NEC NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)

Key Indicator- 6.3

Faculty Empowerment Strategies

NEC NARASARAOPETA ENGINEERING COLLEGE
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6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

1	*List of Professional Development Programs*
2	*Professional Development Programs*

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NARASARAOPETA ENGINEERING COLLEGE

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List of Professional Development Programs

6.3.3 Details of professional development / administrative training programmes organized by the Institution for teaching and non-teaching staff during the year

Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	No. of participants	Dates (from-to) (DD-MM-YYYY)
International conference on Emerging Trends In Civil Engineering (NEC-ICETCE-2K24)	-	21	26- 04-2024 to 27-04-2024
One Week Faculty Development Program on Principles of Machine Learning		59	25-04-2024 to 30-04-2024
4th International Conference on Emering Trends in Mechanical Engineering & Industrial Automation NEC-ICETMEIA - 2K24	-	52	19-04-2024 to 20-04-2024
International Conference on Advanced in Signal processing and Communications	-	50	19-04-2024 to 20-04-2024
5th International Conference on Artificial Intelligence and its Emering Areas (NEC-ICETMEIA -2K24)	-	49	12-04-2024 to 13-04-2024
4th International Conference Recent Trends in Power systems and Power Electronics(NEC-ICPSPE2k24)"	-	58	04-04-2024 to 05-04-2024
One Week Faculty Development Program on NSQF Aliged Skill Development	-	51	19-02-2024 to 23-02-2024
One Week Faculty Development Program on Culture of Innovative on AWS		54	14-02-2024 to 19-02-2024
One Week Faculty Development Program on Salesforce Platform Developer-1	Salesforce Platform Developer-1	64	18-12-2023 to 23-12-2023
One Week Faculty Development Program on SAR,OBE and NBA	-	42	04-12-2023 to 08-12-2023
One Week Faculty Development Program on Outcome Based Education	-	27	20-11-2023 to 24-11-2023

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One Week Faculty Development Program on Cyber Security	-	10	20-11-2023 to 25-11-2023
Two Weeks Training Program on Primavera	-	3	13- 11-2023 to 25-11-2023
One Week Faculty Development Program on Autodesk-Fusion 360 Generative Design, PCB Design and CAM	-	15	22-07-2023 to 27-07-2023
One Week Faculty Development Program on Devops and its Tools	One Week Faculty Development Program on Devops and its Tools	60	10-07-2023 to 15-07-2023
International conference on Emerging Trends In Civil Engineering (NEC-ICETCE-2K23)	-	28	23- 06-2023 to 24-06-2023
3rd International Conference on Recent Trends in Power systems and Power Electronics(NEC-ICPSPE2k23)	-	46	6/10/2023
One Week Faculty Development Program on Emerging Trends In VLSI,Communications & AI Enabled IOT Applications	-	45	05-06-2023 to 09-06-2023
One Week Faculty Development Program on Advanced Machining Processes	-	25	06-05-2024 to 10-05-2024

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Professional Development Programs

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4th International Conference on "Emerging Trends in Civil Engineering"

NEC

NARASARAOPETA
ENGINEERING COLLEGE
(AUTONOMOUS)

Circular

NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)

Approved by AICTE, Affiliated to JNTUK, Kakinada, Accredited by NBA & NAAC, RTA Approved Pollution test Centre, ISO 9001 : 2008 Certified Institution)

Kotappakonda Road, Yellamanda (Post), Narasaraopet – 522601, Guntur district, Andhra Pradesh

Phone No. : 08647-239923, 9692464540, Fax No. : 08647-239902

Website: http://www.nrtec.in

DEPARTMENT OF CIVIL ENGINEERING

Date : 18-04-2024

CIRCULAR

Department of Civil Engineering is organizing a 4th International Conference on **"EMERGING TRENDS IN CIVIL ENGINEERING", NEC-ICETCE-2K24** on **26/06/2024 & 27/06/2024** for civil faculty. Request all the faculty members to attend.

Program Convenor:	Dr.P.Naga Sowjanya (Head, Dept. of Civil)	(8897170424)
Program Co-Convenors:	Mr.K.Jeyavignes, Asst Professor	(9010288919)
	Mr.M.N.S.Sambasiva Rao, Asst Professor	(9618370067)

IQAC **HOD** **PRINCIPAL**

Copy to:

1. Chairman for Favour of Information
2. Principal
3. AO for Necessary arrangements
4. Department Notice Boards
5. Circulation to all staff members
6. All HODs

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Brochure

NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)

Kotappakonda Road, Yellamanda (P.O), NARASARAOPET – 522601, Palnadu District, A.P.

Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada, Accredited 'A+' Grade by NAAC, ISO: 9001 : 2015 Certified Institution



4th INTERNATIONAL CONFERENCE ON
EMERGING TRENDS IN CIVIL ENGINEERING
(ONLINE/OFFLINE)
NEC-ICETCE-2K24
26th & 27th April, 2024

Organized by Department of CIVIL ENGINEERING

About the Conference

The Department of Civil Engineering Narasaraopeta Engineering college(Autonomous) is glad to announce the "International Conference on Emerging Trends in Civil Engineering (NEC-ICETCE 2024)" on 26th and 27th April, 2024 at Narasaraopeta Engineering College(Autonomous) Andhra Pradesh, India. The NEC-ICETCE 2024 provides a two-day research extravagance which will be having a perfect blend of keynote addresses and oral presentations via online mode through which an ample networking opportunities for collaborations and partnerships that can drive wide recognition and adds value to the enlisted career profiles from the world's brightest minds in engineering and technology. This platform will eventually benefit the young research minds to bring forth the ideas and develop it into a solution for future world. Conduction of conference will be done ofline mode.

Topics of the Conference

- CONSTRUCTION TECHNOLOGY AND MANAGEMENT
- CONSTRUCTION MATERIALS
- ENVIRONMENTAL ENGINEERING
- GEOTECHNICAL ENGINEERING
- STRUCTURAL ENGINEERING
- PRE-STRESSED AND PREFABRICATED STRUCTURES
- TRANSPORTATION ENGINEERING
- ADVANCES IN SURVEYING
- WATER RESOURCE ENGINEERING
- GEOLOGY AND GEO PHYSICS
- REMOTE SENSING & GIS

Conference Advisory Committee

Dr. Chitrini Mozumder,
Research Scientist, Asian Institute of Technology, Bangkok, Thailand
Dr. G.Venkatrao,
Research Associte, Dallas, Texas
Dr. B.Krishna Rao,
Professor of CE, UCEK, JNTUK
Dr. K.V.S.G. Murali Krishna, DAP, JNTUK, Kakinada
Dr.T.V.S.Vara Lakshmi, Asst. Prof, Dept. of CE, ANU Guntur.
Dr. J.V.Gurumurthy,
Professor, Dept. of CE, GPREC, Kurnool.
Dr. Sudheer Kumar Yantrapalli,
Sr. Asst. Professor, Dept of CE, MITS.
Dr.G.Mallikarjuna Rao,
Asst. Professor, Dept of CE, CBIT, Hyderabad
Dr. Vasanth Govind Kumar Villuri,
Asst. Professor, Geomatics Division, Dept of Mining Engineering, IIT, Dhanbad
Dr. M.Karthikeyan,
Assoc. Professor, Vignan's Foundation for Science Technology and Research, Guntur

Important Dates

Paper Submission opens from	: 18th March, 2024
Paper Submission closes on	: 08th April, 2024
Acceptance Intimation	: 16th April, 2024
Camera Ready Paper, Copy right form Submission & Author Registration	: 17th April, 2024
Conference Dates	: 26th & 27th April, 2024

Submission Guidelines

Authors intending to present papers are requested to send two hard copies of full length paper in IEEE format not exceeding 5 pages send to necicetce2024@gmail.com. The selected papers will be notified for registration.

- No. of Authors per paper is limited to four only.
- Certificate will be provided to authors presentation and present during their paper presentation.
- Selected Papers will be published in conference Proceedings with ISBN Number. Authours interested published in UGC-CARE journals

Registration & Account Details

Categories	Registration Fees	
	Online	Offline
Students / Faculty	Rs. 300/-	Rs. 500/-
R & D / Industry	Rs. 500/-	Rs. 700/-
Foreign Delegates	US$ 50	US$ 100

Name of the Beneficiary
Narasaraopet Engineering College
Special Saving Account No :
476010100026877
Bank & Branch : Axis Bank, Narasaraopet
IFSC Code: UTIB0000476

Paper Submission Link:
https://tinyurl.com/NEC-ICETCE-2K24

Let's Start!

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B.E., M.S(USA), Exec-MBA(ISB)
Vice - Chairman, NEC Group

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Chairman, NEC Group
Sri M. Ramesh Babu,
Secretary, NEC Group

Co-Patrons:
Dr. M. Sreenivasa Kumar,
M.Tech., PhD (
Principal
Dr. D.Suneel,
M.Tech., Ph.D., MISTE., MRSI
Vice Principal

IQAC

Contact Details

Convener:
Dr.P.NagaSowjanya,
B.Tech., M.Tech Ph.D.
Assoc. Professor & Dept. Head 8897170424

Co-Conveners:
Mr. K. Jeyavignes - 9010288919
Mr. M.N.S. Sambasivarao - 9618370067

Paper Submission through E-mail
necicetce2024@gmail.com

Organizing Committee

Mrs. A. Lakshmi Prasanna
Mrs. K.Yamuna
Mr.K. Anil Kumar
Ms. M. Siva Nagamani
Mr. N.M. Subhani
Mr. P.Naresh
Mr. Sk. Saida
Mr. K. Meghanadh

PRINCIPAL
NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)
NARASARAOPET - 522 601
Guntur (Dist.), A.P.

About NEC

Narasaraopeta Engineering College was established in the year 1998 by Gayatri Educational Development Society, Narasaraopet, under the leadership of Sri M.V. Koteswara Rao, who has a vision of developing this college as an Autonomous institution of higher learning & knowledge in the heart of Palnadu region. The college is approved by AICTE, permanently affiliated to JNTUK Kakinada, NIRF Ranking (251-300 Band), Accredited 'A+' Grade by NAAC and Accredited quadruple (four times) by NBA. NEC is announced as 'AUTONOMOUS' in the year 2016. The college has launched Incubation Centre where the students can implement their ideas. The college management has an MOU with Oracle University (USA). The college has AP CM's Excellence centre, AI&ML centre and MSME centre. The college offers Ten courses at B.Tech. level in the branches CIVIL, EEE, ME, ECE, CSE, CSE(AI), IT, CSE (AI&ML), CSE (DS) & CSE (CS). The college has well equipped laboratories including 1200 computers with a bandwidth of 1 GBPS internet. Microsoft Innovation Centre was established in the college.

NEC has Indo-European skilling Centre for Mechatronics and Industrial Robotics in collaboration with APSSDC and ARC (Applied Robot Control), Germany. AP CM's Skill Excellence Center is also established to provide students access to the most advanced courses by industry giants. The college has MOU with New Mexico State University, USA, which enables student and faculty exchange programs.

Narasaraopet is known as the gateway of Palnadu. Narasaraopet is a town in Palnadu district and is on the railway line of Guntur to Guntakal. Narasaraopet is 50 Km from Guntur and 25 Km from Chilakaluripet (NH5) by road. Narasaraopet is 120 Km away from Vijayawada Airport. Kotappakonda is the site of major religious pilgrim place of Lord Shiva which is located 5 Km from NEC.

ABOUT THE DEPARTMENT

The Department of Civil Engineering was established in the year 2009. The department has been successful in producing excellent and well-trained graduates. Today we have more than 450 Students (UG & PG). Our Civil Engineering department seeks to understand natural phenomena and their applications in the field, and utilize that knowledge to innovate and build sustainable engineering structures for Society. We educate our students in both natural and manmade systems, which enable them to get a true sense of the science of civil engineering. The department has good infrastructural facili ties and has full fledged laboratories equipped with adequate state of the art equipment and latest software. Our faculty and staff are dedicated to teach our students such that they are best equipped to serve the region and the nation as professionals, engineers, academic leaders, researchers, and entrepreneurs, and tackle complex engineering problems in the field.

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B.Tech, MS (US), e-MBA (ISB-Hyd)
Vice-Chairman, NEC Group

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Chairman, NEC Group

Sri M. Ramesh Babu, B.Com.,
Secretary, NEC Group

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Principal, NEC

Dr. D.Suneel,
M.Tech, Ph.D, FIE(I), MISTE, MRSI
Vice Principal, NEC

Convenor

Dr.P.Naga Sowjanya, B.Tech., M.Tech., Ph.D.
Head, Dept. of CIVIL

Co-Conveners

Mr. K. Jeyavignes, Assistant Professor

Mr. M.N.S.S. Sambasivarao, Assistant Professor

Organizing Committee

Mrs. A.Lakshmi Prasanna
Mrs. K.Yamuna
Mr. K.Anil Kumar
Ms. M.Siva Nagamani
Mr. N.M.Subhani
Mr. P. Naresh
Mr. Sk. Saida
Mr. K.Meghanadh

NEC NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS)

(Approved by AICTE, New Delhi &
Permanently affiliated to JNTUK, Kakinada,
Accredited by NAAC 'A+' Grade)

INTERNATIONAL CONFERENCE ON
Emerging Trends in Civil Engineering
NEC-ICETCE-2K24
(ONLINE/OFFLINE)

26th - 27th April, 2024

Organized By

Department of
CIVIL ENGINEERING

Narasaraopeta Engineering College (Autonomous)
Kotappakonda Road, Yellamanda (Post),
Narasaraopet – 522601, Palnadu District, A.P.
Ph: 08647-239906, 8897170424, 8374694569
Fax No.: 08647-239902
E-Mail: necicetce2024@gmail.com, civilhod@nrtec.in
Website: http://www.nrtec.in

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NARASARAOPET - 522 601
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ABOUT THE INTERNATIONAL CONFERENCE

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- GEOLOGY AND GEO PHYSICS
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SUBMISSION GUIDELINES

Authors intending to present papers are requested to send softcopy of full length paper in IEEE format not exceeding 5 pages to e-mail: necicetce2024@gmail.com. The selected papers will be notified for registration.

- Number of Authors per paper is limited to four only.
- E-certificate will be provided to authors who are present during their paper presentation.
- ISBN International conference proceedings will be provided with an additional charge of INR 350 (Cost of one book)
- International Conference will be conducted on Microsoft Teams.
- All submissions must include Title, Author(s) and Affiliation(s), Full Address for correspondence including phone number and e-mail id.

PARTICIPANTS

Research Scholars / Academicians / Industrial Professionals / Students

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CONFERENCE ADVISORY COMMITTEE

Dr.Chitrini Mozumder,
Research Scientist, Asian Institute of Technology, Bangkok, Thailand

Dr. G.Venkatrao,
Research Associate, Dallas, Texas

Dr. B.Krishna Rao,
Professor of CE, UCEK, JNTUK

Dr.K.V.S.G.Murali Krishna,
DAP, JNTUK, JNTUK, Kakinada

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Asst. Professor, Geomatic Division, Dept. of Mining Engineering, IIT, Dhanbad

Dr.M. Karthikeyan,
Assoc. Professor, Vignan's Foundation for Science, Technology and Research, Guntur

IMPORTANT DATES

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Conference Dates	: 26th & 27th April, 2024

REGISTRATION DETAILS

Categories	Registration Fees Online	Offline
Research Scholars / Faculty	Rs. 300/-	Rs. 500/-
R & D / Industry	Rs. 500/-	Rs. 700/-
Foreign Delegates	US$ 50	US$ 100

NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)
Narasaraopet – 522601, Palnadu District, A.P.

4th INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN CIVIL ENGINEERING

NEC-ICETCE-2K24

26th - 27th April, 2024

APPLICATION FORM

1. Name (in Block Letters): .....
2. Designation : .....
3. College / Organization : .....
4. Address for Communication : .....
   .....
   .....
   Phone No. (with STD Code) : .....
   Mobile No. : .....
   E-mail ID : .....
5. Title of the Paper : .....
   .....
6. Fees: (Tick √ whichever is applicable)
   For Research Scholars/Faculty : INR 300
   For R&D / Industry : INR 500
   For Foreign delegates : US$ 50
7. Mode of Payment: Phone Pay/GPay/Online Transfer

Name of the Beneficiary : Narasaraopet Engineering College
Special Saving Account No : 476010100026877
Bank Name : Axis Bank (Narasaraopet Branch)
IFSC Code: UTIB0000476

DECLARATION

The information provided by me is true to the best of my knowledge. If selected, I agree to abide by rules and regulations of the organization and shall attend the international conference for the entire duration. I also undertake the responsibility to inform the Convener, in case I am unable to attend the international conference.

Place:
Date :

Signature of the Participant

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(AUTONOMOUS)

Schedule

NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS) :: NARASARAOPET

DEPARTMENT OF CIVIL ENGINEERING

NEC-ICETCE-2K24

4th Virtual International Conference on Emerging trends in Civil Engineering

INAUGURAL AGENDA

DATE	TIME	PROGRAM
26-04-2024	10.00 am	Program Starts
	10:00 am to10:05 am	Welcome Address by Co-Convener Mr.M.N.S.Sambasiva Rao
	10:05 am to 10:10 am	Inaugural Address by Convener & Head of CE, Dr.P.Naga Sowjanya
	10:10 am to10:15 am	Presidential Address by Principal Dr.D.Suneel
	10:15 am to10:18 am	Message from Mr.M.Chakravarthy Vice Chairman NEC Group of Colleges
	10:18 am to10:20 am	Introduction about Chief Guest
	10:20 am to10:23 am	Speech by Chief Guest
	10:23 am to 10:25 am	Proceedings release by Honorable Principal Dr.D.Suneel
	10:25 am to10:30 am	Vote of Thanks
	10:30 am to11:30 am	Key note Speech by Chief Guest

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NARASARAOPET - 522 601
Guntur (Dist.), A.P.

26th & 27th April, 2024

Organized by Department of Civil Engineering

Narasaraopeta Engineering College (AUTONOMOUS)

Narasaraopet, A.P, India.

Session-1

Session Chair: Dr.Y.Sudheer Kumar, Sr. Asst. Professor, MITS, Madanapalle
Session Co-Chair: **Mr. M.N.S.Sambasiva Rao, Assistant Professor**
Session Co-Coordinator: **Mrs. K.Yamuna, Assistant Professor**
(Date: 27/04/2024 Time: 1:00 PM to 05:00PM)

Paper ID	Title of the Paper	Timing	Name of the Author & College	Phone Number
NEC-ICETCE-001	Design of water distribution network for Yellamanda using EPANET software	01:00 to 01:15	K.Anuhya & V.santhi raju	8341284722
NEC-ICETCE-002	Analysis And Design of 247 Park by Using STAAD Pro.	01:15 to 01:30	B.AVINASH & Battula Vamsi Sai Krishna	8374584279
NEC-ICETCE-003	Analysis of Ground Water in Narasaraopet At Various Locations	01:30 to 01:45	Penumaka Tirumaleswar & Boppudi Harish Kumar	6303496806
NEC-ICETCE-004	Analysis & Design Of G+6 Residential Building By Using STAAD Pro.	01:45 to 02:00	Kotla Chaitanya Reddy	7337493389
NEC-ICETCE-005	Application of GIS In Water Supply Management Network	02:00 to 02:15	Shaik Yasin & Kakunuri Saidababu	8897904789

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Note: The Conference NEC-ICETCE-2K24 is being conducted online. The link for joining conference will be sent through e-mail of the registered participants and shared in WhatsApp Group

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NARASARAOPET - 522 601
Guntur (Dist.), A.P.

International Conference on Emerging Trends in Civil Engineering (NEC-ICETCE-2K24)

26th & 27th April, 2024

Organized by Department of Civil Engineering

Narasaraopeta Engineering College (AUTONOMOUS)

Narasaraopet, A.P, India.

Paper ID	Title of the Paper	Timing	Name of the Author & College	Phone Number
NEC-ICETCE-006	Design & Analysis of G+5 Residential Building Using STAAD Pro.	02:15 to 02:30	Shaik Abdul Kaleem Basha	8977229099
NEC-ICETCE-007	Preparation of FMB using TOTAL STATION	02:30 to 02:45	Gopala Krishna.T	6302531812
NEC-ICETCE-008	Planning And Execution Of A Buildings	02:45 to 03:00	Polepogu Koteswara Rao	9052859947
NEC-ICETCE-009	Planning, designing, analysis and estimation of G+5 residential building	03:00 to 03:15	Mondithoka Pramod & M Sivaji	9390925980
NEC-ICETCE-010	A Study on Characteristic Strength of High Performance Concrete of M80 By Partial Replacement of Cement & Sand With Fly Ash & Robo Sand	03:15 to 03:30	Bojja Kejiya & Shaik Sharmila	7207271237
NEC-ICETCE-011	Analysis of basalt fibre reinforced concrete with partial replacement of fine aggregate by foundry sand	03:30 to 03:45	Salma Suleiman shaik & R.Pavan Kalyan	9701454375

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(AUTONOMOUS)
NARASARAOPET - 522 601
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International Conference on Emerging Trends in Civil Engineering (NEC-ICETCE-2K24)

26th & 27th April, 2024

Organized by Department of Civil Engineering

Narasaraopeta Engineering College (AUTONOMOUS)

Narasaraopet, A.P, India.

Session-2

Session Chair: Dr.G.Mallikarjuna Rao, Asst. Professor, CBIT ,Telangana
Session Co-Chair: **Mr. N.M.Subhani, Assistant Professor**
Session Coordinator: **Mr. K.Anil, Assistant Professor**
(Date: 27/04/2024 Time: 01:00PM to 05:00PM)

Paper ID	Title of the Paper	Timing	Name of the Author & College	Phone Number
NEC-ICETCE-012	An experimental study on self-healing concrete and its strength.	01:00 to 01:15	T. Bhavani Prasad &Mekala saketh	7075230604
NEC-ICETCE-013	An experimental investigation on strength properties of concrete with graphene oxide	01:30 to 01:45	N.B.S.Asish Reddy	9885177703
NEC-ICETCE-014	An experimental study on partial replacement of cement with rice husk ash in concrete	01:45 to 02:00	B.V.Gopi Krishna & Ramisetty Hemanth	8341159221
NEC-ICETCE-015	Analysis And Design Of G+5 Residential Building by Using STAAD Pro.	02:00 to 02:15	Anupoju Indrasena	8143403364
NEC-ICETCE-016	Partial replacement of cement and fine aggregate with wood ash and foundry sand in concrete	02:15 to 02:30	Chappidi Chinna Babu	8688428449

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NARASARAOPET - 522 601
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International Conference on Emerging Trends in Civil Engineering (NEC-ICETCE-2K24)

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Organized by Department of Civil Engineering

Narasaraopeta Engineering College (AUTONOMOUS)

Narasaraopet, A.P, India.

Paper ID	Title of the Paper	Timing	Name of the Author & College	Phone Number
NEC-ICETCE-017	An Experimental Study on Partial Replacement of Cement With GGBS in Concrete	02:30 to 02:45	Induri Subbareddy & Shaik.Mohammad Suhib	9392280568
NEC-ICETCE-018	Use of Demolished Concrete Waste in Partial Replacement of Coarse Aggregate in Concrete	02:45 to 03:00	Returi chinna Ajay	9515846027
NEC-ICETCE-019	Partial Replacement of Fine And Coarse Aggregate With Quarry Dust and Coconut Shell.	03:00 to 03:15	Kattekota Mahim Kumar & N.Sai Kumar	9182498585
NEC-ICETCE-020	An Experimental Study On Partial Replacement of Fine Aggregate by Quarry Dust In Concrete	3:15 to 3:30	Srigiri KotiReddy	9392479602
NEC-ICETCE-021	Partial replacement of coarse aggregate with waste brick in concrete	03:30 to 03:45	Angalakuditi Abhi	9959699953

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Note: The Conference NEC-ICETCE-2K24 is being conducted online. The link for joining conference will be sent through e-mail of the registered participants and shared in WhatsApp Group

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Attendance sheet

NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS): NARASARAOPET
DEPARTMENT OF CIVIL ENGINEERING
ATTENDANCE SHEET: NEC-ICETCE-2K24

S.NO	NAME OF THE FACULTY	DESIGNATION	SIGNATURES	
			26-04-2024	27-04-2024
1	Dr P Naga Sowjanya	Assoc Professor & HOD CE		
2	Mr K Anil Kumar	Assistant Professor		
3	Mr K Meghanadh	Assistant Professor		
4	Mr M N S Sambasiva Rao	Assistant Professor		
5	Mr N M Subhani	Assistant Professor		
6	Mr K Jeyavignes	Assistant Professor		
7	Mrs A Lakshmi Prasanna	Assistant Professor		
8	Mrs K Yamuna	Assistant Professor		
9	Ms M Siva Nagamani	Assistant Professor		
10	Mr SK.Saida	Assistant Professor		
11	Mr P Naresh	Assistant Professor		

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Signature of the Coordinator

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Program Report

NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)

Approved by AICTE, Affiliated to JNTUK, Kakinada, Accredited by NBA & NAAC, RTA Approved Pollution test Centre, ISO 9001 : 2008 Certified Institution)
Kotappakonda Road, Yellamanda (Post), Narasaraopet – 522601, Guntur district, Andhra Pradesh
Phone No. : 08647-239923, 9692464540, Fax No. : 08647-239902
Website: http://www.nrtec.in

Date: 27/04/2024

PROGRAMME REPORT

Name of the Programme : A 4th International Conference on **"Emerging Trends In Civil Engineering", NEC-ICETCE-2K24**

Dates : 26th & 27th April 2024

Details of the Resource Person

Name : Dr.G.Venkata Rao

Designation : Post-doctoral Research Scholar

Organization : Southern Methodist University, Dallas, USA

Phone No. : +91-9493761231

Email : venkatarao1528@vardhaman.org

Objectives of the Programme:

- Prediction of future water demands in local area and designing water tanks
- Utilizing plastic waste in flexible pavements
- Usage of Primavera software for construction planning
- Structural stability of different framed structures on different seismic zones
- Experimenting on the properties of concrete when partially replacing cement with waste materials
- Investigation on Soil structure and Ground water resources
- Performance of Flyash in soil stabilization
- Analyzing of local area land usage through Remote sensing & GIS
- New trends of constructions and technologies
- Over view of Geo Spatial Technologies For Urban Sustainability

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Topics Covered:

- Infrastructural engineering with water demand
- Transportation Engineering with altered waste materials in road construction
- Construction planning and management using trending software
- Structural and seismic analysis
- Concrete technology with different ingredients
- Soil stabilization techniques
- Remote sensing and Geographical Information system
- Recent updates and technologies in civil engineering
- Geo spatial technologies

Outcomes of the Programme:

- Solving future water demands with durable water tank construction
- Usage of plastic wastes to save environment and improved pavement design
- Time and cost saving in construction projects with reduced paper work
- Earthquake resistant structures
- Strength improved concrete with low cost alternative ingredients
- Optimum usage and recharge of ground water
- Better knowledge in soil structure
- Stabilizing soil with low cost
- Development local areas with help of survey data
- Implementation of updated technologies with faster way of project completion
- Infrastructural Development of Urban areas

No. of participants: 21

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Coordinator

HOD

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Press Note &Coverage

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(Sponsored by Gayatri Educational Development Society), Narasaraopet.
Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK, Kakinada. Code : 47, NIRF : 2022 (251-300 Band)
Accredited by NBA (CSE, ECE, ME) & NAAC "A+" Grade, ISO 9001 : 2015 Certified Institution.
08647-239904 Visit us at : www.nrtec.in e-mail : principal@nrtec.in

స్థానిక నరసరావుపేట ఇంజనీరింగ్ కళాశాల సివిల్ ఇంజనీరింగ్ విభాగం అధ్వర్యంలో ఈ రోజు "ఎమర్జింగ్ ట్రెండ్స్ ఇన్ సివిల్ ఇంజనిరింగ్ NEC-ICETCE-2K24" అనే రెండు రోజుల ఇంటర్నేషనల్ కాన్ఫరెన్స్ ఈ రోజున మొదలైందని కాన్ఫరెన్స్ కన్వీనర్ మరియు సివిల్ ఇంజనీరింగ్ విభాగావతి డాక్టర్ పి నాగ సౌజన్య గారు తెలియజేశారు.

'ఈ కాన్ఫెరెన్స్ కో ప్యాటన్ మరియు కళాశాల ప్రిన్సిపాల్ " డ్.సునీల్ గారు మాట్లాడుతూ ఈ కాన్ఫెరెన్స్ కీ నోట్ స్పీకర్ గా డా॥ జి. వెంకట్రావు గారు రీసెర్చ్ అసోసియేట్ డల్లాస్, టెక్సాస్ గారిని ఆహ్వానించామని తెలియజేశారు. అలాగే సెషన్ చైర్మన్ డా॥ వై. సుధీర్ కుమార్ గారు, డా మల్లికార్జున గారు వ్యవహరిస్తారని అన్నారు.

ఈ కాన్ఫరెన్స్ చీఫ్ పాటర్న్ మరియు కళాశాల వైస్ చైర్మన్ శ్రీ మిట్టపల్లి చక్రవర్తి గారు మాట్లాడుతూ ఈ ప్రతిష్ఠాకరమైన ఇంటర్నేషనల్ కాన్ఫరెన్స్ ని నాలుగవసారి నిర్వహించడం తమకు ఎంతో గర్వకారణమని అన్నారు 1998 లో తమ కళాశాలలో బిటెక్ కోర్సులతో ప్రారంభించిన ఈ సివిల్ ఇంజరీరింగ్ డిపార్ట్మెంట్ అంచలంచలుగా ఎదుగుతూ ఎంటెక్ (స్ట్రక్చరల్ ఇంజనీరింగ్) విద్యార్థుల రీసెర్చ్ కి అవసరమైన అన్ని ల్యాబ్స్ ని కలిగి ఉందన్నారు.

కళాశాల సెక్రటరీ శ్రీ మిట్టపల్లి రమేష్ బాబు గారు మాట్లాడుతూ ఇటువంటి కాన్ఫరెన్స్ లు విద్యార్థులకు అధ్యాపకులకు ఎంతో ఉపయోగపడతాయని అలాగే కళాశాల యొక్క ఖ్యాతి దేశం నలుమూలగా వ్యాప్తి చెందుతూ చెందుతున్నారు

కళాశాల చైర్మన్ శ్రీ మిట్టపల్లి వెంకట కోటేశ్వరరావు గారు ఈ కాన్ఫెరెన్స్, సహకరించిన ముఖ్య అతిదులుకు తమ కృతజ్ఞతలు తెలియజేస్తూ ఈ కార్యక్రమంలో పాల్గొన్న ముఖ్య అధ్యాపకులను, విద్యార్థులను, నిర్వహకులను మరియు కో కన్వీనర్ కే. యమున, ఎం. ఎన్. ఎస్ సాంబశివరావు గార్లను అభినందించారు.

Sanjaya

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Photos

ICETCE-2K24 DATA

The CIVIL ENGINEERING DEPARTMENT OF NARASARAOPETA ENGINEERING COLLEGE, NARASARAOPET organized an International Conference in Emerging Trends in Civil Engineering-2K24 on 26/4/24 & 27/4/24. A total of 21 papers were presented Speakers from Various Reputed Organizations. Dr.G.Venkata Rao, Post-doctoral Research Scholar, Southern Methodist University, Dallas, USA delivers acts as Keynote Speaker for this speaker.

The Inaugural Message was delivered by the Honourable Principal Dr. D.Suneel, and HOD-CE Dr. P. Naga Sowjanya.



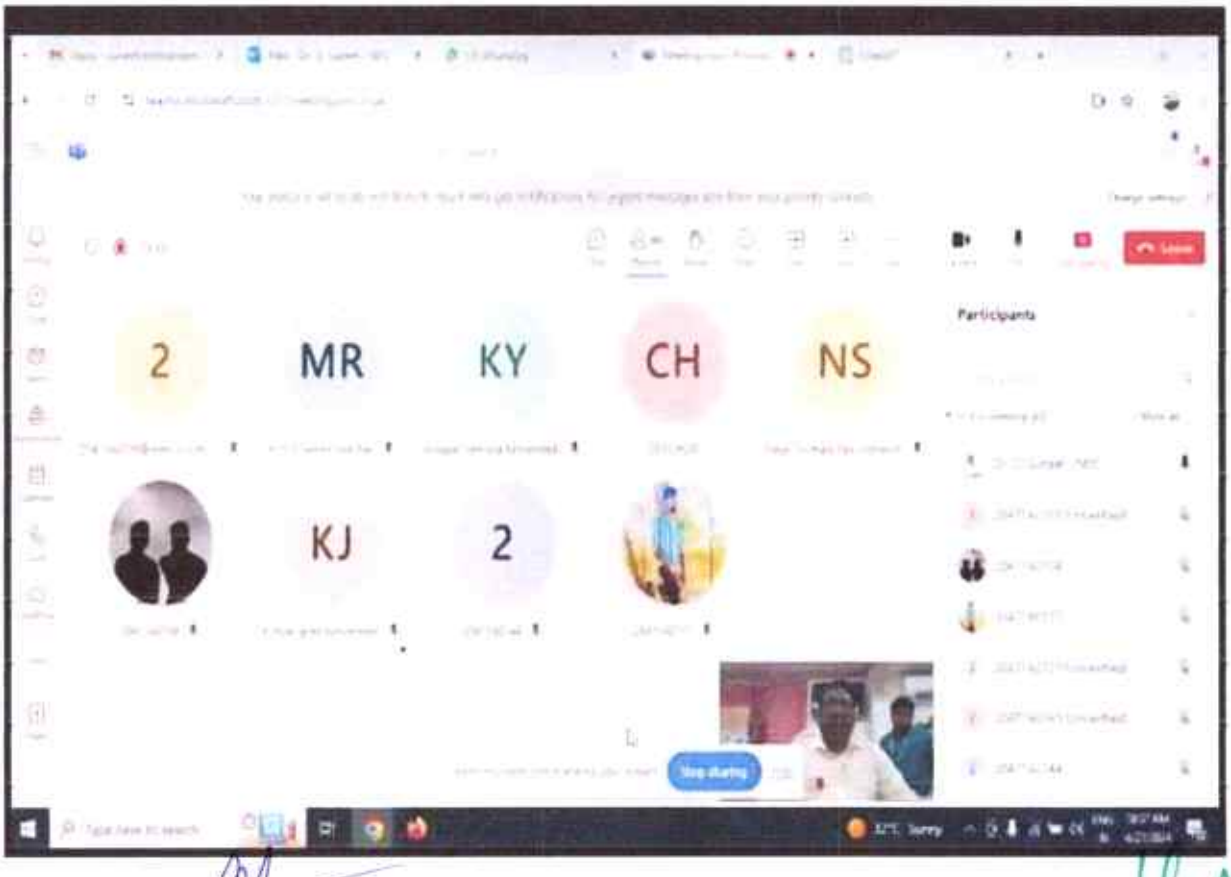




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4th International Conference on

EMERGING TRENDS IN CIVIL ENGINEERING

NEC-ICETCE-2K24

26th & 27th April, 2024

Organized by Department of CIVIL ENGINEERING

Certificate of Participation

This is to Certify that Mr./Mrs./Ms./Dr. **Sk Yasin** **Student** **Narasaraopet Engineering College** Presented / Participated a paper entitled ***Application of GIS In Water Supply Management*** in the Virtual International Conference on Emerging Trends in Civil Engineering– 2K24 (NEC-ICETCE-2K24) held at Department of Civil Engineering, Narasaraopeta Engineering College, Narasaraopet during 26TH & 27th April, 2024.

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Mr. K. Jeyavignes
Co-Convenor

Dr.P.Naga Sowjanya
Convenor

Dr. D. Suneel
Principal

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4th International Conference on

EMERGING TRENDS IN CIVIL ENGINEERING

NEC-ICETCE-2K24

26th & 27th April, 2024

Organized by Department of CIVIL ENGINEERING

Certificate of Participation

This is to Certify that Mr./Mrs./Ms./Dr.**K.ANUHYA** **Student** **Narasaraopet Engineering College** Presented / Participated a paper entitled ***Design of water distribution network for Yellamanda using EPANET software*** in the Virtual International Conference on Emerging Trends in Civil Engineering– 2K24 (NEC-ICETCE-2K24) held at Department of Civil Engineering, Narasaraopeta Engineering College, Narasaraopet during 26TH & 27th April, 2024.

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Mr. K. Jeyavignes
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One week Faculty Development Program on "Principles of Machine Learning"

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Circular

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Phone No. : 08647-239904, Fax No. : 08647-239902
E-mail: principal@nrtec.in Website: http://www.nrtec.in

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 22-04-2024

CIRCULAR

All the faculty members are here by informed that the Department of Computer Science and Engineering and Allied Branches is going to organize a five day Workshop On "PRINCIPLES OF MACHINE LEARNING'' during 25th - 30th April ,2024 in association with IQAC.

Venue : eCAD Lab, Block-3, Narasaraopeta Engineering College.

Coordinator : Dr. S. N. Tirumala Rao.
Professor & Head, Dept. of CSE.

IQAC **HOD** **PRINCIPAL**

Copy to:

1. Chairman for Favor of Information
2. Principal
3. AO for Necessary arrangements
4. Department Notice Boards
5. Circulation to all Staff Members
6. All HOD's

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Brochure

Course Content:

- Life cycle of Machine Learning & Install Anaconda & Python.
- How to Get Datasets ,Data Preprocessing.
- Supervised Machine Learning ,Unsupervised Machine Learning.
- K-Means Clustering, Cross-Validation, Overfitting and Underfitting.
- A convolutional neural network (CNN or convnet),
- Gradient Boosting Algorithm
- Classification Algorithm, K-NN Algorithm, Naïve Bayes Classifier
- Random Forest Algorithm, Hierarchical Clustering in Machine Learning
- Support Vector Machine Algorithm
- Applications of Machine Learning.

Resource Persons:

: Dr.Venkateswar Rao Tirumalasetty
Former Academic Advisor
APSSDC

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ABOUT THE COLLEGE

The Narasaraopeta Engineering College was established in the year 1998 by Gayatri Educational Development Society, Narasaraopet, under the leadership of Sri M.V.Koteswara Rao, who has a vision of developing this college as an autonomous institution of higher learning & knowledge in the heart of Palnadu Region. The college is approved by AICTE, permanently affiliated to JNTUK Kakinada, Accredited 'A+' Grade by NAAC, Accredited thrice by NBA and ISO 9001: 2008 certified. The college has three recognized R&D centers by JNTUK. NEC is conferred as 'AUTONOMOUS' in the year 2016. The college has launched Incubation Centre where the students can implement their ideas. The college has an MOU with Oracle University (USA). NEC has MOUs with various Foreign Universities. The college offers seven M.Tech programmes, two PG courses of MCA, MBA and six courses at B.Tech level in the branches EEE, CSE, IT, CSE (AI) ECE, ME and CIVIL. The college has well equipped laboratories including 1000 computers with a bandwidth of 146 MBPS internet. Microsoft Innovation Centre was established in the college through which more than 200 Mobile Apps, 50 Cloud Apps and 100 Windows Apps are uploaded every year.

In order to build a vibrant entrepreneurship ecosystem established Venture Development Centre (VDC) in association with i2E North Eastern University, USA and APSSDC. Also, the college has Indo-European skilling Centre for Mechatronics and Industrial Robotics in collaboration with APSSDC and ARC (Applied Robot Control), Germany. AP CM's Skill Excellence Center to provide students access to the most advanced courses by industry giants. The college has established Institution Innovation Council(IIC) as per the norms of Innovation Cell, Ministry of HRD, Govt. of India with ranked 3 and 1/2 Star Rating

A Five Day Faculty Development
Program on principles of machine learning
25th - 30th April , 2024.

Organized
by

Department of
Computer Science & Engineering

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ABOUT THE DEPARTMENT

The Department of CSE started in the year 1998 with an intake of 60 later it started M.Tech in PG Level with an intake of 18. Now the intake of the CSE is 240 in UG and M.Tech is 36 in PG, the department has thrice accredited by NBA, right from the inception of the college, boasts of well experienced and technically excellent faculty members. The department imparts knowledge and skills to inculcate the professional responsibilities, leadership qualities to succeed in diverse career, capability to utilize engineering skills in industry. The sincere efforts and dedication of our faculty and keen interest exhibited by our students have produced not only a commendable academic record and also remarkable achievements in co-curricular and extracurricular activities. The laboratory infrastructure is excellent with state of the art equipment and software. The department faculty encourages the students to implement innovative ideas in their project works, to develop industry readiness and R&D. The faculty has published around 40 research publication papers in different thrust areas like AR&VR,AI, ML, DL, cyber securities etc in every year. seven Ph.Ds. are awarded under our department faculty supervision and two more research scholars are doing Ph.Ds. Many of the faculty members are upgrading their skills by attending the FDP, Conferences, seminars and workshops in innovative and thrust area technologies regularly. The department having 64 faculty members with 15 Professor, 15 Associate Professor and 34 Assist professors. The dept. has organized Workshop on Amazon web services conducted by APSSDC

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Objective of Workshop

Machine Learning is one of the most popular sub-fields of Artificial Intelligence. Machine learning concepts are used almost everywhere, such as Healthcare, Finance, Infrastructure, Marketing, Self-driving cars, recommendation systems, chatbots, social sites, gaming, cyber security, and many more. Currently, Machine Learning is under the development phase, and many new technologies are continuously being added to Machine Learning. It helps us in many ways, such as analyzing large chunks of data, data extractions, interpretations, etc. Hence, there are unlimited numbers of uses of Machine Learning.

Target Audience:

- Faculty memebers from AICTE institutions.

Guidelines:

- A test shall be conducted by organizing committee at the end of the program.
- E-certificate shall be issued to those participants who have attended the program

Chief Patron

Sri M.S.Chakravarthi
B.Tech, MS (US),e-MBA (ISB-Hyd)
Vice-Chairman, NEC Group.

Patrons

Sri M.V.Koteswara Rao B.Sc,
Chairman, NEC Group.
Sri M. Ramesh Babu
Secretary, NEC Group.

Co-Patron

Dr. M. Sreenivasa Kumar,
M.Tech., Ph.D (UK)., MISTE.,FIE (I).
Principal.

Convener

Dr. S. N. Tirumala Rao,
Professor & Head, Dept. of CSE.

Coordinator

Dr. S. N. Tirumala Rao,
Professor & Head, Dept. of CSE.

ORGANIZING COMMITTEE

Dr. B. S.V.N.Sreenivasu
Dr. S. Siva Nageswara Rao
Dr. k. Suresh Babu
Mr. N. Vijay Kumar
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Schedule

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ORGANIZING BY DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

FDP On Principles of Machine Learning

COURSE SCHEDULE

Date/Time	09:10amto 10:50 am	break(10:50am to 11.00 am)	11:00amto12:40 pm	LunchBreak(12:40pmto1:30pm)	01:30pmto4:00pm
25/04/2024	**Inauguration**		• Life cycle of Machine Learning • Introudction to Machine Learning • How to Get Datasets • Data Preprocessing		• Supervised Machine Learning • Unsupervised Machine Learning • Overfitting and Underfitting
26/04/2024	• K-Means Clustering • Cross-Validation • A convolutional neural network (CNN or convnet)		• Gradient Boosting Algorithm • Classification Algorithm • K-NN Algorithm		• Naïve Bayes Classifier • Random Forest Algorithm • Hierarchical Clustering in Machine Learning
27/04/2024	• Support Vector Machine Algorithm • Classification vs Regression		• Linear Regression vs Logistic Regression • Decision Tree Classification Algorithm		• Training,Testing&Valida toins • Model selection and regularization

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29/04/2024	• Reinforcement, Natural Language Processing(NLP) • Time Series Analysis • AI vs Machine Learning		• Machine Learning vs Deep Learning • Evaluating Model		• Hyperparameter tuning and optimization • Python for machine learning
30/04/2024	• Voice Assistsnts • Fraud Detection		• Predictions and Deployment		• Applications of Machine Learning

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Attendance sheet

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(Autonomous)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

FDP ON PRINCIPLES OF MACHINE LEARNING

DURING 25TH - 30TH APRIEL- 2024

S.No	Name	25-04-2024 Signature	26-04-2024 Signature	27-04-2024 Signature	28-04-2024 Signature	29-04-2024 Signature	30-04-2024 Signature
1	Dr.S.N.Tirumala Rao						
2	Dr. S.V.N. Srinivasu						
3	Dr. K. Lakshminadh						
4	Dr. S.Siva Nageswara Rao						
5	Dr. R. Satheesh Kumar						
6	V. Mahesh Babu						
7	M. Sireesha						
8	N. Vijaya Kumar						
9	Sd. Rizwana						
10	P. Swathi						
11	Sk. Subhani						
12	Sk. Khaja Mohiddin Basha						
13	Ch. Lakshmi Tulasi						
14	SK. Gousya Pyari						
15	K. Rambabu						
16	Sk. Rafi						
17	M. Satyam Reddy						
18	K V.Narasimha Reddy						
19	D. Raju						
20	R. Saritha						
21	P. Rama Devi						
22	O. Sambasivarao						
23	K. Ramani						
24	U. Vijay Kumar						
25	A. Thanuja						
26	N. Anantha Rami Reddy						
27	K. V. Pavan Kumar						
28	R. Dilip Kumar						
29	T. Venkata Manohar						
30	G. Venkateswararao						
31	Y. Chandana						
32	M. Ramakrishna Reddy						
33	G. Srinadh						
34	K. Jayaprakash						
35	D. Venkata Reddy						
36	R. Sowjanya						
37	G. Saranya						
38	D. Thabitha						
39	M. Santhosh Kumar						
40	U. Nirmala						
41	T. Anil Kumar						
42	P. Srinivas Rao						
43	S. Venkateswara Rao						
44	K. Swetha						

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S.No	Name	25-04-2024	26-04-2024	27-04-2024	28-04-2024	29-04-2024	30-04
		Signature	Signature	Signature	Signature	Signature	Signa
45	D. Ramesh						
46	K. Bharathi						
47	V.V. Abhilasha						
48	M. Nandini						
49	Ch. Sita Maalakshmi						
50	K. Sireesha						
51	P. Neelima						
52	B. Dileep Kumar						
53	B. Anoch						
54	A. Ramesh						
55	P. Salmon						
56	T. G. Ramnadh Babu						
57	B. Sathish Kumar						
58	K. Shishir						
59	P.Santhi						

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Program Report

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Accredited by NBA & NAAC, ISO 9001 – 2015 Certified Institution
Phone: 08647-239905 Website: www.nrtec.in

Date: 1st May,2024.

Program Report

Name of the program : Faculty Development Program on Principles of Machine Learning.

Date(s) of FDP : 25th - 30th April,2024.

Details of the Co- Ordinator:

Name	: Dr. S. N. Tirumala Rao.
Designation	: Professor & Head, Dept. of CSE.
Organization	: Narasaraopeta Engineering College.
Phone No.	: 9885271324
Mail-id	: csehod@nrtec.in

Details of the Resource Person(s):

1. Name	: Dr.Venkateswar Rao Tirumalasetty
2 .Designation	: Former Academic Advisor.
3.Organization	: APSSDC.
4 .Phone No.	: 9866399916
5. Mail-id	: Venkateswar@gmail.com

Objective of the Program :

Machine Learning is one of the most popular sub-fields of Artificial Intelligence. Machine learning concepts are used almost everywhere, such as Healthcare, Finance, Infrastructure, Marketing, Self-driving cars, recommendation systems, chatbots, social sites, gaming, cyber security, and many more. Currently, Machine Learning is under the development phase, and many new technologies are continuously being added to Machine Learning. It helps us in many ways, such as analyzing large chunks of data, data extractions, interpretations, etc. Hence, there are unlimited numbers of uses of Machine Learning.

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Topics Covered

1. Life cycle of Machine Learning & Install Anaconda & Python.
2. How to Get Datasets ,Data Preprocessing.
3. Supervised Machine Learning ,Unsupervised Machine Learning.
4. K-Means Clustering, Cross-Validation, Overfitting and Underfitting.
5. A convolutional neural network (CNN or convnet).
6. Gradient Boosting Algorithm
7. Classification Algorithm, K-NN Algorithm, Naïve Bayes Classifier
8. Random Forest Algorithm, Hierarchical Clustering in Machine Learning
9. Support Vector Machine Algorithm
10. Applications of Machine Learning.

Outcome of the program

- After completion of this program, the faculty are able to
- Analyze historical data to retain customers.
- Improving planning and forecasting.
- Analyze Assessing patterns to detect fraud.
- Launching recommender systems to grow revenue.

No. of Participants : 59

Coordinator

Dr. S. N. Tirumala Rao.

HoD-CSE

Dr. S. N. Tirumala Rao.

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Press Note &Coverage

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Phone: 08647-239912 e-mail: csehod@nrtec.in visit us at : www.nrtec.in

Press Note

ఎన్. ఈ. సి లో "ప్రిన్సిపుల్స్ ఆఫ్ మెషిన్ లెర్నింగ్" పై

ఇంజనీరింగ్ అధ్యా పకులకు **07** రోజుల శిక్షణ తరగతులు ప్రారంభం

స్థానిక నరసరావుపేట ఇంజనీరింగ్ కళాశాలలో కంప్యూ టర్ సైన్స్ అండ్ ఇంజనీరింగ్ విభాగ ఆధ్వర్యంలో ఇంజనీరింగ్ అధ్యాపకులకు "ప్రిన్సిపుల్స్ ఆఫ్ మెషిన్ లెర్నింగ్ "పై 07 రోజులు శిక్షణా తరగతులు ప్రారంభించినట్లు కళాశాల వైస్ చైర్మన్ శ్రీ మిట్టపల్లి చక్రవర్తి గారు ఒక ప్రకటనలో తెలిపారు.

శిక్షణ తరగతులు ప్రారంభ కార్యక్రమములో ముఖ్య అతిథులుగా మిస్టర్ డాక్టర్ వెంకటేశ్వర్రావు తిరుమలశెట్టి ,ఫార్మర్ అకాడమిక్ అడ్వైసర్, APSSDC సంస్థ శిక్షకులుగా వ్యవహరించి అధ్యాపకులకు "ప్రిన్సిపుల్స్ ఆఫ్ మెషిన్ లెర్నింగ్" కి సంబంధించిన సూపర్వైస్డ్ మెషిన్ లెర్నింగ్, అన్ సూపర్వైస్డ్ మెషిన్ లెర్నింగ్ ఓవర్ ఫిట్టింగ్ , అండర్ ఫిట్టింగ్ , క్రాస్ వాలిడేషన్, కే మీన్స్ క్లస్టరింగ్ ,వంటి మొదలగు అంశాలు గురించి వివరించారు.ఈ సందర్భంగా కళాశాల ప్రిన్సిపల్ డాక్టర్ ఎం శ్రీనివాస్ కుమార్ గారు మాట్లాడుతూ అధ్యా పకులను ఉద్దేశించి ప్రస్తుత సాఫ్ట్వేర్ ఇంజనీరింగ్ లో "ప్రిన్సిపుల్స్ ఆఫ్ మెషిన్ లెర్నింగ్" ద్వారా చాలా ఉద్యోగ అవకాశములు విద్యార్థులకు అందించుటకు అధ్యాపకులకు శిక్షణ అవసరము అని, కళాశాల మేనేజ్మెంట్ వారు ఈ అవకాశమును ఇంజనీరింగ్ కళాశాల అధ్యాపకులకు కల్పించారని ,అధ్యా పకులకు 07 రోజులు శ్రద్ధగా శిక్షణ తీసుకుని మీ ఇంజనీరింగ్ కళాశాలలోని విద్యార్థులకు బోధనా చేయవలెనని కోరారు.

కంప్యూటర్ సైన్స్ అండ్ ఇంజనీరింగ్ విభాగ అధిపతి డాక్టర్ ఎస్. ఎన్ తిరుమల రావు గారు మాట్లాడుతూ ,ఈ 07 రోజుల శిక్షణ యందు "ప్రిన్సిపుల్స్ ఆఫ్ మెషిన్ లెర్నింగ్ "కన్వోల్యూషనల్ న్యూరల్ నెట్వర్క్, రీకరెంట్ న్యూరల్ నెట్వర్క్, గ్రేడియంట్ బూస్టింగ్ అల్గోరిథం, సపోర్ట్ వెక్టార్ మెషిన్ అల్గోరిథం, అప్లికేషన్స్ ఆఫ్ మెషిన్ లెర్నింగ్ మొదలగు అంశాల మీద శిక్షణ ఇస్తారని తెలిపారు.

అధ్యాపక శిక్షణా తరగతులు కోఆర్డినేటర్ డాక్టర్ ఎస్. వి. ఎన్. శ్రీనివాస్ గారు మాట్లాడుతూ ఈ తరగతులకు ఆంధ్ర మరియు తెలంగాణ రాష్ట్రాల నుండి 59 మంది ఇంజనీరింగ్ అధ్యా పకులు పాల్గొన్నా రు అని తెలిపారు. ఈ కార్యక్రమంలో కళాశాల చైర్మన్ మిట్టపల్లి కోటేశ్వ రావు గారు కళాశాలలోని ప్రతి ఒక్క అధ్యా పకులు సంవత్సరంలో శిక్షణ తరగతులు ఎక్క డైనా తప్పనిసరిగా హాజరు అవ్వాలని మేము పూర్తి సహాయ సహకారం అందిస్తామని ఈ సందర్భంగా గుర్తు చేశారు. కళాశాల సెక్రెటరీ మిట్టపల్లి రమేష్ గారు మాట్లాడుతూ, ఈ శిక్షణ తరగతులను నిర్వ హిస్తున్న కంప్యూ టర్ సైన్స్ అండ్ ఇంజనీరింగ్ అల్లైడ్ విభాగాలను అభినందించారు. ఈ కార్యక్రమం నందు కళాశాల వైస్ ప్రిన్సిపల్ డాక్టర్ డి సునీల్ గారు వివిధ విభాగాల అధిపతులు అధ్యా పకులు పాల్గొన్నా రు.

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A Five Day

Faculty Development Program

25th - 30th April 2024

10.00 AM - 05.00 PM

Block-3, eCAD Lab

PRINCIPLES OF MACHINE LEARNING



Dr. Venkateswara Rao Tirumalasetty

Former Academic Adviser,
APSSDC

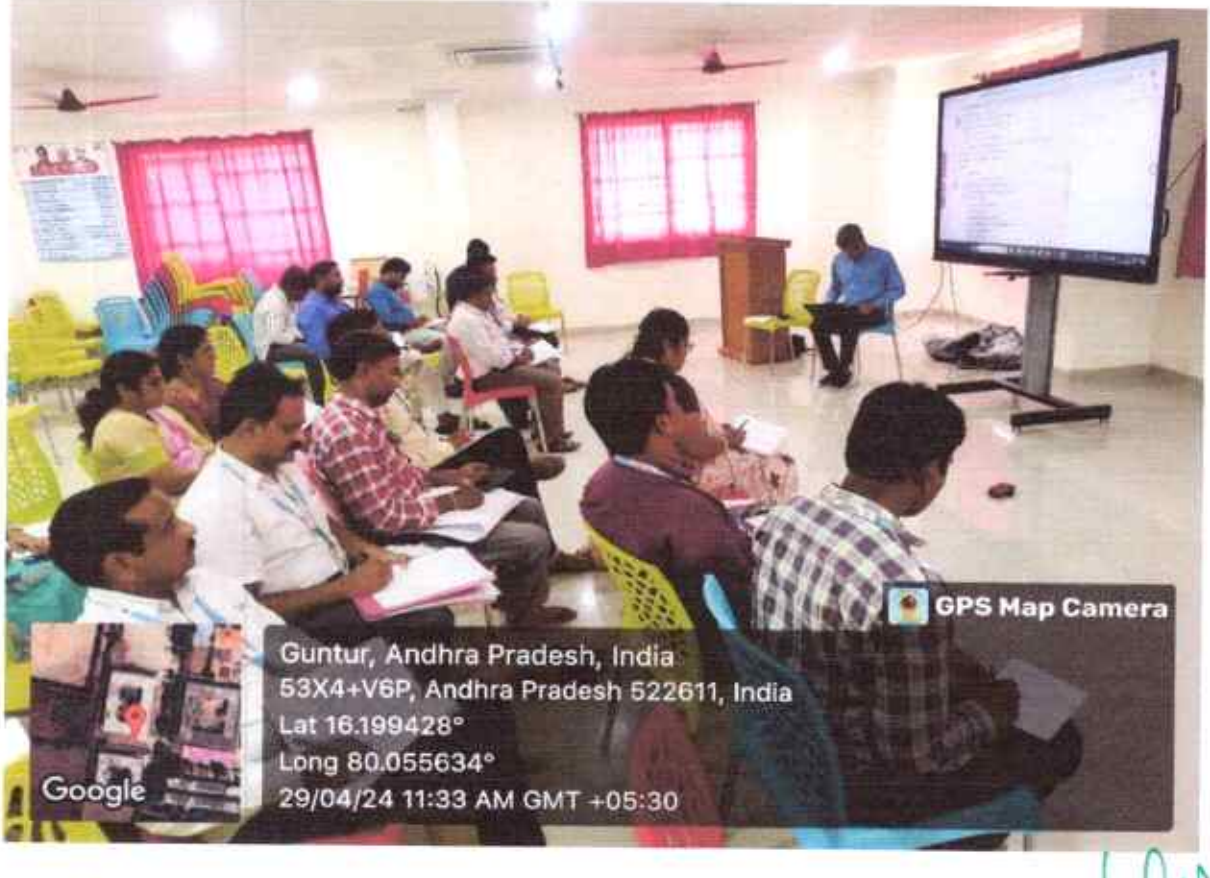
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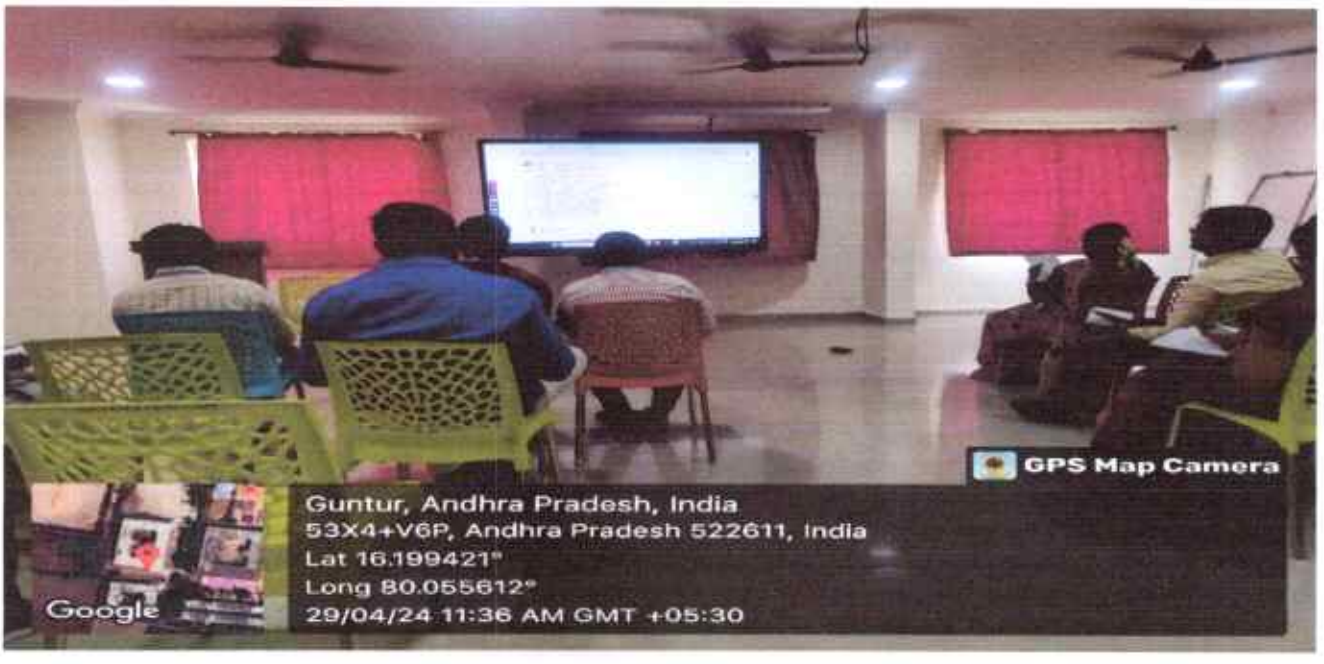
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25th to 30th April, 2024

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of **CSE Engineering Department** has successfully participated and completed **A FIVE DAY FACULTY DEVELOPMENT PROGRAM ON PRINCIPLES OF MACHINE LEARNING from 25th TO 30th APRIL, 2024** organized by Departments of **Computer Science and Engineering & Allied Branches** Narasaraopeta Engineering College, Narasaraopet

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This is to certify that Mr./Ms **K.V.Narasimha Reddy**

of **CSE Engineering Department** has successfully participated and completed **A FIVE DAY FACULTY DEVELOPMENT PROGRAM ON PRINCIPLES OF MACHINE LEARNING from 25th TO 30th APRIL, 2024** organized by Departments of **Computer Science and Engineering & Allied Branches** Narasaraopeta Engineering College, Narasaraopet.

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NARASARAOPETA ENGINEERING COLLEGE
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Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada, NIRF Ranking (251-300 Band), Accredited by NBA (Tier-I) & NAAC with 'A+' Grade
Kotappakonda Road, Yellamanda (Post), Narasaraopet - 522601, Palnadu Dist., Andhra Pradesh, INDIA. Website:www.nrtec.in

A Five Day Faculty Development Program on

Principles of Machine Learning

25th to 30th April, 2024

Organized by Departments of CSE, IT, CSE(AI), CSE(AI&ML), CSE(DS) & CSE(CS) in Association with IQAC

Certificate of Participation

This is to certify that Mr./Ms **Shaik.Rafi**

of **CSE Engineering Department** has successfully participated and completed **A FIVE DAY FACULTY DEVELOPMENT PROGRAM ON PRINCIPLES OF MACHINE LEARNING from 25th TO 30th APRIL, 2024** organized by Departments of **Computer Science and Engineering & Allied Branches** Narasaraopeta Engineering College, Narasaraopet.

Resource Person

Principal

IQAC

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Organized by Departments of CSE, IT, CSE(AI), CSE(AI&ML), CSE(DS) & CSE(CS) in Association with IQAC

Certificate of Participation

This is to certify that Mr./Ms **Sk.Khaja Mohiddin Basha**

of **CSE Engineering Department** has successfully participated and completed **A FIVE DAY FACULTY DEVELOPMENT PROGRAM ON PRINCIPLES OF MACHINE LEARNING from 25th TO 30th APRIL, 2024** organized by Departments of **Computer Science and Engineering & Allied Branches** Narasaraopeta Engineering College, Narasaraopet.

Resource Person

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NEC NARASARAOPETA ENGINEERING COLLEGE
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4th International Conference on "Emerging Trends in Mechanical Engineering & Industrial Automation"

NEC

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Circular

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Phone No. : 08647-239904, Fax No. : 08647-239902
E-mail: principal@nrtec.in Website: http://www.nrtec.in

DEPARTMENT OF MECHANICAL ENGINEERING

Date: 20-11-2023

CIRCULAR

Department of Mechanical Engineering is organizing A Two Days Faculty Development Programme Conference on **"NEC-ICETMEIA-2K24"** in association with **ISTE & ASME** from **19/04/2024 to 20/04/2024** for Faculty. Request all the faculty members are to attend.

Program Convenor: Dr. B. Venkata Siva (9692464540)
Dr. M. Venkanna Babu (9985808908)

IQAC HOD PRINCIPAL

Copy to:

1. Chairman for Favour of Information
2. Principal
3. AO for Necessary arrangements
4. Department Notice Boards
5. Circulation to all Staff Members
6. All HOD's

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NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)

Brochure

About NEC

Narasaraopeta Engineering College was established in the year 1998 by Gayatri Educational Development Society, Narasaraopet, under the leadership of Sri M.V. Koteswara Rao, who has a vision of developing this college as an Autonomous institution of higher learning & knowledge in the heart of Palnadu region. The college is approved by AICTE, permanently affiliated to JNTUK Kakinada, NIRF Ranking (251-300 Band), Accredited 'A+' Grade by NAAC and Accredited quadruple (four times) by NBA. NEC is announced as 'AUTONOMOUS' in the year 2016. The college has launched Incubation Centre where the students can implement their ideas. The college management has an MOU with Oracle University (USA). The college has AP CM's Excellence centre, AI&ML centre and MSME centre. The college offers Ten courses at B.Tech. level in the branches CIVIL, EEE, ME, ECE, CSE, CSE(AI), IT, CSE (AI&ML), CSE (DS) & CSE (CS). The college has well equipped laboratories including 1200 computers with a bandwidth of 1 GBPS internet. Microsoft Innovation Centre was established in the college.

NEC has Indo-European skilling Centre for Mechatronics and Industrial Robotics in collaboration with APSSDC and ARC (Applied Robot Control), Germany. AP CM's Skill Excellence Center is also established to provide students access to the most advanced courses by industry giants. The college has MOU with New Mexico State University, USA, which enables student and faculty exchange programs.

Narasaraopet is known as the gateway of Palnadu. Narasaraopet is a town in Palnadu district and is on the railway line of Guntur to Guntakal. Narasaraopet is 50 Km from Guntur and 25 Km from Chilakaluripet (NH5) by road. Narasaraopet is 120 Km away from Vijayawada Airport. Kotappakonda is the site of major religious pilgrim place of Lord Shiva which is located 5 Km from NEC.

ABOUT THE DEPARTMENT

The Department of Mechanical Engineering was established in the year 2002 with an intake of 60 students. The department offers UG and PG programs. PG programs are being offered in specialization of Machine Design and Thermal Engineering. The UG program of the department is accredited thrice by AICTE-NBA. The department is recognized as research and development center by JNTUK, Kakinada. The department has excellent infrastructure like E class rooms, AC seminar hall and is well equipped with modern laboratories like Dassault systems and ARC laboratory. Department has equipment beyond curriculum like stir casting machine, 3D printer, Fatigue testing machine, Five gas analyzer, Ultrasonicator, Tool makers microscope, magnetic particle tester etc., The department faculty encourages the students to implement innovative ideas in their project works and R&D. Many of the faculty members are upgrading their skills by attending the FDP, conferences, seminars and workshops in innovative and thrust area technologies regularly. The department has student chapters ISTE, IEI), SAE & ASME.

IQAC

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B.Tech, MS (US), e-MBA (ISB-Hyd)
Vice-Chairman, NEC Group

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Chairman, NEC Group

Sri M. Ramesh Babu, B.Com.,
Secretary, NEC Group

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M.Tech, Ph.D (UK), MISTE, FIE(I)
Principal, NEC

Dr. D.Suneel,
M.Tech, Ph.D, FIE(I), MISTE, MRSI
Vice Principal, NEC

Convenor

Dr. B.Venkata Siva,
M.Tech., Ph.D., FIE(I), ASME, MISTE, ISNT
Head, Dept. of ME

Co-Convenors

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Dr. P.Suresh Babu, ME, Ph.D.
Professor, Dept. of ME

Dr. M. Venkanna Babu, M.E, (Ph.D.)
Associate Professor, Dept. of ME

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NARASARAOPETA ENGINEERING COLLEGE

(Approved by AICTE, New Delhi &
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Accredited by NBA & NAAC 'A+' Grade)

4th INTERNATIONAL CONFERENCE ON Emerging Trends in Mechanical Engineering and Industrial Automation

NEC-ICETMEIA-2K24

(Online / Offline)

19th - 20th April, 2024

Organized By
Department of
Mechanical Engineering

In Association With
The Institution of Engineers (India)
Indian Society for Technical Education (ISTE)
The American Society of Mechanical Engineers (ASME)

Narasaraopeta Engineering College (Autonomous)
Kotappakonda Road, Yellamanda (Post),
Narasaraopet – 522601, Guntur District, A.P.
Ph: 08647-239923, 96924 64540, 99858 08908
Fax No.: 08647-239902
E-Mail: necicetmeia2k24@gmail.com, mechhod@nrtec.in
Website: http://www.nrtec.in

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ABOUT THE INTERNATIONAL CONFERENCE

The Department of Mechanical Engineering of Narasaraopeta Engineering College (NEC) Narasaraopet is proud to announce that the 4th International Conference on Emerging Trends in Mechanical Engineering And Industrial Automation NEC-ICETMEIA-2K24 scheduled on 19th & 20th April at NEC, Narasaraopet

The objective of NEC-ICETMEIA–2K24 is to create an international conglomeration of scientists, engineers, and industrial experts. This forum serves as a platform where people can share information about latest diverse technological advancements, innovations, and achievements in the areas of Mechanical engineering and allied fields of engineering. The conference includes a keynote address and guest lectures by eminent speakers. Further, it would also facilitate discussion on the developments and challenges in the fields of design, manufacturing, thermal, robotics, mechatronics fields of engineering.

TOPICS OF THE CONFERENCE

- Advanced Manufacturing Processes
- 3D Printing
- Green Manufacturing and Industry 4.0
- Conventional & Non-conventional machining processes
- Finite element analysis
- Product design & development
- Mechatronics & Robotics
- Non-Conventional Energy Resources
- Green energy & Energy harvesting
- Refrigeration & Air conditioning
- Aerodynamics
- AI in Mechanical Engineering
- Tribology
- Combustion & Pollution
- Sensors & Actuators
- Flow measurements
- Advanced Composite Materials
- Dispersion and Dispersants
- Polymer composites
- Metal matrix composites
- Smart materials
- Biomaterials
- Solar Energy
- Surface Science & Engineering

SUBMISSION GUIDELINES

- Authors intending to present papers are requested to send Soft copies to necicetmeia2k23@nrtec.in
- The authors are requested to limit the number of pages to 6.
- The selected papers will be notified for registration.
- No. of Authors per paper is limited to four only.
- Certificate will be provided to authors who is presenting paper orally during the conference.
- All the presented Papers will be published in conference Proceedings with ISBN Number.
- The selected papers will be published in UGC-CARE Journals with prior consent of authors.

PARTICIPANTS

Research Scholars / Academicians / Industrial Professionals / students

IQAC

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Kishore Kumar Sadasivuni, Department of ME & IE, Qatar University, Qatar

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Dr.K.Srinivas Reddy, Professor, Dept. of ME, IIT Madras

Prof. V.V.Subbarao, Dept. of ME, UCEN, JNTUK, Narasaraopet

Mr. Jnanananda Rao Kadi, Deputy Manager, Bharat Dynamics Ltd., Hyderabad

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Dr.Srinivasu Gangisetty, Asst. Prof. Dept. of ME, NIT, Raipur

Dr. V. Siva Reddy, Director, Technical, NISE, New Delhi

Mr. B. Anil, Asst. Director, CITD, Hyd

REGISTRATION DETAILS

Categories	Registration Fees	
	Online	Offline
Students / Faculty	Rs. 300/-	Rs. 500/-
R & D / Industry	Rs. 500/-	Rs. 700/-
Foreign Delegates	US$ 50	US$ 100

Name of the Beneficiary : Narasaraopet Engineering College
Special Saving Account No : 922020062983205
Bank & Branch : Axis Bank, Narasaraopet
IFSC Code: UTIB0000476

Paper Submission Link:
https://tinyurl.com/necicetmeia2k24

NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)
Narasaraopet – 522601, Guntur District, A.P.

4th INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN MECHANICAL ENGINEERING AND INDUSTRIAL AUTOMATION

NEC-ICETMEIA-2K24
(Online / Offline)
19th - 20th April, 2024

APPLICATION FORM

1. Name (in Block Letters): .....
2. Designation : .....
3. College / Organization : .....
4. Address for Communication : .....

.....

.....

Phone No. (with STD Code) : .....
Mobile No. : .....
E-mail ID : .....

5. Title of the Paper : .....

.....

IMPORTANT DATES

Paper Submission opens from	: 11th March, 2024
Paper Submission closes on	: 25th March, 2024
Acceptance Intimation	: 30th March, 2024
Camera Ready Paper, Copy right form Submission & Author Registration	: 06th April, 2024
Conference Dates	: 19th & 20th April, 2024

DECLARATION

The information provided by me is true to the best of my knowledge. If selected, I agree to abide by rules and regulations of the organization and shall attend the international conference for the entire duration. I also undertake the responsibility to inform the Convener, in case I am unable to attend the international conference.

Place:
Date :

Signature of the Participant

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(AUTONOMOUS)

Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada,
Accredited 'A+' Grade by NAAC, Accredited by NBA & NIRF Rankings 2022 (251-300 Band)

4th INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN MECHANICAL ENGINEERING AND INDUSTRIAL AUTOMATION

(ONLINE/ OFFLINE)

NEC-ICETMEIA-2K24

19th & 20th April, 2024

Organized by Department of **MECHANICAL ENGINEERING**

In Association with The Institution of Engineers (India), Indian Society for Technical Education (ISTE) & The American Society of Mechanical Engineers (ASME)

About the Conference

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- 3D Printing
- Green Manufacturing and Industry 4.0
- Conventional & Non-conventional machining processes
- Finite element analysis
- Product design & development
- Mechatronics & Robotics
- Non-Conventional Energy Resources
- Green energy & Energy harvesting
- Refrigeration & Air conditioning
- Tribology
- Combustion & Pollution
- Aerodynamics
- AI in Mechanical Engineering
- Sensors & Actuators
- Flow measurements
- Advanced Composite Materials
- Dispersion and Dispersants
- Polymer composites
- Metal matrix composites
- Smart materials
- Biomaterials
- Solar Energy
- Surface Science & Engineering

Submission Guidelines

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- The selected papers will be notified for registration.
- No. of Authors per paper is limited to four only.
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Registration & Account Details

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IFSC Code: UTIB0000476

Paper Submission Link:
https://tinyurl.com/necicetmeia2k24

Conference Advisory Committee

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Dr. Rukmini Srikant Revuru, Assoc. Prof. University of Northern Iowa, Cedar Falls, IA, USA
Jose I. Rojas, Department of Physics - Division of Aerospace Engineering, Spain
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Contact Details

Convener:
Dr. B.Venkata Siva, M.Tech., Ph.D, FIE(I), ASME, MISTE., ISNT
Prof & HoD, Dept. of ME - 9692464540

Co-Conveners:
Dr. D.Jagadish, Professor - 9885419504
Dr. P.Suresh Babu, Professor - 8500857969
Dr. M.Venkanna Babu, Assoc. Prof. - 9985808908

Paper Submission through E-mail
necicetmeia2k24@nrtec.in

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Schedule

International Conference on Emerging Trends in Mechanical Engineering and Industrial Automation

NEC-ICETMEIA-2K24

April 19th to 20th 2024

Organized by Department of Mechanical Engineering

Narasaraopeta Engineering College (AUTONOMOUS)

Inaugural Schedule

19-04-2024	Inaugural Session (10:00AM–10:30AM)
	Inaugural Session Online
9:30-10:00AM	Sharing of Login Link and Joining of the Participants
10:00AM	Welcome Address & Introduction to International Conference NEC-ICETMEIA-2K24 by Convener **Dr.B.Venkata Siva, H.O.D. Mech.**
10:10AM	Address by "**Dr.D.Suneel**", Co-Patron- NEC-ICETMEIA- 2K24 Vice Principal, Narasaraopeta Engineering College
10:15AM	Address by Co-Patron "**Dr. M. Sreenivasa Kumar"**, Principal Narasaraopeta Engineering College, Narasaraopet, A.P, India.
	Address by Chief Patron" **Sri M. S. Chakravarthi"**, Vice Chairman NEC Group.
10:25AM	Address by **Mr.R.S. Pushyanth Kumar**, Keynote Speaker Design Engineer, CLAAS KGaA mbH, Germany.
10.30AM	Release the Conference Proceeding with the hands of all dignitaries
10:35AM	Vote of Thanks by **" Dr.D.Jagadish"** Co-Convener NEC-ICETMEIA- 2K24
10:40AM	**National Anthem**

***Important Note:** The Conference NEC- ICETMEIA- 2K24 is being conducted online / offline mode. The link for joining conference will be sent through email of the registered participants and place in WhatsApp Group.*

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International Conference on Emerging Trends in Mechanical Engineering and Industrial Automation

NEC-ICETMEIA-2K24

April 19th to 20th 2024

Organized by Department of Mechanical Engineering

Narasaraopeta Engineering College (AUTONOMOUS)

Schedule of Keynote Address

Time(IST)	Friday, 19th April 2024
10.00 AM-10.40 AM	Inaugural Ceremony (Online) Join Link https://tinyurl.com/NEC-ICETMEIA-2K24
10.45AM-11:45 AM	Keynote Address by **Mr.R.S. Pushyanth Kumar** Design Engineer, CLAAS KGaA mbH, **Germany.** Join Link https://tinyurl.com/NEC-ICETMEIA-2K24 Coordinator: Dr.D.Jagadish

Time(IST)	Saturday, 20th April 2024
10:00 AM-11:00 AM	KeynoteAddress by **Mr. Nagarjuna Ravella** Automation Engineer, Accenture GmbH, Hamburg, **Germany.** Join Link https://tinyurl.com/NEC-ICETMEIA-2K24 Coordinator: Dr.P.SureshBabu

***Important Note:** The Conference NEC- ICETMEIA- 2K24 is being conducted online / offline mode. The link for joining conference will be sent through email of the registered participants and place in WhatsApp Group.*

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International Conference on Emerging Trends in Mechanical Engineering and Industrial Automation

NEC-ICETMEIA-2K24

April 19th to 20th 2024

Organized by Department of Mechanical Engineering

Narasaraopeta Engineering College (AUTONOMOUS)

SESSIONS SCHEDULE

Join Link: https://tinyurl.com/NEC-ICETMEIA-2K24

Time(IST)	Friday, 19th April 2024	Time(IST)	Saturday, 20th April 2024
11.45 AM-01.30 PM	**Session-1** **(Design Engineering)** Session Chairs- Dr.K. Venkata Rao Dr.D.Jagadish **Coordinator** P. Sravani	11:30 AM-01:30 PM	**Session-3** **(Thermal Engineering)** Session Chairs Dr.P.S Rama Srikanth Dr.M. Venkanna Babu **Coordinator** Ch. Sekhar
02.00 PM-04:30 PM	**Session-2** **(Production Engineering)** Session Chairs Dr.Kali Charan Rath, Dr.P. Suresh Babu **Coordinator** M.Venkaiah	02.00 PM-04:00 PM	**Session-4** **(Advance Topics in Mechanical)** Session Chairs Dr.M. Balaji Dr.D.Jagadish **Coordinator** K. John babu
		04.00 PM-04:15 PM	*Valedictory Session*

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(AUTONOMOUS)

Attendance sheet

International Conference on Emerging Trends in Mechanical Engineering and Industrial Automation
NEC-ICETMEIA-2K24
April 19th to 20th 2024
Organized by Department of Mechanical Engineering
Narasaraopeta Engineering College (AUTONOMOUS)

Session-1: **Design Engineering**

Session Chairs- **Dr.K. Venkata Rao**, Professor and **Dr.D.Jagadish**, Professor

Coordinator: **Mrs. P. Sravani**, Assoc. Professor

April 19th (11.45 AM- 01.30 PM)

	Name of the Corresponding Author	Mobile Number of the Corresponding Author (WhatsApp Number only)	Name of the Institute / Industry	Delegate Type	Paper Title	Enter Fee Payment UTR ID
1	P. Sravani	8008310265	Narasaraopeta Engineering College	Faculty	Leakage detection by using PLC in Oil and Gas Industries	446714663470
2	N. Vijay Kumar	9542471591	Pace Institute of Technology and Sciences	Faculty	Performance analysis on 4 stroke Internal Combustion engine with EGR by using mahuva oil blends	410134265590
3	Sk.C.M. Subhani	7702801917	Eswar College of Engineering	Faculty	Thermal Analysis of Engine Cylinder with Fins by using ANSYS Workbench	410195860079
4	NALLURI NAVEEN	9110531174	Narasaraopeta engineering college	Student	Design And Fabrication of 3D Printed Plane Turbine Mechanism	410209993367
5	Shaik Manisha	9010349038	Narasaraopet Engineering college	Student	Automatic HVAC system screen development using SCADA	410225820501
6	Ramanjaneyulu Balle	9346260686	Narasaraopeta Engineering College	Student	Analysis of wing location on Aerodynamic Performance of Airplane	410386863238
7	ADAKA GOPIRAJU	8688787739	Narasaraopeta engineering college	Student	Automatic Colour Code Sensing Machine Controlled by PLC	410325412488
8	Somisetty Vaneela	9494291818	RISE KRISHNA SAI GANDHI	Faculty	Design And Fabrication of Automatic Pneumatic Clutch and Braking System	410474600491
9	k srinivasarao	7995753424	pace institute of technology & sciences	Faculty	Design And FEA Analysis of Steam Boiler At Different Flow Conditions	410438338871
10	GOLLA SUNDARA SAMRAJYA SUGNAN	6304788063	Narasaraopeta Engineering College	Student	Comparative study of S1223RTL Airfoil with NACA 0012 Airfoil	410425707886
11	K SRINIVASA RAO	7995713424	PACE Institute of Technology & Sciences,Ongole	Faculty	Performance of A Finned-Tube Evaporator Optimized For Different Mixed Refrigerants on System Efficiency	410610540628
12	Y Srinivasa Reddy	9440236052	PACE Institute of Technology & Sciences, Ongole	Faculty	Design And Analysis of Reactor Pressure Vessel Using Composite Material at Different Positions	410776193063
13	Harinadh Duddala	9121855399	Seshadri Rao Gudlavalleru Engineering College	Student	Charecterization and optimization of tribological properties of Al -4032/Sic alloy and reinforced material SiC metal Matrix composites fabricated through stir Stir Casting process	410797

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International Conference on Emerging Trends in Mechanical Engineering and Industrial Automation
NEC-ICETMEIA-2K24
April 19th to 20th 2024
Organized by Department of Mechanical Engineering
Narasaraopeta Engineering College (AUTONOMOUS)

Session-2: **Production Engineering**

Session Chairs- **Dr.Kali Charan Rath**, Professor and **Dr.P.Suresh Babu**, Assoc. Professor

Coordinator: **Mr. M.Venkaiah**, Assoc. Professor

April 19th (2:00 - 04.30 PM)

	Name of the Corresponding Author	Mobile Number of the Corresponding Author (WhatsApp Number only)	Name of the Institute / Industry	Delegate Type	Paper Title	Enter Fee Payment UTR ID
1	BALAGA MOHAN	9346371889	Narasaraopeta Engineering College	Student	WI-FI Controlled Car	410107725407
2	N. Abhiram chowdary	9063257529	Narasaraopeta Engineering College	Student	Design And Fabrication of Linear Motion By Using 3D Printer	410198304275
3	KOYA DINESH	8712351503	Sheshadri Rao gudlavalleru engineering College	Student	Preparation and Characterization of Aluminum-Bronze Alloy	410396115627
4	Poluboyina Mohan Chand	7032288778	Seshadri Rao Gudlavalleru Engineering College	Student	Production And Characterization of Ternary Alloy (Al-Cu-Mg) With Different Weight Fractions	410302521962
5	K Anupama Francy	9542098908	Vishnu Institute of Technology	Faculty	Fabrication of Pneumatic Arm Hammer and Nail Puller	4104291615989
6	Shaik Parvez	9849878885	Narasaraopeta Engineering College	Student	Analysis of Ultrasonic Testing on Hot Rolled Mild Steel Plate	410398324849
7	Dr.P.S.Rama srekanth	7854075580	VIT-AP University	Faculty	Influence of Gamma Radiation on Thermoplastic Polymeric Materials: A Review	410456026320
8	CH. RANGA RAO ,	9618057592	Andhra Loyola Institute Of Engineering And Technology	Student	Working of Button Operated Electromagnetic Gear Shifting for Two-Wheeler	410586746778
9	Balaji Naik Mudavath	8500857969	University college of Engineering, Narasaraopet	Faculty	Decarbonisation of Internal Combustion Engine	410637679740
10	PRUDHVI DURGA BHARATH CHANDAN	9849430245	Narasaraopet Engineering college	Student	Defect Detection on Welded Joints Using Ultrasonic Testing	410619452797
11	A. MADHU KIRAN ,	9948971567	Andhra Loyola Institute Of Engineering And Technology	Student	Working of Footstep Power Generation Using Piezo Electric Effect	410658217132
12	Gaddala Sulochana	8186856182	UCEN NARASARAOPETA JNTUK	Faculty	Performance of DI Diesel engine based on Jetropha oil Methyl Ethyl ester and its blends.	410759687236
13	KOLUKULA HEMASUNDARARAO	6281159070	chirala engineering college	Faculty	Improvement of Mechanical properties of Aluminium Boron Carbide composites	[illegible]

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International Conference on Emerging Trends in Mechanical Engineering and Industrial Automation

NEC-ICETMEIA-2K24

April 19th to 20th 2024

Organized by Department of Mechanical Engineering

Narasaraopeta Engineering College (AUTONOMOUS)

Session-3: Thermal Engineering

Session Chairs- Dr.P.S Rama Srikanth, Professor and Dr.M. Venkanna Babu, Assoc. Professor

Coordinator: Mr.Ch. Sekhar, Assoc. Professor

April 20th (11:30 - 01.30 PM)

	Name of the Corresponding Author	Mobile Number of the Corresponding Author (WhatsApp Number only)	Name of the Institute / Industry	Delegate Type	Paper Title	Enter Fee Payment UTR ID
1	Bommali Bala Siva Yogendra Sai Nandu	9493763263	Narasaraopeta Engineering College	Student	Design And Fabrication Of Multi-Mode Robotic Car	410149578607
2	TALISETTI SAI RATNAM	9347905677	Aditya Engineering college	Student	Optimization of wear Behaviour of Al 6082/ B4C/ MoS2 Hybrid Metal Matrix Composite	410183509497
3	R Naga Kameswara Manikanta Pavan	6300042727	Aditya University	Student	Investigation of mechanical properties of Al6082/Silicon Dioxide/Graphene reinforced hybrid Metal Matrix composites	410187992813
4	Kotha Gopi	6300672680	Narasaraopeta engineering college	Student	Developing of material segregation system by using PLC	410321892545
5	D RAGHAVENDRA	9502582263	NEC	Faculty	Fabrication of Stamping Mechanism	410414961537
6	Morapakula Charan Teja	7288826334	Narasaraopeta Engineering college	Student	Design And Fabrication of Dexterity of A Human Hand By Using 3D Printing	410406434108
7	Balaram Das	9437217763	GIET University, Odisha	Faculty	Design and Implementation of a Fuzzy Logic Controller for Integrating Hybrid Distributed Generation Systems with DC Microgrids: A MATLAB Approach	410472926218
8	Balaram Das	9437217763	GIET University, Odisha	Faculty	Optimizing Energy Efficiency through Advanced Demand Side Management Strategies in the e-Energy Landscape	410468126969
9	MOTURI MOHAN	8247858885	Seshadri Rao gudlavalleru engineering college	Student	An experimental study on R134a vcrs with A diffuser at vapour line	410593809372
10	Dr.R.Jyothu Naik	9949841040	Rayalaseema University, Kurnool	Faculty	Recent advances in the thermal barrier coatings for extreme environments	447266718186
11	I. sri phani sushma,	9493636116	University College Of Engineering Narasaraopet(JNTUK)	Faculty	Fabrication of solar powered seed sprayer	410753089778
12	Dr. KASUKURTHI PRAKASH BABU	9542050067	Azad College of Engineering and Technology	Faculty	CFD Analysis of mass fraction of refrigerant leak into the passenger compartment through the HVAC Unit	410776810741
13	PATHAN KHAJA MOHIDDIN	7981118124	Kallam Haranadh Reddy Institute Of Technology	Student	Reverse Engineering Technique And Its Applica... Using 3D Printing	410797939168

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NEC-ICETMEIA-2K24

April 19th to 20th 2024

Organized by Department of Mechanical Engineering

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Session-4: Advanced Manufacturing Topics

Session Chairs-Dr.M. Balaji, Assoc. Professor and Dr.D.Jagadish, Professor

Coordinator: Mr. K.John Babu, Asst. Professor

April 20th (02:00 -04:30 PM)

	Name of the Corresponding Author	Mobile Number of the Corresponding Author (WhatsApp Number only)	Name of the Institute / Industry	Delegate Type	Paper Title	Enter Fee Payment UTR ID
1	VAKA SAMBASIVA RAO	9000810486	vasireddy venkatadri institute of technology	Faculty	Design of Press tool using cam and follower mechanism	410195332415
2	vaka sambasiva rao	9000810486	vasireddy venkatadri institute of technology	Faculty	Design of splitter using rock and pinion mechanism	410109649384
3	JANAPAREDDI PRASAD	6302866129	Narasaraopeta engineering college	Student	Design and Analysis of Marine Propeller Shaft by using Finite Element Analysis	410183555006
4	Poluri krishna chaithanya	9110506150	Narasaraopeta engineering college	Student	Foldable mobility scooter	410496162823
5	Kali Charan Rath	9438105974	GIET University, Odisha	Faculty	Design and Fabrication of Pedal Based Grinder	410449057814
6	CHATTA VENKATRAMAIAH	9391826463	Narasaraopeta Engineering College	Student	IOT Based Accident Alerting System	T240413202913 4265193492
7	BAANANA PRADEEP KUMAR	6300812903	Narasaraopet engineering college	Student	Design and 3D Printing of Walking Gear Mechanism	410601127908
8	A RADHA	9491006227	Kshatriya College of Engineering,Nizamabad	Faculty	Arduino Based Third Eye For Blind People	410658405087
9	P.SAIKIRAN YADAV, SK MABU SUBHANI, B.SAI GANESH	8125921862	NARASARAOPETA ENGINEERING COLLEGE	Student	Design And Analysis of Car Bumper by Using Finite Element Analysis	410653452940
10	P.Purna Candrarao	8919408251	Narasaraopeta Engineering College	Student	Car Parking Management Controlled by PLC Software	410682199300
11	Dr. BAZANI SHAIK	9966786948	RAMACHANDRA COLLEGE OF ENGINEERING	Faculty	Investigations of Structural Materials with Tribiological behaviour of Reinforced Matrix Composites	410682643530
12	NALLAPU SURYA PRAKASH	9441651072	Bapatla Engineering College	Student	Surface Coating Techniques for Magnesium Alloys â€“ A Review	410741110511
13	Guduri Ram	9676334327	Sreenidhi Institute of Science & Technology	Faculty	Pedal Powered Electric Bike	4473614[illegible]

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Program Report

Report

on

4th International Conference on Emerging Trends in Mechanical Engineering and Industrial Automation

NEC-ICETMEIA-2K24

April 19th to 20th 2024

NEC

CONVENER

Dr. B. Venkata Siva

Professor & H.O.D

Organized by

Department of Mechanical Engineering

Narasaraopeta Engineering College (AUTONOMOUS)

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International Conference on Emerging Trends in Mechanical Engineering and Industrial Automation NEC-ICETMEIA-2K24 was organized during April 19th to 20th 2024, by **Department of Mechanical Engineering, Narasaraopeta Engineering College**, Narasaraopet, Andhra Pradesh, India in association with Institute of Engineers (India), Indian Society for Technical Education (ISTE) and The American Society of Mechanical engineers (ASME). The NECICETMEIA-2K24 is conceived as a forum for presenting and Exchanging Ideas and Results of high quality research work in cutting edge technologies and most happening areas of Mechanical Engineering and allied areas of Mechanical Engineering.



The NEC-ICETMEIA2K24 solicited latest research ideas on Mechanical Engineering and thus inviting researchers working in the domains of Manufacturing, Thermal Sciences, Fluid Mechanics, Mechanical Design, Robotics, Mechatronics and Industrial Automation.

The sincere effort of the program committee members and organizing committee members coupled with indexing initiatives from conference advisory committee members have drawn a large number of high-quality submissions from students, research scholars, and faculty members all over India and abroad. The NEC-ICETMEIA2K24 team as a whole received around 75 submissions and peer review committee has accepted only 52 quality papers of them, which is around 70 % of the submissions. All the accepted papers are published in

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"Proceedings on Mechanical Engineering and Industrial Automation (ICETMEIA2K24) with ISBN: 978-93-91420-93-2.

The Conference brings together over 150 delegates from around the world and from a range of institutions and organizations to exchange ideas and discuss the challenges in Mechanical Engineering and Allied Areas. The Conference is structured with two keynote sessions by eminent professors/Engineers followed by four technical sessions which were chaired by distinguished faculty of outstanding institutions of the country.

The **NEC-ICETMEIA2K24** was organized through mixed mode of both online and offline, Microsoft Teams platform was used for the online. The inaugural function was started by welcoming all the dignitaries, delegates, and participants to the Conference by **Dr. B.Venkata Siva** Professor & Head of Department of Mechanical Engineering & Convener of **NEC-ICETMEIA2K24** addressed the gathering by giving the welcome note on the conference followed by the opening remarks of **Dr. D.Suneel** Professor & Vice-Principal. Then the Principal and Conference Co-patron **Dr M.Sreenivasa Kumar** addressed the gathering. The Keynote speaker of 1st Day **Mr.R.S. Pushyanth Kumar, Design Engineer, CLAAS KGaA mbH, Germany** has given the inaugural message. The inaugural function of **conference was** concluded with Vote of thanks by **Dr. D. Jagadish,** Co-Convenor. The Second day Key note presentation was delivered by **Mr. Nagarjuna Ravella, Automation Engineer, Accenture GmbH, Hamburg, Germany**.



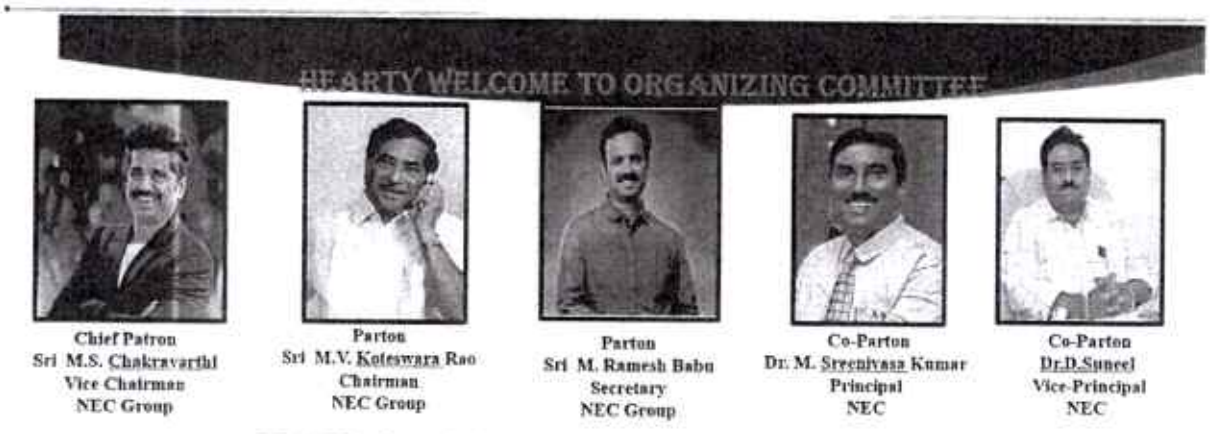
INVITATION TO THE DELEGATES

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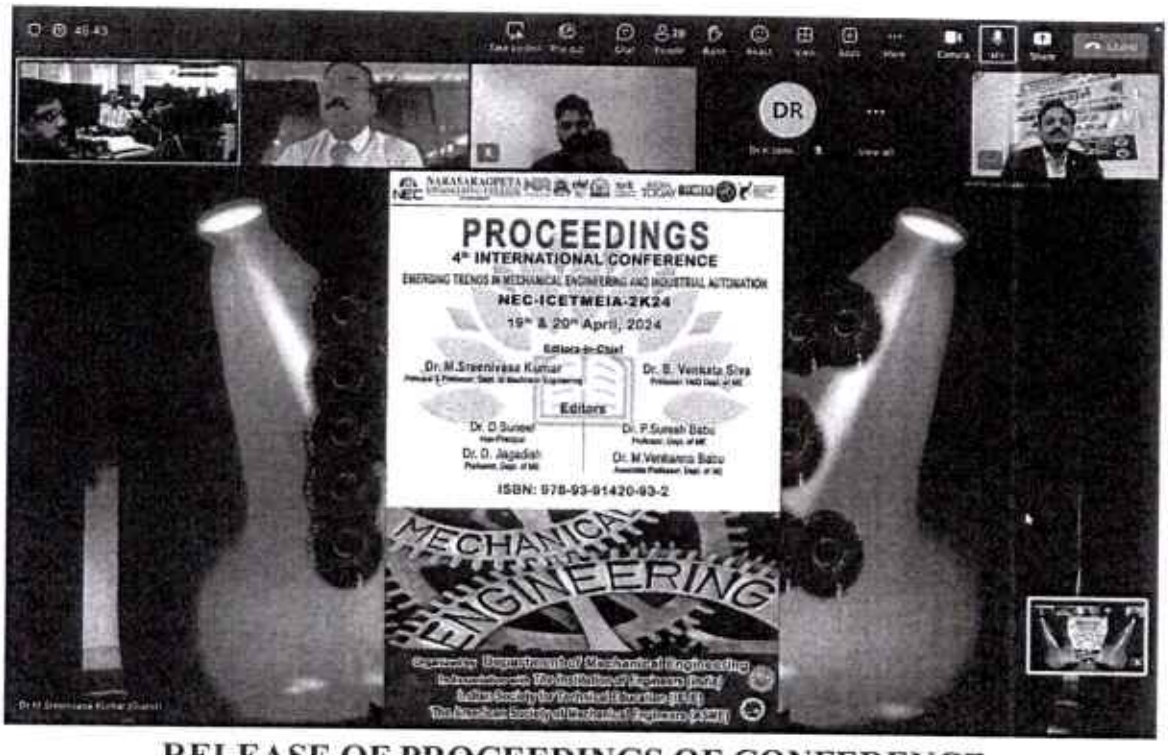
PATRONS OF THE CONFERENCE



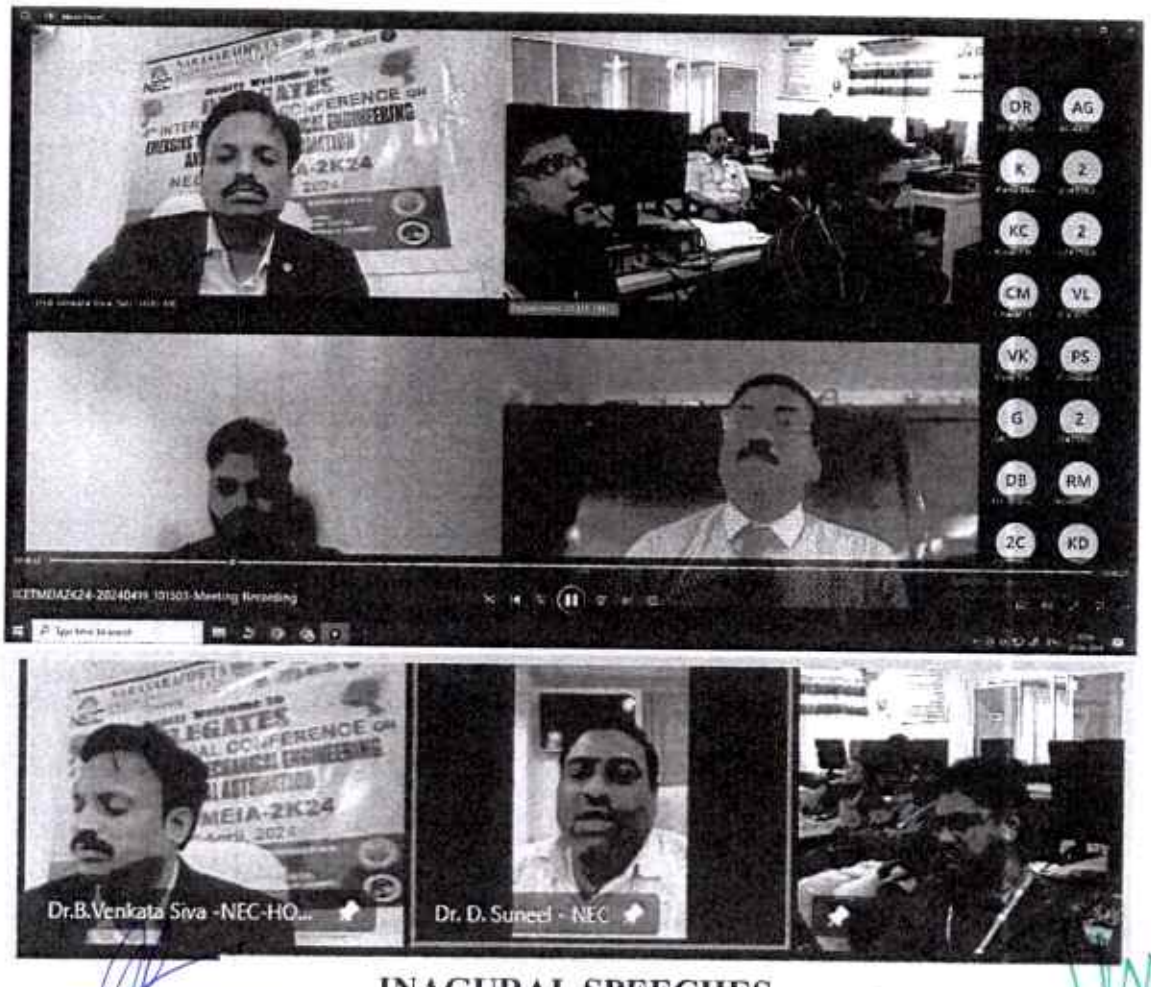
SESSION CHAIRS

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RELEASE OF PROCEEDINGS OF CONFERENCE



INAGURAL SPEECHES

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First Day Keynote Speech Was Presented By Mr. R.S. Pushyanth Kumar:

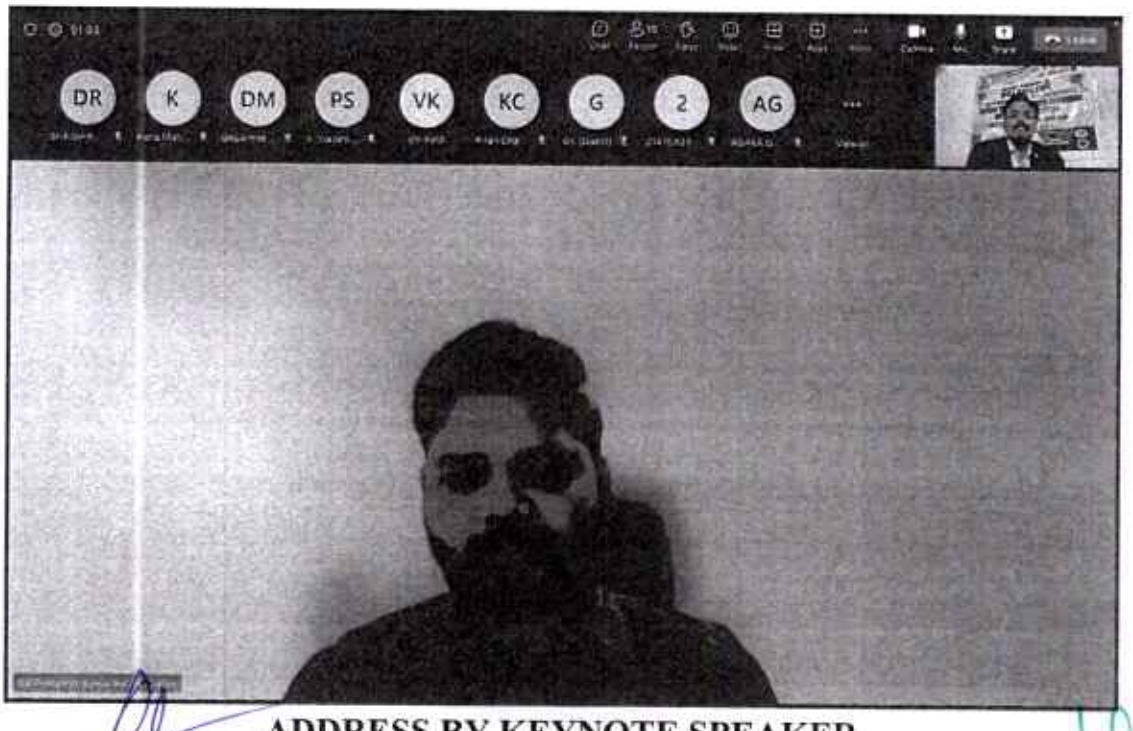


Mr. R S PUSHYANTH KUMAR
Design Engineer,
CLAAS KGaA mbH, Germany

KEYNOTE BY MR. R.S. PUSHYANTH KUMAR

Bio-data of Mr. R.S. Pushyanth Kumar:

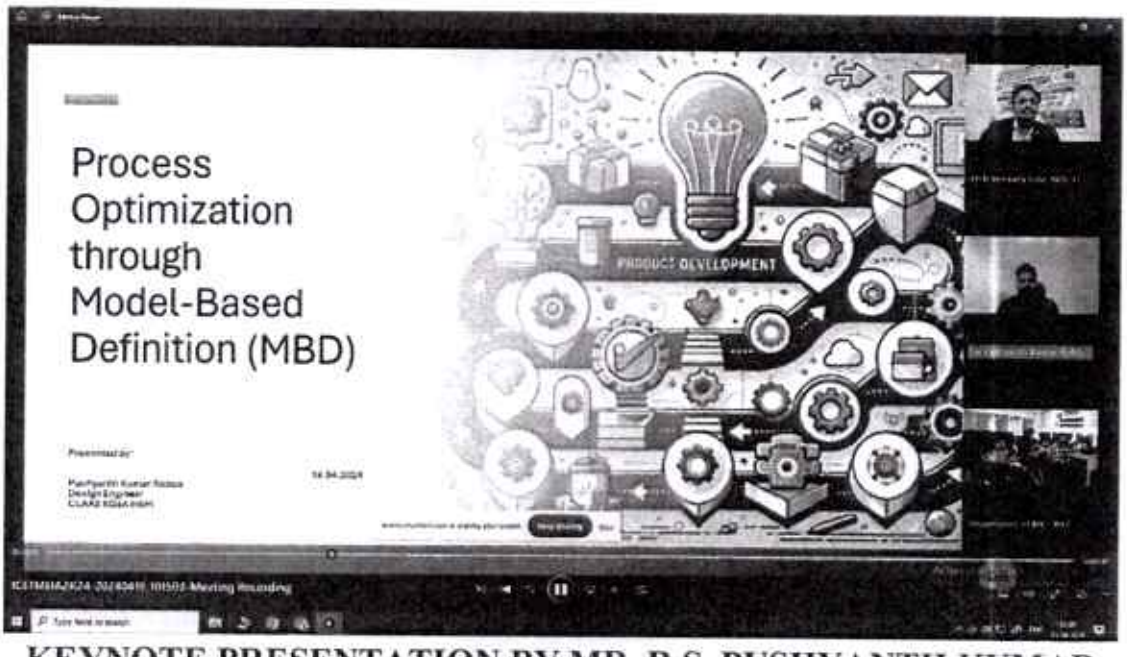
Mr. R.S. Pushyanth Kumar completed his Masters in Systems Engineering for Manufacturing, Bachelors in Mechanical Engineering. He acquired skills and qualifications in Mechanical Design Engineer with technical and project management proficiencies in Product Design and Development. He has good experienced in CATIA, Solid works, Siemens NX, Creo, MATLAB/Simulink, ANSYS, 3DCS, GD&T, SAP, Process Optimization and Project management.



ADDRESS BY KEYNOTE SPEAKER

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KEYNOTE PRESENTATION BY MR. R.S. PUSHYANTH KUMAR

In his Keynote speech highlighted on Process Optimization through Model-Based Definition (MBD). He spoke on the importance of the MBD approach enables rapid, homogeneous, and cost-effective development and deployment of products from conception to disposal in an optimized and efficient 3D product lifecycle process that satisfies the needs of all users. He also mentioned the opportunities for the engineers in the field of process optimization. He spoke also on the scope of mechanical engineers in these fields.

Second Day Keynote Speech Was Presented By Mr. Nagarjuna Ravella:



Mr. NAGARJUNA RAVELLA
Automation Engineer,
Accenture GmbH, Hamburg, Germany

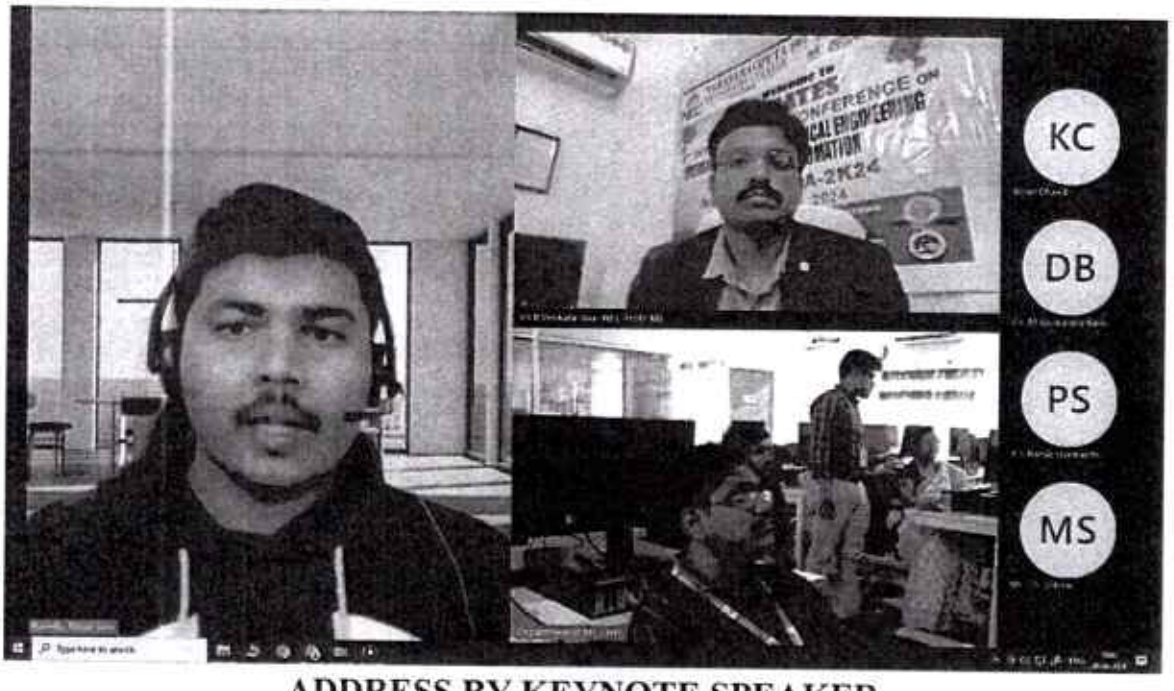
KEYNOTE BY MR. NAGARJUNA RAVELLA

Biodata of Mr. Nagarjuna Ravella:

Mr. Nagarjuna Ravella Completed B.Tech in Mechanical Engineering. He obtained his master degree in Scientific Instrumentation at Ernst Abbe Hochschule Jena, 07747, Jena, Germany. His master's thesis is on optimisation of Organic Photovoltaic modules at Asca GmbH, 97318, Kitzingen. Presenrt he is working as an Automation and Digitisation Engineer at Accenture GmbH, 21079, Hamburg.

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ADDRESS BY KEYNOTE SPEAKER



KEYNOTE PRESENTATION SLIDES : MR. NAGARJUNA RAVELLA

In his Keynote speech highlighted on Industrial Automation. He spoke on what is Industrial Automation, What it means for Industries, AI use cases in different industries and Ai use cases related to manufacturing and engineering. . He also mentioned the opportunities for the engineers in the field of industrial Automation. He spoke also on the scope of mechanical engineers in these fields.

In Day 1 soon after completion of keynote presentation the Sessions started

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Day-1: Session-I

Friday, 19th April 2024 (11:45 to 1:30 PM)

In this session the papers from **Design Engineering** was given preference. **13 papers** were presented in this session. The session is chaired by **Dr. K. Venkata Rao, Professor, Vignan Univ. A.P.**, and internal chair is **Dr. D. Jagadish,** Professor, Dept. of ME, NEC. **Mrs. P. Sravani,** Asst. Professor, Dept. of ME, NEC acted as coordinator.





Characterization and Optimization of tribological parameters of Al-4032 alloy and reinforced material SiC metal matrix composites

Presented by:

Dr.K.Ch.Kishor Kumar (Guide)
D.Harinadh
D.Guru jai Kiran
A.Kiran Teja
Ch. Pavani
Ch. Jagadish Varma

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PAPER ID:NECICETMEIAD13

Department of Mechanical Engineering
Seshadri Rao Gudlavalleru Engineering College

SESSION PHOTOS

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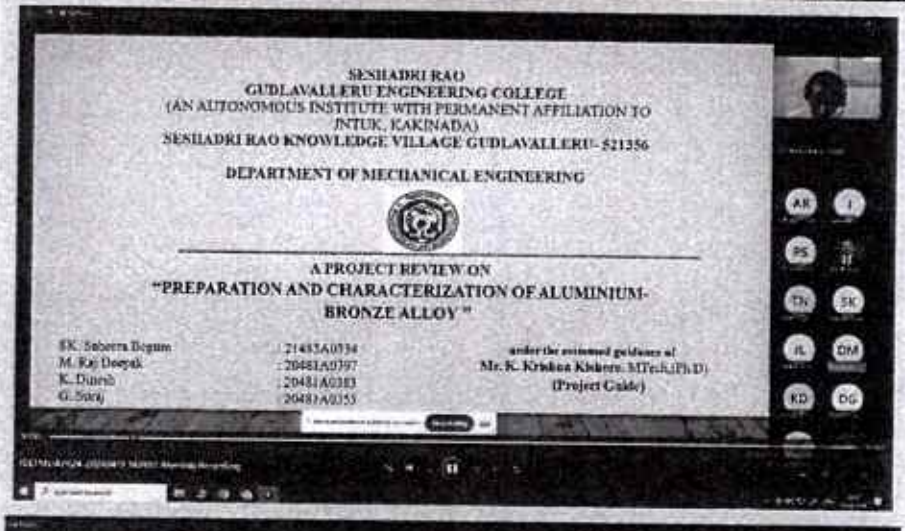
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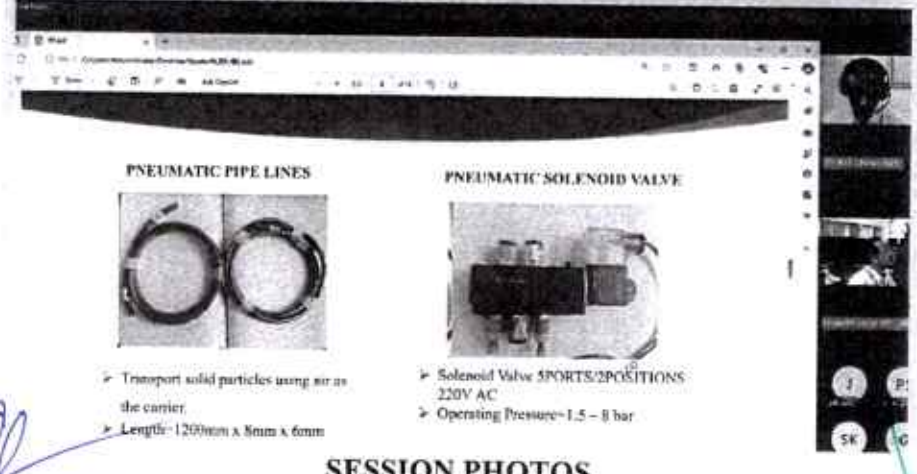
Day-I Session-II

Friday, 19th April 2024 (2:00 to 4:30 PM)

In this session the papers from **Production Engineering** were given preference. **13 papers** were presented in this session. The session is chaired by **Dr. Kali Charan Rath, Professor, GIET Univ. Odisha.,** and internal chair is **Dr. P. Suresh Babu**, Professor Dept. of ME, NEC. **Mr. M. Venkaiah**, Assoc. Professor, Dept. of ME, NEC acted as coordinator.







SESSION PHOTOS

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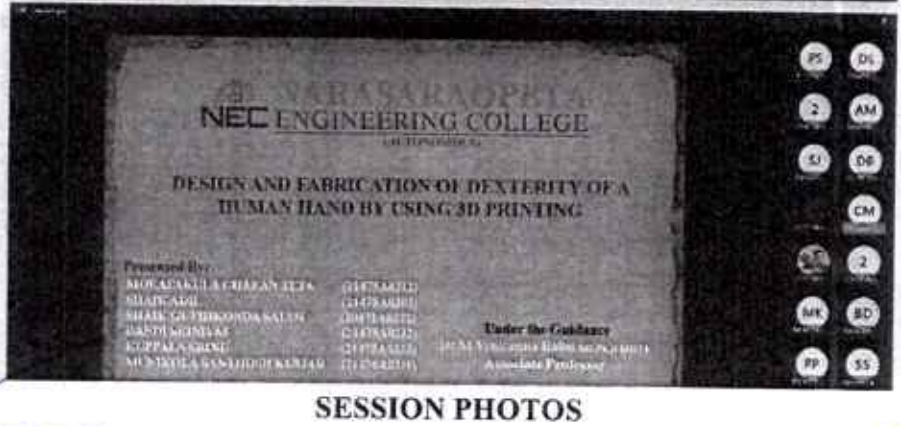
Day-2 Session-III

Saturday, 20th April 2024 (11:30 to 1:30 PM)

In this session the papers from **Thermal Engineering** were given preference. **13 papers** were presented in this session. The session is chaired by **Dr. P.S Rama Srikanth, Professor, VIT Univ. A.P.,** and internal chair is **Dr. M. Venkanna Babu**, Assoc. Professor, Dept. of ME, NEC. **Mr. Ch. Sekhar** Assoc. Professor, Dept. of ME, NEC acted as coordinator.







SESSION PHOTOS

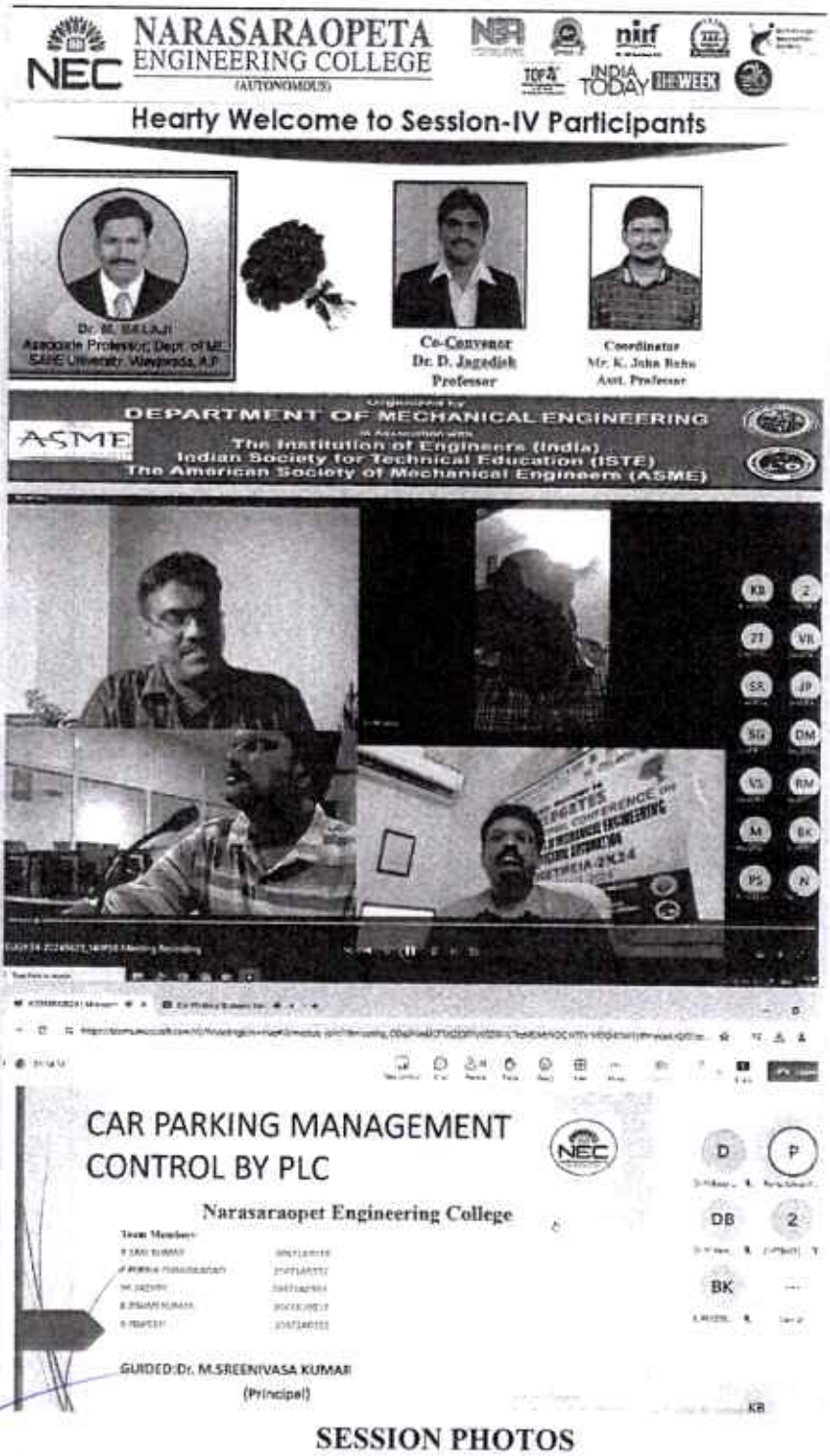
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Day-2 Session-III

Saturday, 20th April 2024 (2:00 to 4:00 PM)

In this session the papers from **Advance Topics in Mechanical** were given preference. **13 papers** were presented in this session. The session is chaired by **Dr. M. Balaji, Assoc. Prof. SAHE Univ. A.P.**, and internal chair is **Dr. D. Jagadish,** Professor, Assoc. Professor, Dept. of ME, NEC. **Mr. K. John Babu** Asst. Professor, Dept. of ME, NEC acted as coordinator.



SESSION PHOTOS

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VALEDICTORY SESSION:

The Conference concluded with Valedictory session. **Dr. B.Venkata Siva**, Convener of **ICETMEIA2K24** gave closing remarks. **Dr. M. Sreenivasa Kumar** Principal, Narasaraopeta Engineering College appreciated the whole conference team for organizing the event in big-way through online mode. Few enthusiastic participants have shared their feedback about the Conference.

The conference concluded with Vote of thanks by **Dr. M. Venkanna Babu** and Gratitude was expressed to the Management, Principal, Conveners, Program chairs, Technical and Organizing chairs, Keynote Speakers, Session chairs, Authors, and participants.

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CONFERENCE SCHEDULES

INAUGURAL SCHEDULE

19-04-2024	**Inaugural Session (10:00AM–10:30AM)**
Inaugural Session Online	
9:30-10:00AM	Sharing of Login Link and Joining of the Participants
10:00AM	Welcome Address & Introduction to International Conference **NEC-ICETMEIA-2K24** by Convener **Dr. B. Venkata Siva, H.O.D. Mech.**
10:10AM	Address by "**Dr. D. Suneel**", Co-Patron- **NEC-ICETMEIA- 2K24,** Vice Principal, Narasaraopeta Engineering College
10:15AM	Address by Co-Patron "**Dr. M. Sreenivasa Kumar**", Principal, Narasaraopeta Engineering College, Narasaraopet, A.P, India.
	Address by Chief Patron" **Sri M. S. Chakravarthi**", Vice Chairman NEC Group.
10:25AM	Address by **Mr. R.S. Pushyanth Kumar**, Keynote Speaker Design Engineer, CLAAS KGaA mbH, **Germany.**
10.30AM	Release the Conference Proceeding with the hands of all dignitaries
10:35AM	Vote of Thanks by " **Dr. D. Jagadish**" Co-Convener **NEC-ICETMEIA- 2K24**
10:40AM	**National Anthem**

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SCHEDULE OF KEYNOTE ADDRESS

Time(IST)	Friday, 19th April 2024
10.00 AM-10.40 AM	Inaugural Ceremony (Online) **Join Link** **https://tinyurl.com/ICETMEIA2K24**
10.45AM-11:45 AM	Keynote Address by **Mr. R.S. Pushyanth Kumar** Design Engineer, CLAAS KGaA mbH, **Germany.** **Join Link** **https://tinyurl.com/ICETMEIA2K24** Coordinator: Dr. D. Jagadish

Time(IST)	Saturday, 20th April 2024
10:00 AM-11:00 AM	KeynoteAddress by **Mr. Nagarjuna Ravella** Automation Engineer, Accenture GmbH, Hamburg, **Germany.** **Join Link** **https://tinyurl.com/ICETMEIA2K24** Coordinator: Dr. M. Venkanna Babu

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SESSIONS SCHEDULE

Join Link: https://tinyurl.com/ICETMEIA2K24

Time(IST)	Friday, 19th April 2024	Time(IST)	Saturday, 20th April 2024
11.45 AM-01.30 PM	**Session-1** **(Design Engineering)** Session Chairs- Dr. K. Venkata Rao, Profesor, Vignan Univ. A.P. Dr. D. Jagadish, Professor, NEC **Coordinator** Mrs. P. Sravani, Assistant Professor, NEC	11:30 AM-01:30 PM	**Session-3** **(Thermal Engineering)** Session Chairs Dr. P.S Rama Srikanth, Professor, VIT Univ. A.P. Dr. M. Venkanna Babu, Associate Professor, NEC **Coordinator** Mr. Ch. Sekhar Associate Professor, NEC
02.00 PM-04:30 PM	**Session-2** **(Production Engineering)** Session Chairs Dr. Kali Charan Rath, Professor, GIET Univ. Odisha Dr. P. Suresh Babu, Professor, NEC **Coordinator** Mr. M. Venkaiah Associate Professor, NEC	02.00 PM-04:00 PM	**Session-4** **(Advance Topics in Mechanical)** Session Chairs Dr. M. Balaji, Assoc. Prof. SAHE Univ. A.P. Dr. D. Jagadish, Professor, NEC **Coordinator** Mr. K. John Babu Assistant Professor, NEC
		04.00 PM-04:15 PM	*Valedictory Session*

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PRESENTED PAPER TITLES

Session-1: Design Engineering

April 19th (11.45 AM- 01.30 PM)

PAPER ID	TITLE
NECICETMEIAD01	Leakage detection by using PLC in Oil and Gas Industries
NECICETMEIAD02	Performance analysis on 4 stroke Internal Combustion engine with EGR by using mahuva oil blends
NECICETMEIAD03	Thermal Analysis of Engine Cylinder with Fins by using ANSYS Workbench
NECICETMEIAD04	Design And Fabrication of 3D Printed Plane Turbine Mechanism
NECICETMEIAD05	Automatic HVAC system screen development using SCADA
NECICETMEIAD06	Analysis of wing location on Aerodynamic Performance of Airplane
NECICETMEIAD07	Automatic Colour Code Sensing Machine Controlled by PLC
NECICETMEIAD08	Design And Fabrication of Automatic Pneumatic Clutch and Braking System
NECICETMEIAD09	Design And FEA Analysis of Steam Boiler At Different Flow Conditions
NECICETMEIAD10	Comparative study of S1223RTL Airfoil with NACA 0012 Airfoil
NECICETMEIAD11	Performance of A Finned-Tube Evaporator Optimized For Different Mixed Refrigerants on System Efficiency
NECICETMEIAD12	Design And Analysis of Reactor Pressure Vessel Using Composite Material at Different Positions
NECICETMEIAD13	Characterization and optimization of tribological properties of Al -4032/Sic alloy and reinforced material SiC metal Matrix composites fabricated through stir Stir Casting process

Session-2: Production Engineering

April 19th (2:00 - 04.30 PM)

Paper ID	Title
NECICETMEIAP01	WI-FI Controlled Car
NECICETMEIAP02	Design And Fabrication of Linear Motion By Using 3D Printer
NECICETMEIAP03	Preparation and Characterization of Aluminum-Bronze Alloy
NECICETMEIAP04	Production And Characterization of Ternary Alloy (Al-Cu-Mg) With Different Weight Fractions
NECICETMEIAP05	Fabrication of Pneumatic Arm Hammer and Nail Puller
NECICETMEIAP06	Analysis of Ultrasonic Testing on Hot Rolled Mild Steel Plate
NECICETMEIAP07	Influence of Gamma Radiation on Thermoplastic Polymeric Materials: A Review
NECICETMEIAP08	Working of Button Operated Electromagnetic Gear Shifting for Two-Wheeler
NECICETMEIAP09	Decarburization of Internal Combustion Engine
NECICETMEIAP10	Defect Detection on Welded Joints Using Ultrasonic Testing
NECICETMEIAP11	Working of Footstep Power Generation Using Piezo Electric Effect
NECICETMEIAP12	Performance of DI Diesel engine based on Jetropha oil Methyl Ethyl ester and its blends.
NECICETMEIAP13	Improvement of Mechanical properties of Aluminium Boron Carbide composites

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Session-3: Thermal Engineering

April 20th (11:30 - 01.30 PM)

Paper ID	Title
NECICETMEIAT01	Design And Fabrication Of Multi-Mode Robotic Car
NECICETMEIAT02	Optimization of wear Behaviour of Al 6082/ B4C/ MoS2 Hybrid Metal Matrix Composite
NECICETMEIAT03	Investigation of mechanical properties of Al6082/Silicon Dioxide/Graphene reinforced hybrid Metal Matrix composites
NECICETMEIAT04	Developing of material segregation system by using PLC
NECICETMEIAT05	Fabrication of Stamping Mechanism
NECICETMEIAT06	Design And Fabrication of Dexterity of A Human Hand By Using 3D Printing
NECICETMEIAT07	Design and Implementation of a Fuzzy Logic Controller for Integrating Hybrid Distributed Generation Systems with DC Microgrids: A MATLAB Approach
NECICETMEIAT08	Optimizing Energy Efficiency through Advanced Demand Side Management Strategies in the e-Energy Landscape
NECICETMEIAT09	An experimental study on R134a vcrs with A diffuser at vapour line
NECICETMEIAT10	Recent advances in the thermal barrier coatings for extreme environments
NECICETMEIAT11	Fabrication of solar powered seed sprayer
NECICETMEIAT12	CFD Analysis of mass fraction of refrigerant leak into the passenger compartment through the HVAC Unit
NECICETMEIAT13	Reverse Engineering Technique And Its Application Using 3D Printing

Session-4: Advanced Manufacturing Topics

April 20th (02:00 -04:30 PM)

Paper ID	Title
NECICETMEIAM01	Design of Press tool using cam and follower mechanism
NECICETMEIAM02	Design of splitter using rock and pinion mechanism
NECICETMEIAM03	Design and Analysis of Marine Propeller Shaft by using Finite Element Analysis
NECICETMEIAM04	Foldable mobility scooter
NECICETMEIAM05	Design and Fabrication of Pedal Based Grinder
NECICETMEIAM06	IOT Based Accident Alerting System
NECICETMEIAM07	Design and 3D Printing of Walking Gear Mechanism
NECICETMEIAM08	Arduino Based Third Eye For Blind People
NECICETMEIAM09	Design And Analysis of Car Bumper by Using Finite Element Analysis
NECICETMEIAM10	Car Parking Management Controlled by PLC Software
NECICETMEIAM11	Investigations of Structural Materials with Tribiological behaviour of Reinforced Matrix Composites
NECICETMEIAM12	Surface Coating Techniques for Magnesium Alloys â€“ A Review
NECICETMEIAM13	Pedal Powered Electric Bike

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Best Papers Awarded in Each Session List

PAPER ID	PAPER TITLE
NECICETMEIAD13	Characterization and optimization of tribological properties of Al - 4032/Sic alloy and reinforced material SiC metal Matrix composites fabricated through stir Stir Casting process
NECICETMEIAP09	Decarburization of Internal Combustion Engine
NECICETMEIAT06	Design And Fabrication of Dexterity of A Human Hand By Using 3D Printing
NECICETMEIAM10	Car Parking Management Controlled by PLC Software

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CONFERENCE POSTER

NARASARAOPETA ENGINEERING COLLEGE

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Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada,
Accredited 'A+' Grade by NAAC, Accredited by NBA & NIRF Rankings 2022 (251-300 Band)

4th INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN MECHANICAL ENGINEERING AND INDUSTRIAL AUTOMATION

(ONLINE/ OFFLINE)

NEC-ICETMEIA-2K24

19th & 20th April, 2024

Organized by Department of **MECHANICAL ENGINEERING**

In Association with The Institution of Engineers (India), Indian Society for Technical Education (ISTE) & The American Society of Mechanical Engineers (ASME)

About the Conference

Department of Mechanical Engineering of Narasaraopeta Engineering College (NEC) Narasaraopet is proud to announce that the 4th International Conference on Emerging Trends in Mechanical Engineering And Industrial Automation NEC-ICETMEIA-2K24 scheduled on 19th & 20th April at NEC, Narasaraopet.

The objective of NEC-ICETMEIA-2K24 is to create an international conglomeration of scientists, engineers, and industrial experts. This forum serves as a platform where people can share information about latest diverse technological advancements, innovations, and achievements in the areas of Mechanical engineering and allied fields of engineering. The conference includes a keynote address and guest lectures by eminent speakers. Further, it would also facilitate discussion on the developments and challenges in the fields of design, manufacturing, thermal, robotics, mechatronics fields of engineering.

Important Dates

Paper Submission opens from	: 11th March, 2024
Paper Submission closes on	: 25th March, 2024
Acceptance Intimation	: 30th March, 2024
Camera Ready Paper, Copy right form Submission & Author Registration	: 06th April, 2024
Conference Dates	: 19th & 20th April, 2024

Topics of the Conference

- Advanced Manufacturing Processes
- 3D Printing
- Green Manufacturing and Industry 4.0
- Conventional & Non-conventional machining processes
- Finite element analysis
- Product design & development
- Mechatronics & Robotics
- Non-Conventional Energy Resources
- Green energy & Energy harvesting
- Refrigeration & Air conditioning
- Tribology
- Combustion & Pollution
- Aerodynamics
- AI in Mechanical Engineering
- Sensors & Actuators
- Flow measurements
- Advanced Composite Materials
- Dispersion and Dispersants
- Polymer composites
- Metal matrix composites
- Smart materials
- Biomaterials
- Solar Energy
- Surface Science & Engineering

Submission Guidelines

- Authors intending to present papers are requested to send Soft copies to necicetmeia2k24@nrtec.in
- The authors are requested to limit the number of pages to 6.
- The selected papers will be notified for registration.
- No. of Authors per paper is limited to four only.
- Certificate will be provided to authors who is presenting paper orally during the conference.
- All the presented Papers will be published in conference Proceedings with ISBN Number.
- The selected papers will be published in UGC-CARE Journals with prior consent of authors.

Registration & Account Details

Categories	Registration Fee	
	Online	Offline
Students / Faculty	Rs. 300/-	Rs. 500/-
R & D / Industry	Rs. 500/-	Rs. 700/-
Foreign Delegates	US$ 50	US$ 100

Name of the Beneficiary : Narasaraopet Engineering College
Special Saving Account No : 922020062983205
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IFSC Code: UTIB0000476

Paper Submission Link:
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Dr. P.Suresh Babu, Professor - 8500857969
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CONFERENCE BROCHURE

About NEC

Narasaraopeta Engineering College was established in the year 1996 by Dayalit Educational Development Society, Narasaraopet, under the leadership of Sri M.V. Koteswara Rao, who has a vision of developing this college as an Autonomous institution of higher learning & knowledge in the heart of Palnadu region. The college is approved by AICTE, permanently affiliated to JNTUK Kakinada, NIRF Ranking (251-300 Band), Accredited 'A+' Grade by NAAC and Accredited quadruple (four times) by NBA. NEC is announced as 'AUTONOMOUS' in the year 2016. The college has launched Incubation Centre where the students can implement their ideas. The college management has an MOU with Oracle University (USA). The college has AP CM's Excellence centre, AI&ML centre and MSME centre. The college offers Ten courses at B.Tech. level in the branches CIVIL, EEE, ME, ECE, CSE, CSE(AI), IT, CSE (AI&ML), CSE (DS) & CSE (CS). The college has well equipped laboratories including 1200 computers with a bandwidth of 1 GBPS internet. Microsoft Innovation Centre was established in the college.

NEC has Indo-European skilling Centre for Mechatronics and Industrial Robotics in collaboration with APSSDC and ARC (Applied Robot Control), Germany. AP CM's Skill Excellence Center is also established to provide students access to the most advanced courses by industry giants. The college has MOU with New Mexico State University, USA., which enables student and faculty exchange programs.

Narasaraopet is known as the gateway of Palnadu. Narasaraopet is a town in Palnadu district and is on the railway line of Guntur to Guntakal. Narasaraopet is 50 Km from Guntur and 25 Km from Chilakaluripet (NH5) by road. Narasaraopet is 120 Km away from Vijayawada Airport. Kotappakonda is the site of major religious pilgrim place of Lord Shiva which is located 5 Km from NEC.

ABOUT THE DEPARTMENT

The Department of Mechanical Engineering was established in the year 2002 with an intake of 60 students. The department offers UG and PG programs. PG programs are being offered in specialization of Machine Design and Thermal Engineering. The UG program of the department is accredited thrice by AICTE-NBA. The department is recognized as research and development centre by JNTUK, Kakinada. The department has excellent infrastructure like E class rooms, AC seminar hall and is well equipped with modern laboratories like Dassault systems and ARC laboratory. Department has equipment beyond curriculum like stir casting machine, 3D printer, Fatigue testing machine, Five gas analyzer, Ultrasonicator, Tool makers microscope, magnetic particle tester etc., The department faculty encourages the students to implement innovative ideas in their project works and R&D. Many of the faculty members are upgrading their skills by attending the FDP, conferences, seminars and workshops in innovative and thrust area technologies regularly. The department has student chapters ISTE, IEI, SMAE & ASME.

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4th INTERNATIONAL CONFERENCE ON Emerging Trends in Mechanical Engineering and Industrial Automation

NEC-ICETMEIA-2K24

(Online / Offline)

19th - 20th April 2024

Organized By
Department of
Mechanical Engineering
In Association With
The Institution of Engineers (India)
Indian Society for Technical Education (ISTE)
The American Society of Mechanical Engineers (ASME)

Narasaraopeta Engineering College (Autonomous)
Kotappakonda Road, Yellamanda (Post),
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Fax No.: 08647-239902
E-Mail: necicetmeia2k24@gmail.com, mechhod@nrtec.in
Website: http://www.nrtec.in

ABOUT THE INTERNATIONAL CONFERENCE

The Department of Mechanical Engineering of Narasaraopeta Engineering College (NEC) Narasaraopet is proud to announce that the 4th International Conference on Emerging Trends in Mechanical Engineering And Industrial Automation NEC-ICETMEIA-2K24 scheduled on 19th & 20th April at NEC Narasaraopet.

The objective of NEC-ICETMEIA-2K24 is to create an international conglomeration of scientists, engineers, and industrial experts. The forum serves as a platform where people can share information about latest diverse technological advancements, innovations and achievements in the areas of Mechanical engineering and allied fields of engineering. The conference includes a keynote address and guest lectures by eminent speakers. Further, it would also facilitate discussion on the developments and challenges in the fields of design, manufacturing, thermal, robotics, mechatronics fields of engineering.

TOPICS OF THE CONFERENCE

- Advanced Manufacturing Processes
- 3D Printing
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- Conventional & Non-conventional machining processes
- Finite element analysis
- Product design & development
- Mechatronics & Robotics
- Non-Conventional Energy Resources
- Green energy & Energy harnessing
- Refrigeration & Air conditioning
- Aerodynamics
- AI in Mechanical Engineering
- Tribology
- Combustion & Pollution
- Sensors & Actuators
- Finite element methods
- Advanced Composite Materials
- Dispersion and Dispersants
- Polymer composites
- Metal matrix composites
- Smart materials
- Biomaterials
- Solar Energy
- Surface Science & Engineering

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i) Authors intending to present papers are requested to send Soft copies to necicetmeia2k24@nrtec.in
ii) The authors are requested to limit the number of pages to 6.
iii) The selected papers will be notified for registration.
iv) No. of Authors per paper is limited to four only.
v) Certificate will be provided to authors who is presenting paper orally during the conference.
vi) All the presented Papers will be published in conference Proceedings with ISBN Number.
vii) The selected papers will be published in UGC-CARE Journals with prior consent of authors.

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Research Scholars / Academicians / Industrial Professionals / students

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REGISTRATION DETAILS

Category	Registration Fee: Online	Offline
Students / Faculty	Rs. 300/-	Rs. 500/-
R & D / Industry	Rs. 500/-	Rs. 700/-
Foreign Delegates	US$ 50	US$ 100

Name of the Beneficiary : Narasaraopet Engineering College
Special Saving Account No : 62202006295320
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IFSC Code: UTIB0000478

Paper Submission Link:
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NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)
Narasaraopet – 522601, Guntur District, A.P.
4th INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN MECHANICAL ENGINEERING AND INDUSTRIAL AUTOMATION
NEC-ICETMEIA-2K24
(Online / Offline)
19th - 20th April, 2024

APPLICATION FORM

1. Name (in Block Letters) : .....
2. Designation : .....
3. College / Organization : .....
4. Address for Communication : .....
Phone No. (with STD Code) : .....
Mobile No : .....
E-mail ID : .....
5. Title of the Paper : .....

IMPORTANT DATES

Paper Submission opens from	11th March, 2024
Paper Submission closes on	25th March, 2024
Acceptance Intimation	30th March, 2024
Camera Ready Paper	
Copy right form Submission & Author Registration	01st April, 2024
Conference Dates	: 19th & 20th April, 2024

DECLARATION

The information provided by me is true to the best of my knowledge. If selected, I agree to abide by rules and regulations of the organization and shall attend the international conference for the entire duration. I also undertake the responsibility to inform the Convenor, in case I am unable to attend the international conference.

Place:
Date:

Signature of the Participant

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NEC

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Press Note &Coverage

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Kotappakonda Road, Yellamanda (P.O), NARASARAOPET-522 601, Palnadu Dist., A.P.
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Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK, Kakinada. Code : 47, NIRF Ranking 251 - 300 Band
Accredited by NBA (CSE, ECE) & NAAC "A+" Grade, ISO 9001 : 2015 Certified Institution.
08647-239904 Visit us at : www.nrtec.in e-mail : principal@nrtec.in

Press Note 22.04.2024

ఎన్. ఈ. సీ లో దిగ్విజయంగా ముగిసిన మెకానికల్ ఇంజనీరింగ్ "నాలవ ఇంటర్నేషనల్ కాన్ఫెరెన్స్"

స్థానిక నరసరావుపేట ఇంజనీరింగ్ కళాశాల మెకానికల్ ఇంజనీరింగ్ విభాగం ఆధ్వర్యంలో **"ఎమర్జింగ్ ట్రెండ్స్ ఇన్ మెకానికల్ ఇంజనీరింగ్ అండ్ ఇండస్ట్రియల్ ఆటోమేషన్ [International Conference on Emerging Trends in Mechanical Engineering and Industrial Automation - NEC-ICETMEIA-2K24]"** అనే రెండు రోజుల **ఇంటర్నేషనల్ కాన్ఫెరెన్స్** 20.04.2024 న ముగిసిందని కాన్ఫరెన్స్ కన్వీనర్ మరియు మెకానికల్ ఇంజనీరింగ్ విభాగాధిపతి డాక్టర్ బి.వేంకట శివ గారు తెలియజేశారు. ఈ కాన్ఫరెన్స్ కు వివిధ ఇంజనీరింగ్ కళాశాల ల నుంచి వచ్చిన 75 పరిశోధనా పత్రములలో 52 పత్రములను ఖరారు చేశామని ఈ కాన్ఫెరెన్స్ కో కన్వీనర్ డాక్టర్ డి జగదీష్ గారు తెలియజేశారు.

ఈ కాన్ఫెరెన్స్ కో-ప్యాట్రన్ మరియు కళాశాల వైస్ పిన్సిపాల్ డాక్టర్ డి. సునీల్ గారు మాట్లాడుతూ అడ్వాన్స్డ్ మ్యానుఫ్యాక్చరింగ్ ప్రాసెసస్, 3D ప్రింటింగ్, FEA, మెకాట్రానిక్స్ & రోబోటిక్స్, మెటల్ మాట్రిక్స్ కంపోజిట్స్, స్మార్ట్ మెటీరియల్స్, సోలార్ ఎనర్జీ, గ్రీన్ మ్యానుఫ్యాక్చరింగ్, ప్రోడక్ట్ డిజైన్, క్రైబాలజీ, సెన్సార్లు, బయో మెటీరియల్స్ తదితర అంశాలపై పరిశోధనా పత్రములను ఈ కాన్ఫరెన్స్ కి పంపమని కోరగా ఆంధ్ర, ఒడిస్సా, తెలంగాణల తదితర రాష్ట్రాల నుంచి ఊహించని మంచి స్పందన లభించినదని అన్నారు.

ఈ కాన్ఫెరెన్స్ కో-ప్యాట్రన్ మరియు కళాశాల పిన్సిపాల్ డాక్టర్ యమ్. శ్రీనివాస కుమార్ గారు మాట్లాడుతూ ఈ కాన్ఫెరెన్స్ కీనోట్ స్పీకర్స్ గా శ్రీ R.S. పుష్పన్త్ కుమార్ గారు (డిజైన్ ఇంజనీర్, CLAAS KGaA mbH, జర్మనీ) మరియు శ్రీ నాగార్జున రావెళ్ల ఆటోమేషన్ ఇంజనీర్ (Accenture GmbH, Hamburg, జర్మనీ) గార్లు వ్యవహరించారని తెలియజేశారు. అలాగే సెషన్ చైర్స్ గా డాక్టర్ K. వెంకట రావు (విజ్ఞాన్ యూనివర్సిటీ, గుంటూరు) డాక్టర్ కాళీ చరణ్ రథ్ (GIET యూనివర్సిటీ, ఒడిస్సా), డాక్టర్ P.S రామ శ్రీకాంత్ (VIT యూనివర్సిటీ, ఏ.పి), డాక్టర్ M. బాలాజీ (SAHE యూనివర్సిటీ విజయవాడ) గార్లు వ్యవహరించారని అన్నారు.

ఈ కాన్ఫెరెన్స్ చీఫ్ ప్యాట్రన్ మరియు కళాశాల వైస్ చైర్మన్ శ్రీ మిట్టపల్లి చక్రవర్తి గారు మాట్లాడుతూ ఈ ప్రతిష్టాకరమైన ఇంటర్నేషనల్ కాన్ఫెరెన్స్ ని నాలవ సారి నిర్వహించడం తమకు ఎంతో గర్వ కారణమని అన్నారు. 1998 లో స్థాపించిన తమ కళాశాలలో 2002 లో బీటెక్ కోర్స్ తో ప్రారంభించిన ఈ మెకానికల్ ఇంజనీరింగ్ డిపార్ట్మెంట్ అంచెలంచలుగా ఎదుగుతూ ఎంటెక్ (మెషిన్ డిజైన్ మరియు థర్మల్ ఇంజనీరింగ్), విద్యార్థుల రీసెర్చ్ కి అవసరమైన అన్ని లాబ్స్ తో బాటు అతి ముఖ్యమైన రోబోటిక్, డస్సాల్ట్ మరియు 3D ప్రింటింగ్ ల్యాబ్ ని కలిగి ఉందన్నారు.

కళాశాల సెక్రటరీ శ్రీ మిట్టపల్లి రమేష్ బాబు గారు మాట్లాడుతూ ఇటువంటి కాన్ఫెరెన్స్ లు విద్యార్థులకు, అధ్యాపకులకు ఎంతో ఉపయోగపడతాయని అలాగే కళాశాల యొక్క ఖ్యాతి దేశం నలుమూలలకు వ్యాప్తి చెందుతుందని అన్నారు.

కళాశాల చైర్మన్ శ్రీ మిట్టపల్లి వెంకట కోటేశ్వరరావు గారు ఈ కాన్ఫెరెన్స్ కు సహకరించిన ముఖ్య అతిదులకు తమ కృతజ్ఞతలు తెలియజేస్తూ, ఈ కార్యక్రమం లో పాల్గొన్న మెకానికల్ ఇంజనీరింగ్ విభాగ అధ్యాపకులను, వివిధ విభాగాధిపతులను, అధ్యాపకులను, విద్యార్థులను, నిర్వాహకులను మరియు కో కన్వీనర్స్ డాక్టర్ డి జగదీష్, డాక్టర్ పి.సురేష్ బాబు, డాక్టర్ ఎం.వెంకన్న బాబు గార్లను అభినందించారు.

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ఆంధ్రప్రభ

ఎన్ఈసీలో ముగిసిన మెకానికల్ ఇంజనీరింగ్ ఇంటర్నేషనల్ కాన్ఫరెన్స్

నరసరావుపేట, ఏప్రిల్ 22 (ప్రభ న్యూస్): స్థానిక నరసరావుపేట ఇంజనీరింగ్ కళాశాల మెకానికల్ విభాగం ఆధ్వర్యంలో ఎమర్జింగ్ ట్రెండ్స్ ఇన్ మెకానికల్ ఇంజనీరింగ్ అండ్ ఇండస్ట్రియల్ ఆటోమేషన్ అనే రెండు రోజుల ఇంటర్నేషనల్ కాన్ఫరెన్స్ ముగిసినట్లు మెకానికల్ ఇంజనీరింగ్ విభాగాధిపతి డాక్టర్ వి.వెంకటేశ్వర తెలిపారు. ఈ కాన్ఫరెన్స్‌కు వివిధ ఇంజనీరింగ్ కళాశాలల నుంచి వచ్చిన 75 పరిశోధనా పత్రాలలో 52 పత్రాలను ఖరారు చేసినట్లు కాన్ఫరెన్స్ కో కన్వీనర్ డాక్టర్ పి.జగదీష్ తెలిపారు. ఈ సందర్భంగా కాన్ఫరెన్స్ కో-ప్యాట్రన్, కళాశాల ప్రిన్సిపాల్ డాక్టర్ యం.శ్రీనివాసకుమార్ మాట్లాడుతూ ఈ కాన్ఫరెన్స్ కీనోట్ స్పీకర్స్‌గా ఆర్.ఎన్.ఫణీంద్ర కుమార్, డిజైన్ ఇంజనీర్, జర్మనీ, నాగార్జున రావెళ్ళ, ఆటోమేషన్ ఇంజనీర్, జర్మనీ వ్యవహరించినట్లు తెలిపారు. కాన్ఫరెన్స్ చీఫ్ ప్యాట్రన్, కళాశాల ఛైర్మన్ మిట్టపల్లి వెంకట కోటేశ్వరరావు మాట్లాడుతూ ప్రతిష్టాకరమైన ఇంటర్నేషనల్ కాన్ఫరెన్స్ నాల్గవసారి నిర్వహించడం తమకు ఎంతో గర్వకారణమన్నారు. 1998లో స్థాపించిన తమ కళాశాలలో 2002లో బీటెక్., కోర్సుతో ప్రారంభించామని, అంచెలంచెలుగా ఎదుగుతూ ఎంటెక్ విద్యార్థుల రీసెర్చ్‌కి అవసరమైన అన్ని ల్యాబ్స్‌తో పాటు ఛతి ముఖ్యమైన రోబోటిక్, డస్సాల్ట్, 3డి ప్రింటింగ్ ల్యాబ్‌ను కలిగి ఉందన్నారు. కళాశాల వైస్ ఛైర్మన్ మిట్టపల్లి చక్రవర్తి మాట్లాడుతూ ఈ ప్రతిష్టాకరమైన ఇంటర్నేషనల్ కాన్ఫరెన్స్‌కు నాలుగసారి నిర్వహించడం తమకు ఎంతో గర్వకారణమన్నారు.

ఈ కాన్ఫరెన్స్‌కు సహకరించిన ముఖ్య అతిథులకు కృతజ్ఞతలు తెలిపారు. కళాశాల సెక్రటరి మిట్టపల్లి రమేష్‌బాబు మాట్లాడుతూ ఇటువంటి కాన్ఫరెన్స్‌లు విద్యార్థులకు, అధ్యాపకులకు ఎంతగానో ఉపయోగపడతాయని, అలాగే కళాశాల వ్యాప్తి దేశ నలుమూలలకు వ్యాప్తి చెందుతుందన్నారు. ఈ కార్యక్రమంలో డాక్టర్ వి.మురళి, మెకానికల్ ఇంజనీరింగ్ విభాగ అధ్యాపకులను, వైస్ ప్రిన్సిపాల్ డాక్టర్ వి.సుబ్బారావు, వివిధ విభాగాధిపతులను, కో కన్వీనర్స్ డాక్టర్ పి.జగదీష్, డాక్టర్ వి.సుకేష్‌బాబు, డాక్టర్ వెంకన్నబాబులను అభినందించారు.

23/04/2024 | Guntur | Page : 15
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Characterization and Optimization of tribological parameters of Al-4032 alloy and reinforced material SiC metal matrix composites

Presented by:

Dr.K.Ch.Kishor Kumar (Guide)
D.Harimadh
D.Guru jai Kiran
A.Kiran Teja
Ch. Pavani
Ch. Jagadish Varma

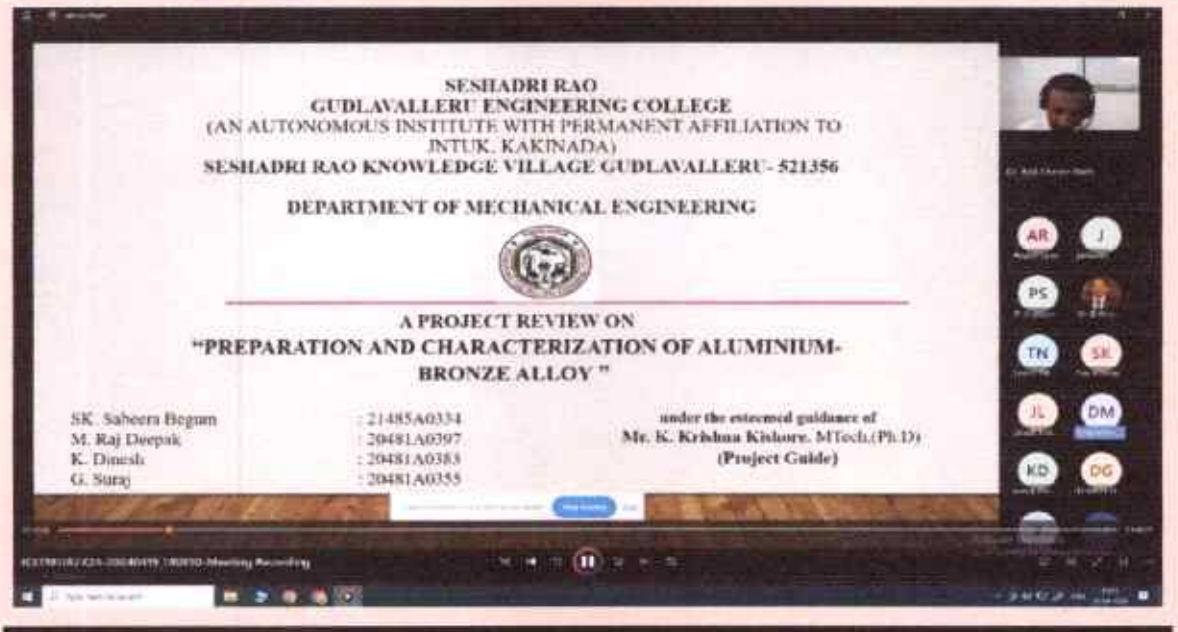
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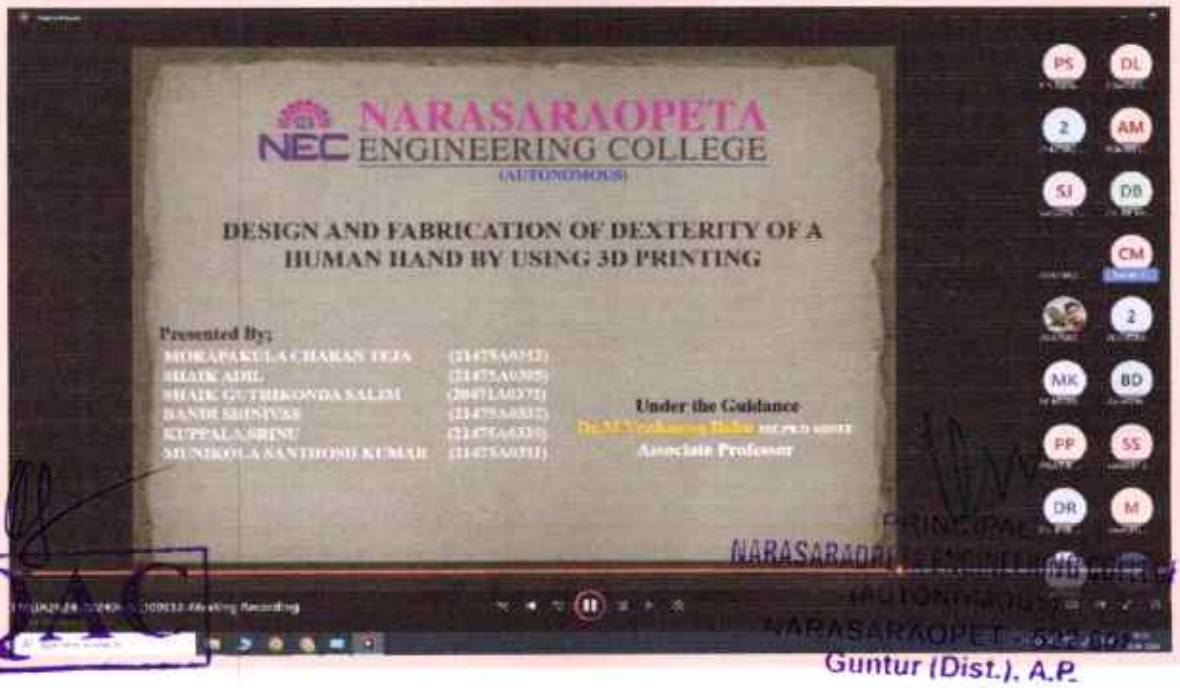


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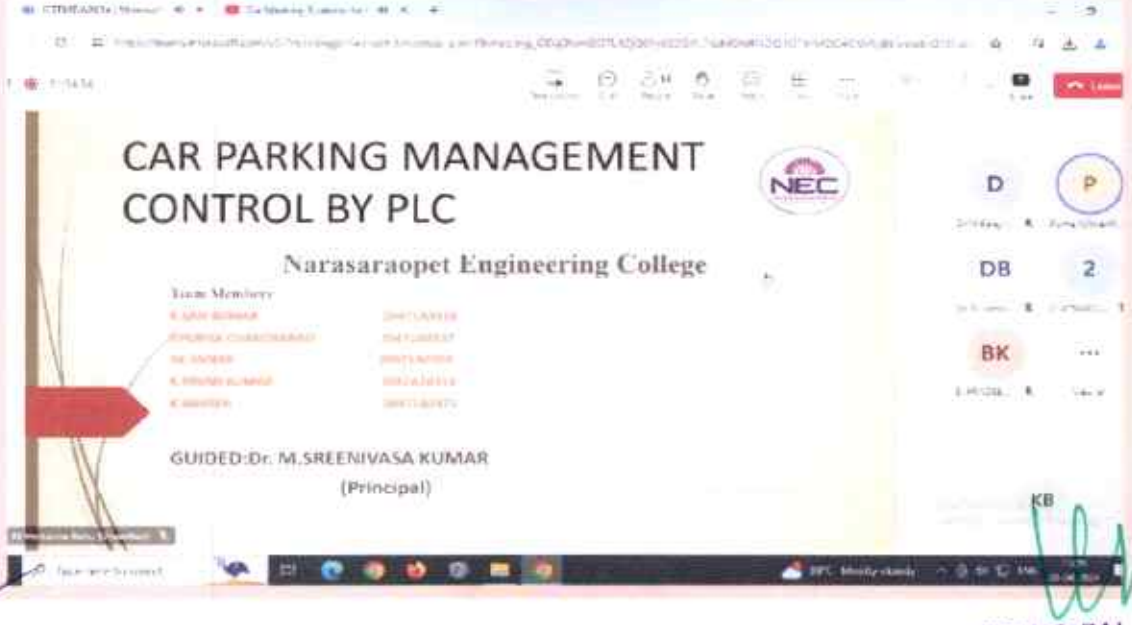
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19th & 20th April, 2024

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Authors: **D.Raghavendra[1], A.Radha[2], B.Yugender[3], N Meghanadh[4]**

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Authors: **KANDRU JOHN BABU[1], J.PRASAD[2], M.NAGA THIRUMALA RAO[3], D.JOSEPH[4], E.LEELA SANKAR[5], A.PAVAN KUMAR[6],T.SRI VAMSI NADH[7]**

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Authors: **A.Anka Rao[1],B.Pradeep Kumar[2],R.Yashwanth [3],B.Nithin[4], V.Karthik[5],P.Bala Guravaiah[6]**

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Authors: **Dr. B.Venkata Siva[1],Syed Sardar Vali[2],Nelavalli Vikas[3],Chatta Venkatramaiah[4], Ramavathu Pavan Kumar Naik[5], Mannepalli Veera Narasimha[6]**

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Authors: **Dr. Kali Charan Rath[1], Rohit Mahato[2], P.Venkatesh[3], Hemanta Kumar Das[4], Eliazar Khosla[5],Lalu Sahu[6]**

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Authors: **Dr. M.Venkanna Babu[1], P. Krishna Chaithanya[2], D. Veeranji Reddy[3], E.Mohan Sai[4], G. Sai Pavan[5], Sai Srinivas[6]**

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DEPARTMENT OF Electronics & Communication Engineering

Date: 05-04-2024

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Programme Convenors:
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19th & 20th April, 2024

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ON ADVANCES IN SIGNAL PROCESSING AND COMMUNICATIONS

About the Conference

In continuation of the previous International Conferences, this International Conference on Advances in Signal Processing and Communications (NEC-ICASPC-2K24) is being organized by the department of Electronics and Communication Engineering. NEC-ICASPC-2K24 provides an International forum for researchers, academicians, industry professionals and PG students to explore and contribute their research by presenting and discussing the various aspects of developments in the field of Signal Processing and Communications.

Topics of the Conference

SIGNAL PROCESSING
- Mathematical Methods in Signal Processing
- Adaptive and Array Signal Processing
- Biomedical Signal Processing
- Analog and Mixed Signal Processing
- Hybrid Intelligent System Applications to Image Processing
- Signal Processing for data recording channels
- Image and Video Signal Processing

COMMUNICATIONS
- Integrated circuits for Wireless Communication
- Fiber Optic, Space and Satellite Communication
- Antenna and Propagation
- VLSI and Signal Processing for Communication
- Mobile, Broadband and Wireless Communication
- Machine Learning, • Artificial Intelligence
- Deep Learning • IOT

Important Dates

Paper Submission opens from	: 19th Feb, 2024
Paper Submission closes on	: 15th April, 2024
Acceptance Intimation	: 17th April, 2024
Camera Ready Paper, Copy right form Submission & Author Registration	: 18th April, 2024
Conference Dates	: 19th & 20th April, 2024

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The Department of Electronics and Communication Engineering was started in the year 1998 with an intake of 40 students in B.Tech. programme. The intake was enhanced subsequently and the present intake is 240. The department also offers Three PG programs, M.Tech (Digital Electronics and Communication Systems) which was started in the year 2004, M.Tech (Digital Systems and Computer Electronics) which was started in the year 2006 and M.Tech (VLSI & Embedded Systems) which was started in the year 2023 with an intake of 18 each. The department has a team of highly qualified, experienced and dedicated teaching faculty. The department has good infrastructural facilities and has fullfledged laboratories equipped with adequate state of the art equipment and latest software. The UG programme of the department is accredited quadruple (four times) by NBA. The department has Embedded Systems and Robotics Lab which was established under IIT Bombay E-Yantra Project. The department got funding from AICTE to conduct FDP, two STTP and two MODROBS.

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NARASARAOPET - 522 601
Guntur (Dist.), A.P.

ABOUT THE INTERNATIONAL CONFERENCE

In continuation of the previous International Conferences, this International Conference on Advances in Signal Processing and Communications (NEC-ICASPC-2K24) is being organized by the department of Electronics and Communication Engineering. NEC-ICASPC-2K24 provides an International forum for researchers, academicians, industry professionals and PG students to explore and contribute their research by presenting and discussing the various aspects of developments in the field of Signal Processing and Communications.

TOPICS OF THE CONFERENCE

SIGNAL PROCESSING

- Mathematical methods in Signal Processing
- Adaptive and Array Signal Processing
- Biomedical Signal Processing
- Analog and Mixed Signal Processing
- Hybrid Intelligent System Applications to Image Processing
- Signal Processing for data recording channels
- Image and Video Signal Processing

COMMUNICATIONS

- Integrated circuits for Wireless Communication
- Fiber Optic Space and Satellite Communication
- Antenna and Propagation
- VLSI and Signal Processing for Communication
- Mobile, Broadband and Wireless Communication
- Machine Learning
- Artificial Intelligence
- Deep Learning • IOT

SUBMISSION GUIDELINES

Authors intending to present papers are requested to send softcopy of full length paper in IEEE format not exceeding 5 pages to e-mail: **icaspc2024@gmail.com**. The selected papers will be notified for registration.

- Number of Authors per paper is limited to four only.
- E-certificate will be provided to authors who are present during their paper presentation.
- ISBN International conference proceedings will be provided with an additional charge of INR 1000 (Cost of one book)
- International Conference will be conducted on Microsoft Teams.
- All submissions must include Title, Author(s) and Affiliation(s), Full Address for correspondence including phone number and e-mail id.

PARTICIPANTS

Research Scholars / Academicians / Industrial Professionals / Students

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CONFERENCE ADVISORY COMMITTEE

Dr Sandeep Podder, Lincoln University College, Malaysia
Prof. Neetesh Purohit, IIITA, Allahabad
Dr. B.T. Krishna, Prof. in ECE, JNTUK
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Dr. T. Sreenivasulu Reddy, Prof. Dept. of ECE, SVU, Tirupati
Dr. P. Ramana Reddy, Prof. Dept. of ECE, JNTUA
Dr. Sk. Rafi Ahamed, Prof. Dept. of ECE, IIT, Guwahathi
Dr. V. Anil Kumar, Assoc. Prof. Dept. of ECE, IIITH

REGISTRATION DETAILS

Categories	Registration Fees	Name of the Beneficiary : Narasaraopet Engineering College Special Saving Account No : 476010100026877 Bank & Branch : Axis Bank, Narasaraopet IFSC Code: UTIB0000476
Students / Faculty	Rs. 500/-	
R & D / Industry	Rs. 1,000/-	
Foreign Delegates	US$ 100	

UGC CARE GROUP- 1	AMOUNT
Industrial Engineering Journal (Print only)-ISSN : 0970-2555	Rs. 2,000/-
Journal of Fundamental & Comparative Research (Shodhsamhita) (Print only) -ISSN : 2277-7067	
Shodha-Prabha (Print only) -ISSN : 0974-8946	
Journal of The Maharaja Sayajirao University of Baroda (Print only)- ISSN: 0025-0422	
Web of Science Journal European Journal of Molecular & Clinical Medicine (EJMCM)- ISSN: 2515-8260	Rs. 12,000/-

Paper Submission Link:
https://forms.gle/4pfoQtEeQexRhaKg6

NARASARAOPETA ENGINEERING COLLEGE

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Narasaraopet – 522601, Palnadu District, A.P.

7th INTERNATIONAL CONFERENCE ON ADVANCES IN SIGNAL PROCESSING AND COMMUNICATIONS
NEC-ICASPC-2K24
(HYBRID MODE)
19th & 20th April, 2024

APPLICATION FORM

1. Name (in Block Letters): .....
2. Designation : .....
3. College / Organization : .....
4. Address for Communication : .....
.....
.....
Phone No. (with STD Code) : .....
Mobile No. : .....
E-mail ID : .....
5. Title of the Paper : .....
.....

IMPORTANT DATES

Paper Submission opens from	: 19th February, 2024
Paper Submission closes on	: 15th April, 2024
Acceptance Intimation	: 17th April, 2024
Camera Ready Paper, Copy right form Submission & Author Registration	: 18th April, 2024
Conference Dates	: 19th & 20th April, 2024

DECLARATION

The information provided by me is true to the best of my knowledge. If selected, I agree to abide by rules and regulations of the organization and shall attend the international conference for the entire duration. I also undertake the responsibility to inform the Convener, in case I am unable to attend the international conference.

Place:
Date :

Signature of the Participant

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Schedule

International Conference on Advances in Signal Processing and Communications (NEC-ICASPC-2K24)

19th & 20th APRIL, 2024.

Organized by Department of Electronics and Communication Engineering

Narasaraopeta Engineering College (AUTONOMOUS)

Narasaraopet, A.P, India

Inaugural Schedule

19-04-2024	**Inaugural Session (10:00AM–10:30AM)**
	Inaugural Session Online
9:30-10:00AM	Sharing of Login Link and Joining of the Participants
10:00AM	Welcome Address & Introduction to International Conference NEC-ICASPC-2K24 by **Dr. A.V. NAGESWARARAO** Co-ordinator, NEC-ICASPC-2K24
10:05AM	Address by Dr. **V.VENKATARAO**, Convener- NEC-ICASPC-2K24, Head, Department of Electronics and Communication Engineering, Narasaraopeta Engineering College
10:10AM	Address by Chief Patron **Sri. M. S. Chakravarthi**, Vice Chairman, NEC Group
10:15AM	Address by Co-Patron **Dr. M. Sreenivasa Kumar**, Principal Narasaraopeta Engineering College, Narasaraopet, A.P., India
10:20AM	Address by **Mr. Mohan Ranga Rao Dontineni**, Senior Network Engineer, B. YOND INC, Texas, USA
10.25AM	Vote of Thanks by **Dr. Sk. Bajidvali** , Co-ordinator

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Narasaraopet, A.P, India

Keynote Address Schedule with Online Joining Links

Time(IST)	Friday, 19th April, 2024	Saturday, 20th April, 2024
10.00 AM - 10.30 AM	Inaugural Ceremony(Online) Meeting Link: https://tinyurl.com/Track1ICASPC2K24	Keynote Address by Dr. Shaik Rafi Ahamed **Professor, Dept of EEE** **Indian Institute of Technology Guwahati.** Meeting Link: https://tinyurl.com/Track1ICASPC2K24
10.30 AM - 11:30 AM	Keynote Address by **Mr. Mohan Ranga Rao Dontineni** Senior Network Engineer, B. YOND INC, Texas, USA Meeting Link: https://tinyurl.com/Track1ICASPC2K24	

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Time(IST)	Friday, 19th April, 2024		
12.00 - 01.30 PM	**Session-1** Session Chair: Dr. P.J. Reginald, Asst Professor Dept of ECE Vignan's Foundation for Science Technology and Researeh, Vadlamudi, Guntur Session Co-Chair: **Dr. B. Suneetha, Associate Professor** Meeting Link: https://tinyurl.com/Track1ICASPC2K24		**Session-2** Session Chair: Dr. G. Sandhya, Professor & HoD, Dept of ECE Vignan's Nirula Institute of Technology and Science for Women, Guntur Session Co-Chair: **Dr K. Raju, Professor** Meeting Link: https://tinyurl.com/Track2ICASPC2K24
02.30 PM- 04:30 PM	**Session-3** Session Chair: Dr. Sk. Sadulla, Professor & COE, KITS College, Guntur. Session Co-Chair: **Dr. K. Srinivasa Rao, Associate Professor** Meeting Link: https://tinyurl.com/Track3ICASPC2K24		**Session-4** Session Chair: Dr - Syed Jahangir Badashah, Professor, Department of ECE, Sreenidhi Institute of Science and Technology, Yamnampet, Hyderabad. Session Co-Chair: **Dr. Y. Jaipal Reddy, Associate Professor** Meeting Link: https://tinyurl.com/Track4ICASPC2K24

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Time(IST)	Saturday, 20th April, 2024		
12.00 - 02.30 PM	**Session-5** Session Chair: Dr. K. Riyazuddin, Associate Professor, Annamacharya Institute of Technology & Sciences, Rajampet. Session Co-Chair: **Dr. Sk. Bajidvali , Professor** Meeting Link: https://tinyurl.com/Track1ICASPC2K24		**Session-6** Session Chair: Dr. B. Raghavaiah, Professor & HoD, Dept of ECE Ramachandra College of Engineering, Eluru Session Co-Chair: **Dr. Sk. Ebraheem , Associate Professor** Meeting Link: https://tinyurl.com/Track2ICASPC2K24
03.00 PM - 03:30 PM	**Valedictory Session**		

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Attendance sheet

International Conference on Advances in Signal Processing and Communications (NEC-ICASPC-2K24)

19th & 20th April, 2024.

Organized by Department of Electronics and Communication Engineering

Narasaraopeta Engineering College (AUTONOMOUS)

Narasaraopet, A.P, India

Session-3

SessionChairs- Dr. Sk. Sadulla, Professor & COE,/ **Dr. K. Srinivasa Rao, Associate Professor**

Meeting Link:
https://tinyurl.com/Track3ICASPC2K24

(Date:19/04/2024 Time: 02:00 PM to04:00PM)

Paper ID	Title with Authors	
NEC-ICASPC025	Smart DIGI Built-in Display	S.Nikhatha, N.Manjunath, I.Mahesh, Sk.Saleema, P.Sameera Bi
NEC-ICASPC026	E-Agriculture : Irrigation based on weather forecasting	S.Manikantha Satya Sai, D.MithunSai, M.Naveen, B.Ramesh Sk.Basheer, K.Srinath
NEC-ICASPC027	IoT based object detection for E-vehicle	G.HanumaReddy, K.Venkatesh, K.Purna Chandra Rao, S.Najay J.Suneel, Ch.Mahesh
NEC-ICASPC028	Design and Multiplication of modified high speed 32- bit Vedic multiplier	T.Haritha, T.Lakshmi Narayana, G.Sushma,U.Venu Babu Y.Lakshmi Tirupathamma
NEC-ICASPC029	Triple Natural UWD monopole antenna using EBG structure and closed Pi shape slot	P.Ravali, Ch.Neeraja, K.Udaya Sadhvika, E.AbhiNav, D.V.Saikumar
NEC-ICASPC030	A modified frame work to estimate the Breathing rate using ECG, PPG, and Blood Pressure	B.AmaniKumari, Sk.B.Janrina, B.Nandini, T.Bharath, N.Stephen Paul,N.Kumar Sai Krishna
NEC-ICASPC031	IoT Based Forest Fire Detection and Prevention system	M.Subhasri, C.Navneesh, P.HariPrasad, M.Hemanth, K.Shyam
NEC-ICASPC032	Implementation of Image retrieval using combination of shape and texture feature	G.Mounika, G.Rahul, D.Santhosh, D.Lokesh, R.Jeevan Babu
NEC-ICASPC033	Implementation of Image retrieval using combination of colour & texture feature	K.V.Ramsyasree, Sk.B.Ajima, K.Sandeep, I.Bhargav Sai D.SaiKrishna

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NEC-ICASPC034	Design and Analysis of Adiabatic multiplier and demultipexer using ECRL & ZECRL logics	D.V.Naga Meghana, R.Raju, V.Yeshwanth, Sk.T.Shahanaaz G.JayaSri, Shaik.Asif
NEC-ICASPC035	Design of Bio Medical Based stress detection system using Machine Learning Techniques	G.SaiPrakash, P.Venkateswarlu, G.Harshita, D.Abraham, G.Ushasree, B.Rajasimha
NEC-ICASPC036	Design an Area Efficient Kogge Stone using Pass Transistor Logic	V.SriLakshmi, P.Abhinav, K.Bhargav, S.Akshaya,C.Venkata Prasad

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Session-4

SessionChairs: Dr - Syed Jahangir Badashah,Professor,/ Dr. Y. Jaipal Reddy, Associate Professor
Meeting Link:
https://tinyurl.com/Track4ICASPC2K24

(Date:19/04/2024 Time: 02:00 PM to04:00PM)

Paper ID	Title with Authors	
NEC-ICASPC037	Heart attack and Alchol Detection sensor in Transportation system using IoT	M.Siva Raju, Gaddam Vyshnavi, Chukka Gouse goud, A.Srikanth J.Roop Kishore
NEC-ICASPC038	IoT based pregnancy women Health Monitoring system for parental care	Avinash.K, A.Vishnu Vardhan Reddy, Tirupathi.B, K.Lokesh C. Gandgadhar Rao
NEC-ICASPC039	Automatic Fault Detection in Transmission Lines using IoT	A.Ramya, P.Rachana, M.Sravan Kumar, N.Jyothi, P.Ganesh
NEC-ICASPC040	Monitoring the moments of wild animals and alert systemusing IOT for smart agriculture protection.	A.Pavani Lakshmi, D.Tulasi, P.Mohana Krishna, B.Sandeepa Padira Saichand
NEC-ICASPC041	Analysis of Multi-Band Rectangular Antenna design for C-band Applications	S.Bharath, C.Ravikumar, Thoka Satheesh, A.Sandeep,S.Deepak
NEC-ICASPC042	Modelling and Analysis of Intelligent reflecting surface assisted wireless system	K.Swathi, C.Rajeswari, K.V. Maheshwari, M.KrishnaReddy A.Chandrashekar
NEC-ICASPC043	Multi-Function Night Patrolling Device	K.Kauslya, Sushma Komali.B. M.Sandhya, G.Siva Kumar S.V.Narendra Kumar
NEC-ICASPC044	Smart Home Automation	B.SivaLatha, Ch.Aparna,D.Madhu, G.NagaLakshmi, P.Navya Sai
NEC-ICASPC045	Online smart voting system	S.Gopinath, A.Charan Siva Teja, P.MadhuSudhan, K.Koteswara Rao, Sk.Nazeer
NEC-ICASPC046	Implementation of smart waste Management system	A.Pratusha, Y.Prabhavathi, P.MohanSKrishna, P.SriKanth,

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International Conference on Advances in Signal Processing and Communications (NEC-ICASPC-2K24)

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Session-5

SessionChairs: Dr. K. Riyazuddin, Associate Professor,/ Dr. Sk. Bajidvali , Professor

Meeting Link:

https://tinyurl.com/Track1ICASPC2K24

(Date: 20/04/2024 Time: 11:00 AM to01:00PM)

Paper ID	Title	Authors
NEC-ICASPC047	Milk Quality Analysis using Electronic Sensors	B Abdul Raheem, Dileep P, Ramesh N, JBRCE, Hyderabad
NEC-ICASPC048	Server Based Electricity Monitoring and Theft Identification System Using IoT.	Mr. P. V. Sateesh Kumar, Ms. D. Anjali , Mr. K. Rami Reddy , Ms. N. Vignana , NIT, NRT
NEC-ICASPC049	VANYAPRANI RAKSHA A system for detection and rescue of wild animals Paid :	Kavita Guddad, K. Vaishnavi Reddy, Kalichetty Lasya Sree , K. Sneha, Varshitha V, Dayananda Sagar College of Engineering, Bengaluru , Karnataka,India
NEC-ICASPC050	Low Power CMOS VGA for Neural Signal Recording Applications	P Veernath, Ram Neeraj K, B Abdul Raheem, Ratna Prabha T, Vamsi Krishna Reddy T, Rahul G, Joginpally B R Engineering College, Hyderabad, India
NEC-ICASPC051	IoT based advanced system for military identification of trespassers using ultrasonic Radar.	M.RamaKrishna, K.Srikanth Reddy,B.Lokesh,E.Dinesh J.Prem Kumar
NEC-ICASPC052	Home Safety with cloud Based system	K.Sandhya,G.HemaSri,G.Ganesh Bhavani Shankar,K.Jagadeesh Shaik.Subhani
NEC-ICASPC053	Identification of epilepsy using VMD RELIEFF and SVM	P.Lakshmi Sanjana,D.Aparna,Sk.Sheema,T.TarunKumar K.SaiSrujan
NEC-ICASPC054	Design and Implementation of Digital Circuits using FPGA	P.Divya Nayana,D.Bhuvaneswari,C.Sai Nitin Kumar,Devati Sai Raghava,Challa LakshmaReddy
NEC-ICASPC055	A modified frame work to estimate the Breathing rate using ECG, PPG, and Blood Pressure	B.AmaniKumari, Sk.B.Janrina, B.Nandini, T.Bharath, N.Stephen Paul,N.Kumar Sai Krishna

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19th & 20th April, 2024.

Organized by Department of Electronics and Communication Engineering,

Narasaraopeta Engineering College (AUTONOMOUS)

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Session-6

SessionChairs: Dr. B. Raghavaiah, Professor & HoD / Dr. Sk. Ebraheem , Associate Professor

Meeting Link:

https://tinyurl.com/Track2ICASPC2K24

(Date:20/04/2024 Time: 11:00 AM to01:00PM)

Paper ID	Title	Authors
NEC-ICASPC056	Design of SRAM cell using 45nm CMOS Technology	B.Bindu,K.Swathi,O.Ganesh,Shaik.Jani Basha,Dasari.Dwarakeesh
NEC-ICASPC057	Comparative performance analysis of XOR-XNOR cell used in Hybrid logic based full adder Lung Cancer detection by using convolutional neural Networks	P.Bhuvaneswari, Sk.Abdul Khayyum, R.AjayKumar Raju J.Sunil Varma ,G.Sai Krishna, P.Bhuvaneswari
NEC-ICASPC058	Emotion Detection of facial image using Machine Learning.	N.Renuka Devi,P.Bhargav,A.Meghana,Sk.Md.Shareef,R.Sambasiva Rao
NEC-ICASPC059	Facial Emotion Detection using Machine Learning	J.Prasanna, T.KrishnaSai, B.Naveen Kumar,P.Ajay Kumar G.Siva Prasad
NEC-ICASPC060	MONKEY REPELLENT USING HIGH INTENSITY LED LIGHTS	Ch.Tharun, M.Deepthi, K.SakshiSruthi, V.S.Yamini Labhi, P.Santhosh, Hyderabad Institute of Technology and, Management,Hyderabad,India.
NEC-ICASPC061	Development of IoT based Patient Monitoring System	K.Swathi Sree , N.Saraswathi , P.J.Reginald , Vignan's Foundation for Science Technology and Research(Deemed to be University)
NEC-ICASPC062	Power Consumption Monitoring & Controlling	Dr. S. Kannappan,A.Shafiya Banu, B.Pallavi , M.Jyothi , V.Venkata Sathvika , N.Sindhu, GATES Institute of Technology, Gooty, India
NEC-ICASPC063	Design and Multiplication of modified high speed 32- bit Vedic multiplier	T.Haritha, T.Lakshmi Narayana, G.Sushma,U.Venu Babu Y.Lakshmi Tirupathamma
NEC-ICASPC064	Modelling and Analysis of Intelligent reflecting surface assisted wireless system	K.Swathi, C.Rajeswari, K.V. Maheshwari, M.KrishnaReddy A.Chandrashekar
NEC-ICASPC065	Implementation of a Simple FIR Filter in Verilog for FPGA-based Digital Signal Processing	P.Santhosh, D.Keerthi, T.Deekshita,P.Pusushottam,U.Kerthana,HITM, Hyd

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Program Report

NEC NARASARAOPETA ENGINEERING COLLEGE
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Kotappakonda Road, Yellamanda (Post), Narasaraopet – 522601, Guntur District, A.P., India.
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Accredited by NBA & NAAC, ISO 9001 : 2015 Certified Institution
Phone : 08647-239905 Website:www.nrtec.in

DEPARTMENT OF Electronics & Communication Engineering

Date: 25-04-2024

PROGRAMME REPORT

Name of the Programme: International Conference on Advances in Signal Processing and Communications **(NEC-ICASPC-2K24)**

Dates : 19th to 20th April, 2024

1. Name : Mr. Mohan Ranga Rao Dontineni
   Designation : Senior Network Engineer.B.YOND Inc,Texas, USA
   Organization : B.YOND Inc,Texas, USA
   Mail.Id :sathiyamoorthy.selladurai@umontreal.ca

2. Name : Dr. Shaik Rafi Ahamed
   Designation : Professor
   Organization :IIT ,Guwahati
   Phone No : 91-361-258-2520
   Mail.Id : rafiahamed @ iitg · ac · in

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conference advisory committee members have drawn a large number of high-quality submissions from students, research scholars, and faculty members all over India and abroad.

The ultimate aim of the conference is to provide a platform to disclose, discuss the scientific and technological events aimed to ignite the young minds and to continue the kindled torch relay.

- In the Field of Image and video Signal Processing.
- In the Field of Wireless Communications.
- In the Field of Micro-strip Antenna.
- In the Field of VLSI.
- In Communications and Satellites

No. of participants: 148.

Coordinator

HOD

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Press Note &Coverage

వార్త

ఎన్‌ఈసిలో ముగిసిన అంతర్జాతీయ సదస్సు

నరసరావుపేట, ఏప్రిల్ 21 ప్రభాతవార్త : నరసరావుపేట ఇంజనీరింగ్ కళాశాలలో ఎలక్ట్రానిక్స్ కమ్యూనికేషన్ ఇంజనీరింగ్ విభాగం ఆధ్వర్యంలో అంతర్జాతీయ సదస్సు విజయవంతంగా ముగిసింది. విభాగ అధిపతి డాక్టర్ పీరవల్లి వెంకట్రావు, కో కన్వీనర్ డాక్టర్ ఏ.వి.నాగేశ్వరరావులు వివరాలను తెలియజేశారు. వివిధ కళాశాలలు విశ్వవిద్యాలయాలకు చెందిన 105 మంది పరిశోధకులు 75 పత్రాలను అందించినట్లు తెలిపారు. అతిథులు దొంతినేని మోహనరంగారావు మాట్లాడుతూ కమ్యూనికేషన్స్, కనెక్టివిటి సిగ్నల్ ప్రాసెసింగ్ అనే అంశంపై మాట్లాడారు. షేక్.రఫీ, కళాశాల చైర్మన్ మిట్టపల్లి వెంకట కోటేశ్వరరావు, వైస్ చైర్మన్ మిట్టపల్లి చక్రవర్తి, కళాశాల కార్యదర్శి మిట్టపల్లి రమేష్ ఈ కార్యక్రమాలలో పాల్గొని ఈ సదస్సుల వలన జరిగే మేలును వివరించారు.

Date: 22/04/2024, Edition: Guntur(Gunutur main), Page: 6
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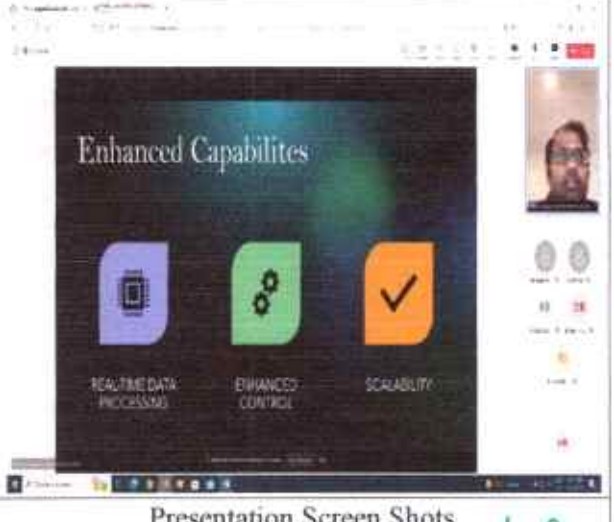
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Key note Speaker Presentation



Presentation Screen Shots



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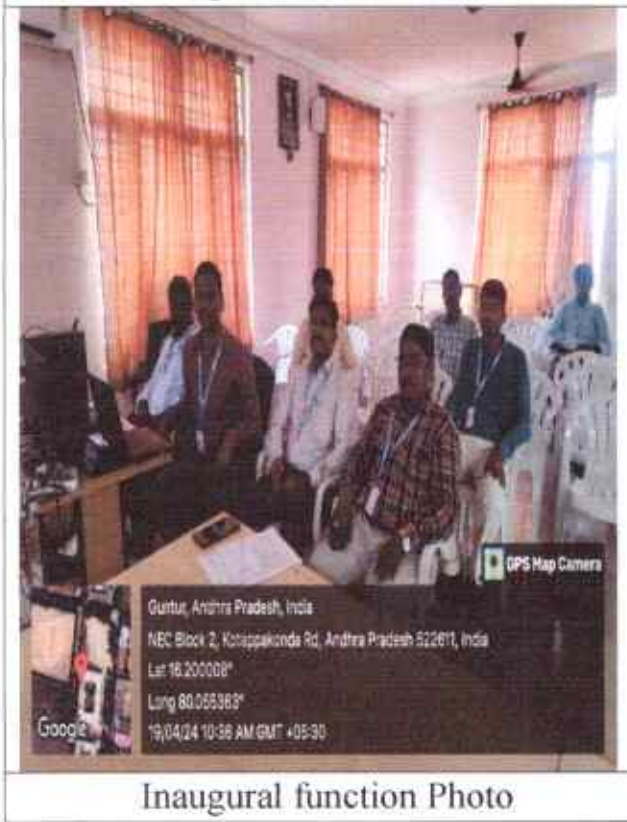
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19th & 20th April, 2024

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Dogiparthi Mabu Subhani

from Narasaraopeta Engineering College

Participated/ Presented a paper entitled with Human Action Recognition by Conceptual Features in the International Conference on Advances in Signal Processing and Communications NEC ICASPC-2K24 (Hybrid Mode) held at Department of Electronics and Communication Engineering, Narasaraopeta Engineering College, Narasaraopet during 19th & 20th April, 2024

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VSR Bhavana Priya Sadhu

from Narasaraopeta Engineering College

Participated/ Presented a paper entitled with Brain Tumor Detection using K-means clustering in the International Conference on Advances in Signal Processing and Communications NEC ICASPC-2K24 (Hybrid Mode) held at Department of Electronics and Communication Engineering, Narasaraopeta Engineering College, Narasaraopet during 19th & 20th April, 2024

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Challa Lakshma Reddy

from Narasaraopeta Engineering College

Participated/ Presented a paper entitled with DESIGN AND IMPLEMENTATION OF DIGITAL CIRCUITS USING FPGA in the International Conference on Advances in Signal Processing and Communications NEC ICASPC-2K24 (Hybrid Mode) held at Department of Electronics and Communication Engineering, Narasaraopeta Engineering College, Narasaraopet during 19th & 20th April, 2024

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Jeedimalla Roop Kishore

from Narasaraopeta Engineering College

Participated/ Presented a paper entitled with Heart Beat and Alcohol Detection in Smart Transportation system using IOT in the International Conference on Advances in Signal Processing and Communications NEC ICASPC-2K24 (Hybrid Mode) held at Department of Electronics and Communication Engineering, Narasaraopeta Engineering College, Narasaraopet during 19th & 20th April, 2024

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This is to Certify that

Annepaka Raveendra Babu

from Narasaraopeta Engineering College

Participated/ Presented a paper entitled with Analyzing the Performance Comparison of XOR-XNOR Cells Utilized in Hybrid Logic-Based Full Adder Using 45 nm Technology in the International Conference on Advances in Signal Processing and Communications NEC ICASPC-2K24 (Hybrid Mode) held at Department of Electronics and Communication Engineering, Narasaraopeta Engineering College, Narasaraopet during 19th & 20th April, 2024

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P. Vinuthna

from Narasaraopeta Engineering College

Participated/ Presented a paper entitled with Home safety with cloud based system in the International Conference on Advances in Signal Processing and Communications NEC ICASPC-2K24 (Hybrid Mode) held at Department of Electronics and Communication Engineering, Narasaraopeta Engineering College, Narasaraopet during 19th & 20th April, 2024

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P. JAYA BABU

from Narasaraopeta Engineering College

Participated/ Presented a paper entitled with IOT BASED PREGNANCY WOMENHEALTHMONITORING AND ASSISTANCE SYSTEMFORPRENATALCARE in the International Conference on Advances in Signal Processing and Communications NEC ICASPC-2K24 (Hybrid Mode) held at Department of Electronics and Communication Engineering, Narasaraopeta Engineering College, Narasaraopet during 19th & 20th April, 2024

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5th International Conference on Artificial Intelligence and its Emerging Areas (NEC-ICETMEIA - 2K24)

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 05-01-2024

CIRCULAR

All the Teaching staff members are here by informed that the Department of Computer Science and Engineering is going to organize 5th International Conference on "Artificial Intelligence and Its Emerging Areas -2K24" from 12-04-24 to 13-04-24. All the registered Teaching staff are requested to attend the conference with out fail.

Venue : Computer Lab(2201), Block-2, Narasaraopeta Engineering College.

Coordinator : Dr. S.V.N.Sreenivasu
Professor in CSE Dept.

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Copy to:

1. Chairman for Favor of Information
2. Principal
3. AO for Necessary arrangements
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About NEC

Narasaraopeta Engineering College was established in the year 1998 by Gayatri Educational Development Society, Narasaraopet, under the leadership of Sri M.V. Koteswara Rao, who has a vision of developing this college as an Autonomous institution of higher learning & knowledge in the heart of Palnadu region. The college is approved by AICTE, permanently affiliated to JNTUK Kakinada, NIRF Ranking (251-300 Band), Accredited 'A+' Grade by NAAC and Accredited quadruple (four times) by NBA. NEC is announced as 'AUTONOMOUS' in the year 2016. The college has launched Incubation Centre where the students can implement their ideas. The college management has an MOU with Oracle University (USA). The college has AP CM's Excellence centre, AI&ML centre and MSME centre. The college offers Ten courses at B.Tech. level in the branches CIVIL, EEE, ME, ECE, CSE, CSE(AI), IT, CSE (AI&ML), CSE (DS) & CSE (CS). The college has well equipped laboratories including 1200 computers with a bandwidth of 1 GBPS internet. Microsoft Innovation Centre was established in the college.

NEC has Indo-European skilling Centre for Mechatronics and Industrial Robotics in collaboration with APSSDC and ARC (Applied Robot Control), Germany. AP CM's Skill Excellence Center is also established to provide students access to the most advanced courses by industry giants. The college has MOU with New Mexico State University, USA, which enables student and faculty exchange programs.

Narasaraopet is known as the gateway of Palnadu. Narasaraopet is a town in Palnadu district and is on the railway line of Guntur to Guntakal. Narasaraopet is 50 Km from Guntur and 25 Km from Chilakaluripet (NH5) by road. Narasaraopet is 120 Km away from Vijayawada Airport. Kotappakonda is the site of major religious pilgrim place of Lord Shiva which is located 5 Km from NEC.

ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering was started in the year 1998 with an intake of 40 students in B.Tech. programme. The intake was enhanced subsequently, and the present intake is 420. The department also offer PG program M.Tech (Computer Science and Engineering) with an intake of 36 students. The department has a team of highly qualified, experienced and dedicated teaching faculty. The department has good infrastructural facilities and has full-fledged laboratories equipped with adequate state-of-the art equipment and latest software. The UG programme of the department is accredited by NBA. The department has vibrant atmosphere for the students to emphasize on fundamentals and concepts focusing on analysis and design of various applications to fulfil the needs of industry. The department encourages faculty members and research scholars to carry out their research in department research centre recognised by JNTUK, Kakinada.

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5th INTERNATIONAL CONFERENCE

ON

ARTIFICIAL INTELLIGENCE AND ITS EMERGING AREAS

NEC-ICAIEA-2K24

12th - 13th April, 2024

Organized By
Department of
Computer Science and Engineering (CSE),
IT, CSE(AI), CSE(CS), CSE(DS), CSE(AI & ML) & MCA

In Association With
CSI

Narasaraopeta Engineering College (Autonomous)
Kotappakonda Road, Yellamanda (Post),
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E-Mail: neccseicaiea2k24@gmail.com, csehod@nrtec.in
Website: http://www.nrtec.in

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ABOUT THE INTERNATIONAL CONFERENCE

The Objective of the NEC-ICAIEA-2K24 is to present the latest research and results of scientists related to Computer Science and Engineering, Artificial Intelligence, Machine Learning, Deep Learning and Emerging area topics. This conference provides opportunities for the delegates to exchange new ideas and application experience. We hope that the conference results constituted a significant contribution to the knowledge in these upto date scientific fields. The organizing committee of conference is pleased to invite prospective authors to submit their original manuscripts to NEC-ICAIEA-2K24.

TOPICS OF THE CONFERENCE

- Artificial Intelligence
- Machine Learning
- Deep Learning
- Natural Language Processing
- Computer Vision
- IoT
- Image Processing
- Block Chain Technologies
- Cyber Security
- Big Data
- Cloud Computing
- Distributed Operating System
- Software Testing
- AR & VR
- Any Other Emerging Areas

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Authors intending to present papers are requested to send two hard copies of full length paper in IEEE format not exceeding 5 pages along with a soft copy should upload in google form Link: https://forms.gle/fkbpFB7tNd9RFCwG6 and also send soft copy through e-mail (necicaiea2k24@gmail.com). The selected papers will be notified for registration.

- No. of Authors per paper is limited to four only.
- E-certificate will be provided to authors presentation and present during their paper presentation.
- ISBN International conference proceedings will be provided with an additional charge of INR 1000 (Cost of one book)
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Dr. D. Rajaya Lakshmi, JNTUK
Dr. G. Madhavi, JNTUK
Dr M.BabuReddy, KU

IMPORTANT DATES

Paper Submission opens from	: 10th January, 2024
Paper Submission closes on	: 25th March, 2024
Acceptance Intimation	: 06th April, 2024
Camera Ready Paper, Copy right form Submission & Author Registration	: 08th April, 2024
Conference Dates	: 12th & 13th April, 2024

REGISTRATION DETAILS

Categories	Registration Fees
Students / Faculty	Rs. 500/-
R & D / Industry	Rs. 1,000/-
Foreign Delegates	US$ 100

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   Phone No. (with STD Code) : .....
   Mobile No. : .....
   E-mail ID : .....
5. Title of the Paper : .....
   .....
6. Fees: (Tick √ whichever is applicable)
   For Students/Faculty : INR 500
   For R&D / Industry : INR 1,000
   For Foreign delegates : US$ 100
7. Mode of Payment: Phone Pay/GPay/Online Transfer

Name of the Beneficiary : Narasaraopet Engineering College
Account No : 476010100026877
Bank Name : Axis Bank (Narasaraopet Branch)
IFSC Code: UTIB0000476

DECLARATION

The information provided by me is true to the best of my knowledge. If selected, I agree to abide by rules and regulations of the organization and shall attend the international conference for the entire duration. I also undertake the responsibility to inform the Convener, in case I am unable to attend the international conference.

PRINCIPAL

Place: NARASARAOPETA ENGINEERING COLLEGE
Date : (AUTONOMOUS)
NARASARAOPET - 522 601
Guntur (Dist.), A.P.

Signature of the Participant

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Brochure

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Schedule

International Conference on Artificial Intelligence and Its Emerging Areas

NECICAIEA2K24, 12th-13th APRIL 2024

Organized by Department of Computer Science and Engineering,
CSE(AI),IT,CSE(AIML),CSE(DS),CSE(CS) & MCA

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Narasaraopet, A.P, India

TRACK -3

Time (IST)	Friday, 12th April 2024		Time (IST)	Saturday, 13th April 2024
11.00 AM-01.00 PM	**Session-3** **Session Chairs** Dr M.Srinivasa Seshasai, Professor, Dr K.Nageswara Rao, Professor Coordinator: **Mr Yaswanth, Asst. Professor** **NECICAIEA-2K24- Join Link2 :-** https://tinyurl.com/NEC-ICAIEA2K24-TRACK-3		11:00 AM-01:00 PM	**Session-11** **Session Chairs** Dr U.Usha Rani, Professor Dr V.V.A.S.Lakshmi, Professor, Coordinator: **Mr G.Mahesh Babu, Asst. Professor** **NECICAIEA-2K24- Join Link2 :-** https://tinyurl.com/NEC-ICAIEA2K24-TRACK-3
02.00 PM-04:00 PM	**Session-7** **Session Chairs** Dr K.V.D.Kiran, Professor, Dr V.V.A.S.Lakshmi, Professor Coordinator: **Mr G.Mahesh Babu, Asst. Professor** **NECICAIEA-2K24- Join Link2 :-** https://tinyurl.com/NEC-ICAIEA2K24-TRACK-3		02.00 PM-04:00 PM	**Session-15** **Session Chairs** Dr K. Pavan Kumar, Professor, Dr K.Lakshmiuadh, Professor Coordinator: **Mr G.Mahesh Babu, Asst. Professor** **NECICAIEA-2K24- Join Link2 :-** https://tinyurl.com/NEC-ICAIEA2K24-TRACK-3

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TRACK -4

Time (IST)	Friday, 12th April 2024		Time (IST)	Saturday, 13th April 2024
11.00 AM-01.00 PM	**Session-4** **Session Chairs** Dr B.Bhanu Prakash, Professor, Dr S.V.N.Srinivasu, Professor Coordinator: **Ms Y.Chandana Asst. Professor** **NECICAIEA-2K24- Join Link :-** https://tinyurl.com/NEC-ICAIEA2K24-TRACK-4		11:00 AM-01:00 PM	**Session-12** **Session Chairs** Dr M.Prasad, Professor, Dr M.Sireesha, Associate Professor Coordinator: **Mr Sk. Rafi, Associate Professor** **NECICAIEA-2K24- Join Link :-** https://tinyurl.com/NEC-ICAIEA2K24-TRACK-4
02.00 PM-04:00 PM	**Session-8** **Session Chairs** Dr N.Sri Hari, Professor Dr M.Sireesha Professor, Coordinator: **Mr D.Venkata Reddy, Asst Professor** **NECICAIEA-2K24- Join Link :-** https://tinyurl.com/NEC-ICAIEA2K24-TRACK-4		02.00 PM-04:00 PM	**Session-16** **Session Chairs** Dr V. Pavan, Professor, Dr K.Lakshminadh, Professor Coordinator: **Mr M. Satyam Reddy, Associate Professor** **NECICAIEA-2K24- Join Link :-** https://tinyurl.com/NEC-ICAIEA2K24-TRACK-4

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Keynote Address Schedule WITH Online Joining Links

Time (IST)	Friday, 12th April 2024		Time (IST)	Saturday, 13th April 2024
10.00 AM-11.00 AM	Inaugural Ceremony (Online) & Keynote Address By **Dr. Venkata Tulasiramu Ponnada, Collins Aerospace, West Melbourne, FL,USA** Join Link: - https://tinyurl.com/NEC-ICAIEA2K24-TRACK-1		10:00 AM-11:00 AM	Keynote Address by Dr TienAnh Tran Professor South Korea Vietnam Maritime University (VMU),Haiphong,Vietnam Coordinator: **Dr. S.V.N. Sreenivasu** Join Link:- https://tinyurl.com/NEC-ICAIEA2K24-TRACK-1

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Inaugural Schedule

12-04-2024	**Inaugural Session (10:00AM – 10:30 AM)**
	Inaugural Session Online
9:30-10:00 AM	Sharing of Login Link and Joining of the Participants
10:00 AM	Welcome Address & Introduction to International Conference NEC-ICAIEA-2K24 by "**Dr. S. V.N. SREENIVASU**" Convenor, NEC-ICAIEA-2K24
10:10 AM	Address by "Dr. **S.N. Tirumala Rao**", Chief Convener- NEC-ICAIEA-2K24, Head, Department of Computer Science and Engineering, Narasaraopeta Engineering College
10:15 AM	Address by Chief Patron " **Sri M. S. Chakravarthi** ", Vice Chairman NEC Group
	Address by Co-Patron "**Dr. M. Sreenivasa Kumar**", Principal Narasaraopeta Engineering College, Narasaraopet, A.P.,India
10:25 AM	Address by , **Dr Tulasiram Pnnada**, Keynote Speaker Lead Staff Engineer, M/s Collins Aerospace Melborne, Florida, USA
10.30AM	Address by Dr TienAnh Tran Seoul National University(SNU), Seoul, South Korea Vietnam Maritime University (VMU), Haiphong,Vietnam
10.35 AM	Release the Conference Proceeding with the hands of all dignitaries
10:40 AM	Vote of Thanks
10:40 AM	Key note Speaker Lecture

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TRACK -1

Time (IST)	Friday, 12th April 2024	Time (IST)	Saturday, 13th April 2024
11.00 AM- 01.00 PM	**Session-1** Session Chairs- Dr M.M.Venkata Chalapathi Professor **Dr K. Suresh Babu Professor** Coordinator Mr C.Narasimha Reddy, Asst.Professor	11:00 AM- 01:00 PM	**Session-9** Session Chairs Dr Stalin Babu, Professor, **Dr S.N.Tirumal Rao, Professor** Coordinator Mr N.Vijay Kumar, **Asst.** Professor Join Link:- https://tinyurl.com/NEC-ICAIEA2K24-TRACK-1
02.00 PM- 04:00 PM	**Session-5** Session Chairs- Dr R.Eswaraiah, Professor, **Dr K.Suresh Babu, Professor** Coordinator Mr T.G.Ramnadh Babu, Asst.Professor Join Link:- https://tinyurl.com/NEC-ICAIEA2K24-TRACK-1	02.00 PM- 04:00 PM	**Session-13** Session Chairs- Dr G.Siva Nageswara Rao, Professor, **Dr S.V.N.Sreenivasu, Professor** Coordinator Mr. M.Sunitha, **Asst** Professor Join Link:- https://tinyurl.com/NEC-ICAIEA2K24-TRACK-1

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TRACK -2

Time (IST)	Friday, 12th April 2024		Time (IST)	Saturday, 13th April 2024
11.00 AM-01.00 PM	**Session-2** **Session Chairs** Dr T.Subba Reddy, Professor, Dr B.Jhansi Vazram, Professor Coordinator: **Mr M.Ramakrishna Reddy Asst. Professor** **NECICAIEA-2K24- Join Link2 :-** https://tinyurl.com/NEC-ICAIEA2K24-TRACK-2		11:00 AM-01:00 PM	**Session-10** **Session Chairs** Dr Naga Raju Devarakonda, Professor Dr E.Rama Krishna Associ.Professor, Coordinator: **Mr. Sk.Md.Jhani, Associate Professor** **NECICAIEA-2K24- Join Link2 :-** https://tinyurl.com/NEC-ICAIEA2K24-TRACK-2
02.00 PM-04:00 PM	**Session-6** **Session Chairs** Dr K.Hazrathaiah, Professor, Dr E.Rama Krishna, Associate Professor Coordinator: **Mr M.Ramakrishna Reddy, Asst. Professor** **NECICAIEA-2K24- Join Link2 :-** https://tinyurl.com/NEC-ICAIEA2K24-TRACK-2		02.00 PM-04:00 PM	**Session-14** **Session Chairs** Dr A.Sri Krishna, Professor, Dr B.Jhansi Vazram, Professor Coordinator: **Mr Sk.Md.Jhani, Asst. Professor** **NECICAIEA-2K24- Join Link2 :-** https://tinyurl.com/NEC-ICAIEA2K24-TRACK-2

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Attendance sheet

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FACULTY PUBLICATIONS - 2023-24

S.No.	Author Name	Title of the Paper	Name of the Conference	Year
1	Dr. S. N. Tirumala Rao	Recognising Image Manipulations Utilising CNN and ELA	5th International Conference on "**Artificial Intelligence and its Emerging Areas**" NEC-ICAIEA-2K24	Apr-24
2	Dr.S.V.N.Sreenivasu	ECG Classification With Convolutional Neural Networks	5th International Conference on "**Artificial Intelligence and its Emerging Areas**" NEC-ICAIEA-2K24	Apr-24
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8	Dr. Kunda Suresh Babu	Deep Learning : Driver Drowsiness Detection	5th International Conference on "**Artificial Intelligence and its Emerging Areas**" NEC-ICAIEA-2K24	Apr-24
9	Dr. Rama Krishna Eluri	Automatic Recognition of Traffic Signs Based on Visual Inspection	5th International Conference on "**Artificial Intelligence and its Emerging Areas**" NEC-ICAIEA-2K24	Apr-24
10	K.V.Narasimha Reddy	Calorie Burnt Prediction Using Machine Learning	5th International Conference on "**Artificial Intelligence and its Emerging Areas**" NEC-ICAIEA-2K24	Apr-24
11	M.SATHYAM REDDY	Deep Learning: College Enquiry chat-bot	5th International Conference on "**Artificial Intelligence and its Emerging Areas**" NEC-ICAIEA-2K24	Apr-24

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12	Shaik Khaja Mohiddin Basha	Fake Currency Detection	5th International Conference on **"Artificial Intelligence and its Emerging Areas"** NEC-ICAIEA-2K24	Apr-24
13	Nukala Vijay Kumar	Brain Tumor Detection Using Deep Learning	5th International Conference on **"Artificial Intelligence and its Emerging Areas"** NEC-ICAIEA-2K24	Apr-24
14	SYED RIZWANA	Early Diagnosis of Breast Cancer Through Mammographic Image Analysis	5th International Conference on **"Artificial Intelligence and its Emerging Areas"** NEC-ICAIEA-2K24	Apr-24
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18	Marella Venkata Rao	Facial Emotion Detection Using Deep Learning	5th International Conference on **"Artificial Intelligence and its Emerging Areas"** NEC-ICAIEA-2K24	Apr-24
19	M.Suneetha	Customer Segmentation using K-Means	5th International Conference on **"Artificial Intelligence and its Emerging Areas"** NEC-ICAIEA-2K24	Apr-24
20	T G Ramnadh Babu	FAKE NEWS DETECTION	5th International Conference on **"Artificial Intelligence and its Emerging Areas"** NEC-ICAIEA-2K24	Apr-24
21	Gaddam Saranya	Diabetes Prediction: A Unique Machine Learning Approach	5th International Conference on **"Artificial Intelligence and its Emerging Areas"** NEC-ICAIEA-2K24	Apr-24
22	Ch.Rajani	Flight Fare prediction using Random Forest Algorithm	5th International Conference on **"Artificial Intelligence and its Emerging Areas"** NEC-ICAIEA-2K24	Apr-24
23	M.Mounika Naga Bhavani	Predicting solar radiation with various machine learning algorithms,	5th International Conference on **"Artificial Intelligence and its Emerging Areas"** NEC-ICAIEA-2K24	Apr-24

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S.No.	Author Name	Title of the Paper	Name of the Conference	Year
24	N.B.S.Vijay Kumar	Solar-Powered Vertical Farms: Sustainable Food and Energy Integration	5th International Conference on **"Artificial Intelligence and its Emerging Areas"** NEC-ICAIEA-2K24	Apr-24
25	Dr. SMP Qubeb	Designing Secure Data Sharing And Authorized Searchable System For E-Health Care	5th International Conference on **"Artificial Intelligence and its Emerging Areas"** NEC-ICAIEA-2K24	Apr-24
26	Y.VENKTALAKSHMI	wish list product price comparison project	5th International Conference on **"Artificial Intelligence and its Emerging Areas"** NEC-ICAIEA-2K24	Apr-24
27	Sireesha Kakulla	Streamlining Educational Administration: An Integrated Website Solution for Operational Excellence	5th International Conference on **"Artificial Intelligence and its Emerging Areas"** NEC-ICAIEA-2K24	Apr-24
28	Venkateswara Rao K	Fake Currency Note Detection System	5th International Conference on **"Artificial Intelligence and its Emerging Areas"** NEC-ICAIEA-2K24	Apr-24
29	K.Sireesha	Embedded Night Vision System for Pedestrian Detection	5th International Conference on **"Artificial Intelligence and its Emerging Areas"** NEC-ICAIEA-2K24	Apr-24
30	M. Mohana Deepti	Ingredient Identification from food Image	5th International Conference on **"Artificial Intelligence and its Emerging Areas"** NEC-ICAIEA-2K24	Apr-24
31	B. Venu Gopal	CERTIFICATE VERIFICATION USING BLOCK CHAIN	5th International Conference on **"Artificial Intelligence and its Emerging Areas"** NEC-ICAIEA-2K24	Apr-24
32	A.Ramaprathap Reddy	Enforcing Helmet Compliance: AI-Based Vehicle Plate and Rider Safety System	5th International Conference on **"Artificial Intelligence and its Emerging Areas"** NEC-ICAIEA-2K24	Apr-24
33	Dr.A. Srinivasa Rao	DIGI Dress - A virtual dress trial using GenAi	5th International Conference on **"Artificial Intelligence and its Emerging Areas"** NEC-ICAIEA-2K24	Apr-24
34	A. Rama Pratap Reddy	Forecasting Personality Traits from Twitter Tweets	5th International Conference on **"Artificial Intelligence and its Emerging Areas"** NEC-ICAIEA-2K24	Apr-24
35	Y . Mohan Das	DIABETICS PREDICTION USING MACHINE LEARNING TECHNIQUES	5th International Conference on **"Artificial Intelligence and its Emerging Areas"** NEC-ICAIEA-2K24	Apr-24
36	A. Koteswara Rao	Classification Of Toxic Comments Using Machine Learning Algorithms	5th International Conference on **"Artificial Intelligence and its Emerging Areas"** NEC-ICAIEA-2K24	Apr-24
37	Dr.Ch.Rathna Jyothi	Face Mask Detection and Face Mask Removal using GAN	5th International Conference on **"Artificial Intelligence and its Emerging Areas"** NEC-ICAIEA-2K24	Apr-24

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38	KONDA SAILESH REDDY	Unraveling the Magic of Natural Language Processing: A Comprehensive Overview	5th International Conference on **"Artificial Intelligence and its Emerging Areas"** NEC-ICAIEA-2K24	Apr-24
39	Dr.K.Sireesha	Prediction of air pollution by using machine learning Algorithm	5th International Conference on **"Artificial Intelligence and its Emerging Areas"** NEC-ICAIEA-2K24	Apr-24
40	S. Razia	CYBER THREAT DETECTION BASED ON ANN	5th International Conference on **"Artificial Intelligence and its Emerging Areas"** NEC-ICAIEA-2K24	Apr-24
41	Y Mohan Das	An experimental study for software quality prediction with machine learning methods	5th International Conference on **"Artificial Intelligence and its Emerging Areas"** NEC-ICAIEA-2K24	Apr-24
42	Dr.MD.Sirajuddin	A Novel Secure Framework Based on Trust Based Routing And Lightweight Cryptographic Scheme to Ensure Secure Communication in WSN	5th International Conference on **"Artificial Intelligence and its Emerging Areas"** NEC-ICAIEA-2K24	Apr-24
43	Dr. SMP Qubeb	Designing Secure Data Sharing And Authorized Searchable System For E-Health Care	5th International Conference on **"Artificial Intelligence and its Emerging Areas"** NEC-ICAIEA-2K24	Apr-24
44	Biswajit Tripathy	OCC-Net: Data-Driven COVID-19 Disease Prediction Using Optimized Convolutional Neural Networks	5th International Conference on **"Artificial Intelligence and its Emerging Areas"** NEC-ICAIEA-2K24	Apr-24
45	Alok Kumar Singh	Smart Integration of Solar Energy: Optimizing Power Quality with SPV-DSTATCOM for Enhanced Harmonic Suppression and Power Factor Correction	5th International Conference on **"Artificial Intelligence and its Emerging Areas"** NEC-ICAIEA-2K24	Apr-24
46	Kunjee Lal Meena	Optimizing Additive Manufacturing: Maximizing Mechanical Properties of PETG Composites in 3D Printing	5th International Conference on **"Artificial Intelligence and its Emerging Areas"** NEC-ICAIEA-2K24	Apr-24
47	Amit Singla	Advanced COVID-19 Lesion Segmentation in Chest X-rays: A Transfer Learning Architecture	5th International Conference on **"Artificial Intelligence and its Emerging Areas"** NEC-ICAIEA-2K24	Apr-24
48	Nirmal Sharma	Design and Implementation of FinFET and GnrFET based Dynamic Path Auto-Configurable Multiplier	5th International Conference on **"Artificial Intelligence and its Emerging Areas"** NEC-ICAIEA-2K24	Apr-24
49	Kunjee Lal Meena	Optimizing Micro Drilling Electrical Discharge Machining Micro Drilling Parameters for Nickel-Based Superalloys: An SEM-Analysis	5th International Conference on **"Artificial Intelligence and its Emerging Areas"** NEC-ICAIEA-2K24	Apr-24

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19	M.Suneetha	Customer Segmentation using K-Means	5th International Conference on "**Artificial Intelligence and its Emerging Areas**" NEC-ICAIEA-2K24	Apr-24
20	T G Ramnadh Babu	FAKE NEWS DETECTION	5th International Conference on "**Artificial Intelligence and its Emerging Areas**" NEC-ICAIEA-2K24	Apr-24
21	Gaddam Saranya	Diabetes Prediction: A Unique Machine Learning Approach	5th International Conference on "**Artificial Intelligence and its Emerging Areas**" NEC-ICAIEA-2K24	Apr-24
22	Ch.Rajani	Flight Fare prediction using Random Forest Algorithm	5th International Conference on "**Artificial Intelligence and its Emerging Areas**" NEC-ICAIEA-2K24	Apr-24
23	M.Mounika Naga Bhavani	Predicting solar radiation with various machine learning algorithms,	5th International Conference on "**Artificial Intelligence and its Emerging Areas**" NEC-ICAIEA-2K24	Apr-24

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Program Report

NEC NARASARAOPETA ENGINEERING COLLEGE
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Kotappakonda Road, Yellamanda (Post), Narasaraopet-522601, Palnadu District, A.P., India.
Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK, Kakinada, Code: 47,
Accredited by NBA & NAAC A+, ISO 9001 – 2015 Certified Institution
Phone: 08647-239905 Website: www.nrtec.in

Date: 15th April ,2024.

Program Report

Name of the program : International Conference on Artificial Intelligence and Its Emerging Areas(NEC-ICAIEA-2K24)

Date(s) of Conference : 12th & 13th April ,2024.

Details of the Keynote Speaker1:

Name : Dr.Tulasiram ponnada.
Designation : Lead Staff Engineer.
Organization : M/S Collins Aerospace Melborne,Florida,USA

Details of the Keynote Speaker2:

Name : Dr.TienAnh Tran.
Designation : Professor.
Organization : South Korea Vietnam Maritime University(VMU), Haiphong,Vietnam.

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Conference advisory committee members have drawn a large number of high quality submissions from students,research scholars and faculty members all over India and Abroad.

The ultimate aim of the conference is to provide a platform to disclose,discuss the scientific and technological events aimed to ignite the young minds and continue the kindled torch relay

In the field of Machine Learning

In the field of Deep Learning

In the field of ComputerVision

In the field of NLP

In Robotics and many other Bussiness oriented platforms.

No.of.participants: 23

Coordinator

HOD

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Press Note & Coverage

NEC లో ఆర్టిఫిషియల్ ఇంటలిజెన్స్ మరియు వాటి ఎమర్జింగ్ ఏరియాస్ పై అంతర్జాతీయ సమావేశం

స్థానిక నరసరావుపేట ఇంజనీరింగ్ కళాశాల కంప్యూటర్ సైన్స్ మరియు ఇంజనీరింగ్ విభాగము ఆధ్వర్యంలో ఆర్టిఫిషియల్ ఇంటెలిజెన్స్ మరియు వాటి ఎమర్జింగ్ ఏరియాస్ పై అంతర్జాతీయ సమావేశమును మార్చ్ 17 మరియు 18 తేదీలలో జరిగినది అని కళాశాల చైర్మన్ శ్రీ మిట్టపల్లి చక్రవర్తి గారు ఒక ప్రకటనలో తెలియజేశారు.

ఈ అంతర్జాతీయ సమావేశ ముఖ్య ఉపన్యాసంలో సమావేశ ముఖ్య ఉపన్యాసకులుగా డాక్టర్ అజయ్ బండి, ప్రొఫెసర్, నార్త్ వెస్ట్ మిస్సౌరి స్టేట్ యూనివర్సిటీ, యునైటెడ్ స్టేట్స్ ఆఫ్ అమెరికా పాల్గొన్నారు.

సమావేశ ప్రారంభ మరియు కళాశాల ప్రిన్సిపల్ డాక్టర్ ఎం శ్రీనివాస కుమార్ గారు, కంప్యూటర్ సైన్స్ మరియు ఇంజనీరింగ్ విభాగాధిపతి డాక్టర్ ఎన్ ఎస్ తిరుమల రావు గారు, వివిధ విభాగ అధిపతులు మరియు అంతర్జాతీయ సమావేశ కన్వీనర్ డాక్టర్ ఎస్ వి ఎన్ శ్రీనివాస్ గారులు అంతర్జాతీయ సమావేశమును ప్రారంభించారు.

ఈ సమావేశంలో ముఖ్య అతిథి డాక్టర్ అజయ్ బండి గారు "కృత్రిమ మేధస్సు - ఎంపవర్ అప్లికేషన్స్ ఇన్ 6జి కమ్యూనికేషన్ ఆపర్చునిటీస్ మరియు చాలెంజ్" అను అంశంపై ముఖ్య ఉపన్యాసమును ఇచ్చారు. ఇరు టెక్నాలజీస్ లో ప్రస్తుత రీసెర్చ్ ని విశదీకరిస్తూ రాబోవు 10 సంవత్సరాలలో 6జి టెక్నాలజీ యొక్క ఉపయోగాలు వాటి ప్రాముఖ్యత, కృత్రిమ మేధస్సు అప్లికేషన్స్ కి 6జి టెక్నాలజీ అందించగలిగే విధానము దాని యొక్క ఆర్కిటెక్చర్, సెక్యూరిటీ ప్రివిలైజేషన్, కమ్యూనికేషన్స్ రంగంలో రాణించిన వివిధ జనరేషన్ ను ఉదాహరణంగా వివరించి, భారతదేశంలోని యువత రీసెర్చ్ రంగంలో రాణించుటకు 6జి టెక్నాలజీ తో కూడిన కృత్రిమ మేధస్సు చాలా బాగా ఇన్వేషన్స్ ను తీసుకు రాగలరని వివిధ దేశాల నుంచి పాల్గొనుచున్న విద్యార్థులకు సూచించారు.

ఈ కార్యక్రమంలో కళాశాల ప్రిన్సిపల్ డాక్టర్ ఎం శ్రీనివాస కుమార్ గారు మాట్లాడుతూ ఈ సమావేశము ద్వారా ఇంజనీరింగ్ విద్యార్థులు వారి యొక్క ఎన్నో ఇన్నోవేషన్స్ ఐడియాస్ మరియు వారి యొక్క ప్రతిభను టెక్నాలజీ ఎక్స్పర్ట్స్ ద్వారా వారి అభిప్రాయాలతో పరిష్కరించి వారి రీసెర్చ్ ని ముందుకు తీసుకుని వెళ్ళి సమాజమునకు ఉపయోగపడే విధంగా చేసుకోవాలని తెలిపారు.

ఈ కార్యక్రమంలో పేపర్ సబ్మిషన్ కన్వీనర్ మరియు కళాశాల కంప్యూటర్ సైన్స్ మరియు ఇంజనీరింగ్ విభాగాధిపతి డాక్టర్ ఎన్ తిరుమల రావు గారు అంతర్జాతీయంగా 127 పేపర్స్ సమావేశమునకు వివిధ ప్రాంతాల నుండి ఇంజనీరింగ్ ప్రొఫెసర్స్, స్టూడెంట్స్ వారి యొక్క ఇన్నోవేషన్ ఐడియాస్ తో ప్రజెంట్ చేశారని వాటిని ఎక్స్పర్ట్స్ ద్వారా ఎవల్యూషన్ చేసినట్లు తెలిపారు.

ఈ సమావేశ సంధాన కర్త డాక్టర్ ఎస్ వి ఎన్ శ్రీనివాస్ గారు మాట్లాడుతూ ఈ సమావేశం నందు ప్రజెంట్ చేసిన పేపర్స్ ను అంతర్జాతీయ ప్రామాణిక పుస్తక సంఖ్య కలిగిన సమావేశ ప్రొసీడింగ్స్ ను పుస్తక రూపంలో ప్రచురిస్తానని తెలిపారు.

ఇలాంటి సమావేశం ద్వారా ఇంజనీరింగ్ విద్యార్థులకు కొత్త ఆలోచనలు వచ్చి ముందుముందు ఇన్నోవేషన్ చేయుటకు ఉపయోగపడుతుందని కళాశాల చైర్మన్ శ్రీ మిట్టపల్లి కోటేశ్వరరావు గారు తెలిపారు.

కళాశాల సెక్రటరీ మిట్టపల్లి రమేష్ బాబు గారు మాట్లాడుతూ ఇలాంటి సమావేశములను కళాశాలలోని ప్రతి ఒక్క విభాగము ప్రతి సంవత్సరము నిర్వహిస్తున్నందుకు విభాగాలను అభినందించారు.

ఈ సమావేశం నందు వివిధ విభాగ అధిపతులు, ప్రొఫెసర్లు, అధ్యాపకులు, పరిశోధన విద్యార్థులు మరియు పారిశ్రామిక పరిశోధకులు పాల్గొన్నారు.

9849866902.

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Photos

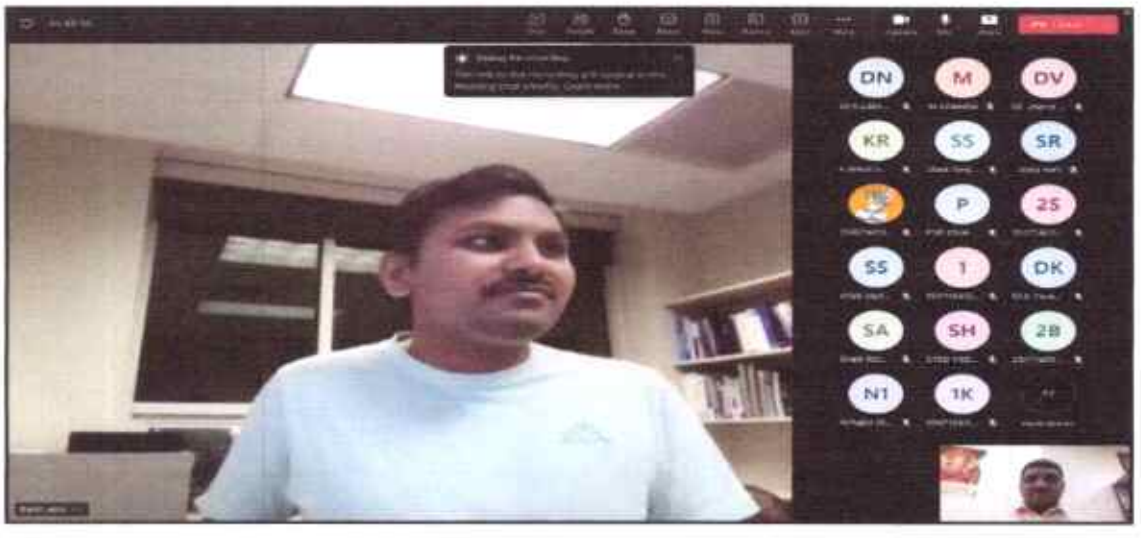
INTERNATIONAL CONFERENCE ON

ARTIFICIAL INTELLIGENCE AND ITS EMERGING AREAS

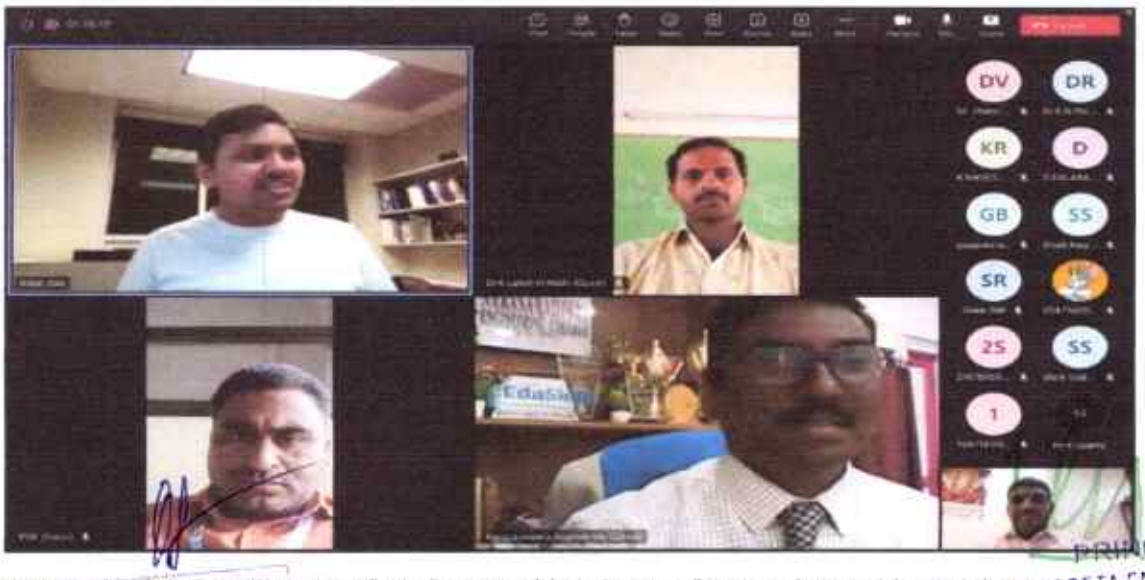
Glimpse of International Conference on Artificial Intelligence and its Emerging Areas



Glimpse of conference inauguration



Keynote Person delivering the speech



Principal,HOD,Coordinators of confrernce addressing conference along with participants

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Virtual International Conference on

Artificial Intelligence and Its Emerging Areas

NEC-ICAIEA-2K21

16th & 17th July, 2021

Organized by Department of Computer Science and Engineering in Association with CSI

PAPER ID
NECICAIEA038

Certificate of Presentation

This is to certify that S. Siva Nageswara Rao , NARASARAOPETA ENGINEERING COLLEGE, has presented the paper titles " Facial Expression Recognition With Convolutional Neural Networks " in the International Conference on Artificial Intelligence and Its Emerging Areas-2k21 [NEC-ICAIEA-2k21], Organized by the Department of Computer Science and Engineering in Association with CSI on 16th and 17th July 2021 at Narasaraopeta Engineering College (AUTONOMOUS), Narasaraopet, A.P. , India

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Chief-Convenor
Dr.S.N.Tirumala Rao

Principal, Patron
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16th & 17th July, 2021

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PAPER ID
NECICAIEA039

Certificate of Presentation

This is to certify that Mr.Sk.K.M.Basha , NARASARAOPETA ENGINEERING COLLEGE, has presented the paper titles " Fake Currency Detection" in the International Conference on Artificial Intelligence and Its Emerging Areas-2k21 [NEC-ICAIEA-2k21], Organized by the Department of Computer Science and Engineering in Association with CSI on 16th and 17th July 2021 at Narasaraopeta Engineering College (AUTONOMOUS), Narasaraopet, A.P. , India

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Paper ID
NECICAIEA-2K24-142

International Conference on
Artificial Intelligence and Its Emerging Areas
NEC-ICAIEA-2K24
12th & 13th April, 2024

Organized by Departments of CSE, IT, CSE(AI), CSE(AI&ML), CSE(DS), CSE(CS) & MCA in Association with CSI

Certificate of Presentation

This is to Certify that Dr. K. Lakshminadh, Narasaraopeta Engineerg College has presented the paper title **Controlling the screen using hand gestures without a mouse or keyboardt** in the International Conference on Artificial Intelligence and Its Emerging Areas-2K24 [NEC-ICAIEA-2K24], Organized by Department of Computer Science and Engineering, CSE(AI),IT,CSE(AIML),CSE(DS),CSE(CS) and MCA in Association with CSI on 12th and 13th April 2024 at NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS), Narasaraopet, A.P., India.

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Virtual International Conference on

Artificial Intelligence and Its Emerging Areas

NEC-ICAIEA-2K21

16th & 17th July, 2021

Organized by Department of Computer Science and Engineering in Association with CSI

PAPER ID
NECICAIEA033

Certificate of Presentation

This is to certify that S V N Sreenivasu , NARASARAOPETA ENGINEERING COLLEGE, has presented the paper titles " ECG Classification With Convolutional Neural Networks " in the International Conference on Artificial Intelligence and Its Emerging Areas-2k21 [NEC-ICAIEA-2k21], Organized by the Department of Computer Science and Engineering in Association with CSI on 16th and 17th July 2021 at Narasaraopeta Engineering College (AUTONOMOUS), Narasaraopet, A.P. , India

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4th International Conference on "Recent Trends in Power Systems and Power Electronics"

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Phone No: 08647 – 239913, 9908740746, Fax No. : 08647-239902
E – mail: nrtec_eee@yahoo.com, & hod.eee@nrtenggcollege.com Website: http://www.nrtenggcollege.com
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Date: 15.02.2024

Circular

A international level conference Conduct from 05.04.2024 to 06-04-2024 on Recent trends in power systems and power electronics NEC –ICPSPE-2K24 in Department AC Seminar hall Block-III. All the Faculty members are informed to attend without fail.

IQAC Coordinator HOD Principal

Copy to

1. Chairman, for favour of information
2. Principal
3. AO, for necessary arrangements
4. Department notice board
5. Circulation to all the Staff Members.

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Organized by Department of **Electrical and Electronics Engineering**

In Association With **IEEE & ISTE**

About the Conference

Department of Electrical & Electronics Engineering of Narasaraopeta Engineering College (NEC) Narasaraopet is proud to announce that the 4th International Conference on Recent Trends in Power Systems and Power Electronics NEC-ICPSPE-2K24 schedule on 05th & 06th April at NEC, Narasaraopet. The objective of the conference is to highlight the efforts of researchers who have harnessed the power of Technology in order to solve society's most pressing problems and to discuss the challenges faced in due course. This conference is a platform for students, researchers and industry experts to interact and exchange the technical matters, research methodologies and vision into the future in the field of Electrical and Electronics Engineering.

Topics of the Conference

The scope of the conference includes, but not limited to the following:

- AI Applications to Power Systems
- Big Data Analytics & IOT for Power Systems
- Control Applications to Power Systems
- Electrical Machines and Drives
- Energy Management for Smart Systems
- Generation, Transmission & Distribution
- Microgrid & Smart Grid
- Renewable Power conversion Technologies
- Power Quality Issues
- Power System Operations
- Power System Protection
- Power System Stability
- Power Electronics & Control for Smart Grids
- Power Quality Monitoring and Mitigation
- HVDC & FACTS
- Power Electronic Converters and Control Systems
- Power Electronics
- Wide Area Monitoring, Control & Automation
- Electric and Hybrid Vehicles

Conference Advisory Committee

Dr. S. Mary Raja Slochanal, St Joseph University in Tanzania, Tanzania
Dr. Uma Shankar Subrananian, Prince Sultan University, Saudi Arabia
Dr. K. Ravindra, JNTUK, Kakinada
Dr. I.Satish Kumar, NIT, Warangal
Dr. S. Chandrasekaran, NIT, Hamirpur
Dr. T. Narasimhulu, AU, Vizag
Dr. R. Ramesh, Anna University, Chennai
Dr. Ch. Chengaiah, SVU, Tirupati
Dr. Vijay Kumar, SRMU, Chennai

Important Dates

Paper Submission opens from	: 01st March, 2024
Paper Submission closes on	: 15th March, 2024
Acceptance Intimation	: 28th Marh, 2024
Camera Ready Paper, Copy right form Submission & Author Registration	: 31st March, 2024
Conference Date	: 05th & 06th April, 2024

Submission Guidelines

- Authors intending to present papers are requested to send Soft copies to neceeeicpspe@gmail.com
- The authors are requested to limit the number of pages to 6.
- The selected papers will be notified for registration.
- No. of Authors per paper is limited to four only.
- Certificate will be provided to authors who is presenting paper orally during the conference.
- All the presented Papers will be published in conference Proceedings with ISBN Number.
- The selected papers will be published in UGC-CARE Journals with prior consent of authors.

Registration & Account Details

Categories	Registration Fees
Students / Faculty	Rs. 300/-
R & D / Industry	Rs. 500/-
Foreign Delegates	US $50

Name of the Beneficiary : Narasaraopet Engineering College
Special Saving Account No : 476010100026877
Bank & Branch : Axis Bank, Narasaraopet
IFSC Code: UTIB0000476

Paper Submission Link:
http://tinyurl.com/NEC-ICPSPE-2K24

Chief Patron:
Sri M.S. Chakravarthi,
B.E., M.S(USA), Exec-MBA(ISB)
Vice - Chairman, NEC Group.

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Secretary, NEC Group

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M.Tech., Ph.D (IIT), MISTE, FIE(I)
Principal
Dr. D.Suneel,
M.Tech., Ph.D (IIT), MISTE, MIAENG
Vice Principal

Contact Details

Convener:
Dr. P.Lakshmanan
Prof. & Head
Dept. of EEE - 9494990832

Co-Convener:
Mr. Sk. Abdul Kalam
- 8143414849

Organizing Committee

Dr. Sk.Md.Shareef	Mr. G. Naveen
Mr. P.D.V.S.K. Kishore	Mrs. P.Bramarambavathi
Mr. G.Naga Raju	Mr. P.Naganjaneyulu
Mr. M. Chandra Sekhar	Ms. S. Saritha
Mr. Sk.Karimulla	Ms. P. Raghava Rani

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NARASARAOPETA ENGINEERING COLLEGE
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Kotappakonda Road, Yellamanda (P.O), NARASARAOPET – 522601, Guntur District, A.P.
Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada, Accredited 'A+' Grade by NAAC, ISO: 9001 : 2015 Certified Institution

4th INTERNATIONAL VIRTUAL CONFERENCE

RECENT TRENDS IN POWER SYSTEMS AND POWER ELECTRONICS

NEC-ICPSPE-2K24

05th & 06th April, 2024

Organized by

Department of **ELECTRICAL AND ELECTRONICS ENGINEERING**

INVITATION

Chief Patron
Sri M.S. Chakravarthi
B.Tech, MS (USA), Exec-MBA (ISB)
Vice - Chairman, NEC Group

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Chairman, NEC Group

Sri M. Ramesh Babu
Secretary, NEC Group

Co-Patrons
Dr. M.Sreenivasa Kumar, Principal
Dr. D.Suneel, Vice-Principal

Convenor
Dr. P.Lakshmanan,
Professor & Head, EEE

Co-Convenor
Mr. Sk. Abdul Kalam,
Associate Professor, EEE

Organizing Committee

Dr. Sk.Md. Shareef
Mr. P.D.V.S.K. Kishore
Mr. G.Naga Raju
Mr. M. Chandra Sekhar
Mr. SK. Karimulla
Mr. G. Naveen
Ms. P. Raghava Rani
Ms. P.Bramarambavathi
Mr. P.Naganjaneyulu
Ms. S. Santha

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Date: 01-02-2024

To
The Principal,

Dear Sir/Madam,

Sub: 4th International Virtual Conference - Reg.

Greetings.....

NEC, Electrical and Electronics Engineering - 4th International Virtual Conference on RECENT TRENDS IN POWER SYSTEMS AND POWER ELECTRONICS (NEC-ICPSPE-2K24) - Announcement and Call for Papers – Reg.

We are glad to inform you that our college is organizing an "RECENT TRENDS IN POWER SYSTEMS AND POWER ELECTRONICS - 2K24 (NEC-ICPSPE-2K24)" from 05th & 06th April, 2024.

We are enclosing a copy of the broucher with full details and request you to display it on your notice boards. This International Conference will bring together scientific research to cater the needs of both industry and society of Electrical and Electronic Engineering on to a common platform.

In this regard the faculty members, research scholars and P.G students of your organization are invited to present Research/Technical Papers in the field of Electrical and Electronics Engineering.

Hence we request you to encourage your faculty members and students to actively participate in this NEC-ICPSPE-2K24 and make it a grand success.

Thank You,

PRINCIPAL
Dr. M.Sreenivasa Kumar

ENCL: Poster & Brochure

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About NEC

Narasaraopeta Engineering College was established in 1998 by Gayatri Educational Development Society in Narasaraopet, under the leadership of Sri M.V. Koteswara Rao. The vision was to develop the college as an autonomous institution of higher learning and knowledge in the heart of the Palnadu region. The college is approved by AICTE, permanently affiliated with JNTUK Kakinada, and has an NIRF ranking in the 251-300 band. It is also accredited with an "A+" grade by the NAAC and has been accredited four times by the NBA & Awarded 'AAA+' ranking 2023 by Career360. NEC was announced as "Autonomous" in 2016.

The college has launched an Incubation Centre where students can implement their ideas, and the college management has an MOU with Oracle University (USA). Additionally, the college has an AP CM's Excellence Centre, an AI&ML Centre, and an MSME Centre. At the B.Tech. level, the college offers ten courses in the following branches: CIVIL, EEE, ME, ECE, CSE, CSE (AI), IT, CSE (AI&ML), CSE (DS), and CSE (CS). The college has well-equipped laboratories, including 1200 computers with a bandwidth of 400 MBPS and a Microsoft Innovation Centre.

The college has an Indo-European Skill Centre for Mechatronics and Industrial Robotics in collaboration with APSSDC and ARC (Applied Robot Control), Germany. Additionally, an AP CM Skill Excellence Centre was established to provide students access to the most advanced courses offered by industry giants. The college has an MOU with New Mexico State University, USA, which enables student and faculty exchange programmes.

Narasaraopet is known as the gateway to Palnadu and is located in the Palnadu district on the railway line from Guntur to Guntakal. It is 50 km from Guntur and 25 km from Chilakaluripet (NH5) by road. The town is 120 km away from Vijayawada Airport. Kotappakonda is a major religious pilgrimage of the diety Lord Shiva, located 5 km from NEC.

ABOUT THE DEPARTMENT

The Department of EEE was started in the year 1998 with an intake of 40 students in B.Tech programme. The intake was enhanced subsequently and the present intake is 120. The department also offer PG Program M.Tech [Power & Industrial Drives] with an intake of 18students. The Department has a team of highly, qualified, experienced and dedicated teaching faculty. The department has good infrastructural facilities and has full-fledged laboratories equipped with adequate state of the art equipment and latest Electrical softwares. The UG programme of the department is accredited Twice by NBA. The department has vibrant atmosphere for the students to emphasize on fundamentals and concepts focusing on analysis and design of various applications to fulfil the needs of industry. The department encourages faculty members and Research Scholars to carry out their Research

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B.Tech, MS (US), e-MBA (ISB-Hyd)
Vice-Chairman, NEC Group

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M.Tech, Ph.D (UK), MISTE, FIEG)
Principal, NEC

Dr. D.Suneel,
M.Tech, Ph.D, FIETE, MISTE, MBSI
Vice Principal, NEC

Convenor

Dr. P.Lakshmanan,
ME, Ph.D.,
Professor, Dept. Head EEE

Co-Convener

Mr. Sk. Abdul Kalam,
Associate Professor

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Dr. Sk.Md. Shareef
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Mr. G. Naveen
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Ms. P.Bramarambavathi
Mr. P.Naganjaneyulu
Ms. S. Saritha

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Accredited by NAAC 'A+' Grade, NIRF Rank (251-300 Band)}

4th INTERNATIONAL VIRTUAL CONFERENCE ON

RECENT TRENDNS IN POWER SYSTEMS AND POWER ELECTRONICS

NEC-ICPSPE-2K24

05th & 06th April, 2024

Organized By
Department of
Electrical and Electronics Engineering

Narasaraopeta Engineering College (Autonomous)
Kotappakonda Road, Yellamanda (Post),
Narasaraopet – 522601, Palnadu District, A.P.
Ph: 08647-239914, 9444552917
Fax No.: 08647-239902
E-Mail: neceeeicpspe@nrtec.in, hodeee@nrtec.in
Website: http://www.nrtec.in

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NARASARAOPET - 522 601
Guntur (Dist.), A.P.

ABOUT THE INTERNATIONAL CONFERENCE

Department of Electrical & Electronics Engineering of Narasaraopeta Engineering College (NEC) Narasaraopet is proud to announce that the 4th International Conference on Recent Trends in Power Systems and Power Electronics NEC-ICPSPE-2k24 schedule on 05th & 06th April, 2024 at NEC, Narasaraopet. The objective of the conference is to highlight the efforts of researchers who have harnessed the power of Technology in order to solve society's most pressing problems and to discuss the challenges faced in due course. This conference is a platform for students, researchers and industry experts to interact and exchange the technical matters, research methodologies and vision into the future in the field of Electrical and Electronics Engineering.

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- Big Data Analytics & IOT for Power Systems
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- Renewable Power Conversion Technologies
- Power Quality Issues
- Power System Operations
- Power System Protection
- Power System Stability
- Power Electronics & Control for Smart Grids
- Power Quality Monitoring and Mitigation
- HVDC & FACTS
- Power Electronic Converters and Control Systems
- Power Electronics
- Wide Area Monitoring, Control & Automation
- Electric and Hybrid Vechicles

SUBMISSION GUIDELINES

Authors intending to present papers are requested to send two hard copies of full length paper in IEEE format not exceeding 5 pages along with a soft copy should send through e-mail **neceeeicpspe@gmail.com**. The selected papers will be notified for registration.

- Number of Authors per paper is limited to four only.
- E-certificate will be provided to authors presentation and present during their paper presentation.
- ISBN International conference proceedings will be provided with an additional charge of INR 500 (Cost of one book)
- International Conference will be conducted on Microsoft Teams.

All submissions must include Title, Author(s) and Affiliation(s), Full Address for correspondence including phone number and e-mail ID.

PARTICIPANTS

Research Scholars / Academicians / Industrial Professionals / students

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CONFERENCE ADVISORY COMMITTEE

Dr. S. Mary Raja Slochanal,
St. Joseph University in Tanzania, Tanzania

Dr.Uma Shankar Subramanian,
Prince Sultan University, Saudi Arabia

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Dr.I.Satish Kumar,
NIT Warangal

Dr.S. Chandrasekaran,
NIT, Hamirpur

Dr.T. Narasimhulu,
AU, Vizag

Dr.R.Ramesh,
Anna University, Chennai

Dr.Ch.Chengaiah,
SVU, Tirupathi

Dr.Vijay Kumar,
SRMU, Chennai

Registration & Account Details

Categories	Registration Fee
Students / Faculty	Rs. 300/-
R & D / Industry	Rs. 500/-
Foreign Delegates	US $50

Name of the Beneficiary: Narasaraopet Engineering College
Special Saving Account No: 476010100026877
Bank & Branch: Axis Bank, Narasaraopet
IFSC Code: UTIB0000476

Paper Submission Link:
https://tinyurl.com/NEC-ICPSPE-2K24

Paper Submission Through E-mail
neceeeicpspe@gmail.com

NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)
Narasaraopet – 522601, Palnadu District, A.P.

4th INTERNATIONAL VIRTUAL CONFERENCE ON
RECENT TRENDNS IN POWER SYSTEMS AND POWER ELECTRONICS

NEC-ICPSPE-2K24

05th & 06th April, 2024

APPLICATION FORM

1. Name (in Block Letters) : .....
2. Designation : .....
3. College / Organization : .....
4. Address for Communication : .....
   .....
   .....
   Phone No. (with STD Code) : .....
   Mobile No. : .....
   E-mail ID : .....
5. Title of the Paper : .....
   .....

IMPORTANT DATES

Paper Submission opens from	01st March, 2024
Paper Submission closes on	15th March, 2024
Acceptance Intimation	28th March, 2024
Camera Ready Paper, Copy right form Submission & Author Registration	31st March, 2024
Conference Dates	05th & 06th April 2024

DECLARATION

The information provided by me is true to the best of my knowledge. If selected, I agree to abide by rules and regulations of the organization and shall attend the international conference for the entire duration. I also undertake the responsibility to inform the Convener, in case I am unable to attend the international conference.

Place:
Date :

Signature of the Participant

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Schedule

NARASARAOPETA ENGINEERING COLLEGE
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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

4th International Virtual Conference on Recent Trends in Power Systems and Power Electronics"-NEC-ICPSPE-2K24
5th & 6th April 2024

Chief Patron

Sri M.S.Chakravarthi, B.Tech, MS(US),eMBA(ISB-Hyd)
Vice-Chairman, NEC Group

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Sri M.V.Koteswara Rao, B.Sc.
Chairman,NEC Group

Sri M.Ramesh Babu, B.Com.
Secretary, NEC Group

Co-Patrons

Dr M.Sreenivasa Kumar, M.Tech, Ph.D.(UK),MISTE,FIE(I)
Principal

Dr D.Suneel, M.Tech, Ph.D, FIE (I), MISTE, MRSI
Vice Principal

Chief Convenor

Dr.P.Lakshmanan, M.E, Ph.D, MIEEE, MIET
Professor & Head of EEE

Convenor

Mr. Sk. Abdul Kalam,
Assoc. Professor, EEE

Day-1 (05.04.2024)

Keynote Speaker:

Dr. Ch.Venkateswara Rao
Sr. Lecturer, University of Technology and Applied Sciences- Salalah, Sultanate of OMAN

Panel-I External Chair:

Dr. Ch.Rambabu, Professor, EEE, Vasireddy Venkatadri Institute of Technology, Guntur, Guntur Dist.

Panel -II External Chair:

Dr. T.Narasimhulu, Dean R&D, Assoc Professor, EEE, Baba Institute of Technology and Sciences (BITS), Vizag

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NARASARAOPET
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
NEC-ICPSPE2K24

4th International Conference on Recent Trends in Power systems and Power Electronics

AGENDA

Date	TIME	Event
05-04-2024		Inauguration
	10.00AM	Program Starts
	10:00AM to 10:05AM	Welcome Address by Co-Convenor Mr. Abdul Kalam Shaik
	10:05AM to 10:10AM	Inaugural Address by Convernor & Head of EEE, Dr.P.Lakshmanan
	10:10AM to 10:15AM	Presidential Address by Principal Dr.D.Suneel
	10:15AM to 10:18AM	Introduction about Chief Guest Dr. Ch.Venkateswara Rao
	10:18AM to 10:23AM	Speech by Chief Guest Dr. Ch.Venkateswara Rao
	10:23AM to 10:25AM	Proceedings release by Principal Dr.D.Suneel
	10:25AM to 10:55AM	Keynote Speech by Chief Guest Dr.Ch.Venkateswara Rao Sr. Lecturer, UTAS, Salalah, Sultanate of Oman.
	10:55AM to 11:00AM	Vote of Thanks
	11:00AM to 11-15AM	Tea Break
		Conference Paper Presentations
	11:15AM to 11-20AM	Introduction about Session Chair
	11:20AM to 12-45PM	Presentations by Participants in 2 Pannels
	12-45PM to 1-30PM	Lunch Break
	1-30PM to 3-00PM	Presentations by Participants in 2 Pannels
	3-00PM to 3-15PM	Session Break
	3-15PM to 4-00PM	Presentations by Participants in 2 Pannels

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Attendance sheet

Day-2 (06.04.2024)

Keynote Speaker:
Dr.V.S.Sriraja Balaguru,
Assistant Executive Engineer / Electrical / IT, Tamil Nadu Electricity Board, Chennai

Panel-I External Chair:
Dr.A.Rama Koteswararao, Professor, EEE, RVR & JC Engineering College

Panel-II External Chair:
Dr. B. Jayababu, Professor, EEE, Vignan's LARA Institute of Technology, Guntutr Guntur Dist.

Total number of papers received: 56

Papers from internal: 26

Papers from External: 30

Participated Colleges

S.No.	Name of the College
1	Coimbatore Institute Of Technology
2	Sasi institute of technology and engineering
3	Sri Indu College of Engineering & Technology
4	Seshadri Rao Gudallavalleru Engg college
5	KKR & KSR institute of Technology and Sciences, Guntur, AP, India.
6	sri vahini institute of science and technology
7	R.V.R. & J.C.College of Engineering
8	B.S. Abdur Rahman Crescent Institute of Science & Technology, Chennai
9	Am Reddy Memorial College Of Engneering & Technology
10	Kllam Harnath Reddy Institute of Technology,Guntur
11	VR Siddhartha Engg College, vijayawada
12	Hyderabad Institute of Technology and Management Hyderabad, India
13	Sasi Institute of Technology & Engineering,Tadepalligudem
14	St Ann's College of Engineering and Technology, Chirala
15	Narasaraopeta Engineering College
16	NRI Institute of Technology

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Date	TIME	Event
06-04-2024	10:00AM to 10:05AM	Day-2 Information by Co-Convenor Mr. Abdul Kalam Shaik
	10:05AM to 10:10AM	Introduction about Chief Guest Dr.V.S.Sriraja Balaguru, Assistant Executive Engineer,TNEB,Chennai
	10:10AM to 10:45AM	Keynote speech by Speaker Dr.V.S.Sriraja Balaguru
	10:45AM to 11-00AM	Tea Break
	11:00AM to 11-05AM	Introduction about Session Chairs
	11:05AM to 12-50PM	Presentations by Participants in 2 Pannels
	12-50PM to 1-35PM	Lunch Break
	1-35PM to 3-00PM	Presentations by Participants in 2 Pannels
	3-00PM to 3-30PM	Validictory

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Program Report

NARASARAOPETA
ENGINEERING COLLEGE
(AUTONOMOUS)
Kotappakonda Road, Yellamanda (Post), Narasaraopet – 522601, Guntur District, A.P., India.
Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada, Code: 47,
Accredited by NBA & NAAC, ISO 9001 : 2015 Certified Institution
Phone : 08647-239905 Website:www.nrtec.in

Date: 06.04.24

PROGRAMME REPORT

Name of the Programme : Conference on Recent Trends in Power Systems and power Electronics(**NEC-ICPSPE-2K24)**

Dates : 5.04.24 and 6.04.24

Details of the Resource Persons :

1. Name : **Dr. Ch.Venkateswara Rao**
   Designation : Sr. Lecturer
   Organization : University of Technology and Applied Sciences Salalah, Sultanate of OMAN
   Phone No : 7782917623
   Mail.Id : venkat@ac.in

2. Name : **Dr. Ch.Rambabu**
   Designation : Professor
   Organization : Vasireddy Venkatadri Institute of Technology, Guntur, Guntur Dist.
   Phone No : 8485627176
   Mail.Id : ram@ac.in

Objective of the programme:

- . The NEC-ICPSPE-2K23 is conceived as a forum for presenting and Exchanging Ideas and Results of the best- in- class research and scientific results emerging in the field of Power Systems and Power Electronics.
- The sincere effort of the program committee members and organizing committee members coupled with indexing initiatives from conference advisory committee members have drawn a large number of high-quality submissions from students, research scholars, and faculty members all over India and abroad

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- The Conference brings together the delegates from around the world and from a range of institutions and organizations to exchange ideas and discuss the challenges in and its emerging technologies.

Topic Covered:

- Hard Switching and Soft Switching Power Converters
- Flexible AC Transmission Systems
- Smart Grid and Distributed Generation
- Power Quality Issues
- Power and Energy Engineering
- Electrical Vehicles
- Hybrid Power Systems
- Hybrid Power Systems
- Micro electro Mechanical systems
- Wind Energy Systems
- Intelligent Energy Distribution

Outcome of the programme:

- The conference will strengthen contacts and foster cooperation among power electronics-based science and application researchers, accelerator manufacturers, facility operators and the coordinators of academic programs in the accelerator sciences, leading to a comprehensive review of the status of power system-based research and applications.
- The conference is expected to generate ideas that will form the basis of future IAEA programs in the area of research and applications using power electronics technologies.

No. of participants:58

Photos with tag line

Coordinator

HOD

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Press Note &Coverage

NARASARAOPETA ENGINEERING COLLEGE
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Kotappakonda Road, Yellamanda (P.O), NARASARAOPET-522 601, Palnadu Dist., A.P.
(Sponsored by Gayatri Educational Development Society), Narasaraopet.
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Accredited by NBA (CSE, ECE, ME) & NAAC "A+" Grade, ISO 9001 : 2015 Certified Institution.
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6/4/24

NEC-ICPSPE-2K24 - రీసెంట్ ట్రెండ్స్ ఇన్ పవర్ సిస్టమ్స్ మరియు పవర్ ఎలక్ట్రానిక్స్ కాన్ఫరెన్స్ - ముగింపు కార్యక్రమం

స్థానిక నరసరావుపేట ఇంజనీరింగ్ కళాశాలలో ఇ.ఇ.ఇ డిపార్ట్‌మెంట్ వారు నిర్వహించిన 4 వ ఇంటర్నేషనల్ తర్డ్ టెక్నికల్ కాన్ఫరెన్స్ ముగింపు కార్యక్రమం ది 6-4-24 న జరిగింది. కాన్ఫరెన్స్ పేరు "NEC-ICPSPE-2K24 - రీసెంట్ ట్రెండ్స్ ఇన్ పవర్ సిస్టమ్స్ మరియు పవర్ ఎలక్ట్రానిక్స్" ఈ కాన్ఫరెన్స్ కు వివిధ రాష్ట్రాల నుండి వివిధ కళాశాల అధ్యాపకులు, విద్యార్థులు పాల్గొనారు. ఈ కాన్ఫరెన్స్ ముగింపు కార్యక్రమం కు ముఖ్య అతిథిగా కళాశాల ఛైర్మన్ శ్రీ మీట్టపల్లి. వెంకట కోటేశ్వరరావు గారు పాల్గొనారు.

ఈ కాన్ఫరెన్స్ ముఖ్య ఉపన్యాసకులు గా ప్రముఖ అధ్యాపకులు డా॥ సి.వి.బి వెంకటేశ్వరరావు గారు, యూనివర్సిటీ ఆఫ్ టెక్నాలజీ & అప్లైడ్ సెన్సెస్, సలలాయ, సుల్తానేట్ ఆఫ్ ఒమన్. డా॥ రావు గారు తమ సందేశంలో పవర్ సిస్టమ్స్ మరియు పవర్ ఎలక్ట్రానిక్స్ ప్రతి ఇంజనీరింగ్ విభాగంకు అనుసంధానము చేస్తున్నారు. దీని వలన భవిష్యత్తులో అనేక ఇంజనీరింగ్ సమస్యలను అధిగమించవచ్చు అని తెలియచేశారు.

ఈ సందర్భంగా కళాశాల ప్రిన్సిపాల్ డా॥ యమ్ శ్రీనివాసకుమార్ గారు మాట్లాడుతూ కాన్ఫరెన్స్ వలన అధ్యాపకులు తమ విజ్ఞానంను మరులలో పంచుకోవడం చాలా శుభ పరిణామం అని, కాన్ఫరెన్స్ చాలా చక్కగా నిర్వహించినారు అని, ప్రతి అధ్యాపకులను ప్రశంసించారు.

ఈ సందర్భంగా కళాశాల ట్రెజర్ ప్రిన్సిపాల్ డా॥ డి.సునీల్ గారు మాట్లాడుతూ ఈ కాన్ఫరెన్స్ వలన భవిష్యత్తులో విద్యార్థులలో పోటీ తత్వం మరియు కొత్త ఆలోచన విధానాలను రూపొందించులాడు.

ఈ సందర్భంగా కాన్ఫరెన్స్ కన్వీనర్ మరియు ఇ.ఇ.ఇ విభాగాధిపతి డా॥ కె.లక్ష్మణ్ గారు మాట్లాడుతూ, కాన్ఫరెన్స్ కు వివిధ కళాశాల నుంచి 89 పరిశోధన పత్రాలు వచ్చాయి అని, వాటి అందులో 72 పరిశోధన పత్రాలు ప్రదర్శించినారు అని తెలియచేశారు.

ఈ సందర్భంగా కళాశాల ఛైర్మన్ గారు మాట్లాడుతూ, విజ్ఞానం వలన విద్యార్థులు, అధ్యాపకులు ఉన్నత శిఖరాలను అధిరోహించడం ఎక్కేఓడుల్లు చేస్తుంది అని తెలియచేశారు. ఈ కార్యక్రమంలో పాల్గొన్న ప్రతి విద్యార్థిని, అధ్యాపకులను అభినందించారు. కన్వీనర్ డా॥ కె.లక్ష్మణ్‌ను, కో-కన్వీనర్ షేక్. అబ్దుల్ కలామ్ గారిని అభినందించారు.

ఈ ముగింపు కార్యక్రమంలో కళాశాల వివిధ విభాగాల అధిపతులు, అధ్యాపకులు మరియు ఇ.ఇ.ఇ విభాగం అధ్యాపకులు మరియు నాన్-టీచింగ్ సిబ్బంది పాల్గొనారు.

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షేక్. కరీముల్లా
8074396698

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Photos

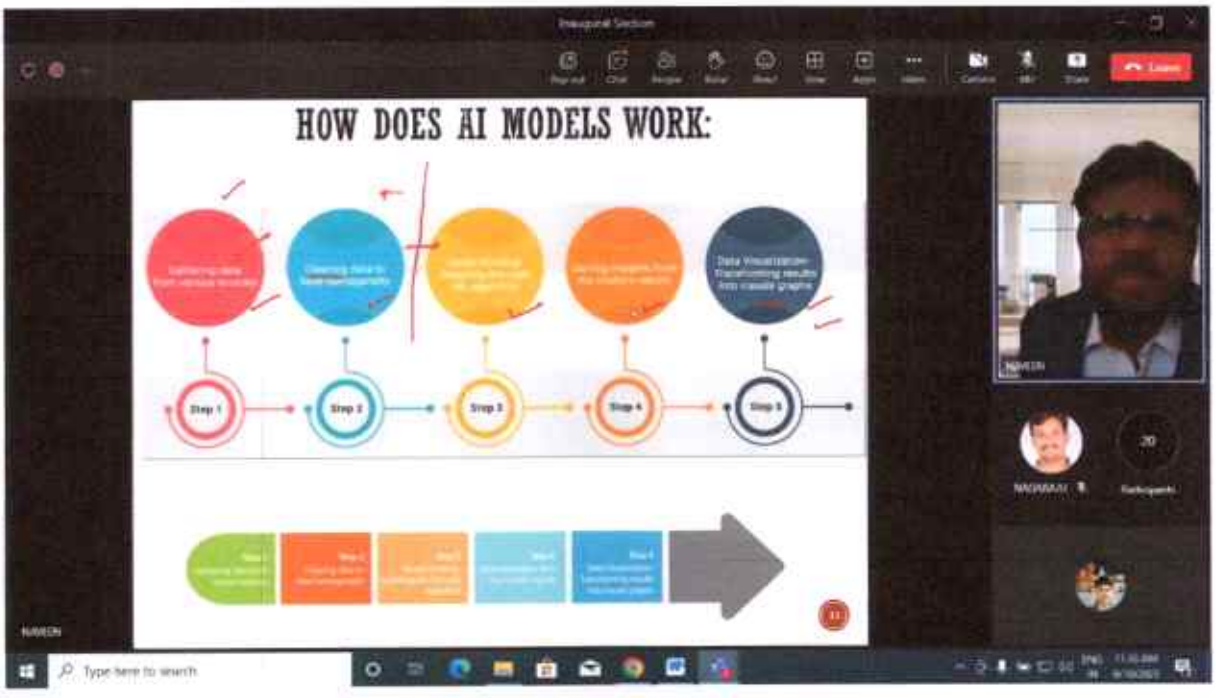




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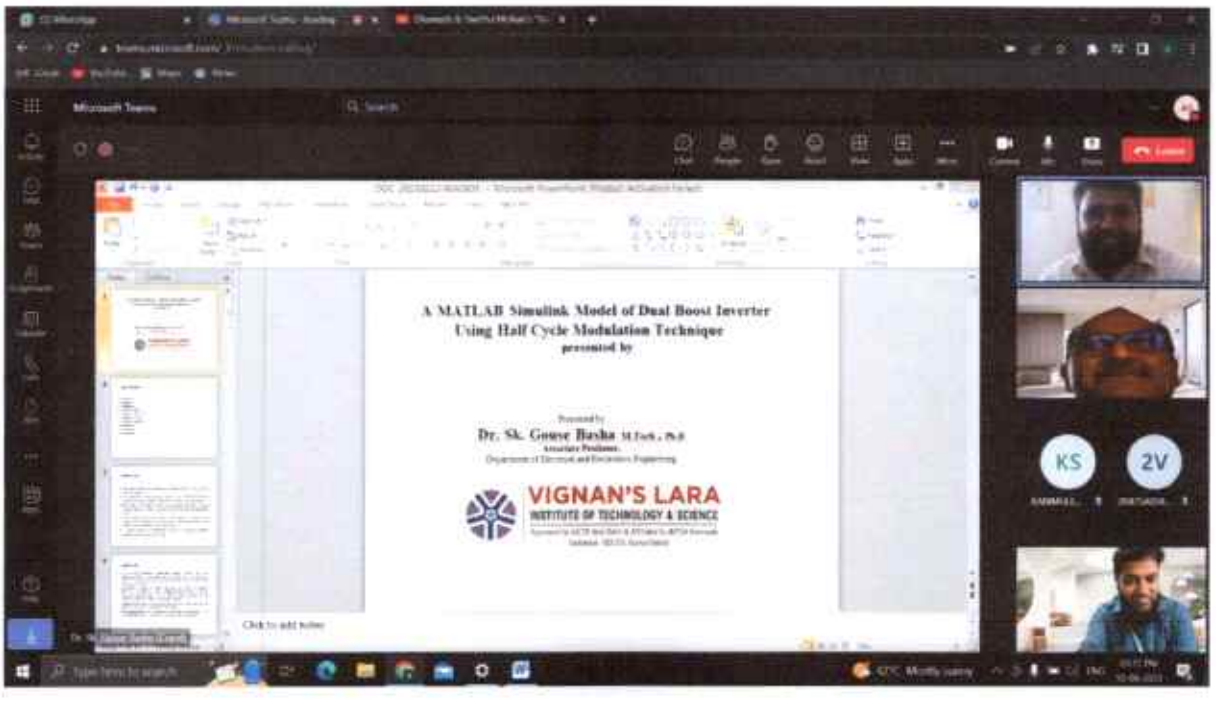




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Sample Certificates

ICPSPE2K24

NEC NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

4th INTERNATIONAL VIRTUAL CONFERENCE ON
RECENT TRENDS IN POWER SYSTEMS AND POWER ELECTRONICS
NEC-ICPSPE-2K24

CERTIFICATE OF EXCELLENCE

This is to certify that Dr. Venkateswara Rao Chinnapuvvula of University of Tehcnology and Applied Sciences, Slalah, Sultanate of Oman has acted as a Keynote Speaker for 4th International Conference on Recent Trends in Power Systems and Power Electronics (NEC-ICPSPE-2k24) organised by Department of Electrical and Electronics Engineering, Narasaraopeta Engineering College (Autonomous) on 5th April, 2024.

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Co-Convenor
Mr. Abdul Kalam Shaik

Convenor
Dr. P. Lakshmanan

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Principal, Patron
Dr. M. Sreenivasa Kumar

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NEC NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

4th INTERNATIONAL VIRTUAL CONFERENCE ON
RECENT TRENDS IN POWER SYSTEMS AND POWER ELECTRONICS
NEC-ICPSPE-2K24

CERTIFICATE OF EXCELLENCE

This is to certify that Dr. V.S.Sriraja Balaguru of Assistant Executive Engineer, TANGEDCO has acted as a Keynote Speaker for 4th International Conference on Recent Trends in Power Systems and Power Electronics (NEC-ICPSPE-2k24) organised by Department of Electrical and Electronics Engineering, Narasaraopeta Engineering College (Autonomous) on 6th April, 2024.

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4th INTERNATIONAL VIRTUAL CONFERENCE ON
RECENT TRENDS IN POWER SYSTEMS AND POWER ELECTRONICS
NEC-ICPSPE-2K24

CERTIFICATE OF EXCELLENCE

This is to certify that Dr. T. Narasimhulu of Baba Institute of Technology and Sciences (BITS), Vizag has acted as a Session Chair for 4th International Conference on Recent Trends in Power Systems and Power Electronics (NEC-ICPSPE-2k24) organised by Department of Electrical and Electronics Engineering, Narasaraopeta Engineering College (Autonomous) on 5th April, 2024.

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CERTIFICATE OF EXCELLENCE

This is to certify that Dr. Ch. Rambabu of Vasireddy Venkatadri Institute of Technology (VVIT), Guntur has acted as a Session Chair for 4th International Conference on Recent Trends in Power Systems and Power Electronics (NEC-ICPSPE-2k24) organised by Department of Electrical and Electronics Engineering, Narasaraopeta Engineering College (Autonomous) on 5th April, 2024.

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NEC-ICPSPE-2K24

CERTIFICATE OF EXCELLENCE

This is to certify that Dr. B.Jayababu of Vignan's LARA Institute of Technology, Guntur has acted as a Session Chair for 4th International Conference on Recent Trends in Power Systems and Power Electronics (NEC-ICPSPE-2k24) organised by Department of Electrical and Electronics Engineering, Narasaraopeta Engineering College (Autonomous) on 6th April, 2024.

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NARASARAOPETA
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(AUTONOMOUS)

One week Faculty Development Program on "NSQF Skill Development"

NEC

NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)

Circular

NARASARAOPETA ENGINEERING COLLEGE, NARASARAOPET
(Approved by AICTE, Affiliated to JNTUK, Kakinada, Accredited by NBA, ISO 9001:2008 Certified Institution)
Kotappakonda Road, Yellamanda (Post), Narasaraopet – 522601,Guntur District, Andra Pradesh, INDIA
Phone No: 08647 – 239913, 9908740746, Fax No. : 08647-239902
E – mail: nrtec_eee@yahoo.com, & hod.eee@nrtenggcollege.com Website: http://www.nrtenggcollege.com
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Date: 10.02.2024

Circular

A Faculty Development program Conduct from 19.02.2024 to 23-02-2024 by a resource person **Prof. Rajesh Mehra, NITTTR, Chandigarh** on" NSQF Skill development" Department AC Seminar hall Block-III. All the Faculty members are informed to attend without fail.

IQAC Coordinator HOD Principal

Copy to

1. Chairman, for favour of information
2. Principal
3. AO, for necessary arrangements
4. Department notice board
5. Circulation to all the Staff Members.

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(AUTONOMOUS)

Kotappakonda Road, Yallamanda (P.O), NARASARAOPET-522 601, Guntur Dist. A.P.

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A 5-DAY SHORT TERM COURSE ON "NSQF ALIGNED SKILL DEVELOPMENT" *IN* ASSOCIATION WITH NITTTR-CHANDIGARH

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Dr. P.Lakshmanan
Professor & Head, Dept. of EEE

Coordinator

P.D.V.S.K.Kishore
Associate Professor, Dept. of EEE

Resource Persons

Prof. Rajesh Mehra, NITTTR, Chandigarh.

Prof. MA Chisti, NIT. Srinagar.

Prof. Meenakshi Sood, NITTTR, Chandigarh

Er. Vipin Gupta,
U – Net Solutions, Moga Punjab

Er. Ajay Kumar Godara,
Ennovate Technologies, Chandigarh.

Prof. S K Gupta, NITTTR, Chandigarh.

Prof. P K Singla, NITTTR, Chandigarh

Er. Gaurav Kumar,
Magma Research and Consultancy Services, Ambala, Haryana

INVITATION

Date: 08-02-2024.

Sub: - "A 5-day Short Term Course on NSQF Aligned Skill Development" - Reg.

Dear Sir/Madam,

We are glad to inform you that the department of Electrical and Electronics Engineering is organizing a "A Short Term Course on NSQF Aligned Skill Development" from 19th Feb 2024 to 23rd Feb 2024in association with NITTTR – Chandigarh.

We are enclosing a copy of brochure with full details and request you to display it on your notice boards and distributed to your faculty members.

This training programme is specially designed for Engineering College Teachers and it mainly deals with various aspects on NSQF Aligned Skill Development

The course aims to achieve the following objectives:

Allowing the development of a set of qualifications for every level which are accepted all over the nation.

To make the teachers conversant with relevant practices in on NSQF Aligned Skill Development.

Enhancing and supporting the international and national mobility of people with qualifications that are compliant with NSQF through enhanced recognition of the value and comparability of Indian qualifications.

This Course mainly deals with various conceptual aspects of NSQF Aligned Skill Development

The main contents of this course is

- NSQF concepts, Automation skills
- FOSS overview, FOSS Automation skills,
- Fire wall skills, IOT skills
- Networking for industries, IOT applications
- AI skills, Data science analytic skills

With Regards,

Convener
Dr. P.Lakshmanan
Professor & Head,
Dept. of EEE

Coordinator
P.D.V.S.K.Kishore
Associate Professor,

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Brochure

A 5-day Short Term Course on

"NSQF ALIGNED SKILL DEVELOPMENT"

On

19th Feb 2024 to 23rd Feb 2024

REGISTRATION FORM

Name: _____

Designation: _____

Mobile No.: _____

College Name: _____

E-Mail: _____

Experience: _____

Area of Research: _____

Accommodation required: Yes/No

DECLARATION

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the short-term course.

Signature of the Applicant

Date :

Place :

Note: Send Registration forms to
eeehod@nrtec.ac.in
Any quires contact: 08647-239913

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ABOUT THE COLLEGE

The Narasaraopeta Engineering College was established in the year 1998 by Gayatri Educational Development Society, Narasaraopet, under the leadership of Sri M.V.Koteswara Rao, who has a vision of developing this college as an autonomous institution of higher learning & knowledge in the heart of Palnadu region. The college is approved by AICTE, permanently affiliated to JNTUK Kakinada, Accredited 'A' Grade by NAAC, Accredited thrice by NBA and ISO 9001: 2008 certified. The college has three recognized R&D centers by JNTUK. NEC is conferred as 'AUTONOMOUS' in the year 2016. The college has launched Incubation Centre where the students can implement their ideas. The college has an MOU with Oracle University (USA). NEC has MOUs with various Foreign Universities. The college offers seven M.Tech Programmes, two PG courses of MCA, MBA and five courses at B.Tech level in the branches EEE, CSE, ECE, ME and CIVIL. The college has well equipped laboratories including 1000 computers with a bandwidth of 100 MBPS internet. Microsoft Innovation Centre was established in the college through which more than 200 Mobile Apps, 50 Cloud Apps and 100 Windows Apps are uploaded every year.

The college has established venture development Centre (VDC) in association with in association with i2E north-eastern university USA and APSSDC. Also the college has Indo-European skilling Centre for mechatronics and industrial robotics in collaboration with APSSDC and ARC (Applied Robot Control), Germany.



A 5-day Short Term Course on

"NSQF ALIGNED SKILL DEVELOPMENT"

On

19th Feb 2024 to 23rd Feb 2024

In Association
with
NITTTR-Chandigarh

Organized
by

Department of Electrical and Electronics Engineering

NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS)

Kotappakonda Road, Yellamanda (P.O)
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NARASARAOPET - 522 601.
Guntur (Dist.), A.P.

ABOUT THE DEPARTMENT

The Department of EEE started in the year 1998, EEE department offers an AICTE-approved four-year undergraduate programme (B.Tech) in Electrical & Electronics Engineering. The JNTU-Kakinada-affiliated department is twice accredited by the NBA, in 2009 & 2013, and is certified by the ISO. EEE course offers expertise in electrical machines, power electronics, generation, transmission and distribution of power, power system operation and its control using computer methods such as artificial neural networks, Fuzzy Logic, micro-controllers and more. The department conducts research programs, seminars, and workshops to widen the knowledge base of students and faculty members. By the end of the four years, our students are equipped to become professionals, scholars, academicians, researchers, and entrepreneurs right from the inception of the college, boasts of well experienced and technically excellent faculty members. The department imparts knowledge and skills to inculcate the professional responsibilities, leadership qualities to succeed in diverse career, capability to utilize engineering skills in industry. The department faculty encourages the students to implement innovative ideas in their project works, to develop industry readiness and R&D.

OBJECTIVE OF COURSE

The course aims to achieve the following objectives:

Allowing the development of a set of qualifications for every level which are accepted all over the nation.To make the teachers conversant with relevant practices in on NSQF Aligned Skill Development. Enhancing and supporting the international and national mobility of people with qualifications that are compliant with NSQF through enhanced recognition of the value and comparability of Indian qualifications.

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Sri M.Ramesh Babu
Secretary, NEC Group

Patron

Dr. M.Sreenivasa Kumar, M.Tech.,Ph.D.(U.K.),MISTE.,FIE(I)
Principal,

Convener

Dr. P.Lakshmanan
Professor & Head, Dept. of EEE

Coordinator

Mr.P.D.V.S.K.Kishore
Associate Professor, Dept. of EEE

Organizing Committee

Dr.Sk.Md.Shareef	Associate Professor
G.Naga Raju	Associate Professor
M.Chandra Sekhar	Associate Professor
Sk.Karimulla	Assistant Professor
G.Naveen	Assistant Professor
P.Bravarambavathi	Assistant Professor
P.Ragavarani	Assistant Professor

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Schedule

STC on NSQF Aligned Skill Development
(19-23 February 2024)
Coordinator: Prof. (Dr.) Rajesh Mehra

	10:00 - 11:30	11:30 to 13:00		14:30 to 16:00
Day 1	Inauguration & Interaction (RM)	NSQF - Concept (RM)		Automation Skills - Overview (RM)
Day 2	FOSS Overview (MAC)	FOSS for Automation Skills (RM)		Virtual Lab for Skill Development (MS)
Day 3	Firewall Skills (VG)	Intrusion Detection System Skills (VG)	BREAK	IoT Skills (AKG)
Day 4	Networking with Industries (SKG)	IoT Applications (AKG)		Placement Skills (PKS)
Day 5	AI Skills (GK)	Data Science Analytics Skills (GK)		Feedback & Valediction (RM)

RM: Prof. Rajesh Mehra, NITTTR, Chandigarh.
MAC: Prof. MA Chisti, NIT. Srinagar.
MS: Prof. Meenakshi Sood, NITTTR, Chandigarh.
VG: Er. Vipin Gupta, U – Net Solutions, Moga Punjab
AKG: Er. Ajay Kumar Godara, Ennovate Technologies, Chandigarh.
SKG: Prof. S K Gupta, NITTTR, Chandigarh.
PKS: Prof. P K Singla, NITTTR, Chandigarh.
GK: Er. Gaurav Kumar, Magma Research and Consultancy Services, Ambala, Haryana

Dr. Rajesh Mehra
Course Coordinator & Head
Curriculum Development Center

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Attendance sheet

Attendance Sheet for ICT based Programme on A Short term Course on "NSQF Aligned Skill Development" from 19-02-2024 to 23-02-2024
conducted by NITTTR, Chandigarh
Organised by NARASARAOPETA ENGINEERING COLLEGE (Autonomous)

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					F.N.	A.N.	F.N.	A.N.	F.N.	A.N.	F.N.	A.N.	F.N.	A.N.
1	P.LAKSHMANAN	NARASARAOPETA ENGINEERING COLLEGE, GUNTUR, A.P 9494990832	PROFESSOR	LAKCHANDP@GMAIL.COM										
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3	D V S K KISHORE PODILA	NARASARAOPETA ENGINEERING COLLEGE, GUNTUR, A.P 9440742214	ASSOCIATE PROFESSOR	pdvskkishore@gmail.com										
4	GALLA NAGARAJU	NARASARAOPETA ENGINEERING COLLEGE, GUNTUR, A.P 9908564424	ASSISTANT PROFESSOR	triny3242@gmail.com										
5	MADAKA CHANDRA SEKHAR	NARASARAOPETA ENGINEERING COLLEGE, GUNTUR, A.P 9493927301	ASSISTANT PROFESSOR	chandrasekhar.eee@gmail.com										
6	SHAIK KARIMULLA	NARASARAOPETA ENGINEERING COLLEGE, GUNTUR, A.P 9030568971	ASSISTANT PROFESSOR	krm.shaik@gmail.com								AB		
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8	SINGAREDDY SARITHA	NARASARAOPETA ENGINEERING COLLEGE, GUNTUR, A.P 9581744056	ASSISTANT PROFESSOR	sarithavyshnavi@gmail.com										
9	ABDUL KALAM SHAIK	NARASARAOPETA ENGINEERING COLLEGE, GUNTUR, A.P 8143414849	ASSOCIATE PROFESSOR	skabdulkalam079@gmail.com										
10	PANCHADA NAGANJANEYULU	NARASARAOPETA ENGINEERING COLLEGE, GUNTUR, A.P 9177751817	ASSISTANT PROFESSOR	pnnec22@gmail.com										
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					F.N.	A.N.	F.N.	A.N.	F.N.	A.N.	F.N.	A.N.	F.N.	A.N.
12	PUTLURI BRAMARAMBA VATHI	NARASARAOPETA ENGINEERING COLLEGE, GUNTUR, A.P 8497975545	ASSISTANT PROFESSOR	bramara206eee@gmail.com										
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16	B N V UDAYA LAKSHMI	NARASARAOPETA ENGINEERING COLLEGE, GUNTUR, A.P 9502387955	ASSISTANT PROFESSOR	udayalakshmi2k6@gmail.com										
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					F.N.	A.N.	F.N.	A.N.	F.N.	A.N.	F.N.	A.N.	F.N.	A.N.
22	DR. DHARMAIAH GURRAM	NARASARAOPETA ENGINEERING COLLEGE, GUNTUR, A.P 9100265109	ASSOCIATE PROFESSOR	raodg42@gmail.com	GD	GD	GD	GD	AB	GD	GD	GD	GD	GD
23	DR. G. V. PRASANNA ANJANEYULU	RVRJC COLLEGE OF ENGINEERING, GUNTUR, A.P 9533248402	ASSOC. PROF	gvp.tec@gmail.com	GVPA	GVPA	GVPA	GVPA	GVPA	GVPA	GVPA	GVPA	GVPA	GVPA
24	DR. RAVI BABU NARAHARI	NARASARAOPETA ENGINEERING COLLEGE, GUNTUR, A.P 8121072251	ASSISTANT PROFESSOR	ravibabu.nec@gmail.com										
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26	DR.R.MOHANA RAMANA	NARASARAOPETA ENGINEERING COLLEGE, GUNTUR, A.P 9492075546	ASSOCIATE PROFESSOR	mohanaramanacrypto@gmail.com	Ram	Ram	Ram	Ram	Ram	Ram	Ram	Ram	Ram	Ram
27	GUNDALA NAGESWARA RAO	NARASARAOPETA ENGINEERING COLLEGE, GUNTUR, A.P 9299356857	ASSISTANT PROFESSOR	nagigundala@gmail.com	GN	GN	GN	GN	GN	GN	GN	GN	GN	GN
28	JAIPAL REDDY YERUVA	NARASARAOPETA ENGINEERING COLLEGE, GUNTUR, A.P 9959965468	ASSOCIATE PROFESSOR	y.jaipalreddy@gmail.com										
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					F.N.	A.N.	F.N.	A.N.	F.N.	A.N.	F.N.	A.N.	F.N.	A.N.
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33	MODADUGU SAI YASWANTH	NARASARAOPETA ENGINEERING COLLEGE, GUNTUR, A.P 9030213285	ASSISTANT PROFESSOR	yaswanthsai225@gmail.com	Yas	Yas	AB	Yas	Yas	Yas	Yas	Yas	Yas	Yas
34	PARAMATHMUNI MALLIKA	NARASARAOPETA ENGINEERING COLLEGE, GUNTUR, A.P 8639133316	ASSISTANT PROFESSOR	801malli123@Gmail.com	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
35	PATIBANDLA VINUTHNA	NARASARAOPETA ENGINEERING COLLEGE, GUNTUR, A.P 7416383457	ASSISTANT PROFESSOR	vinuthna28033@gmail.com	Vi	Vi	Vi	Vi	Vi	Vi	Vi	Vi	Vi	Vi
36	PURNA CHANDRA RAO PODILA	SASI INSTITUTE OF TECHNOLOGY & ENGINEERING, TADIPALLIGUDAM, A.P 9866257105	ASSOCIATE PROFESSOR	chandu.podila@gmail.com	P	P	P	P	P	P	P	P	P	P
37	PUTTAMRAJU SRINIVASARAO	NARASARAOPETA ENGINEERING COLLEGE, GUNTUR, A.P 9951147494	ASSISTANT PROFESSOR	srinivasnrtec@gmail.com	PSR	AB	PSR	PSR	PSR	PSR	PSR	PSR	PSR	PSR
38	RAMA KRISHNA BONI	SESHADRIRAO GUDLAVALLERU ENGINEERING COLLEGE, GUDLAVALLERU, A.P 9494941916	ASSISTANT PROFESSOR	rkboni143@gmail.com	RK	RK	RK	RK	RK	RK	RK	RK	RK	RK
39	SANDHYA GUDISE	VIGNANS NIRULASTITUTEOF THECHNOLOGY AND SCIENCE FOR WOMEN, GUNTUR, A.P 6300956881	ASSOCIATE PROFESSOR & HOD	sandhyag406@gmail.com	Sandy	Sandy	Sandy	Sandy	Sandy	Sandy	Sandy	Sandy	Sandy	Sandy
40	SHAIK BAJIDVALI	NARASARAOPETA ENGINEERING COLLEGE, GUNTUR, A.P 8639294551	ASSOCIATE PROFESSOR	bajid.vali@gmail.com							AB			
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					F.N.	A.N.	F.N.	A.N.	F.N.	A.N.	F.N.	A.N.	F.N.	A.N.
42	SHAIK RASULULLA	VASI REDDY VENKATADARI INSTITUTE OF TECHNOLOGY, GUNTUR, A.P 9346780325	ASSOCIATE PROFESSOR	vvit.gn.eee@gmail.com	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
43	SK.MDJANY	NARASARAOPETA ENGINEERING COLLEGE, GUNTUR, A.P 8919448598	ASSISTANT PROFESSOR	mohammedjanimtech@gmail.com	Jany	Jany	Jany	Jany	Jany	Jany	Jany	Jany	Jany	Jany
44	SUNEEL D	NARASARAOPETA ENGINEERING COLLEGE, GUNTUR, A.P 9966262524	ASSISTANT PROFESSOR	sunny.dsl@gmail.com	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
45	SUNEETHA BOBBILLAPATI	NARASARAOPETA ENGINEERING COLLEGE, GUNTUR, A.P 9247513429	ASSISTANT PROFESSOR	krishna.kcsc@gmail.com										
46	TINDIRA	NARASARAOPETA ENGINEERING COLLEGE, GUNTUR, A.P 9959436742	ASSISTANT PROFESSOR	Indiranec03@gmail.com	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
47	TINNAVALLI VENKATA MANOHAR	NARASARAOPETA ENGINEERING COLLEGE, GUNTUR, A.P 9849142526	ASSISTANT PROFESSOR	manucse1850@gmail.com	TVM	TVM	TVM	TVM	TVM	TVM	TVM	TVM	TVM	TVM
48	VEERAVALLI VENKATA RAO	NARASARAOPETA ENGINEERING COLLEGE, GUNTUR, A.P 9441127485	PROFESSOR	ecehod@nrtec.in										
49	VENKANNABABU MENDI	NARASARAOPETA ENGINEERING COLLEGE, GUNTUR, A.P 9985808908	ASSOCIATE PROFESSOR	venkannababu.mendi@gmail.com	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu
50	VENUBABU PASAM	KALLAM HARANADHA REDDY INSTITUTE OF TECHNOLOGY, GUNTUR, A.P 9885571666	ASSISTANT PROFESSOR	Venubabu.pasam@gmail.com	Venu	Venu	Venu	Venu	Venu	Venu	Venu	Venu	Venu	Venu.
51	YOGACHANDANA NARISETI	NARASARAOPETA ENGINEERING COLLEGE, GUNTUR, A.P 6302350091	ASSISTANT PROFESSOR	yogachandana7@gmail.com	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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Program Report

NARASARAOPETA
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Accredited by NBA & NAAC, ISO 9001 : 2015 Certified Institution
Phone : 08647-239905 Website:www.nrtec.in

Date: 23.02.24

PROGRAMME REPORT

Name of the Programme : A Five Day Faculty Development Programme on "NSQF Skill Development"

Dates : 19 thFeb 2024 to 23rd Feb2024

Details of the Resource Persons :

1. Name : Prof. Rajesh Mehra, NITTTR, Chandigarh
   Designation : Professor
   Organization : NITTTR, Chandigarh
   Phone No : 9059789952
   Mail.Id : Mehra @nittr.com

2. Name : Prof. Meenakshi Sood
   Designation : Professor
   Organization : NITTTR, Chandigarh
   Phone No : 9492258640
   Mail.Id : Meenaksh@ac.in

Objective of the programme:

This training programme is specially designed for Engineering College Teachers and it mainly deals with various aspects on NSQF Aligned Skill Development

- Allowing the development of a set of qualifications for every level which are accepted all over the nation.
- To make the teachers conversant with relevant practices in on NSQF Aligned Skill Development.
- Enhancing and supporting the international and national mobility of people with qualifications that are compliant with NSQF through enhanced recognition of the value and comparability of Indian qualifications.

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Topic Covered:

- NSQF concepts, Automation skills
- FOSS overview, FOSS Automation skills,
- Fire wall skills, IOT skills
- Networking for industries, IOT applications
- AI skills, Data science analytic skills

Outcome of the programme:

- Mobility between vocational and general education by alignment of degrees with NSQF
- Recognition of Prior Learning (RPL), allowing transition from non-formal to organized job market
- Standardized, consistent, nationally acceptable outcomes of training across the country through a national quality assurance framework
- Global mobility of skilled workforce from India, through international equivalence of NSQF
- Mapping of progression pathways within sectors and cross-sectors
- Mapping of progression pathways within sectors and cross-sectors

No. of participants:51

Photos with tag line

Coordinator

HOD

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ఎన్ ఐ సి, ఇ.ఇ.ఇ. విభాగంలో షార్ట్ టర్మ్ కోర్సు

స్థానిక నరసరావుపేట ఇంజనీరింగ్ కళాశాలలో ఎన్ ఐ టి టి టి ఆర్-చండీఘర్, ఇ.ఇ.ఇ. విభాగం ఆధ్వర్యంలో వారం రోజుల పాటు నిర్వహించదలచిన షార్ట్ టర్మ్ కోర్సు ఆన్ "[illegible]" ఫిబ్రవరి 19 వ తేదీన ప్రారంభమైనది. ఈ షార్ట్ టర్మ్ కోర్సులో పవర్ ట్రాన్స్మిషన్ కేపబిలిటిని పెరగుపరచడానికి వివిధ రకాలైన ఫాక్ట్స్ ఉపకరణాలు ఎలా ఉపయోగపడుతాయో వివరించడం జరుగుతుంది. అదేవిధంగా [illegible] వేగవంతమైన [illegible] కనెక్ట్ చేయడం, ఫ్రీక్వెన్సీ [illegible] సెక్యూరిటి ఫర్ స్మార్ట్ గ్రిడ్ మొదలగు విషయాల వివరించడం జరుగుతుంది. ఈ షార్ట్ టర్మ్ కోర్సుకు ముఖ్య వక్తలుగా డాక్టర్. అని మాథ్యూ, డాక్టర్. పూనమ్ శ్యాల్, డాక్టర్. రిచులా థాకుర్, డాక్టర్. షిమ్లి. ఎన్ ఐ టి టి టి ఆర్. ఇ.ఇ.ఇ. విభాగ సిబ్బంది పాల్గొనుచున్నారు. ఈ కార్యక్రమంనకు కళాశాల ప్రిన్సిపాల్ శ్రీ మిట్టపల్లి. చక్రవర్తి గారు, సెక్రటరీ శ్రీ యం. రమేష్ బాబు గారు, కళాశాల ట్రెన్సిపాల్ డాక్టర్. యం. శ్రీనివాసకుమార్ గారు, ఇ.ఇ.ఇ. విభాగ అధిపతి మరియు ఉపాధ్యాయ సిబ్బంది పాల్గొన్నారు.

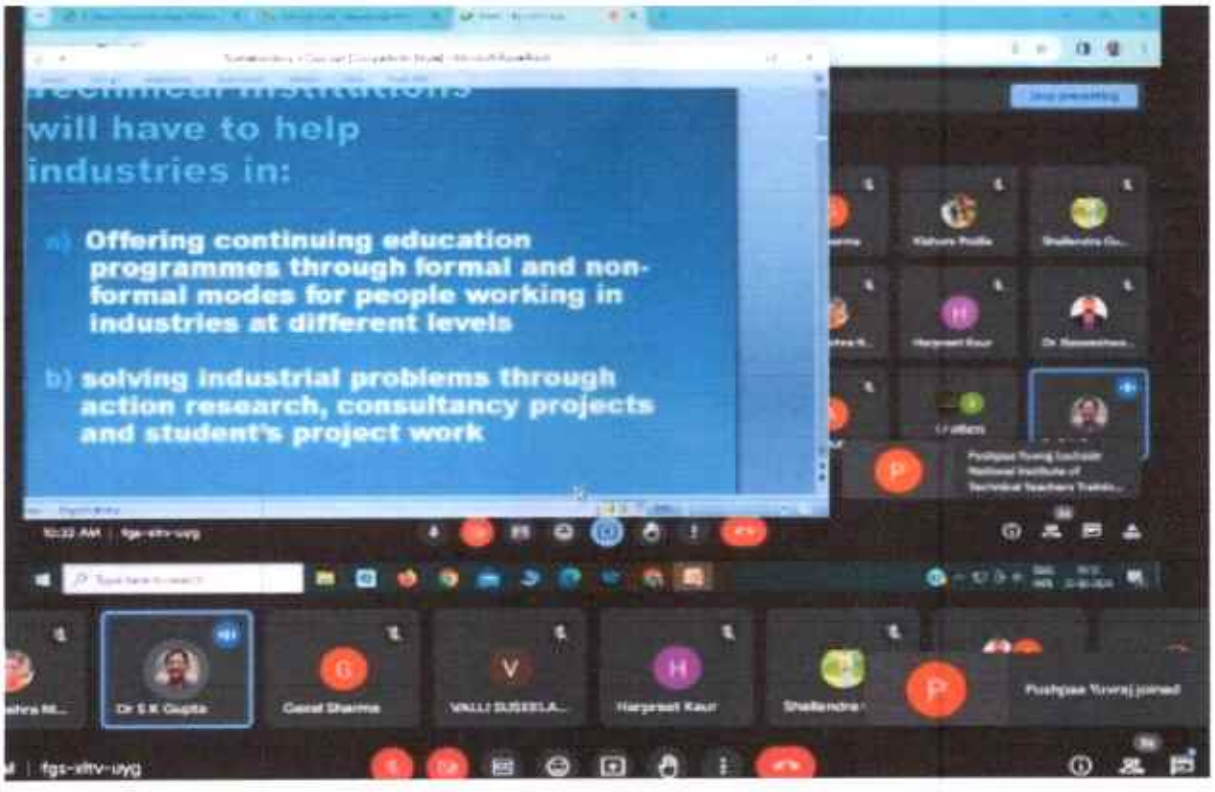
(Sk. MD. SHAREEF)
[illegible]45
Electrical & Electronics Engg. Dept.
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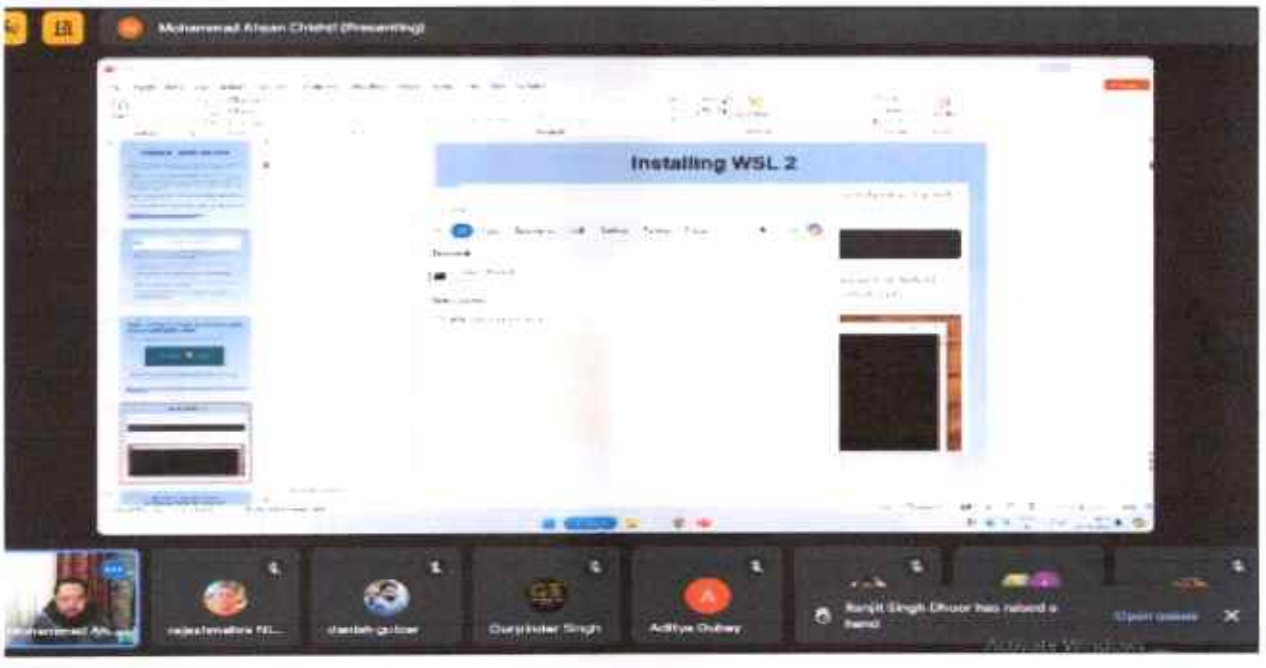
Photos



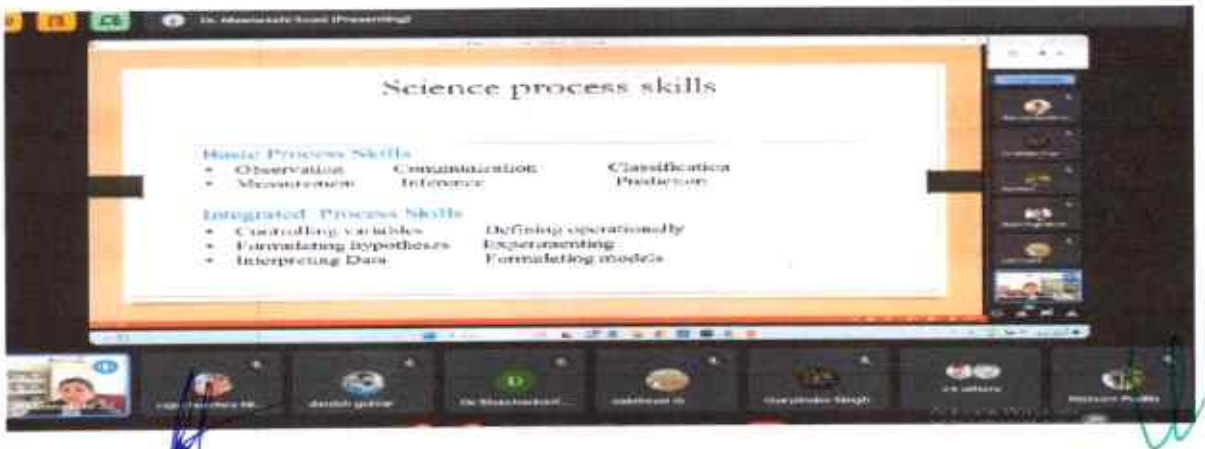


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Sample Certificates

Certificate No: ICT-24091/24

National Institute of Technical Teachers Training and Research Chandigarh

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA

Certificate



This is to certify that

ANJANEYULU ATKURI

SASI INSTITUTE OF TECHNOLOGY AND ENGINEERING,
TADEPALLIGUDEM
ANDHRA PRADESH

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Conducted by

Curriculum Development Centre Department

from

19/02/2024 to 23/02/2024 (One Week)

at

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CHANDIGARH

Coordinator

Director

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Certificate No: ICT-24053/24

National Institute of Technical Teachers Training and Research Chandigarh

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA

Certificate

This is to certify that

SINGAREDDY SARITHA

NARASARAOPETA ENGINEERING COLLEGE, NARASARAOPET ANDHRA PRADESH

Participated in the AICTE Recognized Faculty Development Programme

on

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Curriculum Development Centre Department

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at

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Certificate No: ICT-24090/24

National Institute of Technical Teachers Training and Research Chandigarh

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA

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B N V UDAYA LAKSHMI

NARASARAOPETA ENGINEERING COLLEGE, NARASARAOPET ANDHRA PRADESH

Participated in the AICTE Recognized Faculty Development Programme

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Certificate No: ICT-24088/24

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PACE INSTITUTE OF TECHNOLOGY AND SCUENCES, ONGILE ANDHRA PRADESH

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NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

4th INTERNATIONAL VIRTUAL CONFERENCE ON
RECENT TRENDS IN POWER SYSTEMS AND POWER ELECTRONICS
NEC-ICPSPE-2K24

CERTIFICATE OF EXCELLENCE

This is to certify that Dr. A. Ramakoteswara Rao of RVR & JC College of Engineering has acted as a Session Chair for 4th International Conference on Recent Trends in Power Systems and Power Electronics (NEC-ICPSPE-2k24) organised by Department of Electrical and Electronics Engineering, Narasaraopeta Engineering College (Autonomous) on 6th April, 2024.

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Co-Convenor
Mr. Abdul Kalam Shaik

Convenor
Dr. P. Lakshmanan

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NARASARAOPET - 522 601
Palnadu (Dist.), A.P.

Principal
Dr. M. Sreenivasa Kumar

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One week Faculty Development Program on "Culture of Innovative on AWS"

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Circular

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(AUTONOMOUS)

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Phone No. : 08647-239904, Fax No. : 08647-239902
E-mail: principal@nrtec.in Website: http://www.nrtec.in

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 10-02-2024

CIRCULAR

All the Teaching staff members are here by informed that the Department of Computer Science and Engineering is going to organize a One Week Faculty Development Program on "Culture of Innovative on AWS" during 14th-19th February,2024. All the registered Teaching staff are informed to attend the FDP without fail.

Venue : Computer Lab(2201), Block-2, Narasaraopeta Engineering College.

Coordinator's : M.Sathyam Reddy
Asst.Professor in CSE Dept.

IQAC **HOD** **PRINCIPAL**

Copy to:

1. Chairman for Favor of Information
2. Principal
3. AO for Necessary arrangements
4. Department Notice Boards
5. Circulation to all Staff Members
6. All HOD's

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Brochure

Course Content

- Course Introduction
- Visualization, Virtual, Private Cloud
- Availability Zones, Edge Locations
- EC2 Instances
- Amazon Machine Learning, Load Balancing
- S3, RDS, Auto Scaling
- Working with EBS
- Build your VPC and launch a web server, Build a Database server, Scale and Load Balance your Architecture

Resource Persons:

Mr. Aravind Raj,
Founder & CEO,
Nminds Academy.

IMPORTANT DATES:

- Last date for Registration: 10/02/2024.
- Intimation to Participants: 05/02/2024.

Any Information Contact
DM.Sathyam Reddy, Coordinator,
Mobile 9618485861,
Email:sathyamreddym@gmail.com



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ABOUT THE COLLEGE

The Narasaraopeta Engineering College was established in the year 1998 by Gayatri Educational Development Society, Narasaraopet, under the leadership of Sri M.V.Koteswara Rao, who has a vision of developing this college as an autonomous institution of higher learning & knowledge in the heart of Palnadu Region. The college is approved by AICTE, permanently affiliated to JNTUK Kakinada, Accredited 'A'' Grade by NAAC and Accredited Four times by NBA. The college has three recognized R&D centers by JNTUK. NEC is conferred as 'AUTONOMOUS' in the year 2016. The college has launched Incubation Centre where the students can implement their ideas. The college has an MOU with ByteXL to set up a Centre of Excellence (COE) within the campus to train students in the field of Cyber Security. The college has an MOU with Oracle University (USA). NEC has MOUs with various Foreign Universities. The college offers seven M.Tech. programmes, two PG courses of MCA, MBA and ten courses at B.Tech. level in the branches EEE, CSE, IT, CSE (AI), CSE (AI&ML), CSE (DS), CSE (CS), ECE, ME and CIVIL. The college has well equipped laboratories including 1000 computers with a bandwidth of 146 MBPS internet. Microsoft Innovation Centre was established in the college through which more than 200 Mobile Apps, 50 Cloud Apps and 100 Windows Apps are uploaded every year.

In order to build a vibrant entrepreneurship ecosystem established Venture Development Centre (VDC) in association with i2E North Eastern University, USA and APSSDC. Also, the college has Indo-European skilling Centre for Mechatronics and Industrial Robotics in collaboration with APSSDC and ARC (Applied Robot Control), Germany. AP CM's Skill Excellence Center to provide students access to the most advanced courses by industry giants. The college has established Institution Innovation Cell (IIC), Ministry of HRD, Govt. of India ranked with 3.5 Star Rating.

A One Week

Faculty Development Program

On

Culture of Innovative on AWS

14th - 19th February, 2024

NEC
NARASARAOPETA
ENGINEERING COLLEGE

Organized by

Department of
Computer Science & Engineering
in Association with CSI and ISTE

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Kotappakonda Road, Yallamanda Village,
NARASARAOPET, GUNTUR DIST, A.P.
www.nrtec.in, Email: csehod@nrtec.in
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Fax: 08647 238002

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Guntur (Dist.), A.P.

ABOUT THE DEPARTMENT

The Department of CSE started in the year 1998 with an intake of 60 later it started M.Tech in PG Level with an intake of 18. Now the intake of the CSE is 240 in UG and M.Tech is 36 in PG, the department has four times accredited by NBA, right from the inception of the college, boasts of well experienced and technically excellent faculty members. The department imparts knowledge and skills to inculcate the professional responsibilities, leadership qualities to succeed in diverse career, capability to utilize engineering skills in industry. The sincere efforts and dedication of our faculty and keen interest exhibited by our students have produced not only a commendable academic record and also remarkable achievements in co-curricular and extracurricular activities. The laboratory infrastructure is excellent with state of the art equipment and software. Code Contests, Hackathons and Ideathons have been regularly conducting in the department to develop coding skills among the students and to make them industry ready. The department faculty encourages the students to implement innovative ideas in their project works, to develop industry readiness and R&D. The faculty has published around 40 research publication papers in different thrust areas like AR&VR,AI, ML, DL, DS, Cybes Security etc in every year. Twelve Ph.Ds. are awarded under our department faculty supervision and 10 more research scholars are doing Ph.Ds. Many of the faculty members are upgrading their skills by attending the FDP, Conferences, seminars and workshops in innovative and thrust area technologies regularly.

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The department is having 56 faculty members with 12 Professor, 18 Associate Professor and 26 Assistant professors. The department programs sponsored by AICTE, DST, MNIT Jaipur, NITTTR Kolkata and Chandigarh every year.

OBJECTIVE OF FDP

Amazon Web Services (AWS) is the world's most comprehensive and broadly adopted cloud, offering over 200 fully featured services from data centers globally. Millions of customers including fastest growing startups, largest enterprises and leading government agencies are using AWS to lower costs, become more agile and innovate faster. AWS is designed to allow application providers, ISVs and vendors to quickly and securely host their applications, whether an existing application or a new SAAS based application. Users can use the AWS management console or well-documented web services APIs to access AWS's application hosting platform. The main objective of the FDP is to enhance the teaching and research capabilities of the faculty which intern helps them in educating the students. Participants will experience the practical exposure also on the topics taught.

REGISTRATION

- The faculty members of the AICTE Approved institutions, PG & Research scholars from Government, Industry and academia can participate in this FDP.
- Limited seats are available
- Registration Link: https://tinyurl.com/awsfdpcse
- Registration Fee: Rs.200/-
- Participants will be selected on first-come first-served basis
- Selected candidates will be intimated by e-mail.
- Last date for Registration: 03/06/2023.
- Intimation to Participants: 05/06/2023.

Participants need to attend all sessions to get certificate

Chief Patron

Sri M.S.Chakravarthi
B.Tech, MS (US),e-MBA (ISB-Hyd)
Vice-Chairman, NEC Group.

Patrons

Sri M.V.Koteswara Rao B.Sc,
Chairman, NEC Group.

Sri M. Ramesh Babu
Secretary, NEC Group.

Co-Patron

Dr. M. Sreenivasa Kumar
M.Tech., Ph.D (UK) , MISTE ,FIE (I)
Principal.

Dr. D.Suneel
M.Tech., Ph.D.
Vice Principal

Convener

Dr. S.N. Tirumala Rao
Professor & Head, Dept. of CSE.

Coordinator

M.Sathyam Reddy,
Professor of CSE

ORGANIZING COMMITTEE

Dr. S. V. N. Srinivasu	**Dr. G. Syam Prasad**
Dr. K.Lakshminadh	**Dr. S. Siva Nageswara Rao**
Dr. G. L. N. Jayaprada	**Dr. M. Sireesha**
Mr. G. Samba Siva Rao	**Mrs. Sd. Rizwana**
Mr K. Satyam Reddy	**Mr. Sk.K.M.Basha**
Mr K.V.N Reddy	**Mr. G. Venkateswara Rao**
Mr. Sk. Rafi	**Mrs. Y. Chandana**
M.Rama Krishna Reddy	**Mr. N. Vijay Kumar**
Sk. Mohammad Johny	**Mr. U. Vijay Kumar**
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Mrs. M. Mounika	**Mr. P. Srinivasa Rao**
Mr. T. V. Manohar	**Mrs. N. Neelima**
Mrs. P. Naga Lakshmi	**Mrs. K. Sireesha**
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Schedule

NARASARAOPETA ENGINEERING COLLEGE
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ORGANIZING BY DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

FDP On Culture of Innovative on AWS

COURSE SCHEDULE

Date/Time	09:10amto 10:50 am	break(10:50am to 11.00 am)	11:00amto12:40 pm	LunchBreak(12:40pmto1:30pm)	01:30pmto4:00pm
14/02/2024	**Inauguration**		• Cloud Concepts • Introudction of Cloud computing • Pre-requisites for cloud • Define the AWS global infrastructure		• Create AWS account and enable Free tier • Explore AWS account and management console • How to create Free Tier Account in AWS
15/02/2024	• Create EC2 instance - Windows server & Linux server • How to Create Windows server & Linux Server in AWS		• Introduction to routing policy in DNS • Introduction to routing policy in DNS		• Discuss and Demonstrate of Failover Routing Policy • Discuss and Demonstrate of Geolocation Routing Policy
16/02/2024	• AWS Service-Storage • Storage basics-Object,file,block storage		• How to Extend HDD size in windows Instances • Discuss and Demonstrate add new HDD in windows		• Discuss and Demonstrate-Static Website Hosting in S3 • Dicuss the use case of the service-Snowball & Snowmobile

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17/02/2024	• Define methods of deploying and operating in thw AWS cloud • Compute basics and instances		• AWS service-Route53 • Introudction of Route53 & need of Route53		• Types of routing policy in Route53 • Discuss and Demonstrate of Simple Routing Policy	
19/02/2024	• Discuss and Demonstrate of Multi value Answer Routing		• Create and mange EBS (Elastice Block Storage)		• Create and manage S3 storage	

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Attendance sheet

(Autonomous)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CULTURE OF INNOVATIVE FDP ON AWS

DURING 14TH - 19TH FEB- 20-24

S.No	Name	14-02-2024 Signature	15-02-2024 Signature	16-02-2024 Signature	17-02-2024 Signature	18-02-2024 Signature	19-02-2024 Signature
1	Dr.S.N.Tirumala Rao						
2	Dr. S.V.N. Srinivasu						
3	Dr. K. Lakshminadh						
4	Dr. S.Siva Nageswara Rao						
5	Dr. R. Satheesh Kumar						
6	V. Mahesh Babu						
7	Dr.M. Sireesha						
8	N. Vijaya Kumar						
9	Sd. Rizwana						
10	P. Swathi						
11	Sk. Subhani						
12	Sk. Khaja Mohiddin Basha						
13	Ch. Lakshmi Tulasi						
14	SK. Gousya Pyari						
15	K. Rambabu						
16	Sk. Rafi						
17	M. Satyam Reddy						
18	K V.Narasimha Reddy						
19	D. Raju						
20	R. Saritha						
21	P. Rama Devi						
22	O. Sambasivarao						
23	K. Ramani						
24	U. Vijay Kumar						
25	A. Thanuja						
26	N. Anantha Rami Reddy						
27	K. V. Pavan Kumar						
28	R. Dilip Kumar						
29	T. Venkata Manohar						
30	G. Venkateswararao						
31	Y. Chandana						
32	M. Ramakrishna Reddy						
33	G. Srinadh						
34	K. Jayaprakash						
35	D. Venkata Reddy						
36	B. Sowjanya						
37	M.Suneetha						
38	G. Saranya						

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NARASARAOPET - 522601

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S.No	Name	14-02-2024 Signature	15-02-2024 Signature	16-02-2024 Signature	17-02-2024 Signature	18-02-2024 Signature	19-02-2024 Signature
39	D. Thabitha						
40	M. Santhosh Kumar						
41	U. Nirmala						
42	T. Anil Kumar						
43	P. Srinivasa Rao						
44	S. Venkateswara Rao						
45	K. Swetha						
46	D. Ramesh						
47	M,Venkatarao						
48	K. Bharathi						
49	V.V. Abhilasha						
50	M. Nandini						
51	Ch. Sita Maalakshmi						
52	K. Sireesha						
53	P. Neelima						
54	B. Dileep Kumar						
55	B. Anoch						
56	A. Ramesh						
57	P. Salmon						
58	T. G. Ramnadh Babu						
59	B. Sathish Kumar						
60	K. Shishir						
61	P.Santhi						

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Program Report

NEC NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)

Kotappakonda Road, Yellamanda (Post), Narasaraopet-522601, Palnadu District, A.P., India.
Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK, Kakinada, Code: 47,
Accredited by NBA & NAAC A+, ISO 9001 – 2015 Certified Institution
Phone: 08647-239905 Website: www.nrtec.in

Date: 20th February,2024.

Program Report

Name of the program : Faculty Development Program on Culture of Innovative on AWS

Date(s) of FDP : 14th - 19th February,2024.

Details of the Co- Ordinator:

Name	: **M.Sathyam Reddy**
Designation	: Assistent.Professor in CSE Dept.
Organization	: Narasaraopeta Engineering College
Phone No.	: 9618485861
Mail-id	: sathyamreddym@gmail.com

Details of the Resource Person(s):

Name	: **Mr. ARAVINDRAJ G**
Designation	: Founder & CEO
Organization	: Nminds Academy.
Phone No.	: 9514149235
Mail-id	: garuvir@gmail.com

Objective of the Program :

Amazon Simple Storage Service (Amazon S3) is an object storage service that offers industry-leading scalability, data availability, security, and performance. Customers of all sizes and industries can use Amazon S3 to store and protect any amount of data for a range of use cases, such as data lakes, websites, mobile applications, backup and restore, archive, enterprise applications, IoT devices, and big data analytics. Amazon S3 provides management features so that you can optimize, organize, and configure access to your data to meet your specific business, organizational, and compliance requirements.

Amazon S3 Express One Zone is a high-performance, single-zone Amazon S3 storage class that is purpose-built to deliver consistent, single-digit millisecond data access for your most latency-sensitive applications. S3 Express One Zone is the lowest latency cloud object storage class available today, with data access speeds up to 10x faster and with request costs 50 percent lower than S3 Standard. S3 Express One Zone is the first S3 storage class where you can select a single Availability Zone with the option to co-locate your object storage with your computer resources, which provides the highest possible access speed. Additionally, to further increase access speed and support hundreds of thousands of requests per second, data is stored in a new bucket type: an Amazon S3 directory bucket.

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Topics Covered

- Introudction of Cloud computing
- Pre-requisites for cloud
- Define methods of deploying and operating in thw AWS cloud
- Define the AWS global infrastructure
- Create AWS account and enable Free tier
- Explore AWS account and management console
- How to create Free Tier Account in AWS
- Compute basics and instances
- Create EC2 instance -Windows server & Linux server
- How to Create Windows server & Linux Server in AWS
- AWS service-Route53
- Introudction of Route53 & need of Route53
- Introduction to routing policy in DNS
- Introduction to routing policy in DNS
- Types of routing policy in Route53
- Discuss and Demonstrate of Simple Routing Policy
- Discuss and Demonstrate of Failover Routing Policy
- Discuss and Demonstrate of Geolocation Routing Policy
- Discuss and Demonstrate of Multi value Answer Routing Policy
- AWS Service-Storage
- Storage basics-Object,file,block storage
- Create and mange EBS (Elastice Block Storage)
- How to Extend HDD size in windows Instances
- Discuss and Demonstrate add new HDD in windows Instances
- Create and manage S3 storage
- Discuss and Demonstrate-Static Website Hosting in S3
- Dicuss the use case of the service-Snowball & Snowmobile

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Outcome of the program

After completion of this program, the students are able to

1. Analyze AWS global infrastructure.
2. Analyze AWS account and management console.
3. Analyze Create Windows server & Linux Server in AWS.
4. Analyze Extend HDD size in windows Instances.

No. of Participants : 61

Coordinator

M.Sathyam Reddy

HoD-CSE

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Press Note & Coverage

NARASARAOPETA
NEC ENGINEERING COLLEGE
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
Kotappakonda Road, Yellamanda (Post), Narasaraopet – 522601, Guntur District, AP
Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada, Code: 47,
Four Times Accredited by NBA & NAAC "A+" Grade ISO 9001: 2015 Certified Institution
Phone: 08647-239912 e-mail: csehod@nrtec.in visit us at : www.nrtec.in

Press Note

ఎన్. ఈ. సి. లో " కల్చర్ ఆఫ్ ఇన్నోవేటివ్ ఫ్.డి.పి ఆన్ ఏ.డబ్ల్యూ..స్" పై ఇంజనీరింగ్ అధ్యా పకులకు 5 రోజుల శిక్షణ తరగతులు ప్రారంభం

స్థానిక నరసరావుపేట ఇంజనీరింగ్ కళాశాలలో కంప్యూ టర్ సైన్స్ అండ్ ఇంజనీరింగ్ విభాగ ఆధ్వర్యంలో ఇంజనీరింగ్ అధ్యా పకులకు"కల్చర్ ఆఫ్ ఇన్నోవేటివ్ ఫ్.డి.పి ఆన్ ఏ.డబ్ల్యూ..స్"పై 5 రోజులు శిక్షణా తరగతులు ప్రారంభించినట్లు కళాశాల వైస్ చైర్మ న్ శ్రీ మిట్టపల్లి చక్రవర్తి గారు ఒక ప్రకటనలో తెలిపారు.

శిక్షణ తరగతులు ప్రారంభ కార్యక్రమములో ముఖ్య అతిథులుగా మిస్టర్ అరవిందరాజ్ , ఫౌండర్ & సీఈఓ,ఎన్ మైండ్స్ శిక్షకులుగా వ్య వహరించి అధ్యా పకులకు "కల్చర్ ఆఫ్ ఇన్నోవేటివ్ ఫ్.డి.పి ఆన్ ఏ.డబ్ల్యూ..స్"సంబంధించి ఇంట్రడక్షన్ టు క్లౌడ్ కంప్యూ టింగ్, ఏ.డబ్ల్యూ..స్ గ్లోబల్ ఇన్ఫరస్ట్రక్చ ర్, క్రియేట్ EC2 ఇన్స్టా న్స్ ,క్రియేట్ విండోస్ సర్వ ర్ & లైనక్స్ సర్వ ర్ మొదలగు అంశాలు గురించి వివరించారు.

ఈ సందర్భంగా కళాశాల ప్రిన్సి పల్ డాక్టర్ ఎం .శ్రీనివాస్ కుమార్ గారు మాట్లాడుతూ అధ్యా పకులను ఉద్దేశించి ప్రస్తుత సాఫ్ట్వే ర్ ఇంజనీరింగ్లో" కల్చ ర్ ఆఫ్ ఇన్నో వేటివ్ ఫ్.డి.పి ఆన్ ఏ.డబ్ల్యూ..స్" ద్వా రా చాలా ఉద్యో గ అవకాశములు విద్యా ర్థులకు అందించుటకు అధ్యా పకులకు శిక్షణ అవసరము అని, కళాశాల మేనేజ్మెంట్ వారు ఈ అవకాశమును ఇంజనీరింగ్ కళాశాల అధ్యా పకులకు కల్పించారని ,అధ్యా పకులకు 5 రోజులు శ్రద్ధగా శిక్షణ తీసుకుని మీ ఇంజనీరింగ్ కళాశాలలోని విద్యా ర్థులకు బోధనా చేయవలెనని కోరారు.

కంప్యూ టర్ సైన్స్ అండ్ ఇంజనీరింగ్ విభాగ అధిపతి డాక్టర్ ఎస్. ఎన్ తిరుమల రావు గారు మాట్లాడుతూ ,ఈ 5 రోజుల శిక్షణ యందు " కల్చ ర్ ఆఫ్ ఇన్నో వేటివ్ ఫ్.డి.పి ఆన్ ఏ.డబ్ల్యూ..స్" ద్వా రా ఏ.డబ్ల్యూ. .స్ సర్వీ సెస్ , ఏ.డబ్ల్యూ. .స్ సర్వీస్ స్టోరేజ్ మొదలగు అంశాల మీద శిక్షణ ఇస్తారని తెలిపారు. అధ్యా పక శిక్షణా తరగతులు కోఆర్డినేటర్ ఎం. సత్యం రెడ్డి గారు మాట్లాడుతూ ఈ తరగతులకు ఆంధ్ర మరియు తెలంగాణ రాష్ట్రాల నుండి 61 మంది ఇంజనీరింగ్ అధ్యా పకులు పాల్గొన్నా రు అని తెలిపారు.

ఈ కార్య క్రమంలో కళాశాల చైర్మ న్ మిట్టపల్లి కోటేశ్వ రావు గారు కళాశాలలోని ప్రతి ఒక్క అధ్యా పకులు సంవత్స రంలో శిక్షణ తరగతులు ఎక్క డైనా తప్ప నిసరిగా హాజరు అవ్వా లని మేము పూర్తి సహాయ సహకారం అందిస్తామని ఈ సందర్భంగా గుర్తు చేశారు. కళాశాల సెక్రెటరీ మిట్టపల్లి రమేష్ గారు మాట్లాడుతూ ఈ శిక్షణ తరగతులను నిర్వ హిస్తున్న కంప్యూ టర్ సైన్స్ అండ్ ఇంజనీరింగ్ అల్లైడ్ విభాగాలను అభినందించారు.

ఈ కార్య క్రమంనందు కళాశాల వైస్ప్రిన్సి పల్ డాక్టర్ డి సునీల్ గారు వివిధ విభాగాల అధిపతులు అధ్యా పకులు పాల్గొన్నా రు.

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Photos

Culture of Innovative FDP on AWS





Resource Person delivering FDP Content

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Resource Person along with Faculty attended Culture of Innovative FDP on AWS



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Conclusion of Culture of Innovative FDP on AWS

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Sample Certificates

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25 Years Excellence

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Faculty Development Program

This is to Certify that Mr/Ms Dr.S.V.N.Sreenivasu had successfully completed one week program on "Culture of innovative workshop on aws" from **14-02-2024 to 19-02-2024** conducted at Narasaraopeta Engineering College, Palnadu District, Andhra Pradesh in association with Falcon IT Training and Educational Services, Chennai.

G.Aravindraj
Founder & CEO,
Nminds Academy

HOD-CSE

Principal

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Faculty Development Program

This is to Certify that Mr/Ms **Dr.M.Sireesha** had successfully completed one week program on "Culture of innovative workshop on aws" from **14-02-2024 to 19-02-2024** conducted at Narasaraopeta Engineering College, Palnadu District, Andhra Pradesh in association with Falcon IT Training and Educational Services, Chennai.

G.Aravindraj
Founder & CEO,
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Faculty Development Program

This is to Certify that Mr/Ms D.Venkata Reddy had successfully completed one week program on "Culture of innovative workshop on aws" from **14-02-2024 to 19-02-2024** conducted at Narasaraopeta Engineering College, Palnadu District, Andhra Pradesh in association with Falcon IT Training and Educational Services, Chennai.

G.Aravindraj
Founder & CEO,
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Faculty Development Program

This is to Certify that Mr/Ms M.Venkata Rao had successfully completed one week program on "Culture of innovative workshop on aws" from **14-02-2024 to 19-02-2024** conducted at Narasaraopeta Engineering College, Palnadu District, Andhra Pradesh in association with Falcon IT Training and Educational Services, Chennai.

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Faculty Development Program

This is to Certify that Mr/Ms K.V.Narasimha Reddy had successfully completed one week program on "Culture of innovative workshop on aws" from **14-02-2024 to 19-02-2024** conducted at Narasaraopeta Engineering College, Palnadu District, Andhra Pradesh in association with Falcon IT Training and Educational Services, Chennai.

G.Aravindraj
Founder & CEO,
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One week Faculty Development Program on "Salesforce Platform Developer 1"

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Phone No. : 08647-239904, Fax No. : 08647-239902

E-mail: principal@nrtec.in Website: http://www.nrtec.in

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 14-12-2023

CIRCULAR

All the Teaching staff members are here by informed that the Department of Computer Science and Engineering is going to organize a One Week Faculty Development Program on Salesforce Platform Developer 1 during 18th - 23rd December ,2023. All the registered Teaching staff are requested to attend the FDP without fail.

Venue : Computer Lab(2201), Block-2, Narasaraopeta Engineering College.

Coordinator : M.Sathyam Reddy
Assistent.Professor in CSE Dept.

IQAC **HOD** **PRINCIPAL**

Copy to:

1. Chairman for Favor of Information
2. Principal
3. AO for Necessary arrangements
4. Department Notice Boards
5. Circulation to all Staff Members
6. All HOD's

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Brochure

Course Content:

- Trailhead and Trailblazer Community Manual Testing Concepts
- Salesforce Platform Basics API Testing
- Trailhead Playground Management Simplifying DataAWS
- Data Modeling
- Formula Validations
- Lightning App Builder
- Data Security
- Approve Records with Approval Process
- Apex Basics & Database
- Apex Triggers

Resource Persons:

Mr.K.Raghavendhra Swamy
Sr,Technical Trainer
ICT Academy
raghavendra@ictacademy.in

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ABOUT THE COLLEGE

The Narasaraopeta Engineering College was established in the year 1998 by Gayatri Educational Development Society, Narasaraopet, under the leadership of Sri M.V.Koteswara Rao, who has a vision of developing this college as an autonomous institution of higher learning & knowledge in the heart of Palnadu Region. The college is approved by AICTE, permanently affiliated to JNTUK Kakinada, Accredited 'A+' Grade by NAAC, Accredited thrice by NBA and ISO 9001:2008 certified. The college has three recognized R&D centers by JNTUK. NEC is conferred as 'AUTONOMOUS' in the year 2016. The college has launched Incubation Centre where the students can implement their ideas. The college has an MOU with Oracle University (USA). NEC has MOUs with various Foreign Universities. The college offers seven M.Tech programmes, two PG courses of MCA, MBA and six courses at B.Tech level in the branches EEE, CSE, IT, CSE (AI) ECE, ME and CIVIL. The college has well equipped laboratories including 1000 computers with a bandwidth of 146 MBPS internet. Microsoft Innovation Centre was established in the college through which more than 200 Mobile Apps, 50 Cloud Apps and 100 Windows Apps are uploaded every year.

In order to build a vibrant entrepreneurship ecosystem established Venture Development Centre (VDC) in association with i2E North Eastern University, USA and APSSDC. Also, the college has Indo-European skilling Centre for Mechatronics and Industrial Robotics in collaboration with APSSDC and ARC (Applied Robot Control), Germany. AP CM's Skill Excellence Center to provide students access to the most advanced courses by industry giants. The college has established Institution Innovation Council(IIC) as per the norms of Innovation Cell, Ministry of HRD, Govt. of India with ranked 3 and 1/2 Star Rating

A One Week Faculty Development Program on Salesforce Platform Developer I
18th - 23rd December , 2023.

Organized
by

Department of Computer Science & Engineering

NARASARAOPETA ENGINEERING COLLEGE
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Thrice Accreted By NBA and Accreted By NAAC A+
(Approved By AICTE, New Delhi, Permanently Affiliated To JNTUK, Kakinada)
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ABOUT THE DEPARTMENT

The Department of CSE started in the year 1998 with an intake of 60 later it started M.Tech in PG Level with an intake of 18. Now the intake of the CSE is 240 in UG and M.Tech is 36 in PG, the department has thrice accredited by NBA, right from the inception of the college, boasts of well experienced and technically excellent faculty members. The department imparts knowledge and skills to inculcate the professional responsibilities, leadership qualities to succeed in diverse career, capability to utilize engineering skills in industry. The sincere efforts and dedication of our faculty and keen interest exhibited by our students have produced not only a commendable academic record and also remarkable achievements in co-curricular and extracurricular activities. The laboratory infrastructure is excellent with state of the art equipment and software. The department faculty encourages the students to implement innovative ideas in their project works, to develop industry readiness and R&D. The faculty has published around 40 research publication papers in different thrust areas like AR&VR,AI, ML, DL, cyber securities etc in every year. seven Ph.Ds. are awarded under our department faculty supervision and two more research scholars are doing Ph.Ds. Many of the faculty members are upgrading their skills by attending the FDP, Conferences, seminars and workshops in innovative and thrust area technologies regularly. The department having 64 faculty members with 15 Professor, 15 Associate Professor and 34 Assist professors. The dept. has organized Workshop on Amazon Web services conducted by APSSDC

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Objective of Workshop

To learn and update the knowledge and practical exposer of the Salesforce, is a CRM platform; it's software, so we shouldn't confuse it with hardware as it is housed in the cloud. In brief, no matter where the sales, marketing, service, commerce, and IT teams are, Salesforce permits them to connect on a single platform. Customer 360 by Salesforce is the world's number one AI CRM that eases the communication and details sharing between teams, customers, and partners to make digital workflows flawless and find a new way to perform better.

Target Audience:

- Faculty memebers from AICTE institutions.

Guidelines:

- A test shall be conducted by organizing committee at the end of the program.
- E-certificate shall be issued to those participants who have attended the program.

Chief Patron

Sri M.S.Chakravarthi
B.Tech, MS (US),e-MBA (ISB-Hyd)
Vice-Chairman, NEC Group.

Patrons

Sri M.V.Koteswara Rao B.Sc,
Chairman, NEC Group.
Sri M. Ramesh Babu
Secretary, NEC Group.

Co-Patron

Dr. M. Sreenivasa Kumar,
M.Tech., Ph.D (UK)., MISTE.,FIE (I).
Principal.

Convener

Dr. S. N. Tirumala Rao,
Professor & Head, Dept. of CSE.

Coordinator

M.Sathyam Reddy,
Assistant.Professor in CSE Dept.

ORGANIZING COMMITTEE

Dr. B. S.V.N.Sreenivasu	Dr. K.Lakshminadh
Dr. S. Siva Nageswara Rao	Dr. . M. Sireesha
Dr. k. Suresh Babu	Mr. E. RamaKrishna.
Mr. N. Vijay Kumar	Mrs Sd. Rizwana
Mr. M. Satyam Reddy	Mr. SK. Rafi
Ms.Y.Chandana	Mr. K.V.Narasimha Reddy
Mr. D.Venkata Reddy	Mr. T.G.Ramanadh babu
Ms. G.Saranya	Mr. M.Venkata Rao
Ms. Ch.Rajani	Mrs. M.Suneetha

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Schedule

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ORGANIZING BY DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

FDP on Salesforce Platform Developer 1

COURSE SCHEDULE

Date	Session	Topics	Sub Topics
18-12-2023	1	Trailhead and Trailblazer Community	Get Started with Trailhead and Trailblazer Community
	2	Trailhead and Trailblazer Community	Find Your Way Around,Build Your Network with Trailblazer Community and Learning Objectives
	3	Salesforce Platform Basics	Get started with salesforce platform
	4	Salesforce Platform Basics	understand the Architecture,App exchange
19-12-2023	1	Trailhead Playground Management	Create a Trailhead playground,get username and password
	2	Trailhead Playground Management	install pckages in playground
	3	Data Modeling	understand objcets , create objects
	4	Data Modeling	create Relationships, work with schemea Builder
20-12-2023	1	Formula Validations	use formulas,Roll up summary
	2	Formula validations	create validation rules
	3	Lightning App Builder	Build custom Home page,work with standard components
	4	Data Security	overview of Data security, control Access to objects
21-12-2023	1	Data Security	control Access to filelds, control Access to Records
	2	Data Security	Role Hierarchy, sharing Rules
	3	Approve Records with Approval Process	Customize How Records Get Approved,Build Approval process
	4	Apex Basics & Database	Apex Basics , Apex classes
22-12-2023	1	Apex Basics & Database	create objects and perform record insert, update operations
	2	Apex Basics & Database	SOQL, SOSL queries
	3	Apex Triggers	Get started with Triggers
	4	Apex Triggers	Build Triggers
23-12-2023	1	Trailhead and Trailblazer Community	Find Your Way Around,Build Your Network with Trailblazer Community and Learning Objectives
	2	Data Modeling	understand objcets , create objects
	3	Data Security	Role Hierarchy, sharing Rules
	4	Apex Triggers	Build Triggers

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Attendance sheet

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SALESFORCE PLATFORM DEVELOPER 1

DURING 18th - 23rd DECEMBER- 2023

S.No	Name	18-12-2023	19-12-2023	20-12-2023	21-12-2023	22-12-2023	23-12-2023
		Signature	Signature	Signature	Signature	Signature	Signature
1	Dr.S.N.Tirumala Rao						
2	Dr. S.V.N. Srinivasu						
3	Dr. K. Lakshminadh						
4	Dr. S.Siva Nageswara Rao						
5	Dr.M.Sireesha						
6	Dr.K.Suresh Babu						
7	Dr.E.Ramakrishna						
8	N.Vijaya Kumar						
9	Sd.Rizwana						
10	SK.Khaja Mohiddin Basha						
11	Shaik Rafi						
12	M.Satyam Reddy						
13	K.V.Narasimha Reddy						
14	Y.Chandana						
15	D.Venkata Reddy						
16	G.Saranya						
17	M.Venkata Rao						
18	M.Mounika Naga Bhavani						
19	M.Suneetha						
20	V.Karuna Kumar						
21	T G Ramnadh babu						
22	S.Chaitanya Bharathi						
23	Ch.Rajani						
24	Sk.Ch.Mahaboob Subhani						
25	V. Mahesh Babu						
26	P. Swathi						
27	Ch. Lakshmi Tulasi						
28	SK. Goosya Pyari						
29	K. Rambabu						
30	D. Raju						
31	R. Saritha						
32	P. Rama Devi						
33	O. Sambasivarao						
34	K. Kalyani						
35	A. Ramakrishna Reddy						

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S.No	Name	18-12-2023	19-12-2023	20-12-2023	21-12-2023	22-12-2023	23-12-2023
		Signature	Signature	Signature	Signature	Signature	Signature
36	G. Srinadh						
37	R. Sowjanya						
38	D. Thabitha						
39	M. Santhosh Kumar						
40	U. Nirmala						
41	T. Anil Kumar						
42	S. Venkateswara Rao						
43	K. Swetha						
44	D. Ramesh						
45	K. Bharathi						
46	V.V. Abhilasha						
47	M. Nandini						
48	Ch. Sita Maalakshmi						
49	Y. Neelima						
50	B. Dileep Kumar						
51	B. Anoch						
52	A. Ramesh						
53	P. Salmon						
54	B. Sathish Kumar						
55	K. Shishir						

Co- Ordinator

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DEPARTMENT OF INFORMATION TECHNOLOGY

ONE WEEK FDP ON SALESFORCE PLATFORM DEVELOPER 1

DURING 18th - 22nd DECEMBER- 2023

S.No	Name	18-12-2023 Signature	19-12-2023 Signature	20-12-2023 Signature	21-12-2023 Signature	22-12-2023 Signature
1	Dr.B.Jhansi Vazram					
2	K.Jaya Prakash					
3	M.Rama Krishna Reddy					
4	SK.Mohammed Jany					
5	U.Vijay Kumar					
6	T.Venkata Manohar					
7	K.Sireesha					
8	P.Santhi					
9	P.Neelima					
10	P.Vijay Lakshmi					

P.Neelima
Co- Ordinator

HOD-IT

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Program Report

NEC NARASARAOPETA ENGINEERING COLLEGE
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Kotappakonda Road, Yellamanda (Post), Narasaraopet-522601, Palnadu District, A.P., India.
Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK, Kakinada, Code: 47,
Accredited by NBA & NAAC A+, ISO 9001 – 2015 Certified Institution
Phone: 08647-239905 Website: www.nrtec.in

Date: 26th December ,2023.

Program Report

Name of the program : Faculty Development Program on Salesforce Platform Developer 1.

Date(s) of FDP : 18th - 23rd December ,2023.

Details of the Co- Ordinator:

Name	: **M.Sathyam Reddy**
Designation	: Assistant.Professor in CSE Dept.
Organization	: Narasaraopeta Engineering College
Phone No.	: 9618485861
Mail-id	: sathyamreddym@gmail.com

Details of the Resource Person(s):

Name	: **Mr.K.Raghavendhra Swamy**
Designation	: Sr,Technical Trainer.
Organization	: ICT Academy.
Phone No.	: 9177073858
Mail-id	: raghavendra@ictacademy.in

Objective of the Program :

To learn and update the knowledge and practical exposer of the Salesforce, is a CRM platform; it's software, so we shouldn't confuse it with hardware as it is housed in the cloud. In brief, no matter where the sales, marketing, service, commerce, and IT teams are, Salesforce permits them to connect on a single platform. Customer 360 by Salesforce is the world's number one AI CRM that eases the communication and details sharing between teams, customers, and partners to make digital workflows flawless and find a new way to perform better. This digital workspace turns out to be a helping hand for government agencies, businesses, non-profit organizations, and educational institutes to deliver matchless experiences for whom they work.

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Topics Covered

- Trailhead and Trailblazer Community Manual Testing Concepts
- Salesforce Platform Basics API Testing
- Trailhead Playground Management Simplifying Data AWS
- Data Modeling
- Formula Validations
- Lightning App Builder
- Data Security
- Approve Records with Approval Process
- Apex Basics & Database
- Apex Triggers

Outcome of the program

After completion of this program, the faculty are able to

1. Analyze fundamentals of SalesForceManagement.
2. Analyze Trailhead Playground Management.
3. Analyze Lightning App Builder.
4. Analyze Apex Triggers.

No. of Participants : 54

Coordinator

. M.Sathyam Reddy

HoD-CSE

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Press Note &Coverage

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
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Press Note

ఎన్. ఈ. సి లో "సేల్స్ ఫోర్స్ ప్లాట్ ఫారం డెవలపర్ 1" పై

ఇంజనీరింగ్ అధ్యా పకులకు 07 రోజుల శిక్షణ తరగతులు ప్రారంభం

స్థానిక నరసరావుపేట ఇంజనీరింగ్ కళాశాలలో కంప్యూ టర్ సైన్స్ అండ్ ఇంజనీరింగ్ విభాగ ఆధ్వర్యంలో ఇంజనీరింగ్ అధ్యాపకులకు "సేల్స్ ఫోర్స్ ప్లాట్ ఫారం డెవలపర్ 1 "పై 07 రోజులు శిక్షణా తరగతులు ప్రారంభించినట్లు కళాశాల వైస్ చైర్మన్ శ్రీ మిట్టపల్లి చక్రవర్తి గారు ఒక ప్రకటనలో తెలిపారు.శిక్షణ తరగతులు ప్రారంభ కార్యక్రమములో ముఖ్య అతిథులుగా మిస్టర్ కె రాఘవేంద్ర స్వామి సీనియర్ టెక్నికల్ ట్రైనర్, **ICT** సంస్థ శిక్షకులుగా వ్యవహరించి అధ్యాపకులకు "సేల్స్ ఫోర్స్ ప్లాట్ ఫారం డెవలపర్ 1" కి సంబంధించిన ఏ డేటా మోడలింగ్, ఫార్ములా వాలిడేషన్స్, లైట్నింగ్ అప్ బిల్డర్,డేటా సెక్యూరిటీ వంటి మొదలగు అంశాలు గురించి వివరించారు.

ఈ సందర్భంగా కళాశాల ప్రిన్సిపల్ డాక్టర్ ఎం శ్రీనివాస్ కుమార్ గారు మాట్లాడుతూ అధ్యా పకులను ఉద్దేశించి ప్రస్తుత సాఫ్ట్వే ర్ ఇంజనీరింగ్ లో "సేల్స్ ఫోర్స్ ప్లాట్ ఫారం డెవలపర్ 1" ద్వారా చాలా ఉద్యోగ అవకాశములు విద్యార్థులకు అందించుటకు అధ్యాపకులకు శిక్షణ అవసరము అని, కళాశాల మేనేజ్మెంట్ వారు ఈ అవకాశమును ఇంజనీరింగ్ కళాశాల అధ్యాపకులకు కల్పించారని ,అధ్యా పకులకు 07 రోజులు శ్రద్ధగా శిక్షణ తీసుకుని మీ ఇంజనీరింగ్ కళాశాలలోని విద్యార్థులకు బోధనా చేయవలెనని కోరారు.కంప్యూటర్ సైన్స్ అండ్ ఇంజనీరింగ్ విభాగ అధిపతి డాక్టర్ ఎస్. ఎన్ తిరుమల రావు గారు మాట్లాడుతూ ,ఈ 07 రోజుల శిక్షణ యందు "సేల్స్ ఫోర్స్ ప్లాట్ ఫారం డెవలపర్ 1 "ట్రయిల్ హెడ్ బ్లేజర్ కమ్యూనిటీ టెస్టింగ్ కాన్సెప్ట్స్, సేల్స్ ఫోర్స్ ప్లాట్ఫారం బేసిక్స్ ఏ పీ ఐ టెస్టింగ్, అపెక్స్ ట్రిగ్గర్స్ మొదలగు అంశాల మీద శిక్షణ ఇస్తారని తెలిపారు.

అధ్యాపక శిక్షణా తరగతులు కోఆర్డినేటర్ డాక్టర్ ఎస్. వి. ఎన్. శ్రీనివాస్ గారు మాట్లాడుతూ ఈ తరగతులకు ఆంధ్ర మరియు తెలంగాణ రాష్ట్రాల నుండి 55 మంది ఇంజనీరింగ్ అధ్యా పకులు పాల్గొన్నా రు అని తెలిపారు. ఈ కార్యక్రమంలో కళాశాల చైర్మన్ మిట్టపల్లి కోటేశ్వ రావు గారు కళాశాలలోని ప్రతి ఒక్క అధ్యా పకులు సంవత్సరంలో శిక్షణ తరగతులు ఎక్క డైనా తప్పనిసరిగా హాజరు అవ్వాలని మేము పూర్తి సహాయ సహకారం అందిస్తామని ఈ సందర్భంగా గుర్తు చేశారు.

కళాశాల సెక్రటరీ మెట్పల్లి రమేష్ గారు మాట్లాడుతూ, ఈ శిక్షణ తరగతులను నిర్వ హిస్తున్న కంప్యూ టర్ సైన్స్ అండ్ ఇంజనీరింగ్ అల్లైడ్ విభాగాలను అభినందించారు.

ఈ కార్యక్రమం నందు కళాశాల వైస్ ప్రిన్సిపల్ డాక్టర్ డి సునీల్ గారు వివిధ విభాగాల అధిపతులు అధ్యా పకులు పాల్గొన్నా రు.

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FDP : Salesforce Platform Developer 1

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SALESFORCE PLATFORM DEVELOPER 1

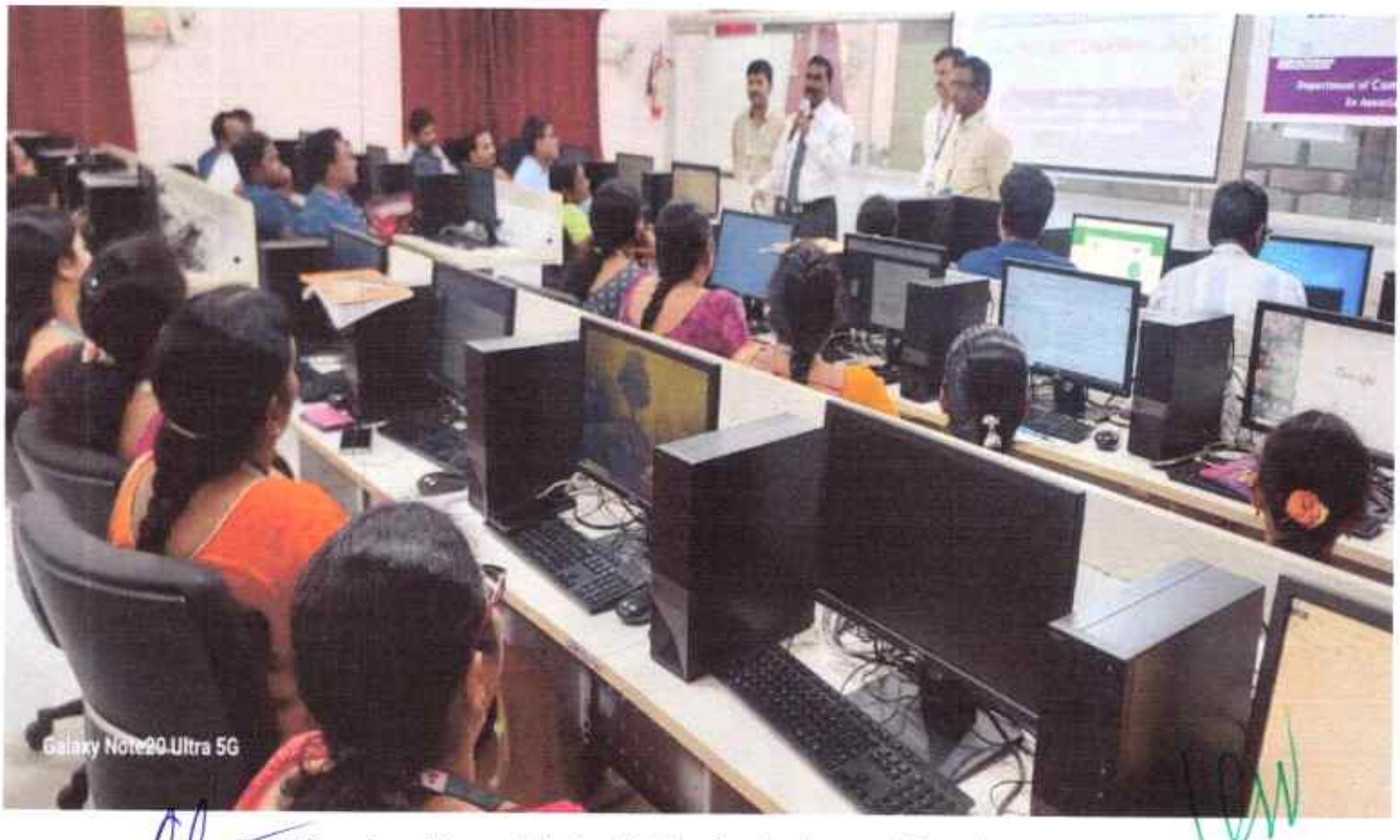
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Dr. S.N. Tirumala Rao , HOD Addressing the Programme



Principal,HOD's and Faculty Attended Salesforce Platform Developer 1 FDP

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Resource person delivering the content : Salesforce Platform Developer 1 FDP



NEC Faculty Addressing FDP & Conclusion

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conducted by ICT Academy on 18 Dec 2023 to 22 Dec 2023 at

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Chief Executive Officer, ICT Academy

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Date: 22 Dec 2023

K SIREESHA

Narasaraopeta Engineering College

has participated in one week Faculty Development Program on

Salesforce Platform Developer 1

conducted by ICT Academy on 18 Dec 2023 to 22 Dec 2023 at

Narasaraopeta Engineering College

In association with

salesforce

IQAC

Hari Balachandran
Chief Executive Officer, ICT Academy

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C.No: 023-212747
Date: 22 Dec 2023

K JAYA PRAKASH

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Date: 22 Dec 2023

TINNAVALLI VENKATA MANOHAR

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Date: 22 Dec 2023

U VIJAY KUMAR

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CERTIFICATE OF PARTICIPATION

C.No: 023-212727
Date: 22 Dec 2023

DR S N TIRUMALA RAO

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CERTIFICATE OF PARTICIPATION

C.No: 023-212702
Date: 22 Dec 2023

G SARANYA

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CERTIFICATE OF PARTICIPATION

C.No: 023-212757
Date: 22 Dec 2023

N VIJAYA KUMAR

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C.No: 023-212755
Date: 22 Dec 2023

M VENKATA RAO

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CERTIFICATE OF PARTICIPATION

C.No: 023-212786
Date: 22 Dec 2023

T G RAMNADHBABU

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CERTIFICATE OF PARTICIPATION

C.No: 023-212748
Date: 22 Dec 2023

M MOUNIKA NAGA BHAVANI

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CERTIFICATE OF PARTICIPATION

C.No: 023-212765
Date: 22 Dec 2023

Y NEELIMA

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One week Faculty Development Program on "SAR, OBE and NBA"

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Circular

NARASARAOPETA ENGINEERING COLLEGE
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(Approved by AICTE, Affiliated to JNTUK, Kakinada, Accredited by NAAC, RTA Approved Pollution Test Centre, ISO 9001: 2008 Certified Institution)
Kotappakonda Road, Yellamanda (Post), Narasaraopet – 522601, Guntur district, Andhra Pradesh
Phone No. : 08647-239904, Fax No. : 08647-239902
E-mail: principal@nrtec.in Website: http://www.nrtec.in

DEPARTMENT OF MECHANICAL ENGINEERING

Date: 20-11-2023

CIRCULAR

Department of Mechanical Engineering is organizing A One Week Faculty Development Programme on **"SAR, OBE & NBA"** in association with **NITTTR Chandigarh** from **04/12/2023 to 08/12/2023.** for Faculty. Request all the faculty members are to attend.

Program Convenor: Dr. B. Venkata Siva (9692464540)
Dr. M. Venkanna Babu (9985808908)

IQAC **HOD** **PRINCIPAL**

Copy to:

1. Chairman for Favour of Information
2. Principal
3. AO for Necessary arrangements
4. Department Notice Boards
5. Circulation to all Staff Members
6. All HOD's

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Brochure

Course Content:

- SAR, OBE & NBA - Concept, Objectives, Features, Types.
- Pedagogical Practices in the light of SAR, OBE & NBA.
- Writing Learning Outcomes
- Mapping Learning Outcomes with Test Items.
- Developing Entrepreneurial Attributes.
- Industry Expectations from SAR, OBE & NBA
- ICT for Assessment and Evaluation
- Evaluation–Concept, Types & Techniques.
- Curriculum Design & Implementation.
- Writing Test Items – Supply and Selection Type.
- Student Centred Instructional Methods & Design of Rubrics.
- Evaluating Practical and Project Work

Registration:

- UG/PG students in Engineering and Applied Sciences.
- Any Faculty/Student in thrust of knowledge.
- Participants are restricted to 100 No's will be selected on first come first serve basis.

For Any Queries Contact:

Dr. M. Sreenivasa Kumar, Convenor,
Mobile No: 9440757039



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ABOUT THE COLLEGE

The Narasaraopeta Engineering College was established in the year 1998 by Gayatri Educational Development Society, Narasaraopet, under the leadership of Sri M.V.Koteswara Rao, who has a vision of developing this college as an autonomous institution of higher learning & knowledge in the heart of Palnadu region. The college is approved by AICTE, permanently affiliated to JNTUK Kakinada, Accredited 'A+' Grade by NAAC and Accredited four times by NBA. NEC accorded 'AUTONOMOUS' status since 2016.

NEC is ranked among top 300 engineering institutions in India rankings (NIRF 2022, 251-300 band) by Ministry of Education, Govt. of INDIA. Also NEC ranked as top 4th Private Engineering College in AP as per Times Engineering Institute Ranking Survey-2022. INDIA TODAY Ranked NEC as 178 among Private Engineering Colleges in INDIA. The college has approved research centres by JNTUK, Kakinada in CSE, ECE and Mechanical Engineering Depts. The college has launched Incubation Centre where the students can implement their ideas. NEC got approved for "NIDHI Technology Incubator" by Dept of Science & Technology, New Delhi.

The college has signed 37+ MoUs with reputed industries and International & National organizations like Red Hat Academy, Efftronics Systems Pvt. Ltd, Byte$_{XL}$, New Mexico State University (NMSU), New Mexico, USA, TiE Hyderabad, Edu Skills etc. The college offers Seven M.Tech programmes, Two PG courses of MCA, MBA and Ten courses at B.Tech level in the branches EEE, CSE, CSE(AI), CSE(AI&ML), CSE (DS), CSE(Cyber Security), IT, ECE, ME and CIVIL. The college has well equipped laboratories and computers. The college has well experienced and dedicated faculty out of which 72 faculty hold Doctorate Degrees while 78+ patents and 416+ Publications (over last five years), 36 Books were onto the credit of faculty. The college has AP CM's Excellence centre, AI Centre of Excellence & Deep Learning in association with BENNETT University, New Delhi. Also, the college has Indo-European skilling Centre for Mechatronics and Industrial Robotics in collaboration with APSSDC and ARC (Applied Robot Control), Germany. Dassault Systems Lab is established in association with APSSDC to provide access to the students on most advanced courses by industry giants. Narasaraopet is known as the gateway of Palnadu. Narasaraopet is District Head Quarters of newly formed PALNADU District and is on the railway line of Guntur to Guntakal. Narasaraopet is 50 Km from Guntur and 25 Km from Chilakaluripet (NH5) by road. Narasaraopet is 120 Km away from Vijayawada Airport. Kotappakonda is the site of major religious pilgrim place of Lord Siva which is located 5 Km from NEC.

One Week hands on FDP on

"SAR, OBE & NBA"

During
04th Dec - 08th Dec - 2023

Organized
By

Department of Mechanical Engineering

NARASARAOPETA
NEC ENGINEERING COLLEGE
(AUTONOMOUS)

Kotappakonda Road, Yellamanda (P.O)
Narasaraopet – 522601, Guntur District, A.P.

Approved by AICTE, permanently Affiliated to JNTU, Kakinada,
Accredited 'A' Grade by NAAC, Accredited Thrice by NBA,
Recognized R&D center by JNTUK,
ISO 9001:2015 Certified.

Phone : 08647-239923
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ABOUT THE DEPARTMENT

The Department of Mechanical Engineering was established in the year 2002 with an intake of 60 students. The department offers UG and PG programs. PG programs are being offered in specialization of Machine Design and Thermal Engineering. The UG program of the department is accredited thrice by AICTE-NBA. The department is recognized as research and development center by JNTUK, Kakinada. The department has excellent infrastructure like E class rooms, AC seminar hall and is well equipped with modern laboratories like Dassault systems and ARC laboratory. Department has equipment beyond curriculum like stir casting machine, 3D printer, Fatigue testing machine, Five gas analyzer, Ultrasonicator, Tool makers microscope, magnetic particle tester etc., The department faculty encourages the students to implement innovative ideas in their project works and R&D. Many of the faculty members are upgrading their skills by attending the FDP, conferences, seminars and workshops in innovative and thrust area technologies regularly. The department has highly qualified, experienced, dedicated faculty with industry and research background. The department has received funding from different agencies like UGC, AICTE towards MODOROBS, FDP etc. Department has RTA, Government of AP approved pollution test centre. Department frequently organizes guest lectures, industrial visits, workshops, training programs and provide internships for betterment of students.

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OBJECTIVES OF THE FDP

- To helps assess and compare every student's achievement records to decide their course of action in a new environment.
- To help understand the quality of technical education provided through different professional and technical programs in Indian institutes.
- To use various innovative teaching learning methods to improve student engagement and learning outcomes.

RESOURCE PERSONS:

- Dr. S.S.Pattnaik, Professor & Head, ssp@nitttrchd.ac.in
- Dr. Sunil Dutt, Professor, EMGT sunildut2002@yahoo.co.in
- Dr. Rakesh Wats, Professor, rakeshwats@yahoo.com
- Dr. Balwinder Singh Dhaliwal, Associate. Professor, balwindersdhaliwal@nitttrchd.ac.in
- Dr. Meenakshi Sood, Assoc. Professor, meenakshi@nitttrchd.ac.in
- Dr. Maitryee Dutta, Professor & Head maitreyee@nitttrchd.ac.in
- Dr. Garima Saini, Assistant Professor, garima@nitttrchd.ac.in
- Dr. Kamaldeep, Senior Production Assistant, kamaldeep@nitttrchd.ac.in

Guidelines:

- Certificate will be provided to all the participants, on successful completion of FDP.

Chief Patron

Sri M.S. Chakravarthi
B. Tech, MS (USA), Exec-MBA (ISB)
Vice - Chairman, NEC Group

Patrons

Sri M.V. Koteswara Rao B.Sc.,
Chairman, NEC Group

Sri M. Ramesh Babu
Secretary, NEC Group

Co-Patrons

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M. Tech, Ph. D (UK), M.I.S.T.E, FIE(I)
Principal

Dr. D. Suneel
M. Tech, Ph.D., FIE (I), MISTE, MRSI
Vice- principal

Dr. B. Venkata Siva
Professor, HOD, Dept. of Mechanical Engineering

Coordinator

Dr. M. Sreenivasa Kumar
M. Tech, Ph. D (UK), M.I.S.T.E, FIE(I)
Principal

Co-Coordinator

Dr. M Venkannababu
Associate Professor, Dept. of Mechanical Engineering

ORGANIZING COMMITTEE

Dr. D. Jagadish	Mr.V.Swamulu
Dr.M.Rama Kotaiah	Mr.T.Ashok Kumar
Dr. P. Suresh Babu	Mr. G.Bhargav
Mr.Y.Suvarna Kumar	Mrs.P.Sravani
Mr.Ch.Sekhar	Mr. M. Venkaiah
Mr.K.Kiran Chand	Mr. P.Srinivasa Rao
Mr.K.John Babu	Mr.A.Anka Rao
Mr.A.Pavan Kumar	Mr.M.Mothilal Naik
Mr.P.Kiran Kumar	Mr.P.Kiran Kumar
Mr. M.Srinivasa Rao	Mrs. D.Raghavendra

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Schedule

TIME TABLE

Pre-Training Activities:

Task 1: To go through the NBA manual available on the NBA Website: https://www.nbaind.org

Task 2: To appear for the quiz and complete it by 3rd December, 2023 (5:00 pm)

Training Activities (4th - 8th December, 2023)

Date/Day	9.30 to 11 am	11 to 11:15 am	11:15 am to 1 pm	1 to 2 pm	2 to 3:30 pm	3:30 to 3:45pm	3:45 to 5pm
04-12-2023 Monday	Registration, Inauguration and Preliminary Discussion (SSP)	TEA BREAK	SWOT and Academic Audit (RKW)	LUNCH	Video for MOOCs (MD)	TEA BREAK	Quiz and Discussion on Unambiguity (SSP & SN)
05-12-2023 Tuesday	POs, PSOs, Criterion-II (SSP)		Ethics and Values (RKW)		Criterion IV and V (GS)		Quiz and Discussion on Unambiguity (SSP & SN)
06-12-2023 Wednesday	Evaluation & Settin Question Paper (SD)		[illegible] of Effective Presentation (KD)		Outcome Based [illegible] (MS)		Quiz and Discussion on Unambiguity (SSP & SN)
07-12-2023 Thursday	POs-COs Mapping Correlation (BSD)		Criterion – III (SSP)		Task for CO & PO Attainment Calculation		Quiz and Discussion on Unambiguity (SSP & SN)
08-12-2023 Friday	Criterion VI to X (SSP)		Holistic Discussion on SAR and How to use Media for Improving Team Visit (SSP)		Open Discussion and Feedback (SSP & SN)		Valediction SSP, RKW & Team

SSP – Prof. S.S Patnaik
RKW- Prof. R.K Wats
BSD – Dr. Balwinder Singh Dhaliwal
MS- Dr. Meenakshi Sood
SD – Dr. Sunil Dutt
MD- Dr. Maitryee Dutta
GS- Dr. Garima Saini
SN- Dr.Suniti Dutt
KD- Dr. Kamaldeep

Course Coordinator: Prof. S.S Patnaik
Prof and Head
Dept. of Media Engg

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Attendance sheet

Attendance Sheet of Short Term Course
Title: SAR, OBE and NBA
O Plan no/ TAC no. MED – 15 & ICT-146
Duration/ Date: 4th to 8th December, 2023
Venue: NITTTR

Sr. No	Name, Full Address, (Email and Mobile no.)	SC/ST/OBC/ EWS/GENERAL		SIGNATURE				
				04.12.2023	05.12.2023	06.12.2023	07.12.2023	08.12.2023
1.	**A V NAGESWARARAO** Narasaraopeta Engineering College, Andhra Pradesh avnr424@nrtec.in, **9440664462**	GENERAL	FN					
			AN					
2.	**ABDUL KALAM SHAIK** Narasaraopeta Engineering College, Andhra Pradesh skabdulkalam079@gmail.com, **9440664462**	OBC	FN					
			AN					
3.	**ALURI RAMESH** Narasaraopeta Engineering College, Andhra Pradesh aluriramesh4@gmail.com, **9494901615**	SC	FN					
			AN					
4.	**B N V UDAYA LAKSHMI** Narasaraopeta Engineering College, Andhra Pradesh udayalakshmi2k6@gmail.com, **9502387955**	GENERAL	FN					
			AN					
5.	**BALAYOGA NARENDRA M** Narasaraopeta Engineering College, Andhra Pradesh mbn399@gmail.com, **9493945809**	GENERAL	FN					
			AN					

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				04.12.2023	05.12.2023	06.12.2023	07.12.2023	08.12.2023
6.	**BHUKYA BALOJI NAIK** Narasaraopeta Engineering College, Andhra Pradesh balaji.nb7@gmail.com, **9493014079**	ST	FN					
			AN					
7.	**BONTHA BABU RAO** Narasaraopeta Engineering College, Andhra Pradesh bonthababurao6@gmail.com, **7981921857**	SC	FN					
			AN					
8.	**CH RAJANI** Narasaraopeta Engineering College, Andhra Pradesh rajani.kadiyala@gmail.com, **9398201981**	GENERAL	FN					
			AN					
9.	**CHEERALA SRAVANKUMAR** Narasaraopeta Engineering College, Andhra Pradesh cheeralasravankumar@gmail.com, **7729840808**	OBC	FN					
			AN					
10.	**D SREEKANTH** Narasaraopeta Engineering College, Andhra Pradesh dsr3090@gmail.com, **9491915439**	GENERAL	FN					
			AN					

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				04.12.2023	05.12.2023	06.12.2023	07.12.2023	08.12.2023
11.	DR. MADA SREENIVASA KUMAR Narasaraopeta Engineering College, Andhra Pradesh msking2030@gmail.com, 9440757039	OBC	FN					
			AN					
12.	DR.K.PONNARI LAKSHMI Narasaraopeta Engineering College, Andhra Pradesh ponnari.nec@gmail.com, 9296805205	GENERAL	FN					
			AN					
13.	DR.V.V.A.S.LAKSHMI Narasaraopeta Engineering College, Andhra Pradesh vvaslakshmi@gmail.com, 9849122798	GENERAL	FN					
			AN					
14.	ELURI RAMA KRISHNA Narasaraopeta Engineering College, Andhra Pradesh rkeluri99@gmail.com, 9533022555	GENERAL	FN					
			AN					
15.	GALLA NAGARAJU Narasaraopeta Engineering College, Andhra Pradesh triny3242@gmail.com, 9908564424	SC	FN					
			AN					

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				04.12.2023	05.12.2023	06.12.2023	07.12.2023	08.12.2023
16.	**GUBBA NAVEEN** Narasaraopeta Engineering College, Andhra Pradesh gubbanaveen231@gmail.com, **9642059091**	GENERAL	FN					
			AN					
17.	**JAYABABU PAPAGANTI** Narasaraopeta Engineering College, Andhra Pradesh babujaya.009@gmail.com, **9985168688**	SC	FN					
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18.	**JHANSI VAZRAM BOLLA** Narasaraopeta Engineering College, Andhra Pradesh dr.jhansivazrambolla@gmail.com, **9494901615**	SC	FN					
			AN					
19.	**K.HARISCHANDRA PRASAD** Narasaraopeta Engineering College, Andhra Pradesh hariprasadmaths@gmail.com, **9849811004**	GENERAL	FN					
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20.	**KAMBHAMPATI SIREESHA** Narasaraopeta Engineering College, Andhra Pradesh sireeshak.cse7@gmail.com, **9000226978**	SC	FN					
			AN					

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21.	KUNDA SURESH BABU Narasaraopeta Engineering College, Andhra Pradesh sureshkunda546@gmail.com, 9052808385	GENERAL	FN					
			AN					
22.	M.NAGA SIREESHA Narasaraopeta Engineering College, Andhra Pradesh sireesha3030@gmail.com, 9963923419	GENERAL	FN					
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23.	MADAKA CHANDRA SEKHAR Narasaraopeta Engineering College, Andhra Pradesh chandrasekhar.eee@gmail.com, 9493927301	OBC	FN					
			AN					
24.	MAHABOOB SUBHANI SHAIK CH Narasaraopeta Engineering College, Andhra Pradesh skchmsubhani@nrtec.in, 9966786741	GENERAL	FN					
			AN					
25.	MODADUGU SAI YASWANTH Narasaraopeta Engineering College, Andhra Pradesh yaswanthsai225@gmail.com, 9030213285	GENERAL	FN					
			AN					

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Guntur (Dist.), A.P.

Attendance Sheet of Short Term Course
Title: SAR, OBE and NBA
O Plan no/ TAC no. MED – 15 & ICT-146
Duration/ Date: 4th to 8th December, 2023
Venue: NITTTR

Sr. No	Name, Full Address, (Email and Mobile no.)	SC/ST/OBC/ EWS/GENERAL		SIGNATURE				
				04.12.2023	05.12.2023	06.12.2023	07.12.2023	08.12.2023
26.	NALABOTHU SIVA RAMA KRISHNA Narasaraopeta Engineering College, Andhra Pradesh seetu1215@gmail.com, 9618547088	GENERAL	FN					
			AN					
27.	PANCHALA NAGANJANEYULU Narasaraopeta Engineering College, Andhra Pradesh pnnec22@gmail.com, 9177751817	OBC	FN					
			AN					
28.	PARAMATHMUNI MALLIKA Narasaraopeta Engineering College, Andhra Pradesh 801malli123@Gmail.com, 8639133316	GENERAL	FN					
			AN					
29.	PARUCHURI RAGHAVA RANI Narasaraopeta Engineering College, Andhra Pradesh raghavaranisai@gmail.com, 7989797119	GENERAL	FN					
			AN					
30.	PASUPULETI NAGALAKSHMI Narasaraopeta Engineering College, Andhra Pradesh pasupuletilakshmi.hi@gmail.com, 8125005047	GENERAL	FN					
			AN					

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Duration/ Date: 4th to 8th December, 2023
Venue: NITTTR

Sr. No	Name, Full Address, (Email and Mobile no.)	SC/ST/OBC/ EWS/GENERAL		SIGNATURE				
				04.12.2023	05.12.2023	06.12.2023	07.12.2023	08.12.2023
31.	POLAVARAPU NEELIMA Narasaraopeta Engineering College, Andhra Pradesh pneelima888@gmail.com, 9573144209	SC	FN					
			AN					
32.	PUTLURI BRAMARAMBA VATHI Narasaraopeta Engineering College, Andhra Pradesh bramara206eee@gmail.com, 8497975545	GENERAL	FN					
			AN					
33.	PUTTAMRAJU SRINIVASARAO Narasaraopeta Engineering College, Andhra Pradesh srinivasartec@gmail.com, 9951147494	GENRAL	FN					
			AN					
34.	RAMANAREDDY GUJJULA Narasaraopeta Engineering College, Andhra Pradesh gujjula.saibaba@gmail.com, 9440552362	GENERAL	FN					
			AN					
35.	S.SRINIVASARAO Narasaraopeta Engineering College, Andhra Pradesh rao.srinivas61@gmail.com, 9652932004	OBC	FN					
			AN					

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Attendance Sheet of Short Term Course
Title: SAR, OBE and NBA
O Plan no/ TAC no. MED – 15 & ICT-146
Duration/ Date: 4th to 8th December, 2023
Venue: NITTTR

Sr. No	Name, Full Address, (Email and Mobile no.)	SC/ST/OBC/ EWS/GENERAL		SIGNATURE				
				04.12.2023	05.12.2023	06.12.2023	07.12.2023	08.12.2023
36.	S.V.N.SRINIVASU Narasaraopeta Engineering College, Andhra Pradesh drsvnsrinivasu@gmail.com, 9849866902	GENERAL	FN					
			AN					
37.	SAMUEL JOHN G Narasaraopeta Engineering College, Andhra Pradesh john.solider@gmail.com, 9989079861	OBC	FN					
			AN					
38.	SK. NAZEER Narasaraopeta Engineering College, Andhra Pradesh nazeer955399@gmail.com, 9553995957	OBC	FN					
			AN					
39.	T G RAMNADH BABU Narasaraopeta Engineering College, Andhra Pradesh baburamnadh@nrtec.in, 6301971412	GENERAL	FN					
			AN					
40.	TINNAVALLI VENKATA MANOHAR Narasaraopeta Engineering College, Andhra Pradesh manucse1850@gmail.com, 9849142526	OBC	FN					
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Attendance Sheet of Short Term Course
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Sr. No	Name, Full Address, (Email and Mobile no.)	SC/ST/OBC/ EWS/GENERAL		SIGNATURE				
				04.12.2023	05.12.2023	06.12.2023	07.12.2023	08.12.2023
41.	UPPALA VIJAY KUMAR Narasaraopeta Engineering College, Andhra Pradesh cseassistantprofessor@gmail.com, 9030655562	OBC	FN					
			AN					
42.	VEERNAPU NAVATHI Narasaraopeta Engineering College, Andhra Pradesh navathiveernapu@gmail.com, 9390481918	SC	FN					
			AN					
43.	VENKANNABABU MENDI Narasaraopeta Engineering College, Andhra Pradesh venkannababu.mendi@gmail.com, 9985808908	GENERAL	FN					
			AN					
44.	Y.C.V.SAIDARAO Narasaraopeta Engineering College, Andhra Pradesh ysaidarao@gmail.com, 9396854123	GENERAL	FN					
			AN					

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Program Report

NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)

Department of Mechanical Engineering

Date: 11-12-2023

PROGRAMME REPORT

Name of the Programme : A one week Faculty Development Program on "SAR, OBE & NBA"

Dates : 04th – 08th December, 2023

Details of the Resource Persons :

Course Coordinator: Dr. S.S.Pattnaik, Professor & Head, ssp@nitttrchd.ac.in

Other Coordinators: Dr. Sunil Dutt, Professor, EMGT sunildut2002@yahoo.co.in

Dr. Rakesh Wats, Professor, rakeshwats@yahoo.com

Dr. Balwinder Singh Dhaliwal, Associate. Professor,balwindersdhaliwal@nitttrchd.ac.in

Dr. Meenakshi Sood, Assoc. Professor, meenakshi@nitttrchd.ac.in

Dr. Maitryee Dutta, Professor & Headmaitreyee@nitttrchd.ac.in

Dr. Garima Saini, Assistant Professor, garima@nitttrchd.ac.in

Dr. Kamaldeep, Senior Production Assistant, kamaldeep@nitttrchd.ac.in

OBJECTIVE OF THE PROGRAMME:

This FDP is specially designed for Engineering College Teachers and PG Students.

The course aims to achieve the following objectives:

- To helps assess and compare every student's achievement records to decide their course of action in a new environment.
- To help understand the quality of technical education provided through different professional and technical programs in Indian institutes.
- To use various innovative teaching learning methods to improve student engagement and learning outcomes.

Topic Covered:

- SAR, OBE & NBA - Concept, Objectives, Features, Types.
- Pedagogical Practices in the light of SAR, OBE & NBA.
- Writing Learning Outcomes
- Mapping Learning Outcomes with Test Items.

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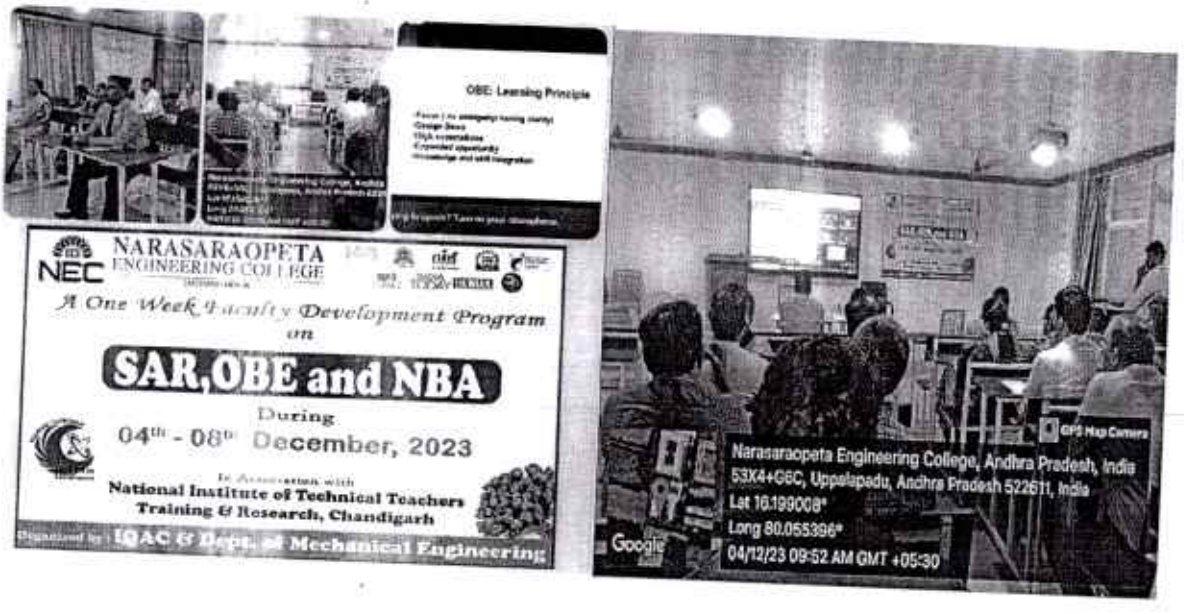
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- Developing Entrepreneurial Attributes.
- Industry Expectations from SAR, OBE & NBA
- ICT for Assessment and Evaluation
- Evaluation–Concept, Types & Techniques.
- Curriculum Design & Implementation.
- Writing Test Items – Supply and Selection Type.
- Student Centred Instructional Methods & Design of Rubrics.
- Evaluating Practical and Project Work

Outcome of the Programme:

- Understand the SAR, OBE & NBA: An Overview
- Writing Learning Outcomes
- Mapping Learning Outcomes with Test Items.
- Statements of observable student actions that serve as evidence of the Knowledge, Skills and Attitudes acquired in a course.
- Evaluation of Concept, Types & Techniques.
- Understand the Curriculum Design & Implementation.
- Understand the Student Centered Instructional Methods & Design of Rubrics.
  Evaluating Practical and Project Work

No. of Participants: 44



Coordinator

HOD-ME

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Press Note &Coverage

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Press Note 08.12.2023

ఎన్. ఈ. సీ లో NITTTR చండీగర్ సౌజన్యంతో "SAR, OBE and NBA" పై ముగిసిన అధ్యాపక శిక్షణా శిబిరం

స్థానిక నరసరావుపేట ఇంజనీరింగ్ కళాశాల ఇంటర్నల్ క్వాలిటీ అస్సురన్స్ సెల్ (IQAC) మరియు మెకానికల్ ఇంజనీరింగ్ విభాగం ఆధ్వర్యంలో నేషనల్ ఇన్స్టిట్యూట్ అఫ్ టెక్నికల్ టీచర్స్ ట్రైనింగ్ & రీసెర్చ్ (NITTTR) చండీగర్, అధ్యాపక బృందం పర్యవేక్షణలో "SAR, OBE and NBA" అనే అంశాలపై వారం రోజుల అధ్యాపక శిక్షణా శిబిరం ఈ రోజు న ముగిసిందని మెకానికల్ విభాగాధిపతి మరియు ఈ కార్యక్రమ సమన్వయకర్త డాక్టర్ బి.వేంకట శివ గారు తెలియజేశారు.

కళాశాల వైస్ పిన్సిపాల్ డాక్టర్ డి. సునీల్ గారు గారు మాట్లాడుతూ ఈ వారం రోజుల శిక్షణ శిబిరంలో సెల్ఫ్ అసెస్మెంట్ రిపోర్ట్స్ (Self-Assessment Reports - SAR), ఔట్ కం బేస్డ్ ఎడ్యుకేషన్ (Outcome-Based Education - OBE) మరియు నేషనల్ బోర్డు అఫ్ యాక్రిడి టేషన్ (National Board of Accreditation -NBA) యొక్క ముఖ్య ఉద్దేశ్యం మరియు లక్ష్యాలు, రైటింగ్ లెర్నింగ్ అవుట్ కమ్స్ (బ్లూమ్స్ టాక్సానమీ), మాపింగ్ లెర్నింగ్ అవుట్ కమ్స్, OBE ద్వారా విద్యార్థులకు, వ్యాపారవేత్త లకు మరియు ఇండస్ట్రీ ఎంప్లాయిస్ కి కలిగే విద్యా లాభాలు, ఎవాల్యూయేషన్ కాన్సెప్ట్, టైప్స్ & టెక్నిక్స్, స్టూడెంట్స్ కి ఉపయోగపడే ఇంస్ట్రుక్షనల్ మెథడ్స్ & డిజైన్ అఫ్ రూబ్రిక్స్, ఎవాల్యూయేటింగ్ ప్రాక్టికల్ అండ్ ప్రాజెక్ట్ వర్క్ మొదలగు అంశాలపై అధ్యాపకులకు శిక్షణను ఇచ్చారన్నారు.

ఈ సందర్భంగా కళాశాల పిన్సిపాల్ డాక్టర్ యమ్. శ్రీనివాస కుమార్ గారు మాట్లాడుతూ ఈ OBE అనేది ఫలితాల ఆధారిత విద్య అని, విద్యార్థి యొక్క విద్య, పనితీరు మరియు ఆ విద్య ను అర్థం చేసుకొనే మార్గాలు, తద్వారా వచ్చే ఫలితాలను బేరీజు వేసి, సరి చేసే ఒక కోర్స్ అని అన్నారు. దీనిని అర్థం చేసుకోవడం ద్వారా విద్యార్థులు వారి యొక్క రోజువారీ ఎడ్యుకేషన్ మీద ఎక్కువగా దృష్టి పెట్టడం కుదురుతుందని, తద్వారా వారి యొక్క విద్యార్థి మరియు వ్యక్తిగత జీవితాలలో అనుకొన్న లక్ష్యాలను నెరవేర్చుకొంటారని అన్నారు.

కళాశాల వైస్ చైర్మన్ శ్రీ మిట్టపల్లి చక్రవర్తి గారు మాట్లాడుతూ ఇది ఒక అనువైన, సాధికారత విధానమని విద్యార్థులు దీనిని ఒక పద్ధతిగా అభ్యసించడం ద్వారా వారి చదువు ముగిసిన తర్వాత కూడా మంచి ఫలితాలను పొందుతారని అన్నారు.

కళాశాల సెక్రటరీ శ్రీ మిట్టపల్లి రమేష్ బాబు గారు మాట్లాడుతూ ప్రతి ఉపాధ్యాయుడు నిరంతర విద్యార్థిగా ఇటువంటి అంశాలపై పట్టు సాధించినప్పుడే కళాశాలలు మరింత పురోగతిని సాధిస్తాయని అన్నారు.

కళాశాల చైర్మన్ శ్రీ మిట్టపల్లి వెంకట కోటేశ్వరరావు గారు NITTTR చండీగర్ అధ్యాపక బృందాన్ని మరియు ఈ కార్యక్రమ నిర్వాహకులను అభినందించారు.

Dr. B.Venkata Siva
Head – Mechanical Eng. Dept., NEC
Cell: 9692464540

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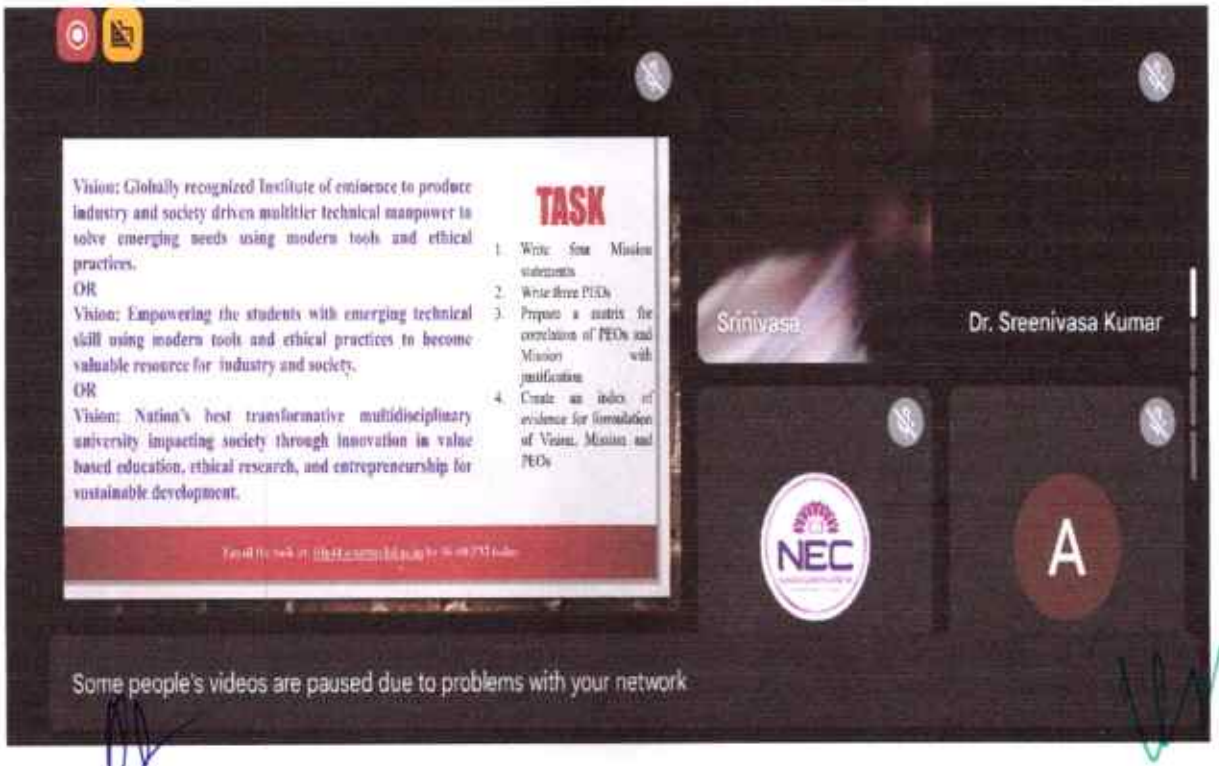




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Certificate



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VENKANNABABU MENDI

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Participated in the AICTE Recognized Faculty Development Programme

on

SAR,OBE and NBA

Conducted by

Media Engineering Department

from

04/12/2023 to 08/12/2023 (One Week)

at

Narasaraopeta Engineering College, Andhra Pradesh

CHANDIGARH

Coordinator

Director

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Coordinator

Director

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at

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at

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Director

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Guntur (Dist.), A.P.

Certificate No: ICT-17480/24

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DR.V.V.A.S.LAKSHMI

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Participated in the AICTE Recognized Faculty Development Programme

on

SAR,OBE and NBA

Conducted by

Media Engineering Department

from

04/12/2023 to 08/12/2023 (One Week)

at

Narasaraopeta Engineering College, Andhra Pradesh

NATIONAL INSTITUTE OF TECHNICAL TEACHERS TRAINING & RESEARCH CHANDIGARH

Coordinator

Director

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(AUTONOMOUS)
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Guntur (Dist.), A.P.

IQAC

Certificate No: ICT-17478/24

National Institute of Technical Teachers Training and Research Chandigarh

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA

Certificate



This is to certify that

GALLA NAGARAJU

NARASARAOPET ENGINEERING COLLEGE, NARASARAOPET ANDHRA PRADESH

Participated in the AICTE Recognized Faculty Development Programme

on

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CHANDIGARH

Coordinator

Director

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Certificate No: ICT-17486/24

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CHANDIGARH

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One week Faculty Development Program on "Outcome Based Education"

NEC

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Circular

NARASARAOPETA
NEC ENGINEERING COLLEGE
(AUTONOMOUS)
(Approved by AICTE, Affiliated to JNTUK, Kakinada, Accredited by NAAC, RTA Approved Pollution test Centre, ISO 9001: 2008 Certified Institution)
Kotappakonda Road, Yellamanda (Post), Narasaraopet – 522601, Guntur district, Andhra Pradesh
Phone No. : 08647-239904, Fax No. : 08647-239902
E-mail: principal@nrtec.in Website: http://www.nrtec.in
DEPARTMENT OF MECHANICAL ENGINEERING

Date: 13-11-2023

CIRCULAR

Department of Mechanical Engineering is organizing A One Week Faculty Development Programme on **"OUTCOME BASED EDUCATION"** in association with **NITTTR Chandigarh** from **20/11/2023 to 24/11/2023.** for Faculty. Request all the faculty members are to attend.

Program Convenor: Dr. B. Venkata Siva (9692464540)
Dr. M. Venkanna Babu (9985808908)

IQAC HOD PRINCIPAL

Copy to:

1. Chairman for Favour of Information
2. Principal
3. AO for Necessary arrangements
4. Department Notice Boards
5. Circulation to all Staff Members
6. All HOD's

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Brochure

Course Content:

- Outcome Based Education-Concept, Objectives, Features, Types.
- Pedagogical Practices in the light of OBE.
- Writing Learning Outcomes
- Mapping Learning Outcomes with Test Items.
- Developing Entrepreneurial Attributes.
- Industry Expectations from OBE
- ICT for Assessment and Evaluation
- Evaluation–Concept, Types & Techniques.
- Curriculum Design & Implementation.
- Writing Test Items – Supply and Selection Type.
- Student Centred Instructional Methods & Design of Rubrics.
- Evaluating Practical and Project Work

Registration:

- UG/PG students in Engineering and Applied Sciences.
- Any Faculty/Student in thrust of knowledge.
- Participants are restricted to 100 No's will be selected on first come first serve basis.

For Any Queries Contact:

Dr. M. Venkannababu, Convenor,
Mobile No: 9985808908



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ABOUT THE COLLEGE

The Narasaraopeta Engineering College was established in the year 1998 by Gayatri Educational Development Society, Narasaraopet, under the leadership of Sri M.V.Koteswara Rao, who has a vision of developing this college as an autonomous institution of higher learning & knowledge in the heart of Palnadu region. The college is approved by AICTE, permanently affiliated to JNTUK Kakinada, Accredited 'A+' Grade by NAAC and Accredited four times by NBA. NEC accorded 'AUTONOMOUS' status since 2016.

NEC is ranked among top 300 engineering institutions in India rankings (NIRF 2022, 251-300 band) by Ministry of Education, Govt. of INDIA. Also NEC ranked as top 4th Private Engineering College in AP as per Times Engineering Institute Ranking Survey-2022. INDIA TODAY Ranked NEC as 178 among Private Engineering Colleges in INDIA. The college has approved research centres by JNTUK, Kakinada in CSE, ECE and Mechanical Engineering Depts. The college has launched Incubation Centre where the students can implement their ideas. NEC got approved for "NIDHI Technology Incubator" by Dept of Science & Technology, New Delhi.

The college has signed 37+ MoUs with reputed industries and International & National organizations like Red Hat Academy, Efftronics Systems Pvt. Ltd, Byte$_{XL}$, New Mexico State University (NMSU), New Mexico, USA, TiE Hyderabad, Edu Skills etc. The college offers Seven M.Tech programmes, Two PG courses of MCA, MBA and Ten courses at B.Tech level in the branches EEE, CSE, CSE(AI), CSE(AI&ML), CSE (DS), CSE(Cyber Security), IT, ECE, ME and CIVIL. The college has well equipped laboratories and computers. The college has well experienced and dedicated faculty out of which 72 faculty hold Doctorate Degrees while 78+ patents and 416+ Publications (over last five years), 36 Books were onto the credit of faculty. The college has AP CM's Excellence centre, AI Centre of Excellence & Deep Learning in association with BENNETT University, New Delhi. Also, the college has Indo-European skilling Centre for Mechatronics and Industrial Robotics in collaboration with APSSDC and ARC (Applied Robot Control), Germany. Dassault Systems Lab is established in association with APSSDC to provide access to the students on most advanced courses by industry giants. Narasaraopet is known as the gateway of Palnadu. Narasaraopet is District Head Quarters of newly formed PALNADU District and is on the railway line of Guntur to Guntakal. Narasaraopet is 50 Km from Guntur and 25 Km from Chilakaluripet (NH5) by road. Narasaraopet is 120 Km away from Vijayawada Airport. Kotappakonda is the site of major religious pilgrim place of Lord Siva which is located 5 Km from NEC.

One Week hands on FDP on

"OUTCOME BASED EDUCATION"

During
20th Nov - 24th Nov - 2023

Organized
By

Department of Mechanical Engineering

NARASARAOPETA
NEC ENGINEERING COLLEGE
(AUTONOMOUS)

Kotappakonda Road, Yellamanda (P.O)
Narasaraopet – 522601, Guntur District, A.P.
Approved by AICTE, permanently Affiliated to JNTU, Kakinada,
Accredited 'A' Grade by NAAC, Accredited Thrice by NBA,
Recognized R&D center by JNTUK,
ISO 9001:2015 Certified.

Phone : 08647-239923
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E-Mail : mechhod@nrtec.in

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NARASARAOPET
Guntur (Dist.)

ABOUT THE DEPARTMENT

The Department of Mechanical Engineering was established in the year 2002 with an intake of 60 students. The department offers UG and PG programs. PG programs are being offered in specialization of Machine Design and Thermal Engineering. The UG program of the department is accredited twice by AICTE-NBA. The department is recognized as research and development center by JNTUK, Kakinada. The department has excellent infrastructure like E class rooms, AC seminar hall and is well equipped with modern laboratories like Dassault systems and ARC laboratory. Department has equipment beyond curriculum like stir casting machine, 3D printer, Fatigue testing machine, Five gas analyzer, Ultrasonicator, Tool makers microscope, magnetic particle tester etc., The department faculty encourages the students to implement innovative ideas in their project works and R&D. Many of the faculty members are upgrading their skills by attending the FDP, conferences, seminars and workshops in innovative and thrust area technologies regularly. The department has highly qualified, experienced, dedicated faculty with industry and research background. The department has received funding from different agencies like UGC, AICTE towards MODOROBS, FDP etc. Department has RTA, Government of AP approved pollution test centre. Department frequently organizes guest lectures, industrial visits, workshops, training programs and provide internships for betterment of students.

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OBJECTIVES OF THE FDP

- To create awareness among faculty members about Outcome Based Education System and institutionalizing of NEP research based guidelines.
- To help understand the philosophy and implementation of OBE in teaching-learning system and assessment of students.
- To use various innovative teaching learning methods to improve student engagement and learning outcomes.

RESOURCE PERSONS:

- Dr. Sunil Dutt, Professor, EMGT sunildut2002@yahoo.co.in
- Dr. AB Gupta, Professor, abgupta@nitttrchd.ac.in
- Dr. RK Wats, Professor, rakeshwats@nitttrchd.ac.in
- Er. PK Singla, Associate Professor pksingla@nitttrchd.ac.in
- Dr. Harsh Vardhan Samalia, Assoc. Professor, harsh.nitttr@gmail.com
- Dr. Ritula Thakur, Associate Professor ritula@nitttrchd.ac.in
- Er. Amandeep Kaur, Assistant Professor, amandeep@nitttrchd.ac.in
- Dr. Kuldeep Kaur, Professor, drkuldeepkaur@pu.ac.in
- Mr. Gaurav, Director, Magma Research and Consultancy Services, Ambala Cantt. kumargaurav.in@gmail.com

Guidelines:

- Certificate will be provided to all the participants, on successful completion of FDP.

Chief Patron

Sri M.S. Chakravarthi
B. Tech, MS (USA), Exec-MBA (ISB)
Vice - Chairman, NEC Group

Patrons

Sri M.V. Koteswara Rao B.Sc.,
Chairman, NEC Group

Sri M. Ramesh Babu
Secretary, NEC Group

Co-Patrons

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M. Tech, Ph. D (UK), M.I.S.T.E, FIE(I)
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Dr. D. Suneel
M. Tech, Ph.D., FIE (I), MISTE, MRSI
Vice- principal

Dr. B. Venkata Siva
Professor, HOD, Dept. of Mechanical Engineering

Convener

Dr. M Venkannababu
Associate Professor, Dept. of Mechanical Engineering

ORGANIZING COMMITTEE

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Dr.M.Rama Kotaiah
Dr. P. Suresh Babu
Dr.M.Venkanna Babu
Mr.Ch.Sekhar
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Schedule

NATIONAL INSTITUTE OF TECHNICAL TEACHERS TRAINING & RESEARCH,
SECTOR 26, CHANDIGARH

Department of Education and Educational Management

An Online Short Term Course **'Outcome Based Education'**
for teachers of Technical Institutions

from 20 – 24 November, 2023 at NITTTR, Chandigarh

OPlan No. ICT-113

PROGRAMME

Day/Date	Session-I (10.00 – 11.15AM)	Session-II (11.30AM – 12.45PM)	Session- III (2.30 – 4.00PM)	Session-IV (04.00 – 04.30PM)
Monday 20.11.2023	Introduction to the Short Term Course BRG/SD	TP1: Outcome Based Education-Concept, Objectives, Features, Types RKW	TP2: Pedagogical Practices in the light of OBE Expert (Dr. Kuldeep Kaur)	Discussion/ Feedback SD
Tuesday 21.11.2023	TP3: Writing Learning Outcomes (Bloom's Taxonomy) SD	Task: TP 3 SD	TP4: Mapping Learning Outcomes with Test Items RT	Discussion/ Feedback AK
Wednesday 22.11.2023	TP5: Developing Entrepreneurial Attributes as per OBE HVS	TP6: Industry Expectations from OBE Expert (Dr. Gaurav)	TP7: ICT for Assessment and Evaluation (Dr. Gaurav)	Discussion/ Feedback AK
Thursday 23.11.2023	TP8: Evaluation – Concept, Types & Techniques SD	TP9: Curriculum Design & Implementation for OBE ABG	TP10: Writing Test Items – Supply and Selection Type AK	Discussion/ Feedback AK
Friday 24.11.2023	TP11: Student Centred Instructional Methods & Design of Rubrics AK	TP12: Evaluating Practical and Project Work PKS	Course Quiz and Course Evaluation BRG/SD	

Course Coordinators: **Dr. Sunil Dutt,** Professor, EMGT (sunildut2002@yahoo.co.in)

Other Experts (from Institute): **Dr. AB Gupta,** Professor, abgupta@nitttrchd.ac.in
Dr. RK Wats, Professor, rakeshkwats@gmail.com; rakeshwats@nitttrchd.ac.in
Er. PK Singla, Associate Professor (pksingla@gmail.com; pk_singla@yahoo.com; pksingla@nitttrchd.ac.in);
Dr. Harsh Vardhan Samalia, Associate Professor, harsh.nitttr@gmail.com
Dr. Ritula Thakur, Associate Professor (ritula@nitttrchd.ac.in)
Er. Amandeep Kaur, Assistant Professor, EMGT; amandeep@nitttrchd.ac.in

Other Experts: **Dr. Kuldeep Kaur, Professor,** Education, PU, Chandigarh; drkuldeepkaur@pu.ac.in; drkuldeep11kaur@gmail.com
Mr. Gaurav, Director, Magma Research and Consultancy Services, Ambala Cantt. (kumargaurav.in@gmail.com)

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ENGINEERING COLLEGE
(AUTONOMOUS)

Attendance sheet

NATIONAL INSTITUTE OF TECHNICAL TEACHERS TRAINING & RESEARCH

SECTOR 26, CHANDIGARH – 160 019

Faculty Development Programme on '**Outcome Based Education**' from 20 – 24 November, 2023 at
Narasaraopeta Engineering College, Narasaraopet, Guntur (organized by NITTTR, Chandigarh) (ICT-113)

ATTENDANCE SHEET

S. No.	Name, Designation and Official address (in Block Letters) Mr./Ms.	Mobile No. and e-mail ID	Signatures				
			20.11.2023	21.11.2023	22.11.2023	23.11.2023	24.11.2023
1	Mr.DONTHAMSETTY SUNEEL, PROFESSOR, Narasaraopeta Engineering College, Narasaraopet, Guntur (AP)	9441805535 suneeldonthamsetty@gmail.com					
2	Mr.DR B VENKATA SIVA, PROFESSOR, Narasaraopeta Engineering College, Narasaraopet, Guntur (AP)	9692463430 venkatasivabv@gmail.com					
3	Mr.JAGADISH DONEPUDI, PROFESSOR, Narasaraopeta Engineering College, Narasaraopet, Guntur (AP)	7093421380 djagadish@[illegible]gmail.com					
4	Mr.PENUGONDA SURESH BABU, ASSOCIATE PROFESSOR, Narasaraopeta Engineering College, Narasaraopet, Guntur (AP)	8500857900 [illegible]@gmail.com					
5	Mr.VENKANNABABU MUNDU, ASSOCIATE PROFESSOR, Narasaraopeta Engineering College, Narasaraopet, Guntur (AP)	9985[illegible] venkannababu[illegible]@gmail.com					
6	Mr. PATHURI SRINIVASARAO, ASSISTANT PROFESSOR, Narasaraopeta Engineering College, Narasaraopet, Guntur (AP)	9849841040 pathurisrinivasaraomtech@gmail.com					
7	Mr.VENKAIAH MANDULA, ASST PROFESSOR, Narasaraopeta Engineering College, Narasaraopet, Guntur (AP)	9966858269 venkat.mandula504@gmail.com					
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9	Ms.PILLI SRAVANI, ASSISTANT PROFESSOR, Narasaraopeta Engineering College, Narasaraopet, Guntur (AP)	8008310265 sravanisravz304@gmail.com					
10	Ms.DANTHAM RAGHAVENDRA, ASSISTANT PROFESSOR, Narasaraopeta Engineering College, Narasaraopet, Guntur (AP)	9502582263 raghavi328@gmail.com					
11	Mr.THELLA ASHOK KUMAR, ASSISTANT PROFESSOR, Narasaraopeta Engineering College, Narasaraopet, Guntur (AP)	8885222328 ashokmamlec@gmail.com					
12	Mr.KIRAN CHAND KOPILA, ASISTANT PROFESSOR, Narasaraopeta Engineering College, Narasaraopet, Guntur (AP)	9966890662 kkchand415@gmail.com					
13	Mr.KANDRU JOHN BABU, ASISTANT PROFESSOR, Narasaraopeta Engineering College, Narasaraopet, Guntur (AP)	9502119613 kandrujohn@gmail.com					
14	Mr.ARIGELA PAVAN KUMAR, ASSISTANT PROFESSOR, Narasaraopeta Engineering College, Narasaraopet, Guntur (AP)	9533991400 sunnydasari.001@gmail.com					
15	Mr.AMBATI ANKARAO, ASSISTANT PROFESSOR, Narasaraopeta Engineering College, Narasaraopet, Guntur (AP)	9948753173 ambatiankarao87@gmail.com					
16	Mr.VULLERU SWAMULU, ASSISTANT PROFESSOR, Narasaraopeta Engineering College, Narasaraopet, Guntur (AP)	9505686864 swamulu619@gmail.com					
17	Mr.MEGHAVATHU MOTHILAL NAIK, ASSISTANT PROFESSOR, Narasaraopeta Engineering College, Narasaraopet, Guntur (AP)	8977119366 swamimothi@gmail.com					
18	DR P NAGA SOWJANYA, ASSOCIATE PROFESSOR, Narasaraopeta Engineering College, Narasaraopet, Guntur (AP)	8897170424 sowjy291015@gmail.com					

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20	DR.R.MOHANA RAMANA, ASSOCIATE PROFESSOR, Narasaraopeta Engineering College, Narasaraopet, Guntur (AP)	9492075546 mohanaramanacrypto@gmail.com					
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26	Ms.T.INDIRA, ASSISTANT PROFESSOR, Narasaraopeta Engineering College, Narasaraopet, Guntur (AP)	9959436742 Indiranec03@gmail.com					
27	DR KOLLURI RAJU, PROFESSOR, Narasaraopeta Engineering College, Narasaraopet, Guntur (AP)	9493451237 raju.kolluri@gmail.com					

Dy V. Venkata Siva
local coordinator

Professor & Head
Dept. of Mechanical Engineering
NARASARAOPETA ENGINEERING COLLEGE
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Program Report

NEC NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)

Department of Mechanical Engineering

Date: 25-11-2023

PROGRAMME REPORT

Name of the Programme : A one week Faculty Development Program on "OUTCOME BASED EDUCATION"

Dates : **20th – 24th November, 2023**

Details of the Resource Persons :

Course Coordinators: **Dr. Sunil Dutt,** Professor, EMGT, sunildut2002@yahoo.co.in

Other Experts:

Dr. AB Gupta, Professor, abgupta@nitttrchd.ac.in

Dr. RK Wats, Professor, rakeshwats@nitttrchd.ac.in

Er. PK Singla, Associate Professor, pksingla@nitttrchd.ac.in

Dr. Harsh Vardhan Samalia, Associate Professor, harsh.nitttr@gmail.com

Dr. Ritula Thakur, Associate Professor, ritula@nitttrchd.ac.in

Er. Amandeep Kaur, Assistant Professor, EMGT; amandeep@nitttrchd.ac.in

Dr. Kuldeep Kaur, Professor, Education, PU, drkuldeepkaur@pu.ac.in

Mr. Gaurav, Director, MR&CS, Ambala Cantt, kumargaurav.in@gmail.com

OBJECTIVE OF THE PROGRAMME:

This FDP is specially designed for Engineering College Teachers and PG Students.

The course aims to achieve the following objectives:

- To create awareness among faculty members about Outcome Based Education System and institutionalizing of NEP research based guidelines.
- To help understand the philosophy and implementation of OBE in teaching-learning system and assessment of students.
- To use various innovative teaching learning methods to improve student engagement and learning outcomes.

Topic Covered:

- Outcome Based Education-Concept, Objectives, Features, Types.
- Pedagogical Practices in the light of OBE.
- Writing Learning Outcomes
- Mapping Learning Outcomes with Test Items.

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- Developing Entrepreneurial Attributes.
- Industry Expectations from OBE
- ICT for Assessment and Evaluation
- Evaluation–Concept, Types & Techniques.
- Curriculum Design & Implementation.
- Writing Test Items – Supply and Selection Type.
- Student Centered Instructional Methods & Design of Rubrics.
- Evaluating Practical and Project Work

Outcome of the Programme:

- Understand the Outcome Based Education: An Overview
- Writing Learning Outcomes
- Mapping Learning Outcomes with Test Items.
- Developing Entrepreneurial Attributes.
- Evaluation of Concept, Types & Techniques.
- Understand the Curriculum Design & Implementation.
- Understand the Student Centered Instructional Methods & Design of Rubrics.
  Evaluating Practical and Project Work

No. of Participants: 27



Coordinator

HOD-ME

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Press Note &Coverage

NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)
Kotappakonda Road, Yellamanda (P.O), NARASARAOPET-522 601, Palnadu Dist., A.P.
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Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK, Kakinada. Code : 47, NIRF Ranking 251 - 300 Band
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08647-239904 Visit us at : www.nrtec.in e-mail : principal@nrtec.in

Press Note 24.11.2023

ఎన్. ఈ. సీ లో NITTTR చండీగర్ సౌజన్యంతో "ఔట్ కం బేస్డ్ ఎడ్యుకేషన్" పై ముగిసిన అధ్యాపక శిక్షణా శిబిరం

స్థానిక నరసరావుపేట ఇంజనీరింగ్ కళాశాల ఇంటర్నల్ క్వాలిటీ అస్సురన్స్ సెల్ (IQAC) మరియు మెకానికల్ ఇంజనీరింగ్ విభాగం ఆధ్వర్యంలో నేషనల్ ఇన్స్టిట్యూట్ అఫ్ టెక్నికల్ టీచర్స్ ట్రైనింగ్ & రీసెర్చ్ (NITTTR) చండీగర్, అధ్యాపక బృందం పర్యవేక్షణలో "ఔట్ కం బేస్డ్ ఎడ్యుకేషన్ - ఫలితాల ఆధారిత విద్య (OUTCOME BASED EDUCATION - OBE)" అనే అంశంపై వారం రోజుల అధ్యాపక శిక్షణా శిబిరం ఈ రోజు న ముగిసిందని మెకానికల్ విభాగాధిపతి మరియు ఈ కార్యక్రమ సమన్వయకర్త డాక్టర్ బి.వేంకట శివ గారు తెలియజేశారు.

కళాశాల వైస్ పిన్సిపాల్ డాక్టర్ డి. సునీల్ గారు గారు మాట్లాడుతూ ఈ వారం రోజుల శిక్షణ శిబిరంలో ఔట్ కం బేస్డ్ ఎడ్యుకేషన్ యొక్క ముఖ్య ఉద్దేశ్యం మరియు లక్ష్యాలు, రైటింగ్ లెర్నింగ్ అవుట్ కమ్స్ (బ్లూమ్స్ టాక్సానమీ), మాపింగ్ లెర్నింగ్ అవుట్ కమ్స్, OBE ద్వారా విద్యార్థులకు, వ్యాపారవేత్త లకు మరియు ఇండస్ట్రీ ఎంప్లాయిస్ కి కలిగే విద్యా లాభాలు, ఎవాల్యూయేషన్ కాన్సెప్ట్, టైప్స్ & టెక్నిక్స్, స్టూడెంట్స్ కి ఉపయోగపడే ఇంస్ట్రక్షనల్ మెథడ్స్ & డిజైన్ అఫ్ రూబ్రిక్స్, ఎవాల్యూయేటింగ్ ప్రాక్టికల్ అండ్ ప్రాజెక్ట్ వర్క్ మొదలగు అంశాలపై అధ్యాపకులకు శిక్షణను ఇచ్చారన్నారు.

ఈ సందర్భంగా కళాశాల పిన్సిపాల్ డాక్టర్ యమ్. శ్రీనివాస కుమార్ గారు మాట్లాడుతూ ఈ OBE అనేది ఫలితాల ఆధారిత విద్య అని, విద్యార్థి యొక్క విద్య, పనితీరు మరియు ఆ విద్య ను అర్థం చేసుకొనే మార్గాలు, తద్వారా వచ్చే ఫలితాలను బేరీజు వేసి, సరి చేసే ఒక కోర్స్ అని అన్నారు. దీనిని అర్థం చేసుకోవడం ద్వారా విద్యార్థులు వారి యొక్క రోజువారీ ఎడ్యుకేషన్ మీద ఎక్కువగా దృష్టి పెట్టడం కుదురుతుందని, తద్వారా వారి యొక్క విద్యార్థి మరియు వ్యక్తిగత జీవితాలలో అనుకొన్న లక్ష్యాలను నెరవేర్చుకొంటారని అన్నారు.

కళాశాల వైస్ చైర్మన్ శ్రీ మిట్టపల్లి చక్రవర్తి గారు మాట్లాడుతూ ఇది ఒక అనువైన, సాదికారత విధానమని విద్యార్థులు దీనిని ఒక పద్ధతిగా అభ్యసించడం ద్వారా వారి చదువు ముగిసిన తర్వాత కూడా మంచి ఫలితాలను పొందుతారని అన్నారు.

కళాశాల సెక్రటరీ శ్రీ మిట్టపల్లి రమేష్ బాబు గారు మాట్లాడుతూ ప్రతి ఉపాధ్యాయుడు నిరంతర విద్యార్థిగా ఇటువంటి అంశాలపై పట్టు సాధించినప్పుడే కళాశాలలు మరింత పురోగతిని సాధిస్తాయని అన్నారు.

కళాశాల చైర్మన్ శ్రీ మిట్టపల్లి వెంకట కోటేశ్వరరావు గారు NITTTR చండీగర్ అధ్యాపక బృందాన్ని మరియు ఈ కార్యక్రమ నిర్వాహకులను అభినందించారు.

Dr. B.Venkata Siva
Head – Mechanical Eng. Dept., NEC
Cell: 9692464540

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Sample Certificates

Certificate No: ICT-16069/23

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MINISTRY OF EDUCATION, GOVERNMENT OF INDIA

Certificate



This is to certify that

DONTHAMSETTY SUNEEL

NARASARAOPETA ENGINEERING COLLEGE, NARASARAOPET ANDHRA PRADESH

Participated in the AICTE Recognized Faculty Development Programme

on

Outcome Based Education

Conducted by

Education and Educational Management Department

from

20/11/2023 to 24/11/2023 (One Week)

at

Narasaraopeta Engineering College, Narasaraopet, Guntur (AP)

Sunil Dutt

Coordinator

Director

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Certificate No: ICT-16062/23

National Institute of Technical Teachers Training and Research Chandigarh

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA

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Participated in the AICTE Recognized Faculty Development Programme

on

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Education and Educational Management Department

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at

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Sunil Dutt

Coordinator

Director

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Guntur (Dist.), A.P.

Certificate No: ICT-16055/23

National Institute of Technical Teachers Training and Research Chandigarh

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PENUGONDA SURESH BABU

NARASARAOPETA ENGINEERING COLLEGE, NARASARAOPET ANDHRA PRADESH

Participated in the AICTE Recognized Faculty Development Programme

on

Outcome Based Education

Conducted by

Education and Educational Management Department

from

20/11/2023 to 24/11/2023 (One Week)

at

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CHANDIGARH

Sunil Dutt

Coordinator

Director

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Certificate No: ICT-16048/23

National Institute of Technical Teachers Training and Research Chandigarh

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA

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Participated in the AICTE Recognized Faculty Development Programme

on

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Conducted by

Education and Educational Management Department

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at

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CHANDIGARH

Coordinator

Director

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Certificate No: ICT-16053/23

National Institute of Technical Teachers Training and Research Chandigarh

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This is to certify that

SEKHAR CHINTHAMREDDY

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ANDHRA PRADESH

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CHANDIGARH

Sunil Dutt
Coordinator

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Guntur (Dist.), A.P.

Certificate No: ICT-16054/23

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This is to certify that

PILLI SRAVANI

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Certificate No: ICT-16070/23

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ANDHRA PRADESH

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at

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Sunil Dutt

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One Week Faculty Development Program on Cyber Security

NEC

NARASARAOPETA ENGINEERING COLLEGE

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Circular

NARASARAOPETA
NEC ENGINEERING COLLEGE
(AUTONOMOUS)

(Approved by AICTE,Affiliated to JNTUK, Kakinada, Accredited by NAAC A+, RTA Approved Pollution test Centre, ISO 9001: 2015 Certified Institution)
Kotappakonda Road, Yellamanda (Post), Narasaraopet – 522601, Palnadu district, Andhra Pradesh
Phone No. : 08647-239904, Fax No. : 08647-239902
E-mail: principal@nrtec.in Website: http://www.nrtec.in

DEPARTMENT OF INFORMATION TECHNOLOGY

Date: 17-11-2023

CIRCULAR

All the Teaching Staff Members are here by informed that the Department of Information Technology is going to organize One week Faculty Development Program On **"CYBER SECURITY"** during 20th - 25th November, 2023 . All the registered Teaching Staff are requested to attend the program without fail.

Timings : 9.30 AM to 12.30 PM & 1.30 PM to 4.00 PM.
Venue : Computer Lab (2304), Block-2, Narasaraopeta Engineering College.

Coordinator : U.Vijay Kumar
Asst.Professor in IT Dept.

IQAC HOD PRINCIPAL

Copy to:

1. Chairman for Favor of Information
2. Principal
3. AO for Necessary arrangements
4. Department Notice Boards
5. Circulation to all Staff Members
6. All HOD's

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NARASARAOPETA ENGINEERING COLLEGE

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Brochure

Course Content:

Day 1: Footprinting and Reconnaissance

Day 2 and 3: Penetration Testing and Ethical Hacking

Day 4 and 5 : Advanced Penetration Testing

Day 6: CTF Challenges

Upon completing the Workshop, participants will:

- Understand how to update defense strategies in response to evolving cyber threats.
- Learn effective defenses against ransomware.
- Implement network architectures that enhance security, including VLANs, NAC, and IEEE 802.1X, guided by advanced threat indicators.

Resource Persons:

G.V.Subba Reddy
Sr.Tech.Architect
visritsolutions@gmail.com
VSRIT Solutions Pvt. Ltd.
Hyderabad

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ABOUT THE COLLEGE

The Narasaraopeta Engineering College was established in the year 1998 by Gayatri Educational Development Society, Narasaraopet, under the leadership of Sri M.V.Koteswara Rao, who has a vision of developing this college as an autonomous institution of higher learning & knowledge in the heart of Palnadu Region. The college is approved by AICTE, permanently affiliated to JNTUK Kakinada, Accredited 'A+' Grade by NAAC, Accredited thrice by NBA and ISO 9001: 2008 certified. The college has three recognized R&D centers by JNTUK. NEC is conferred as 'AUTONOMOUS' in the year 2016. The college has launched Incubation Centre where the students can implement their ideas. The college has an MOU with Oracle University (USA). NEC has MOUs with various Foreign Universities. The college offers seven M.Tech programmes, two PG courses of MCA, MBA and six courses at B.Tech level in the branches EEE, CSE, IT, CSE (AI) ECE, ME and CIVIL. The college has well equipped laboratories including 1000 computers with a bandwidth of 146 MBPS internet. Microsoft Innovation Centre was established in the college through which more than 200 Mobile Apps, 50 Cloud Apps and 100 Windows Apps are uploaded every year.

In order to build a vibrant entrepreneurship ecosystem established Venture Development Centre (VDC) in association with i2E North Eastern University, USA and APSSDC. Also, the college has Indo-European skilling Centre for Mechatronics and Industrial Robotics in collaboration with APSSDC and ARC (Applied Robot Control), Germany. AP CM's Skill Excellence Center to provide students access to the most advanced courses by industry giants. The college has established Institution Innovation Council(IIC) as per the norms of Innovation Cell, Ministry of HRD, Govt. of India with ranked 3 and 1/2 Star Rating

A One Week Faculty Development Program
on
CYBER SECURITY
from 20th - 25th November-23.

Organized
by

Department of Information Technology

NEC NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)
Thrice Accreted By NBA and Accreted By NAAC A+
(Approved By AICTE, New Delhi, Permanently Affiliated To JNTUK, Kakinada)
Kotappakonda Road, Yellamanda Village,
NARASARAOPET, PALNADU DIST, A.P.
www.nrtec.in, Email: ithod@nrtec.in
Ph: 08647-259965, 259962

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Palnadu (Dist.), A.P.

ABOUT THE DEPARTMENT

The Department of IT started in the year 2019 with an intake of 60 and later increase of 120 seats in 2023. The department imparts knowledge and skills to inculcate the professional responsibilities, leadership qualities to succeed in diverse career, capability to utilize engineering skills in industry. The sincere efforts and dedication of our faculty and keen interest exhibited by our students have produced not only a commendable academic record and also remarkable achievements in co-curricular and extracurricular activities. The laboratory infrastructure is excellent with state of the art equipment and software. The department faculty encourages the students to implement innovative ideas in their project works, to develop industry readiness and R&D. The faculty has published around 40 research publication papers in different thrust areas like AR&VR,AI, ML, DL, cyber securities etc in every year. Many of the faculty members are upgrading their skills by attending the FDP, Conferences, seminars and workshops in innovative and thrust area technologies regularly. The dept. has organized Workshop on Amazon web services conducted by APSSDC.

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Objective of Workshop

- ✓ **Acquire a comprehensive understanding of the critical domains within cybersecurity.**
- ✓ **Learn to develop a security framework that is anchored in detection, response, and prevention.**
- ✓ **Investigate actionable insights and methodologies for resolving high-impact security issues.**
- ✓ **Steer towards implementing effective security measures and solutions within your organization.**

Target Audience:

❖ Faculty members from AICTE institutions.

Guidelines:

❖ A test shall be conducted by organizing committee at the end of the program.

❖ E-certificate will be issued to those participants who have attended the program

Chief Patron

Sri M.S.Chakravarthi
B.Tech, MS (US),e-MBA (ISB-Hyd)
Vice-Chairman, NEC Group.

Patrons

Sri M.V.Koteswara Rao B.Sc,
Chairman, NEC Group.
Sri M. Ramesh Babu
Secretary, NEC Group.

Co-Patron

Dr. M. Sreenivasa Kumar,
M.Tech., Ph.D (UK)., MISTE.,FIE (I).
Principal.

Convener

Dr. Jhansi Vazram Bolla,
Professor & Head, Dept. of IT.

Coordinator

U.Vijay Kumar,
Asst.Professor in IT Dept.

ORGANIZING COMMITTEE

U.Vijay kumar
M.Rama Krishna Reddy
P.Neelima
K.Jaya Prakash
T.Venkata Manohar
K.Sireesha
P.Santhi
P.Vijaya Lakshmi
M.Ravindra Babu
B.Veera Brahmam

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ENGINEERING COLLEGE
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Schedule

NARASARAOPETA ENGINEERING COLLEGE
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ORGANIZING BY DEPARTMENT OF INFORMATION TECHNOLOGY

FDP on CYBER SECURITY

COURSE SCHEDULE

Date	Session	Topics	Sub Topics
20-11-2023	1	Foot printing and Reconnassiance	Introduction To Foot printing and Reconnassiance Techinques
			Domain and Network Information Gathering:NSLOOKUP,WHOIS
			Advanced Search Techniques:SHODAN and other search engines
			Specialized Reconnassiance Tools:MALTEGO,HTTRACK,The Harvester
			Integrating Reconn-NG and Social Engineering for Comprehensive Reconnassiance
21-11-2023 22-11-2023	2&3	Penetration Testing and Ethical Hacking	Foundations of Ethical Hacking and Introduction
			Network Reconnassiance:Scanning, Enumeration and sniffing
			Attacking Techniques:System Hacking, Malware,Social Engineering,Denial of Service and Session Hijacking
			Web Security:Server and Application Vulnerabilities,SQL Injection
			Wireless and Mobile Security:Hacking WIFI, Bluetooth and Mobile Devices
			Defensive Strategies:Understanding and Deploying IDS,Firewalls,Honeypots and Exploring IOT,Cloud Security, Cryptography
23-11-2023 24-11-2023	4&5	Advanced Penetration Testing	Deep Dive into Linux Programming for Security Professionals
			Mastery of Metasploit for Effective Penetration Testing
			Advanced Techniques in Information Gathering and Vulnerability Assessment
			Sophisticated Traffic Analysis and Capture for Network Security
			Comprehensive Exploitation Techniques Including Password Cracking and Advanced Exploits
			Strategic Post-Exploitation Tactics To Maintain Access and Gather Critical Data
			Enhancing Web Application Security Through Targeted Testing
			Developing Custom Exploits for Comprehensive Security Assessments
			Utilizing Smartphone Penetration Testing Frameworks for Mobile Security
25-11-2023	6	CTF Challenges	

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ENGINEERING COLLEGE
(AUTONOMOUS)

Attendance sheet

NARASARAOPETA ENGINEERING COLLEGE : NARASARAOPET

(Autonomous)

DEPARTMENT OF INFORMATION TECHNOLOGY

ONE WEEK FDP ON CYBER SECURITY

DURING 20th - 25th NOVEMBER- 2023

S.No	Name	20-11-2023	21-11-2023	22-11-2023	23-11-2023	24-11-2023	25-11-2023
		Signature	Signature	Signature	Signature	Signature	Signature
1	Dr.B.Jhansi Vazram						
2	K.Jaya Prakash						
3	M.Rama Krishna Reddy						
4	SK.Mohammed Jany						
5	U.Vijay Kumar						
6	T.Venkata Manohar						
7	K.Sireesha						
8	P.Santhi						
9	P.Neelima						
10	P.Vijay Lakshmi						

Co- Ordinator

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Program Report

NARASARAOPETA ENGINEERING COLLEGE
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Kotappakonda Road, Yellamanda (Post), Narasaraopet-522601, Palnadu District, A.P., India.
Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK, Kakinada, Code: 47,
Accredited by NBA & NAAC A+, ISO 9001 – 2015 Certified Institution
Phone: 08647-239905 Website: www.nrtec.in

DEPARTMENT OF INFORMATION TECHNOLOGY

Date: 17th Nov, 2023.

Program Report

Name of the program : Workshop on Cyber Security.

Date(s) of Workshop : 20th - 25th November, 2023.

Details of the Co- Ordinator:

Name	: **U.Vijay Kumar**
Designation	: Asst.Professor in IT Dept.
Organization	: Narasaraopeta Engineering College
Phone No.	: 9030655562
Mail-id	: vijaykumaruppala@gmail.com

Details of the Resource Person(s):

Name	: **Dr. G.V.Subba Reddy**
Designation	: Sr.Tech.Architect
Organization	: VSRIT Solutions Pvt.Ltd.Hyderabad
Phone No.	: 9885822680
Mail-id	: visritsolutions@gmail.com.

Objective of the Program :

This section covers the following concepts: **How does the scientific method apply to data Security?. The importance of Cyber Security in a digital world and the adoption of Cognitive Computing. Finally, we will learn more about data by exploring the different methods.**

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Press Note & Coverage

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NEC ENGINEERING COLLEGE
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DEPARTMENT OF INFORMATION TECHNOLOGY
Kotappakonda Road, Yellamanda (Post), Narasaraopet – 522601, Guntur District, AP
Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada, Code: 47,
Four Times Accredited by NBA & NAAC "A+" Grade ISO 9001: 2015 Certified Institution
Phone: 08647-239912 e-mail: csehod@nrtec.in visit us at : www.nrtec.in

Press Note

ఎన్. ఈ. సి లో "సైబర్ భద్రత " పై ఇంజనీరింగ్ అధ్యా పకులకు **07** రోజుల శిక్షణ తరగతులు

ప్రారంభం

స్థానిక నరసరావుపేట ఇంజనీరింగ్ కళాశాలలో కంప్యూ టర్ సైన్స్ అండ్ ఇంజనీరింగ్ విభాగ ఆధ్వర్యంలో ఇంజనీరింగ్ అధ్యాపకులకు "సైబర్ భద్రత "పై 07 రోజులు శిక్షణా తరగతులు ప్రారంభించినట్లు కళాశాల వైస్ చైర్మన్ శ్రీ మిట్టపల్లి చక్రవర్తి గారు ఒక ప్రకటనలో తెలిపారు.

శిక్షణ తరగతులు ప్రారంభ కార్యక్రమములో ముఖ్య అతిథులుగా మిస్టర్ కె రాఘవేంద్ర స్వామి సీనియర్ టెక్నికల్ ట్రైనర్, **ICT** సంస్థ శిక్షకులుగా వ్యవహరించి అధ్యాపకులకు "సైబర్ భద్రత" కి సంబంధించిన ఏ డేటా మోడలింగ్, ఫార్ములా వాలిడేషన్స్, లైబ్రేరింగ్ అప్ బిల్డర్ ,డేటా సెక్యూరిటీ వంటి మొదలగు అంశాలు గురించి వివరించారు.

ఈ సందర్భంగా కళాశాల ప్రిన్సిపల్ డాక్టర్ ఎం శ్రీనివాస్ కుమార్ గారు మాట్లాడుతూ అధ్యా పకులను ఉద్దేశించి ప్రస్తుత సాఫ్ట్వే ర్ ఇంజనీరింగ్ లో "సైబర్ భద్రత" ద్వారా చాలా ఉద్యోగ అవకాశములు విద్యార్థులకు అందించుటకు అధ్యాపకులకు శిక్షణ అవసరము అని, కళాశాల మేనేజ్మెంట్ వారు ఈ అవకాశమును ఇంజనీరింగ్ కళాశాల అధ్యాపకులకు కల్పించారని ,అధ్యా పకులకు 07 రోజులు శ్రద్ధగా శిక్షణ తీసుకుని మీ ఇంజనీరింగ్ కళాశాలలోని విద్యార్థులకు బోధనా చేయవలెనని కోరారు.

కంప్యూటర్ సైన్స్ అండ్ ఇంజనీరింగ్ విభాగ అధిపతి డాక్టర్ ఝాన్సీ వజ్రం బొల్లా గారు మాట్లాడుతూ ,ఈ 07 రోజుల శిక్షణ యందు "సైబర్ భద్రత "ట్రయిల్ హెడ్ బ్లేజెర్ కమ్యూనిటీ టెక్నింగ్ కాన్సెప్ట్స్, సైబర్ భద్రత బేసిక్స్ ఏ పీ ఐ టెక్నింగ్, అపెక్స్ ట్రిగ్గర్స్ మొదలగు అంశాల మీద శిక్షణ ఇస్తారని తెలిపారు.

అధ్యాపక శిక్షణా తరగతులు కోఆర్డినేటర్ డాక్టర్ ఎస్. వి. ఎన్. శ్రీనివాస్ గారు మాట్లాడుతూ ఈ తరగతులకు ఆంధ్ర మరియు తెలంగాణ రాష్ట్రాల నుండి 55 మంది ఇంజనీరింగ్ అధ్యా పకులు పాల్గొన్నా రు అని తెలిపారు.

ఈ కార్యక్రమంలో కళాశాల చైర్మన్ మిట్టపల్లి కోటేశ్వ రావు గారు కళాశాలలోని ప్రతి ఒక్క అధ్యా పకులు సంవత్సరంలో శిక్షణ తరగతులు ఎక్క డైనా తప్పనిసరిగా హాజరు అవ్వాలని మేము పూర్తి సహాయ సహకారం అందిస్తామని ఈ సందర్భంగా గుర్తు చేశారు.

కళాశాల సెక్రటరీ మెట్టుల్లి రమేష్ గారు మాట్లాడుతూ, ఈ శిక్షణ తరగతులను నిర్వ హిస్తున్న కంప్యూ టర్ సైన్స్ అండ్ ఇంజనీరింగ్ అల్లైడ్ విభాగాలను అభినందించారు.

ఈ కార్యక్రమం నందు కళాశాల వైస్ ప్రిన్సిపల్ డాక్టర్ డి సునీల్ గారు వివిధ విభాగాల అధిపతులు అధ్యా పకులు పాల్గొన్నా రు.

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Sample Certificates

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Company Identification Number (CIN Number) : U72900AP2019PTC111909
PAN Number : AAICC1770E, TAN Number : HYDC10078F
ISO Certificate Number : 031122019107
MSME Registration Certificate No : UDYAM-AP-06-0035821
Supraja Technologies Trademark Application ID No for Class 41 : 4146139
Supraja Technologies Trademark Application ID No for Class 42 : 4146144

CERTIFICATE

OF PARTICIPATION

Ref No. .....

This is to certify that

Mrs. P. Shanthi

has participated in One Week Online Faculty Development Training Program on

Cyber Security conducted by Supraja Technologies

from 20-11-2023 To 25-11-2023

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Santosh Chaluvadi
Founder & CEO
Supraja Technologies
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CERTIFICATE

OF PARTICIPATION

Ref No. .....

This is to certify that

Mr. M. Rama Krishna Reddy

has participated in One Week Online Faculty Development Training Program on

Cyber Security conducted by Supraja Technologies

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OF PARTICIPATION

Ref No. .....

This is to certify that

Mr. K. Jaya Prakash

has participated in One Week Online Faculty Development Training Program on

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CERTIFICATE
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Ref No. .....

This is to certify that

Mr. U. Vijay Kumar

has participated in One Week Online Faculty Development Training Program on

Cyber Security conducted by Supraja Technologies

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NEC NARASARAOPETA ENGINEERING COLLEGE
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Two-week Training Program on "Primavera"

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Kotappakonda Road, Yellamanda (Post), Narasaraopet – 522601, Guntur district, Andhra Pradesh

Phone No. : 08647-239923, 9692464540, Fax No. : 08647-239902

Website: http://www.nrtec.in

DEPARTMENT OF CIVIL ENGINEERING

Date: 10-11-2023

CIRCULAR

Department of Civil Engineering is organizing a **Two weeks Training Program on "PRIMAVERA"** from **13/11/2023 to 25/11/2023** in association with **CPLR, Chennai** for civil faculty. Request all the faculty members to attend.

Program Convenor:

Dr. P. Naga Sowjanya, (8897170424)
Assoc Professor & HOD, Dept. of Civil

Mr. K. Jeyavignes, (9010288919)
Asst. Professor

IQAC **HOD** **PRINCIPAL**

Copy to:

1. Chairman for Favour of Information
2. Principal
3. AO for Necessary arrangements
4. Department Notice Boards
5. Circulation to all staff members
6. All HODs

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Brochure

A Two weeks workshop
On
"PRIMAVERA"

13th - 25th NOVEMBER, 2023

REGISTRATION FORM

Name:_____

Designation:_____

Mobile No.:_____

College Name: _____

E-Mail:_____

Experience:_____

DECLARATION

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the Training Programme.

Signature of the Applicant

Date :
Place :

Note: Send Registration forms to
civilhod@nrtec.in
Any quires contact: 08647 239906

ABOUT THE COLLEGE

The Narasaraopeta Engineering College was established in the year 1998 by Gayatri Educational Development Society, Narasaraopet, under the leadership of Sri M.V.Koteswara Rao, who has a vision of developing this college as an autonomous institution of higher learning & knowledge in the heart of Palnadu region. The college is approved by AICTE, permanently affiliated to JNTUK Kakinada, Accredited 'A' Grade by NAAC, Accredited thrice by NBA and ISO 9001: 2008 certified. The college has three recognized R&D centers by JNTUK. NEC is conferred as 'AUTONOMOUS' in the year 2016. The college has launched Incubation Centre where the students can implement their ideas. The college has an MOU with Oracle University (USA). NEC has MOUs with various Foreign Universities. The college offers seven M.Tech Programmes, two PG courses of MCA, MBA and six courses at B.Tech level in the branches EEE,IT,CSE,IT,CSE(AI) ECE, ME and CIVIL. The college has well equipped laboratories including 1000 computers with a bandwidth of 100 MBPS internet. Microsoft Innovation Centre was established in the college through which more than 200 Mobile Apps, 50 Cloud Apps and 100 Windows Apps are uploaded every year.

The college has established venture development Centre (VDC), APSSDC. Also the college has Indo-European skilling Centre for mechatronics and industrial robotics in collaboration with APSSDC and ARC (Applied Robot Control), Germany.



A Two weeks workshop
On
"PRIMAVERA"

13th - 25th NOVEMBER, 2023

In Association with
CPLR, Chennai.

Organized by
Department of Civil Engineering

NARASARAOPETA ENGINEERING COLLEGE
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ABOUT THE DEPARTMENT

What We Do

Our Civil Engineering department seeks to understand natural phenomena and their applications in the field, and utilize that knowledge to innovate and build sustainable engineering structures for Society. We educate our students in both natural and manmade systems, which enable them to get a true sense of the science of civil engineering.

Our faculty and staff are dedicated to teaching our students such that they are best equipped to serve the region and the nation as professionals, scholars, academic leaders, researchers, and entrepreneurs, and tackle complex engineering problems in the field.

What We Offer

Established in the year 2009, our Department of Civil Engineering offers undergraduate programme (B.Tech) with a flexible curriculum that adapts to the ever-increasing discoveries in the field.

Our civil engineering department employs an experienced faculty and cutting-edge learning avenues in the fields of Surveying, Fluid Mechanics, Strength of Materials, Engineering Geology and Environmental Engineering, Geotechnical Engineering, Highway Engineering, and Concrete Technology.

Our department also offers specialization in structural, geotechnical, hydraulics and water resources, environmental, construction, transportation, and more.

Our students attend workshops, conferences, seminars, and paper-presentation forums that focus on interdisciplinary topics, and receive exposure to guest lecturers of premium institutions.

We offer an education that will transform our students into leaders in the field of civil engineering.

ABOUT AGIIT:

CPLR is leading CAD/CAM Education and Training Company with a global presence has its headquarters at Tambaram, Chennai-India. It is an Autodesk Authorised Training centre in India. The company addresses business opportunities in the education segment with a thrust on long-term career courses and the high-end short-term courses in CAD/CAM, Multimedia and Soft Skills Training. CPLR has crossed the 60,000 students mark recently testimony to its academic quality, industry-relevant technology and assessment systems.

OBJECTIVE OF COURSE

After completing this course you will able to:

- Create a Work Breakdown Structure
- Add Activities
- Customize activity views
- Create Relationships
- Schedule the project
- Assign constraints
- View the Enterprise Project Structure
- Optimize the project schedule
- Assign roles and resources
- Analyze resources and cost
- Baseline the project plan
- Execute the project
- Customize dashboards
- Manage risk
- View reports

Resource Persons

Mr.K.Prem Kumar, Senior CAD Engineer

Course Program

The course Program has sections

1. Lectures
2. Hands-on-Practice

There is no registration fee.

Certificate will be provided for each participant after successful completion of the course by CPLR

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Chairman, NEC Group.

Sri M.S.Chakravarthi B.Tech, MS (USA), e-MBA (ISB-Hyd)
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Sri M.Ramesh Babu
Secretary, NEC Group.

Patron:

Dr. M.Sreenivasa Kumar, M.Tech, Ph.D, MISTE, FIE(I)
Principal.

Convener:

Dr. Dr. P. Naga Sowjanya, M.Tech, Ph.D
Associate Professor & Head, Dept. of CE

Coordinator:

Mr. K. Jeyavignes, M.Tech
Assistant Professor, Dept. of CE

Organizing Committee:

Mr. K Anil kumar	Assistant Professor
Mr. M N S S Rao	Assistant Professor
Mr. N M Subhani	Assistant Professor
Mrs. A L Prasanna	Assistant Professor
Mrs. K Yamuna	Assistant Professor
Ms. M Siva Nagamani	Assistant Professor

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Schedule

NARASARAOPETA ENGINEERING COLLEGE
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ORGANIZING BY DEPARTMENT OF CIVIL ENGINEERING

TRAINING PROGRAM ON PRIMAVERA

COURSE SCHEDULE

S.No	DATE	SESSION	TIMING	TOPIC
1	13/11/2023	FN	09:30am to 12:40pm	Introduction to Primavera
		AN	01:30pm to 4:00pm	Creating Organization Breakdown Structure
2	14/11/2023	FN	09:30am to 12:40pm	Creating Enterprise Project Structure
		AN	01:30pm to 4:00pm	Creating Calendar
3	15/11/2023	FN	09:30am to 12:40pm	Creating project
		AN	01:30pm to 4:00pm	Creating a Work Breakdown structure
4	16/11/2023	FN	09:30am to 12:40pm	Adding activities
		AN	01:30pm to 4:00pm	Creating relationships between activities
5	17/11/2023	FN	09:30am to 12:40pm	Scheduling the project
		AN	01:30pm to 4:00pm	Course Evaluation – 1
6	18/11/2023	FN	09:30am to 12:40pm	Defining Resources
		AN	01:30pm to 4:00pm	Assigning Resources

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S.No	DATE	SESSION	TIMING	TOPIC
7	20/11/2023	FN	09:30am to 12:40pm	Assigning Costs
		AN	01:30pm to 4:00pm	Defining Work Products
8	21/11/2023	FN	09:30am to 12:40pm	Defining Work Documents
		AN	01:30pm to 4:00pm	Defining Project Expenses
9	22/11/2023	FN	09:30am to 12:40pm	Assign Project Expenses
		AN	01:30pm to 4:00pm	Creating Project Budget
10	23/11/2023	FN	09:30am to 12:40pm	Report performance - Create Graphical
		AN	01:30pm to 4:00pm	Report performance - Tabular Report
11	24/11/2023	FN	09:30am to 12:40pm	Closing the project
		AN	01:30pm to 4:00pm	Recapitulation of sessions
12	25/11/2023	FN	09:30am to 12:40pm	Course Evaluation – Final
		AN	01:30pm to 4:00pm	Queries session & Program conclusion

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NARASARAOPETA
ENGINEERING COLLEGE
(AUTONOMOUS)

Attendance sheet

NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS): NARASARAOPET

DEPARTMENT OF CIVIL ENGINEERING

ATTENDANCE SHEET: PRIMAVERA 1ST WEEK

S.NO	NAME OF THE FACULTY & DESIGNATION	ATTENDANCE											
		13-11-2023		14-11-2023		15-11-2023		16-11-2023		17-11-2023		18-11-2023	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	Mrs K Yamuna Assistant Professor												
2	Mr P Naresh Assistant Professor												
3	Mr Shaik Sydha Assistant Professor												

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Signature of the Coordinator

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NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS): NARASARAOPET

DEPARTMENT OF CIVIL ENGINEERING

ATTENDANCE SHEET: PRIMAVERA 2ND WEEK

S.NO	NAME OF THE FACULTY & DESIGNATION	ATTENDANCE											
		20-11-2023		21-11-2023		22-11-2023		23-11-2023		24-11-2023		25-11-2023	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	Mrs K Yamuna Assistant Professor												
2	Mr P Naresh Assistant Professor												
3	Mr Shaik Sydha Assistant Professor												

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Signature of the Coordinator

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NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)

Program Report

NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)

Kotappakonda Road, Yallamanda (P.O), NARASARAOPET-522 601, Guntur Dist. A.P,
Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada,
Accredited "A" Grade by NAAC, Accredited Twice by NBA,
Two Recognized R&D centres by JNTUK,
ISO 9001: 2008 Certified Institution

Date: 27/11/2023

PROGRAMME REPORT

Name of the Programme : **A Two Weeks Training Program on "PRIMAVERA"**

Dates : 13/11/2023 to 25/11/2023

Details of the Resource Person

Name : Mr. K. Prem Kumar

Designation : Senior CAD Engineer

Organization : CPLR, Chennai

Phone No. : +91-8072221206

Email : premk.be@gmail.com

Objectives of the Programme:

- Challenges faced in large scale projects
- Importance of Project Management
- Efficient creation of Schedule
- Adding and assigning resources
- Estimating duration of the project
- Estimating budget for the project
- Levelling of resources
- Finding the critical path
- Managing multiple projects in Primavera

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Topics Covered:

- Creating Organization Breakdown Structure
- Creating Enterprise Project Structure
- Creating Calendar and creating project
- Creating a Work Breakdown structure and adding activities
- Creating relationships between activities
- Scheduling the project and Course Evaluation – 1
- Defining Resources
- Assigning Resources and costs
- Defining Work Products & Documents
- Defining & Assign Project Expenses
- Creating Project Budget
- Report performance - Create Graphical / Tabular Report
- Course Evaluation – Final

Outcomes of the Programme:

- To create an Organization Breakdown Structure, Enterprise Breakdown Structure
- To create a Calendar, Project and a Work breakdown structure
- Understand how to add activities as required
- Create relationships and work out project schedules
- Learn to define and assign resources, find budgeted total Cost of the Project
- Learn to report performance

No. of participants: 3

Coordinator

HOD

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Press Note &Coverage

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Kotappakonda Road, Yellamanda (P.O), NARASARAOPET - 522 601, Guntur Dist. A.P.
Sponsored by Gayatri Educational Development Society, Narasaraopet
Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK, Kakinada, Code: 37
Accredited by NBA (CSE, ECE, EEE & MECH) & NAAC "A" Grade, ISO 9001:2008 Certified Institution
08647-239903 Visit us at www.nrtec.in e-mail principal@nrtec.in

ఎన్.ఇ.సి

ఎన్. ఇ.సి లో ప్రైమావేరా శిక్షణ ప్రోగ్రామ్

స్థానిక నరసరావుపేట ఇంజనీరింగ్ సివిల్ ఇంజనీరింగ్ విభాగం వారి ఆధ్వర్యంలో CPLR, చెన్నై వారిచే వర్క్‌షాప్ 13-11-2023 నుంచి 25-11-2023 వరకు నిర్వహించడం జరిగింది.

ఈ వర్క్‌షాప్‌లో రిపోర్ట్ వర్సన్ సీనియర్ CAD ఇంజనీర్ కె. ప్రేమ్ కుమార్ గారు ప్రైమావేర సాఫ్ట్‌వేర్ ఉపయోగించి ప్రాజక్ట్ మెనేజ్‌మెంట్ నేర్పించారు అనంతరం 8 ట్రైనర్‌గారు, మాట్లాడుతూ ప్రైమావేరా సాఫ్టవేర్ ప్రాముఖ్యతను అందులో ఉన్న ఆధునిక సాంకేతిక అంశాలను వివరించారు.

కళాశాల ప్రిన్సిపాల్ డాక్టర్ ఎమ్. శ్రీనివాస్ కుమార్ గారు మట్లాడుతూ ప్రస్తుత కాలంలో ప్రైమావేరా సాఫ్టవేర్ ఉపయోగించి ప్రాజెక్ట్ నిర్వహించడం సివిల్ ఇంజనీరింగ్ విద్యార్థులకు ఉపయోగపడుతుందని తెలియచేసారు.

అనంతరం సివిల్ ఇంజనీరింగ్ విభాగాధిపతి డాక్టర్ పి. నాగ సాయన్న గారు మాట్లాడుతూ కాలేజీలోనే, ప్రైమావేరా సాఫ్టవేర్ విద్యార్థులందరూ నేర్చుకోవడం వలన బయట సెలక్ట్ అవ్వాలనుకునే ఉద్యోగ పోటీలో సివిల్ విద్యార్థులు సాంకేతిక విజయం సాధించగలరని తెలిపారు.

ఈ కార్యక్రమంలో మొత్తం 104 మంది విద్యార్థులు పాల్గొన్నారు, అని కోఆర్డినేటర్ తెలియచేస్తూ తెలిపారు.

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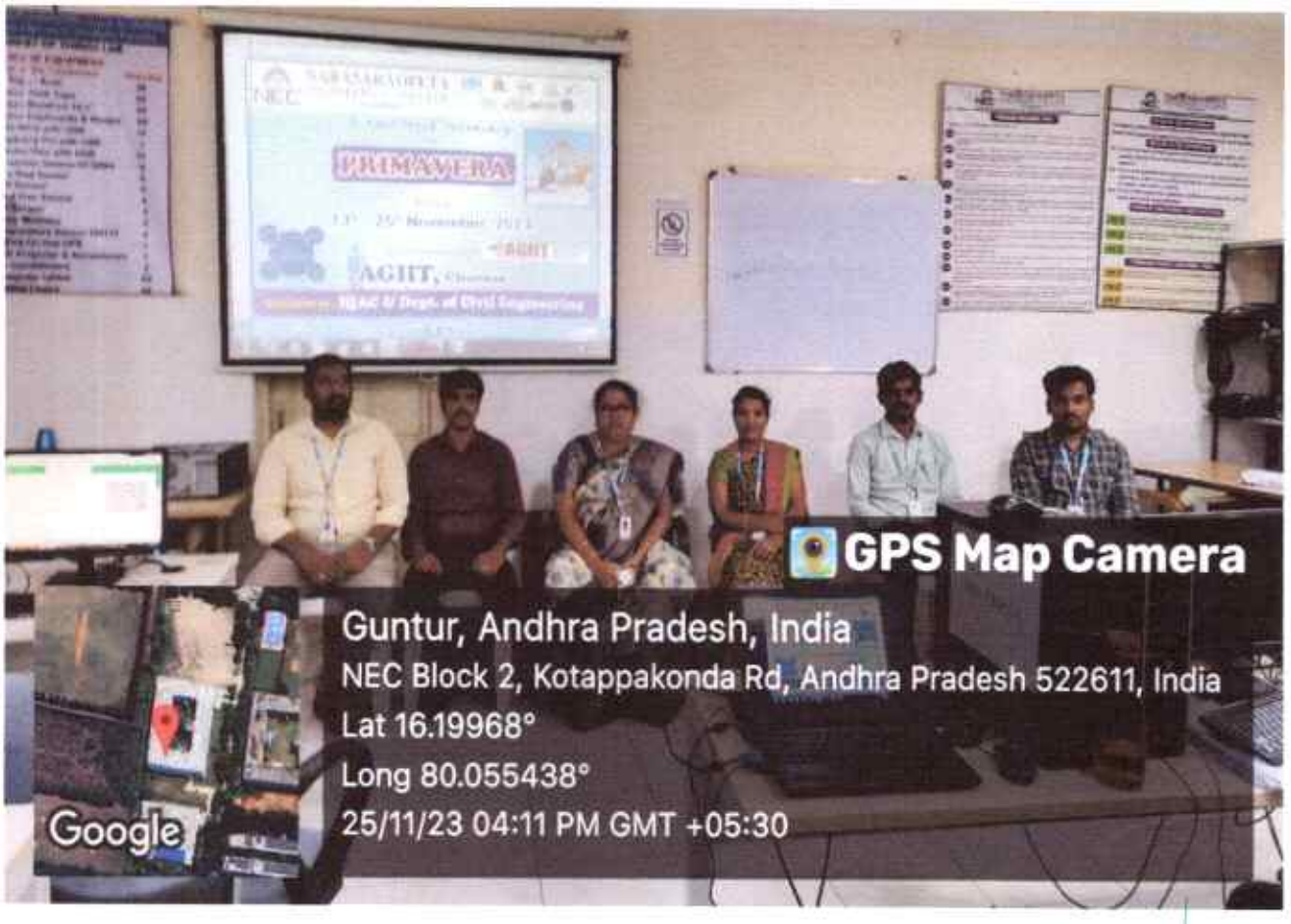
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Photos



THE PRINCIPAL AND CIVIL HOD INAUGRATING PRIMAVERA TRAINING PROGRAM FOR FACULTY AT IOT LAB



THE CIVIL HOD ALONG WITH THE TRAINER AND PROGRAM PARTICIPANTS

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Sample Certificates

CPLR Centre for Professional Learning & Research
(The Hi -end CAD / CAM /FEA / FEM Company)

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EXCELLENCE 25 YEARS ESTD 1998

CERTIFICATE

— OF PARTICIPATION —

This to Certify that

Mr./Ms. **K. Yamuna** (Assistant Professor)

has participated in the training program on "**Primavera**" conducted by Department of Civil Engineering, **Narasaraopeta Engineering College (Autonomous)** in association with **CPLR -Chennai** from 13th November 2023 to 25th November 2023

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Director
CPLR

HOD - Civil
NEC

Principal
NEC

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No.12,Ramasamy Street,Tambaram West, Chennai - 600 045,Tamilnadu,India,Email : info@litaaacademy.com

CPLR Centre for Professional Learning & Research
(The Hi -end CAD / CAM /FEA / FEM Company)

NEC

CERTIFICATE

OF PARTICIPATION

This to Certify that

Mr./Ms. **Sk. Sydha** (Assistant Professor)

has participated in the training program on "**Primavera**" conducted by Department of Civil Engineering, **Narasaraopeta Engineering College (Autonomous)** in association with **CPLR -Chennai** from 13th November 2023 to 25th November 2023

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CPLR

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NEC NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)

One week Faculty Development Program on "Autodesk-Fusion 360 Generative Design, PCB Design and CAM"

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(AUTONOMOUS)

Circular

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(AUTONOMOUS)
(Approved by AICTE, Affiliated to JNTUK, Kakinada, Accredited by NAAC, RTA Approved Pollution Test Centre, ISO 9001: 2008 Certified Institution)
Kotappakonda Road, Yellamanda (Post), Narasaraopet – 522601, Guntur district, Andhra Pradesh
Phone No. : 08647-239904, Fax No. : 08647-239902
E-mail: principal@nrtec.in Website: http://www.nrtec.in
DEPARTMENT OF MECHANICAL ENGINEERING

Date: 17-07-2023

CIRCULAR

Department of Mechanical Engineering is organizing A One Week Faculty Development Programme on **"AUTODESK-FUSION 360 GENERATIVE DESIGN, PCB DESIGN AND CAM"** in association with **Autodesk – Design Labs, Hyderabad** from **22/07/2023 to 27/07/2023.** for Mechanical Faculty. Request all the faculty members are to attend.

Program Convenor: Dr. M. Venkanna Babu (9985808908)

IQAC **HOD** **PRINCIPAL**

Copy to:

1. Chairman for Favour of Information
2. Principal
3. AO for Necessary arrangements
4. Department Notice Boards
5. Circulation to all Staff Members
6. All HOD's

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Brochure

COURSE CONTENT:

- Introduction to Autodesk - Fusion 360
- Creating the First Feature with Quick Shapes
- Creating Sketched Geometry
- Sketched Secondary Features
- Pick and Place Features
- Construction Features
- Equation and Parameters
- Additional Features and Operations
- Design and Display Manipulation
- Single Path Sweeps
- Distributed Design
- Component Design Tools
- Multi-Body Design
- Editing Sculpted Geometry
- Static Analysis Using the Simulation Environment
- Outputting for 3D Printing

RESOURCE PERSONS

- **Mr. Vadali Bhaskara Rao**
  CEO,
  Design Labs, Hyderabad
  designlabshyd@gmail.com
- **Mr. Ajay Kumar Reddy Peram**
  Certified Trainer,
  Design Labs, Hyderabad
  Ajay.k.r@outlook.com

For Any Queries Contact:

Dr. M. Venkanna Babu, Convenor,
Mobile No: 9985808908



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ABOUT THE COLLEGE

The Narasaraopeta Engineering College was established in the year 1998 by Gayatri Educational Development Society, Narasaraopet, under the leadership of Sri M.V.Koteswara Rao, who has a vision of developing this college as an autonomous institution of higher learning & knowledge in the heart of Palnadu region. The college is approved by AICTE, permanently affiliated to JNTUK, Kakinada, Accredited 'A+' Grade by NAAC and Accredited four times by NBA. NEC accorded 'AUTONOMOUS' status since 2016.

NEC is ranked among top 300 engineering institutions in India rankings (NIRF 2022, 251-300 band) by Ministry of Education, Govt. of INDIA. Also NEC ranked as top 4th Private Engineering College in AP as per Times Engineering Institute Ranking Survey-2022. INDIA TODAY Ranked NEC as 178 among Private Engineering Colleges in INDIA. The college has approved research centres by JNTUK, Kakinada in CSE, ECE and Mechanical Engineering Depts. The college has launched Incubation Centre where the students can implement their ideas. NEC got approved for "NIDHI Technology Incubator" by Dept of Science & Technology, New Delhi.

The college has signed 37+ MoUs with reputed industries and International & National organizations like Red Hat Academy, Efftronics Systems Pvt. Ltd, Byte$_{XL}$, New Mexico State University (NMSU), New Mexico, USA, TiE Hyderabad, Edu Skills etc. The college offers Seven M.Tech programmes, Two PG courses of MCA, MBA and Ten courses at B.Tech level in the branches EEE, CSE, CSE(AI), CSE(AI&ML), CSE (DS), CSE(Cyber Security), IT, ECE, ME and CIVIL. The college has well equipped laboratories and computers. The college has well experienced and dedicated faculty out of which 72 faculty hold Doctorate Degrees while 78+ patents and 416+ Publications (over last five years), 36 Books were onto the credit of faculty. The college has AP CM's Excellence centre, AI Centre of Excellence & Deep Learning in association with BENNETT University, New Delhi. Also, the college has Indo-European skilling Centre for Mechatronics and Industrial Robotics in collaboration with APSSDC and ARC (Applied Robot Control), Germany. Dassault Systems Lab is established in association with APSSDC to provide access to the students on most advanced courses by industry giants. Narasaraopet is known as the gateway of Palnadu. Narasaraopet is District Head Quarters of newly formed PALNADU District and is on the railway line of Guntur to Guntakal. Narasaraopet is 50 Km from Guntur and 25 Km from Chilakaluripet (NH5) by road. Narasaraopet is 120 Km away from Vijayawada Airport. Kotappakonda is the site of major religious pilgrim place of Lord Siva which is located 5 Km from NEC.

A one Week FDP
On

"AUTODESK-FUSION 360 GENERATIVE DESIGN, PCB DESIGN AND CAM"

During
22nd July -27th July - 2023

Organized
By

Department of Mechanical Engineering

NARASARAOPETA
NEC ENGINEERING COLLEGE
(AUTONOMOUS)

Kotappakonda Road, Yellamanda (P.O)
Narasaraopet – 522601, Guntur District, A.P.

Approved by AICTE, permanently affiliated to JNTU, Kakinada,
Accredited 'A' Grade by NAAC, Accredited Thrice by NBA,
Recognized R&D center by JNTUK,
ISO 9001:2008 Certified.

Phone : 08647-239923
FAX : 08647-239902
E-Mail : mechhod@nrtec.in

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ABOUT THE DEPARTMENT

The Department of Mechanical Engineering was established in the year 2002 with an intake of 60 students and in course of time it has increased to 120. The department offers UG and PG programs. PG programs are being offered in specialization of Machine Design and Thermal Engineering. The UG program of the department is accredited twice by AICTE-NBA. The department is recognized as research and development center by JNTUK, Kakinada. The department has excellent infrastructure like E class rooms, AC seminar hall and is well equipped with modern laboratories like Dassault systems and ARC laboratory. Department has equipment beyond curriculum like stir casting machine, 3D printer, Fatigue testing machine, Five gas analyzer, Ultrasonicator, Tool makers microscope, magnetic particle tester etc., The department faculty encourages the students to implement innovative ideas in their project works and R&D. Many of the faculty members are upgrading their skills by attending the FDP, conferences, seminars and workshops in innovative and thrust area technologies regularly. The department has highly qualified, experienced, dedicated faculty with industry and research background. The department has received funding from different agencies like UGC, AICTE towards MODOROBS, FDP etc. Department has RTA, Government of AP approved pollution test centre. Department frequently organizes guest lectures, industrial visits, workshops, training programs and provide internships for betterment of students.

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OBJECTIVES OF PROGRAMME:

- The aim of this course is to train faculty members, scientists, industrial personnel, research scholars, etc. on Navigate the Autodesk Fusion 360 user interface, Generating 3D parts from sketches, Placing and constraining/connecting parts in assemblies and Creating & annotating drawings and views. The fundamental principles guiding the advances in these areas will be presented.

REGISTRATION:

- UG/PG students in Engineering and Applied Sciences.
- Any Faculty/Student in thrust of knowledge.

GUIDELINES:

- Certificate will be provided to all the participants, on successful completion of workshop.

Chief Patron

Sri M.S. Chakravarthi
B. Tech, MS (USA), Exec-MBA (ISB)
Vice - Chairman, NEC Group

Patrons

Sri M.V. Koteswara Rao B.Sc.,
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Sri M. Ramesh Babu
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M. Tech, Ph. D (UK), M.I.S.T.E, FIE(I)
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Vice- principal

Dr. B. Venkata Siva
Professor, HOD, Dept. of Mechanical Engineering

Convener

Dr. M Venkanna Babu
Associate Professor, Dept. of Mechanical Engineering

ORGANIZING COMMITTEE

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Mr. P. Srinivasa Rao	Mr. T. Ashok Kumar
Mr. K. Kiran Chand	Mr. P. Sravani
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Schedule

NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)

DEPARTMENT OF MECHANICAL ENGINEERING

A One Week Faculty Development Program on

"AUTODESK-FUSION 360 GENERATIVE DESIGN, PCB DESIGN AND CAM"

In association with Autodesk - Design Labs, Hyderabad

From 22/07/2023 to 27/07/2023

PROGRAM SCHEDULE

Date and Day	Time	Topic	Resource Person
22-07-2023 Saturday	09-30 to 11-00	Introduction to Autodesk - Fusion 360	Mr. Vadali Bhaskara Rao, CEO, Design Labs, Hyderabad
	11-00 to 12-30	Creating the First Feature with Quick Shapes	Mr. Ajay Kumar Reddy Peram, Certified Trainer, Design Labs, Hyderabad
	12-30 to 02-00	**Lunch**	
	02-00 to 04-00	Creating Sketched Geometry	Mr. Ajay Kumar Reddy Peram, Certified Trainer, Design Labs, Hyderabad
24-07-2023 Monday	09-30 to 11-00	Sketched Secondary Features	Mr. Ajay Kumar Reddy Peram, Certified Trainer, Design Labs, Hyderabad
	11-00 to 12-30	Pick and Place Features	Mr. Ajay Kumar Reddy Peram, Certified Trainer, Design Labs, Hyderabad
	12-30 to 02-00	**Lunch**	
	02-00 to 04-00	Construction Features	Mr. Vadali Bhaskara Rao, CEO, Design Labs, Hyderabad
25-07-2023 Tuesday	09-30 to 11-00	Equation and Parameters	Mr. Ajay Kumar Reddy Peram, Certified Trainer, Design Labs, Hyderabad
	11-00 to 12-30	Additional Features and Operations	Mr. Ajay Kumar Reddy Peram, Certified Trainer, Design Labs, Hyderabad
	12-30 to 02-00	**Lunch**	
	02-00 to 04-00	Design and Display Manipulation	Mr. Vadali Bhaskara Rao, CEO, Design Labs, Hyderabad
	09-30 to 11-00	Single Path Sweeps	Mr. Ajay Kumar Reddy Peram, Certified Trainer, Design Labs, Hyderabad

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26-07-2023 Wednesday	11-00 to 12-30	Distributed Design	Mr. Vadali Bhaskara Rao, CEO, Design Labs, Hyderabad
	12-30 to 02-00	**Lunch**	
	02-00 to 04-00	Component Design Tools	Mr. Vadali Bhaskara Rao, CEO, Design Labs, Hyderabad
27-07-2023 Thursday	09-30 to 11-00	Multi-Body Design, Editing Sculpted Geometry	Mr. Vadali Bhaskara Rao, CEO, Design Labs, Hyderabad
	11-00 to 12-30	Static Analysis Using the Simulation Environment	Mr. Ajay Kumar Reddy Peram, Certified Trainer, Design Labs, Hyderabad
	12-30 to 02-00	**Lunch**	
	02-00 to 04-00	Outputting for 3D Printing	Mr. Ajay Kumar Reddy Peram, Certified Trainer, Design Labs, Hyderabad

Coordinator

HOD

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Attendance sheet

NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)

DEPARTMENT OF MECHANICAL ENGINEERING

A One Week Faculty Development Program on

"AUTODESK-FUSION 360 GENERATIVE DESIGN, PCB DESIGN AND CAM"

In association with Autodesk - Design Labs, Hyderabad

From 22/07/2023 to 27/07/2023

ATTENDANCE SHEET

S. No.	Name of the Participant	Designation	Day 1 (22.07.2023)		Day 2 (24.07.2023)		Day 3 (25.07.2023)		Day 4 (26.07.2023)		Day 5 (27.07.2023)	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	MADA SREENIVASA KUMAR	Professor & Principal										
2	DONTHAMSETTY SUNEEL	Professor & Vice Principal										
3	BATHULA VENKATA SIVA	Professor & HOD										
4	DONEPUDI JAGADISH	Professor										
5	PENUGONDA SURESH BABU	Associate Professor										
6	MENDI VENKANNABABU	Associate Professor										
7	MANDULA VENKAIAH	Associate Professor										
8	PATHURI SRINIVASARAO	Associate Professor										
9	CHINTHAMREDDY SEKHAR	Associate Professor										

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10	KOPILA KIRAN CHAND	Associate Professor											
11	PILLI SRAVANI	Associate Professor											
12	THELLA ASHOK KUMAR	Associate Professor											
13	KANDRU JOHN BABU	Assistant Professor											
14	ARIGALLA PAVAN KUMAR	Assistant Professor											
15	DANTHAM RAGHAVENDRA	Assistant Professor											

Coordinator

HOD

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Program Report

NARASARAOPETA
NEC ENGINEERING COLLEGE
(AUTONOMOUS)
Kotappakonda Road, Yellamanda (Post), Narasaraopet – 522601, Guntur District, A.P., India.
Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada, Code: 47,
Accredited by NBA & NAAC, ISO 9001: 2015 Certified Institution
Phone : 08647-239905 Website:www.nrtec.in

Date: 28-06-2023

PROGRAMME REPORT

Name of the Programme : A one Week FDP on **"AUTODESK-FUSION 360 GENERATIVE DESIGN, PCB DESIGN AND CAM"**

Dates : 22nd to 27th July, 2023

Details of the Resource Persons :

1. Name : Mr. Vadali Bhaskara Rao
   Designation : CEO
   Organization : Design Labs, Hyderabad
   Phone No : 984821124
   Mail.Id : designlabshyd@gmail.com

2. Name : Mr. Ajay Kumar Reddy Peram
   Designation : Certified Trainer,
   Organization : Design Labs, Hyderabad
   Phone No : 9700147335
   Mail.Id : Ajay.k.r@outlook.com

OBJECTIVE OF THE PROGRAMME:

The aim of this course is to train faculty mem-bers, scientists, industrial personnel, research scholars, etc. on Navigate the Autodesk Fusion 360 user interface, Generating 3D parts from sketches, Placing and constraining/connecting parts in assemblies and Creating & annotating drawings and views. The fundamental princi-ples guiding the advances in these areas will be presented.

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TOPIC COVERED:

- Introduction to Autodesk - Fusion 360
- Creating the First Feature with Quick Shapes
- Creating Sketched Geometry
- Sketched Secondary Features
- Pick and Place Features
- Construction Features
- Equation and Parameters
- Additional Features and Operations
- Design and Display Manipulation
- Single Path Sweeps
- Distributed Design
- Component Design Tools
- Multi-Body Design
- Editing Sculpted Geometry
- Static Analysis Using the Simulation Envi-ronment
- Outputting for 3D Printing

OUTCOME OF THE PROGRAMME:

This Faculty Development Program (FDP) enhance the knowledge and skills of participants in the area of CAD / CAM to highlight the research being carried out and promote further research in these areas. It is also familiarize the participants with the latest tools and techniques as well as to introduce Micromachining, Rapid Prototyping, CAD / CAM software etc. This faculty development program teach the cloud integrated advanced 3D software package (Autodesk Fusion 360). This faculty development program is designed to demonstrate educators, engineers and industrial designers how to use Fusion 360 to model (free-form and parametric modelling), simulate and manufacture their designs. Participants have the opportunity to create FEA & CAM/3D printing hand on practice.

No. of participants: 15

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Press Note &Coverage

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(Sponsored by Gayatri Educational Development Society), Narasaraopet.
Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK, Kakinada. Code : 47, NIRF Ranking 251 - 300 Band
Accredited by NBA (CSE, ECE) & NAAC "A+" Grade, ISO 9001 : 2015 Certified Institution.
08647-239904 Visit us at : www.nrtec.in e-mail : principal@nrtec.in

Press Note

28.07.2023

ఎన్.ఈ.సీ లో "ఫ్యూషన్ 360-జెనెరేటివ్ డిజైన్, PCB డిజైన్ మరియు CAM" లపై ముగిసిన వారం రోజుల ఉపాధ్యాయ శిక్షణా తరగతులు

స్థానిక నరసరావుపేట ఇంజనీరింగ్ కళాశాల మెకానికల్ ఇంజనీరింగ్ విభాగం ఆధ్వర్యంలో డిజైన్ లాబ్స్, హైదరాబాద్ మరియు ఆటోడెస్క్ వారి సౌజన్యంతో "ఇంట్రొడక్షన్ టు ఫ్యూషన్ 360 - జెనెరేటివ్ డిజైన్, PCB డిజైన్ అండ్ క్యాం (INTRODUCTION TO FUSION 360 - GENERATIVE DESIGN, PCB DESIGN AND CAM)" అనే అంశం పై ఈ నెల 22 వ తారీఖున మొదలైన వారం రోజుల ఉపాధ్యాయ శిక్షణా తరగతులు నిన్నఅనగా 27.07.2023 న ముగిశాయని మెకానికల్ విభాగాధిపతి డాక్టర్ బి.వేంకట శివ గారు తెలియజేశారు. డిజైన్ లాబ్స్ కి చెందిన సి.ఈ.ఓ శ్రీ వి. భాస్కర రావు మరియు సర్టిఫైడ్ ట్రైనర్ శ్రీ పి. అజయ్ కుమార్ రెడ్డి గార్లచే శిక్షణ యివ్వడం జరిగిందని అన్నారు.

కళాశాల వైస్ పిన్సిపాల్ డాక్టర్ డి. సునీల్ గారు గారు మాట్లాడుతూ ఈ వారం రోజుల శిక్షణ శిబిరంలో ఫ్యూషన్ 360 సాఫ్ట్వేర్ యొక్క ఆవశ్యకత, స్కెచింగ్, సాలిడ్ మోడలింగ్, మోడల్ అసెంబ్లింగ్, బేసిక్స్ అఫ్ అనిమేషన్ అండ్ రెండరింగ్, సిములేషన్ మొదలగు అంశాలపై శిక్షణను యివ్వడం జరిగిందని తెలియజేశారు.

ఈ సందర్భంగా కళాశాల పిన్సిపాల్ డాక్టర్ యమ్. శ్రీనివాస కుమార్ గారు మాట్లాడుతూ ఈ ఫ్యూషన్ 360 అనేది 3D CAD, మోడలింగ్, మ్యానుఫ్యాక్చరింగ్, ఇండస్ట్రియల్ డిజైన్, ఎలక్ట్రానిక్స్ అండ్ మెకానికల్ ఇంజనీరింగ్ తదితర వాటికి ఒక వేదిక లాంటిదని తెలియజేశారు.

కళాశాల వైస్ చైర్మన్ శ్రీ మిట్టపల్లి చక్రవర్తి గారు మాట్లాడుతూ ఈ ఆటోడెస్క్ ఫ్యూషన్ 360 అనేది ఒక సిములేషన్ మరియు ఎనాలిసిస్ టూల్ అని, దీనిని ఉపయోగించి డిజైనర్లు వారి యొక్క భిన్న మైన డిజైన్స్ ను రియల్ వరల్డ్ సిట్యుయేషన్స్ కి తగ్గట్టుగా టెస్ట్ చేసి, కావలసిన విధంగా మార్పులు చేర్పులు చేస్తారని తెలియజేశారు.

కళాశాల సెక్రటరీ శ్రీ మిట్టపల్లి రమేష్ బాబు గారు మాట్లాడుతూ తమ కళాశాలలో విద్యార్థులకు ఆధునిక పరిజ్ఞానం పై నిర్వహిస్తున్న ఇలాంటి కార్యక్రమాలు వారి పురోభివృద్ధికి మరియు అభ్యున్నతికి ఎంతగానో ఉపయోగపడతాయని తెలిపారు.

కళాశాల చైర్మన్ శ్రీ మిట్టపల్లి వెంకట కోటేశ్వరరావు గారు శిక్షకులు శ్రీ వి. భాస్కర రావు, శ్రీ పి. అజయ్ కుమార్ రెడ్డి గార్లను మరియు ఈ కార్యక్రమ నిర్వాహకులను అభినందించారు. ఈ కార్యక్రమ సమన్వయకర్తగా డాక్టర్ వెంకన్న బాబు గారు వ్యవహరించారు.

Dr. B.Venkata Siva
Head – Mechanical Eng. Dept., NEC
Cell: 9692464540

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Sample Certificates



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ASHOK KUMAR THELLA
PARTICIPANT NAME

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EVENT

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JAGADISH DONEPUDI
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KIRAN CHAND KOPILA
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EVENT LOCATION

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JOHN BABU KANDRU
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SEKHAR CHINTHAMREDDY
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EVENT

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One week Faculty Development Program on "Devops and its Tools"

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Phone No. : 08647-239904, Fax No. : 08647-239902

E-mail: principal@nrtec.in Website: http://www.nrtec.in

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 05-07-2023

CIRCULAR

All the Teaching staff members are here by informed that the Department of Computer Science and Engineering is going to organize a One Week Faculty Development Program on Devops and It's Tools during 10th - 15th July ,2023. All the registered Teaching staff are requested to attend the FDP without fail.

Venue : **Computer Lab(2201), Block-2, Narasaraopeta Engineering College.**

Coordinator : Dr. S.V.N.Sreenivasu
Professor in CSE Dept.

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Copy to:

1. Chairman for Favor of Information
2. Principal
3. AO for Necessary arrangements
4. Department Notice Boards
5. Circulation to all Staff Members
6. All HOD's

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Brochure

Course Content:

- Cloud computing and public cloud
- infrastructure as a service
- Platform as a Service
- services in aws
- Ec2 service explanation
- how to start instances
- Aws console board Explaination
- What is devops and devops tools
- git Explaination
- git init , git add , git commit
- git push , remote repo Explaination
- git clone, git pull
- git remote add origin & git merge
- git advanced commands
- what is Jenkins and Jenkins setup
- different types of jenkins jobs
- freestyle job and pipeline job
- git jenkins integration
- sample jenkins job creation
- jenkins dash board Explaination
- different components in jenkin Explaination

Resource Person:

- **Mr.Dasari Siddhartha**
  Senior Software
  Wipro Technologies

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ABOUT THE COLLEGE

The Narasaraopeta Engineering College was established in the year 1998 by Gayatri Educational Development Society, Narasaraopet, under the leadership of Sri M.V.Koteswara Rao, who has a vision of developing this college as an autonomous institution of higher learning & knowledge in the heart of Palnadu Region. The college is approved by AICTE, permanently affiliated to JNTUK Kakinada, Accredited 'A+' Grade by NAAC, Accredited thrice by NBA and ISO 9001: 2008 certified. The college has three recognized R&D centers by JNTUK. NEC is conferred as 'AUTONOMOUS' in the year 2016. The college has launched Incubation Centre where the students can implement their ideas. The college has an MOU with Oracle University (USA). NEC has MOUs with various Foreign Universities. The college offers seven M.Tech programmes, two PG courses of MCA, MBA and six courses at B.Tech level in the branches EEE, CSE, IT, CSE (AI) ECE, ME and CIVIL. The college has well equipped laboratories including 1000 computers with a bandwidth of 146 MBPS internet. Microsoft Innovation Centre was established in the college through which more than 200 Mobile Apps, 50 Cloud Apps and 100 Windows Apps are uploaded every year.

In order to build a vibrant entrepreneurship ecosystem established Venture Development Centre (VDC) in association with i2E North Eastern University, USA and APSSDC. Also, the college has Indo-European skilling Centre for Mechatronics and Industrial Robotics in collaboration with APSSDC and ARC (Applied Robot Control), Germany. AP CM's Skill Excellence Center to provide students access to the most advanced courses by industry giants. The college has established Institution Innovation Council(IIC) as per the norms of Innovation Cell, Ministry of HRD, Govt. of India with ranked 3 and 1/2 Star Rating

NEC

A One Week Faculty Development Program on Devops and It's Tools

10th - 15th July , 2023

Organized by

Department of Computer Science & Engineering

NEC NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)

Thrice Accreted By NBA and Accreted By NAAC A+

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ABOUT THE DEPARTMENT

The Department of CSE started in the year 1998 with an intake of 60 later it started M.Tech in PG Level with an intake of 18. Now the intake of the CSE is 240 in UG and M.Tech is 36 in PG, the department has thrice accredited by NBA, right from the inception of the college, boasts of well experienced and technically excellent faculty members. The department imparts knowledge and skills to inculcate the professional responsibilities, leadership qualities to succeed in diverse career, capability to utilize engineering skills in industry. The sincere efforts and dedication of our faculty and keen interest exhibited by our students have produced not only a commendable academic record and also remarkable achievements in co-curricular and extracurricular activities. The laboratory infrastructure is excellent with state of the art equipment and software. The department faculty encourages the students to implement innovative ideas in their project works, to develop industry readiness and R&D. The faculty has published around 40 research publication papers in different thrust areas like AR&VR,AI, ML, DL, cyber securities etc in every year. seven Ph.Ds. are awarded under our department faculty supervision and two more research scholars are doing Ph.Ds. Many of the faculty members are upgrading their skills by attending the FDP, Conferences, seminars and workshops in innovative and thrust area technologies regularly. The department having 64 faculty members with 15 Professor, 15 Associate Professor and 34 Assist professors. The dept. has organized Workshop on Amazon web services conducted by APSSDC

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Objective of Workshop

The DevOps methodology aims to shorten the systems development lifecycle and provide continuous delivery with high software quality. It emphasizes collaboration, automation, integration and rapid feedback cycles.applications that help to streamline the process of developing software. Most DevOps tools focus on one or more of the following areas: Communication and collaboration. CI/deployment automation.DevOps combines development (Dev) and operations (Ops) to increase the efficiency, speed, and security of software development and delivery compared to traditional processes. A more nimble software development lifecycle results in a competitive advantage for businesses and their customers.DevOps, high quality and value delivered to customers via frequent and fast deliveries, Automate everything is a must.Clearly, we know by now that automation removes manual errors, dependency on an individual, performs faster, and achieves accuracy thereby achieving consistency and reliability.

Target Audience:

- Faculty memebers from AICTE institutions.

Guidelines:

- A test shall be conducted by organizing committee at the end of the program.
- E-certificate shall be issued to those participants who have attended the program

Chief Patron

Sri M.S.Chakravarthi
B.Tech, MS (US),e-MBA (ISB-Hyd)
Vice-Chairman, NEC Group.

Patrons

Sri M.V.Koteswara Rao B.Sc,
Chairman, NEC Group.
Sri M. Ramesh Babu
Secretary, NEC Group.

Co-Patron

Dr. M. Sreenivasa Kumar,
M.Tech., Ph.D (UK)., MISTE.,FIE (I).
Principal.

Convener

Dr. S. N. Tirumala Rao,
Professor & Head, Dept. of CSE.

Coordinator

Dr. S.V.N.Sreenivasu
Professor , Dept. of CSE

ORGANIZING COMMITTEE

Dr. S.V.N.Sreenivasu
Dr. S. Siva Nageswara Rao
Dr. GLN Jayaprada
Mr.K.V.Narasimha Reddy
Mr. M. Satyam Reddy
Ms.Y.Chandana
Mr.D.Venkata Reddy
Mr. K. Jaya Prakash
Ms. G.Saranya
Mohiddin Basha
Dr.K.Lakshminadh
Dr. M . Sireesha
Mr. N.Vijaya Kumar
Mrs Sd. Rizwana
Mr. Sk. Rafi
Ms. M.Suneetha
Mr.M.Venkatarao
Mr.T.G.Ramnadh
Mr.Sk.Kahaja

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Schedule

FDP Schedule : Devops its tools

One Week FDP schudule	
Day	Topics
10-07-2023	cloud computing
	public cloud
	private cloud
	hybride cloud
	infrastructure as a service
	Platform as a Service
	software as a service
	Aws account creation
	intro to aws in cloud
11-07-2023	services in aws
	Ec2 service explanation
	s3 bucket explanation
	ebs volumes
	how to start instances
	how to stop instance
	Terminate the ec2 instances
	aws console board explanation
	regions explanation
12-07-2023	What is devops
	devops tools
	git explanation
	git init , git add , git commit
	git push , remote repo Explanation
13-07-2023	git clone, git pull
	git remote add origin
	git merge
	git advanced commands
14-07-2023	what is jenkins
	Jenkins setup
	different types of jenkins jobs
	freestyle job
	pipeline job
	multibranch pipeline
15-07-2023	git jenkins integration
	sample jenkins job creation
	jenkins dash board explamnation
	different components in jenkins explanation
	Build discoardr, build number , banch
Project	Jenkins tomcat deployement with java app

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Attendance sheet

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

FDP ON DEVOPS AND IT'S TOOLS

DURING 10TH - 15TH July- 2023

S.No	Name	10-07-2023 Signature	11-07-2023 Signature	12-07-2023 Signature	13-07-2023 Signature	14-07-2023 Signature	15-07-2023 Signature
1	Dr.S.N.Tirumala Rao						
2	Dr. S.V.N. Srinivasu						
3	Dr. K. Lakshminadh						
4	Dr. S.Siva Nageswara Rao						
5	Dr. R. Satheesh Kumar						
6	V. Mahesh Babu						
7	Dr.M. Sireesha						
8	N. Vijaya Kumar						
9	Sd. Rizwana						
10	P. Swathi						
11	Sk. Subhani						
12	Sk. Khaja Mohiddin Basha						
13	Ch. Lakshmi Tulasi						
14	SK. Gousya Pyari						
15	K. Rambabu						
16	Sk. Rafi						
17	M. Satyam Reddy						
18	K V.Narasimha Reddy						
19	D. Raju						
20	R. Saritha						
21	P. Rama Devi						
22	O. Sambasivarao						
23	K. Ramani						
24	U. Vijay Kumar						
25	A. Thanuja						
26	N. Anantha Rami Reddy						
27	K. V. Pavan Kumar						
28	R. Dilip Kumar						
29	T. Venkata Manohar						
30	G. Venkateswararao						
31	Y. Chandana						
32	M. Ramakrishna Reddy						
33	G. Srinadh						

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S.No	Name	10-07-2023 Signature	11-07-2023 Signature	12-07-2023 Signature	13-07-2023 Signature	14-07-2023 Signature	15-07-2023 Signature
34	K. Jayaprakash						
35	D. Venkata Reddy						
36	R. Sowjanya						
37	M.Suneetha						
38	G. Saranya						
39	D. Thabitha						
40	M. Santhosh Kumar						
41	U. Nirmala						
42	T. Anil Kumar						
43	P. Srinivasa Rao						
44	S. Venkateswara Rao						
45	K. Swetha						
46	D. Ramesh						
47	M.Venkatarao						
48	K. Bharathi						
49	V.V. Abhilasha						
50	M. Nandini						
51	Ch. Sita Maalakshmi						
52	K. Sireesha						
53	P. Neelima						
54	B. Dileep Kumar						
55	B. Anoch						
56	A. Ramesh						
57	P. Salmon						
58	T. G. Ramnadh Babu						
59	B. Sathish Kumar						
60	K. Shishir						
61	P.Santhi						

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Program Report

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Phone: 08647-239905 Website: www.nrtec.in

Date: 17th July ,2023.

Program Report

Name of the program : Faculty Development Program on Devops and It's Tools.

Date(s) of FDP : 10th - 15th July ,2023.

Details of the Co- Ordinator:

Name	: **Dr. S.V.N.Sreenivasu**
Designation	: Professor in CSE.
Organization	: Narasaraopeta Engineering College
Phone No.	: 9849866902
Mail-id	: **drsvnsrinivasu@gmail.com**

Details of the Resource Person(s):

Name	: **Mr.Dasari Siddhartha**
Designation	: Senior Software.
Organization	:Wipro Technologies
Phone No.	: 8019666369
Mail-id	: ravichava369@gmail.com

Objective of the Program :

The DevOps methodology aims to shorten the systems development lifecycle and provide continuous delivery with high software quality. It emphasizes collaboration, automation, integration and rapid feedback cycles.applications that help to streamline the process of developing software. Most DevOps tools focus on one or more of the following areas: Communication and collaboration. CI/deployment automation.DevOps combines development (Dev) and operations (Ops) to increase the efficiency, speed, and security of software development and delivery compared to traditional processes. A more nimble software development lifecycle results in a competitive advantage for businesses and their customers.

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Topics Covered

- Cloud computing and public cloud
- infrastructure as a service
- Platform as a Service
- services in aws
- Ec2 service explanation
- how to start instances
- aws console board Explaination
- What is devops and devops tools
- git explanation
- git init , git add , git commit
- git push , remote repo Explaination
- git clone, git pull
- git remote add origin & git merge
- git advanced commands
- what is Jenkins and Jenkins setup
- different types of jenkins jobs
- freestyle job and pipeline job
- git jenkins integration
- sample jenkins job creation
- jenkins dash board Explaination
- different components in jenkins Explaination

Outcome of the program

After completion of this program, the faculty are able to:

1.Interpret fundamentals of Automation Testing Using Selenium.
2.Analyze Manual Testing Concepts.
3.Analyze DevOps Essentials Organizing.
4.Analyze DevOps Services Configuration.

No. of Participants : 60

Coordinator

Dr. S.V.N.Sreenivasu

HoD-CSE

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Press Note & Coverage

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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Press Note

ఎన్. ఈ. సి లో "దేవోప్స్ అండ్ ఇట్స్ టూల్స్" పై

ఇంజనీరింగ్ అధ్యా పకులకు 07 రోజుల శిక్షణ తరగతులు ప్రారంభం

స్థానిక నరసరావుపేట ఇంజనీరింగ్ కళాశాలలో కంప్యూ టర్ సైన్స్ అండ్ ఇంజనీరింగ్ విభాగ ఆధ్వ ర్యంలో ఇంజనీరింగ్ అధ్యా పకులకు "**దేవోప్స్ అండ్ ఇట్స్ టూల్స్** "పై 07 రోజులు శిక్షణా తరగతులు ప్రారంభించినట్లు కళాశాల వైస్ చైర్మ న్ శ్రీ మిట్టపల్లి చక్రవర్తి గారు ఒక ప్రకటనలో తెలిపారు.

శిక్షణ తరగతులు ప్రారంభ కార్యక్రమములో ముఖ్య అతిథులుగా మిస్టర్ దాసరి సిద్ధార్థ, సాఫ్ట్వేర్ ఎక్స్పర్ట్, విప్రో టెక్నాలజీస్ శిక్షకులుగా వ్య వహరించి అధ్యాపకులకు "దేవోప్స్ అండ్ ఇట్స్ టూల్స్" కి సంబంధించిన ఏ డబ్ల్యు ఎస్ దేవాప్ స్కూ ల్స్ యొక్క గిట్ ,గిటాబ్ ,జెన్కి న్స్ డాక్టర్స్ s3, ఈసిటూ లోడ్ బ్యా లెన్స్ వంటి మొదలగు అంశాలు గురించి వివరించారు

.ఈ సందర్భంగా కళాశాల ప్రిన్సి పల్ డాక్టర్ ఎం శ్రీనివాస్ కుమార్ గారు మాట్లాడుతూ అధ్యా పకులను ఉద్దేశించి ప్రస్తుత సాఫ్ట్వే ర్ ఇంజనీరింగ్ లో "దేవోప్స్ అండ్ ఇట్స్ టూల్స్" ద్వా రా చాలా ఉద్యో గ అవకాశములు విద్యా ర్థులకు అందించుటకు అధ్యా పకులకు శిక్షణ అవసరము అని, కళాశాల మేనేజ్మెంట్ వారు ఈ అవకాశమును ఇంజనీరింగ్ కళాశాల అధ్యాపకులకు కల్పించారని ,అధ్యా పకులకు 07 రోజులు శ్రద్ధగా శిక్షణ తీసుకుని మీ ఇంజనీరింగ్ కళాశాలలోని విద్యార్థులకు బోధనా చేయవలెనని కోరారు.కంప్యూటర్ సైన్స్ అండ్ ఇంజనీరింగ్ విభాగ అధిపతి డాక్టర్ ఎస్. ఎన్ తిరుమల రావు గారు మాట్లాడుతూ ,ఈ 07 రోజుల శిక్షణ యందు "దేవోప్స్ అండ్ ఇట్స్ టూల్స్ లో "ఇంట్రడక్షన్ టూ ఎస్ టి ఎల్ సి ,మాన్యు వల్ టెస్టింగ్ కాన్సె ప్ట్స్, ఏపీ టెస్టింగ్, ఆర్గనైజింగ్ దేవాప్ సర్వీ సెస్ కాన్ఫి గరేషన్ మేనేజ్మెంట్ మొదలగు అంశాల మీద శిక్షణ ఇస్తారని తెలిపారు.

అధ్యా పక శిక్షణా తరగతులు కోఆర్డినేటర్ డాక్టర్ ఎస్. వి. ఎన్. శ్రీనివాస్ గారు మాట్లాడుతూ ఈ తరగతులకు ఆంధ్ర మరియు తెలంగాణ రాష్ట్రాల నుండి 61 మంది ఇంజనీరింగ్ అధ్యా పకులు పాల్గొన్నా రు అని తెలిపారు.

ఈ కార్య క్రమంలో కళాశాల చైర్మ న్ మిట్టపల్లి కోటేశ్వ రావు గారు కళాశాలలోని ప్రతి ఒక్క అధ్యా పకులు సంవత్స రంలో శిక్షణ తరగతులు ఎక్క డైనా తప్ప నిసరిగా హాజరు అవ్వా లని మేము పూర్తి సహాయ సహకారం అందిస్తామని ఈ సందర్భంగా గుర్తు చేశారు.

కళాశాల సెక్రటరీ మెట్ట ల్లి రమేష్ గారు మాట్లాడుతూ, ఈ శిక్షణ తరగతులను నిర్వ హిస్తున్న కంప్యూ టర్ సైన్స్ అండ్ ఇంజనీరింగ్ అల్లైడ్ విభాగాలను అభినందించారు.

ఈ కార్యక్రమం నందు కళాశాల వైస్ ప్రిన్సిపల్ డాక్టర్ డి సునీల్ గారు వివిధ విభాగాల అధిపతులు అధ్యా పకులు పాల్గొన్నా రు.

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Photos

FDP on Devopps And its Tools



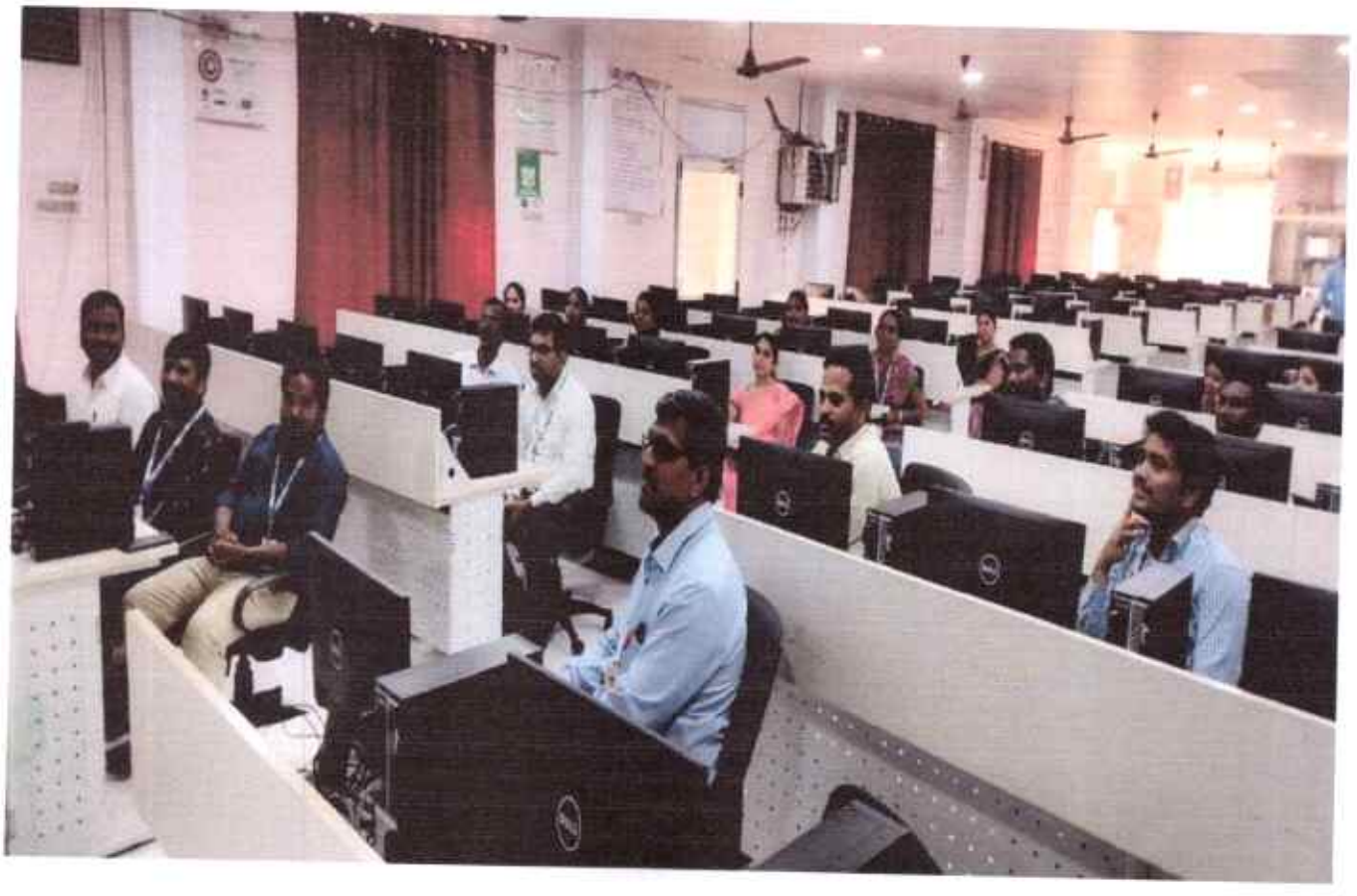


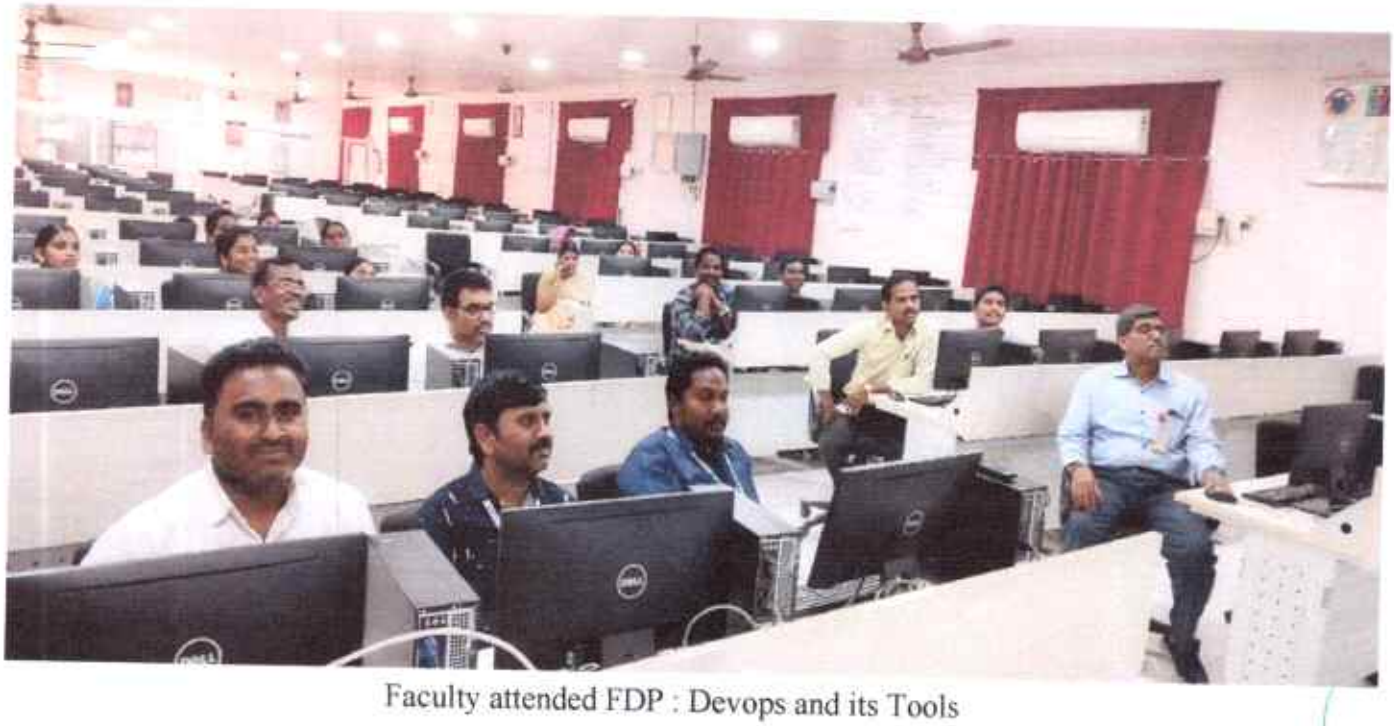
Resource person and HOD addressing FDP: Devops and its Tools

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FDP on Devopps And its Tools





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Website : www.nrtec.in

Certificate of Participation

This Certificate is Awarded to

Dr.S.N.Tirumala Rao

for his / her Outstanding Participation in Six Day Faculty Development Progam

on "Devops and its Tools"

Conducted from 10th - 15th July 2023

by Department of Computer Science & Engineering

in Collabration with **VJ Technologies**

Banavat Kota Naik	Dr. S.V.N. Sreenivasu	Dr. S.N. Tirumala Rao	Dr. M.Sreenivasa Kumar
VJ Technologies - MD	Prof. in CSE	HOD - CSE	Principal

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Certificate of Participation

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M.Venkata Rao

for his / her Outstanding Participation in Six Day Faculty Development Progam

on "Devops and Its Tools"

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in Collabration with **VJ Technologies**

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for his / her Outstanding Participation in Six Day Faculty Development Progam

on "Devops and Its Tools"

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Certificate of Participation

This Certificate is Awarded to

Y.Chandana

for his / her Outstanding Participation in Six Day Faculty Development Progam

on "Devops and Its Tools"

Conducted from 10th - 15th July 2023

by Department of Computer Science & Engineering

in Collabration with **VJ Technologies**

Banavat Kota Naik	Dr. S.V.N. Sreenivasu	Dr. S.N. Tirumala Rao	Dr. M.Sreenivasa Kumar
VJ Technologies - MD	Prof. in CSE	HOD - CSE	Principal

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NARASARAOPET - 522 601
Guntur (Dist.), A.P.

NEC NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)

3rd International Conference on "Emerging Trends in Civil Engineering"

NEC

NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)

Circular

NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)

Approved by AICTE, Affiliated to JNTUK, Kakinada, Accredited by NBA & NAAC, RTA Approved Pollution test Centre, ISO 9001 : 2008 Certified Institution)

Kotappakonda Road, Yellamanda (Post), Narasaraopet – 522601, Guntur district, Andhra Pradesh

Phone No. : 08647-239923, 9692464540, Fax No. : 08647-239902

Website: http://www.nrtec.in

DEPARTMENT OF CIVIL ENGINEERING

Date : 19-06-2023

CIRCULAR

Department of Civil Engineering is organizing a 3rd International Conference on **"EMERGING TRENDS IN CIVIL ENGINEERING", NEC-ICETCE-2K23** on **23/06/2023 & 24/06/2023** for civil faculty. Request all the faculty members to attend.

Program Convenor:	Dr.P.Naga Sowjanya (Head, Dept. of Civil)	(8897170424)
Program Co-Convenors:	Mr.K.Jeyavignes, Asst Professor	(9885812796)
	Mrs.A.Lakshmi Prasanna, Asst Professor	(8374694569)

IQAC **HOD** **PRINCIPAL**

Copy to:

1. Chairman for Favour of Information
2. Principal
3. AO for Necessary arrangements
4. Department Notice Boards
5. Circulation to all staff members
6. All HODs

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NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)

Brochure

About NEC

Narasaraopeta Engineering College was established in 1998 by Gayatri Educational Development Society in Narasaraopet, under the leadership of Sri M.V. Koteswara Rao. The vision was to develop the college as an autonomous institution of higher learning and knowledge in the heart of the Palnadu region. The college is approved by AICTE, permanently affiliated with JNTUK Kakinada, and has an NIRF ranking in the 251-300 band. It is also accredited with an "A+" grade by the NAAC and has been accredited four times by the NBA. NEC was announced as "Autonomous" in 2016.

The college has launched an Incubation Centre where students can implement their ideas, and the college management has an MOU with Oracle University (USA). Additionally, the college has an AP CM's Excellence Centre, an AI&ML Centre, and an MSME Centre. At the B.Tech. level, the college offers ten courses in the following branches: CIVIL, EEE, ME, ECE, CSE, CSE (AI), IT, CSE (AI&ML), CSE (DS), and CSE (CS). The college has well-equipped laboratories, including 1200 computers with a bandwidth of 400 MBPS and a Microsoft Innovation Centre.

The college has an Indo-European Skill Centre for Mechatronics and Industrial Robotics in collaboration with APSSDC and ARC (Applied Robot Control), Germany. Additionally, an AP CM Skill Excellence Centre was established to provide students access to the most advanced courses offered by industry giants. The college has an MOU with New Mexico State University, USA, which enables student and faculty exchange programmes.

Narasaraopet is known as the gateway to Palnadu and is located in the Palnadu district on the railway line from Guntur to Guntakal. It is 50 km from Guntur and 25 km from Chilakaluripet (NH5) by road. The town is 120 km away from Vijayawada Airport. Kotappakonda is a major religious pilgrimage of the diety Lord Shiva, located 5 km from NEC.

ABOUT THE DEPARTMENT

The Department of Civil Engineering was established in the year 2009. The department has been successful in producing excellent and well-trained graduates. Today we have more than 450 Students (UG & PG). Our Civil Engineering department seeks to understand natural phenomena and their applications in the field, and utilize that knowledge to innovate and build sustainable engineering structures for Society. We educate our students in both natural and manmade systems, which enable them to get a true sense of the science of civil engineering. The department has good infrastructural facilities and has full fledged laboratories equipped with adequate state of the art equipment and latest software. Our faculty and staff are dedicated to teach our students such that they are best equipped to serve the region and the nation as professionals, scholars, academic leaders, researchers, and entrepreneurs and tackle complex engineering problems in the field.

Chief Patron

Sri M.S.Chakravarthi,
B.Tech, MS (US), e-MBA (ISB-Hyd)
Vice-Chairman, NEC Group

Patrons

Sri M.V. Koteswara Rao, B.Sc.,
Chairman, NEC Group

Sri M. Ramesh Babu, B.Com.,
Secretary, NEC Group

Co-Patrons

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M.Tech, Ph.D (UK), MISTE, FIE(I)
Principal, NEC

Dr. D.Suneel,
M.Tech, Ph.D, FIE(I), MISTE, MASI
Vice Principal, NEC

Convenor

Dr.P.Naga Sowjanya, B.Tech., M.Tech., Ph.D.
Head, Dept. of CIVIL

Co-Conveners

Mr. K. Jeyavignes, Assistant Professor

Mrs. A.Lakshmi Prasanna, Assistant Professor

Organizing Committee

Mr. M.N.S.Sambasivarao	Ms. K.Yamuna
Mr. K.Anil Kumar	Ms. M.Siva Nagamani
Mr. K.Meghanadh	Mr. G.Anjaneyulu
Mr. N.M.Subhani	Mr. G.Ramanjaneyulu

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(AUTONOMOUS)

(Approved by AICTE, New Delhi &
Permanently affiliated to JNTUK, Kakinada,
Accredited by NAAC 'A+' Grade)

INTERNATIONAL CONFERENCE ON

Emerging Trends in Civil Engineering

NEC-ICETCE-2K23

(ONLINE/OFFLINE)

23rd - 24th June, 2023

Organized By

Department of

CIVIL ENGINEERING

Narasaraopeta Engineering College (Autonomous)
Kotappakonda Road, Yellamanda (Post),
Narasaraopet – 522601, Palnadu District, A.P.
Ph: 08647-239906, 8897170424, 8374694569
Fax No.: 08647-239902
E-Mail: necicetce2023@gmail.com, civilhod@nrtec.in
Website: http://www.nrtec.in

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(AUTONOMOUS)
NARASARAOPET - 522 601
Guntur (Dist.) A.P.

ABOUT THE INTERNATIONAL CONFERENCE

The Department of Civil Engineering Narasaraopeta Engineering college(Autonomous) is glad to announce the "International Conference on Emerging Trends in Civil Engineering (NEC-ICETCE 2023)" on 23rd and 24th June, 2023 at Narasaraopeta Engineering College(Autonomous) Andhra Pradesh, India. The NEC-ICETCE 2023 provides a two-day research extravagance which will be having a perfect blend of keynote addresses and oral presentations via online mode through which an ample networking opportunities for collaborations and partnerships that can drive wide recognition and adds value to the enlisted career profiles from the world's brightest minds in engineering and technology. This platform will eventually benefit the young research minds to bring forth the ideas and develop it into a solution for future world. Conduction of conference will be done virtually (Online mode).

TOPICS OF THE CONFERENCE

- CONSTRUCTION TECHNOLOGY AND MANAGEMENT
- CONSTRUCTION MATERIALS
- ENVIRONMENTAL ENGINEERING
- GEOTECHNICAL ENGINEERING
- STRUCTURAL ENGINEERING
- PRE-STRESSED AND PRE-FABRICATED STRUCTURES
- TRANSPORTATION ENGINEERING
- ADVANCES IN SURVEYING
- WATER RESOURCE ENGINEERING
- GEOLOGY AND GEO PHYSICS
- REMOTE SENSING & GIS

SUBMISSION GUIDELINES

Authors intending to present papers are requested to send softcopy of full length paper in IEEE format not exceeding 5 pages to e-mail: neciocetce2023@gmail.com. The selected papers will be notified for registration.

- Number of Authors per paper is limited to four only.
- E-certificate will be provided to authors who are present during their paper presentation.
- ISBN International conference proceedings will be provided with an additional charge of INR 350 (Cost of one book)
- International Conference will be conducted on Microsoft Teams.
- All submissions must include Title, Author(s) and Affiliation(s), Full Address for correspondence

PARTICIPANTS

Research Scholars / Academicians / Industrial Professionals / Students

CONFERENCE ADVISORY COMMITTEE

Dr. Shashi Kumar Gupta,
Retd. Professor, New Zealand

Dr.Chitrini Mozumder,
Research Scientist, Asian Institute of Technology, Bangkok, Thailand

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Dr. Sudheer Kumar Yantrapalli,
Sr. Asst. Professor, Dept.of CE, MITS

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Assoc. Professor, Dept of CE,VCE, Hyderabad

Dr.Vasanth Govind Kumar Villuri,
Asst. Professor, Geomatic Division, Dept. of Mining Engineering, IIT, Dhanbad

Dr.M. Karthikeyan,
Assoc. Professor, Vignan's Foundation for Science, Technology and Research, Guntur

IMPORTANT DATES

Paper Submission opens from	: 16th May, 2023
Paper Submission closes on	: 09th June, 2023
Acceptance Intimation	: 14th June, 2023
Camera Ready Paper, Copy right form Submission & Author Registration	: 15th July, 2023
Conference Dates	: 23rd & 24th June, 2023

REGISTRATION DETAILS

Categories	Registration Fees
Research Scholars / Faculty	Rs. 300/-
R & D / Industry	Rs. 500/-
Foreign Delegates	US$ 50

NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)
Narasaraopet – 522601, Palnadu District, A.P.
3rd INTERNATIONAL CONFERENCE ON
EMERGING TRENDS IN CIVIL ENGINEERING
NEC-ICETCE-2K23
23rd - 24th June, 2023

APPLICATION FORM

1. Name (in Block Letters): .....
2. Designation : .....
3. College / Organization : .....
4. Address for Communication : .....
   .....
   .....
   Phone No. (with STD Code) : .....
   Mobile No. : .....
   E-mail ID : .....
5. Title of the Paper : .....
   .....
6. Fees: (Tick √ whichever is applicable)
   For Research Scholars/Faculty : INR 300
   For R&D / Industry : INR 500
   For Foreign delegates : US$ 50
7. Mode of Payment: Phone Pay/GPay/Online Transfer
   Name of the Beneficiary : Narasaraopet Engineering College
   Special Saving Account No : 476010100026877
   Bank Name : Axis Bank (Narasaraopet Branch)
   IFSC Code: UTIB0000476

DECLARATION

The information provided by me is true to the best of my knowledge. If selected, I agree to abide by rules and regulations of the organization and shall attend the international conference for the entire duration. I also undertake the responsibility to inform the Convener, in case I am unable to attend the international conference.

Place:
Date :

Signature of the Participant

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Kotappakonda Road, Yellamanda (P.O), NARASARAOPET – 522601, Palnadu District, A.P.

Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada, Accredited 'A+' Grade by NAAC, ISO: 9001 : 2015 Certified Institution

3rd INTERNATIONAL CONFERENCE ON
EMERGING TRENDS IN CIVIL ENGINEERING
(ONLINE/OFFLINE)

NEC-ICETCE-2K23

23rd & 24th June, 2023

Organized by Department of CIVIL ENGINEERING

About the Conference

The Department of Civil Engineering Narasaraopeta Engineering college(Autonomous) is glad to announce the "International Conference on Emerging Trends in Civil Engineering (NEC-ICETCE 2023)" on 23rd and 24th June, 2023 at Narasaraopeta Engineering College(Autonomous) Andhra Pradesh, India. The NEC-ICETCE 2023 provides a two-day research extravagance which will be having a perfect blend of keynote addresses and oral presentations via online mode through which an ample networking opportunities for collaborations and partnerships that can drive wide recognition and adds value to the enlisted career profiles from the world's brightest minds in engineering and technology. This platform will eventually benefit the young research minds to bring forth the ideas and develop it into a solution for future world. Conduction of conference will be done ofline mode.

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- TRANSPORTATION ENGINEERING
- ADVANCES IN SURVEYING
- WATER RESOURCE ENGINEERING
- GEOLOGY AND GEO PHYSICS
- REMOTE SENSING & GIS

Conference Advisory Committee

Dr. Shashi Kumar Gupta,
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Dr. Chitrini Mozumder,
Research Scientist, Asian Institute of Technology, Bangkok, Thailand
Dr. B.Krishna Rao,
Professor of CE, UCEK, JNTUK
Dr. K.V.S.G. Murali Krishna, DAP, JNTUK, Kakinada
Dr.T.V.S.Vara Lakshmi, Asst. Prof, Dept. of CE, ANU Guntur.
Dr. J.V.Gurumurthy,
Professor, Dept. of CE, GFREC, Kurnool.
Dr. Sudheer Kumar Yantrapalli,
Sr. Asst. Professor, Dept of CE, MITS.
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Asst. Professor, Geomatics Division, Dept of Mining Engineering, IIT, Dhanbad
Dr. M.Karthikeyan,
Assoc. Professor, Vignan's Foundation for Science Technology and Research, Guntur

Important Dates

Paper Submission opens from	: 18th May, 2023
Paper Submission closes on	: 09th June, 2023
Acceptance Intimation	: 14th June, 2023
Camera Ready Paper, Copy right form Submission & Author Registration	: 15th July, 2023
Conference Dates	: 23rd & 24th June, 2023

Submission Guidelines

Authors intending to present papers are requested to send two hard copies of full length paper in IEEE format not exceeding 5 pages send to necicetce2023@gmail.com. The selected papers will be notified for registration.

- No. of Authors per paper is limited to four only.
- Certificate will be provided to authors presentation and present during their paper presentation
- Selected Papers will be published in conference Proceedings with ISBN Number. Authours interested published in UGC-CARE journals

Registration & Account Details

Categories	Registration Fees Online	Offline
Students / Faculty	Rs. 300/-	Rs. 500/-
R & D / Industry	Rs. 500/-	Rs. 700/-
Foreign Delegates	US$ 50	US$ 100

Name of the Beneficiary : Narasaraopet Engineering College
Special Saving Account No : 476010100026877
Bank & Branch : Axis Bank, Narasaraopet
IFSC Code: UTIB0000476

UGC-CARE JOURNALS	AMOUNT
International Journal of Management Technology & Engineering (ISSN No 2249-7455)	Rs. 1,500/-
The International Journal Of Analytical And Experimental Modal Analysis (ISSN NO: 0886-9367)	
International Journal of Research (ISSN NO: 2236-6124)	
Suraj Punj Journal of multidisciplinary Research (ISSN: 2394-2886)	
Science, Technology And Development Journal (ISSN NO 0950-0707)	

Paper Submission Link:
https://tinyurl.com/necicetce2k23

Contact Details

Convener:
Dr.P.NagaSowjanya,
B.Tech., M.Tech Ph.D.
Assoc. Professor & Dept. Head 8897170424

Co-Conveners:
Mr. K. Jeyavignes - 9010288919
Mrs. A.Lakshmi Prasanna - 9182574006

Paper Submission through E-mail
necicetce2023@gmail.com

Organizing Committee

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Mr.K. Anil Kumar	Ms. M. Siva Nagamani
Mr.K. Meghanedh	Mr. G. Anjaneyulu
Mr. N.M. Subhani	Mr. G. Ramanjaneyulu

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Schedule

3rd International Conference on Emerging Trends in Civil Engineering (NEC-ICETCE-2K23)

23rd & 24th June, 2023

Organized by Department of Civil Engineering

Narasaraopeta Engineering College (AUTONOMOUS)

Narasaraopet, A.P, India.

Session-1

Session Chair: Dr.Y.Sudheer Kumar, Sr. Asst. Professor, MITS, Madanapalle
Session Co-Chair: **Mr. K. Jeyavignes, Assistant Professor**
Session Co-Ordinator: **Mrs. A.L. Prasanna, Assistant Professor**
(Date: 24/06/2023 Time: 1:00 PM to 05:00PM)

Paper ID	Title of the Paper	Timing	Name of the Author & College	Phone Number
NEC-ICETCE-001	GEOSERVER ESTABLISHMENT AND DEVELOPMENT OF WEB INTERFACE TO APPLICATION OF IRRIGATION WORKS	01:00 to 01:15	GUDIPUDI SIVA NAGA MANIKANTA & NEC	7661071529
NEC-ICETCE-002	OPTIMIZATION OF TIME AND RESOURCES USING PRIMAVERA ON G+5 RESIDENTIAL BUILDING	01:15 to 01:30	AJAY KUMAR GARAPATI & NEC	7075230604
NEC-ICETCE-003	DESIGN AND ANALYSIS OF WATER DISTRIBUTION NETWORK USING WATERGEM SOFTWARE	01:30 to 01:45	P.SAICHARAN & NEC	9949143310
NEC-ICETCE-004	ESTIMATION AND QUALITY ANALYSIS OF GROUND WATER WITH EFFECT OF MINING IN KOTAPPAKONDA REGION	01:45 to 02:00	KOTA HIMABINDU & NEC	8790006656
NEC-ICETCE-005	SEISMIC ANALYSIS OF G+10 RC FRAMED STRUCTURE BY USING ETABS	02:00 to 02:15	VAIKANTI GOPI & NEC	8500014283

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Note: The Conference NEC-ICETCE-2K23 is being conducted online. The link for joining conference will be sent through e-mail of the registered participants and shared in WhatsApp Group

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3rd International Conference on Emerging Trends in Civil Engineering (NEC-ICETCE-2K23)

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Narasaraopeta Engineering College (AUTONOMOUS)

Narasaraopet, A.P, India.

Paper ID	Title of the Paper	Timing	Name of the Author & College	Phone Number
NEC-ICETCE-006	ANALYSIS & DESIGN OF G+5 RESIDENTIAL BUILDING BY USING STAAD PRO	02:15 to 02:30	KANCHARAGUNTA KRISHNADEEP & NEC	9493253840
NEC-ICETCE-007	ANALYSIS & DESIGN OF COMMERCIAL BUILDING (G+6) BY USING STAAD PRO	02:30 to 02:45	BAJI PERECHERLA & NEC	8341159221
NEC-ICETCE-008	SEISMIC RESPONSE OF R.C.C HIGH RISED BUILDINGS IN DIFFERENT ZONES WITH LOCATION OF SHEAR WALL	02:45 to 03:00	TADIBOYINA MOHANGOPI & NEC	9398614335
NEC-ICETCE-009	"GFRG" A SUSTAINABLE, AFFORDABLE AND ALTERNATIVE BUILDING MATERIAL	03:00 to 03:15	POTLA MANIKANTA & UNIVERSITY COLLEGE OF ENGINEERING NARASARAOPET, JNTUK	9440661683
NEC-ICETCE-010	MANUFACTURING OF BRICKS FROM BLACK COTTON SOIL BY USING PLASTIC AS STABILIZER	03:15 to 03:30	BANDARU SRINIVASARAO & NEC	9652066803
NEC-ICETCE-011	MODELLING OF PASSENGER MOVEMENT IN METRO RAIL TRANSIT -HYDERABAD	03:30 to 03:45	VAMSI K & MAHINDRA UNIVERSITY	6305607340

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3rd International Conference on Emerging Trends in Civil Engineering (NEC-ICETCE-2K23)

23rd & 24th June, 2023

Organized by Department of Civil Engineering

Narasaraopeta Engineering College (AUTONOMOUS)

Narasaraopet, A.P, India.

Session-2

Session Chair: Dr.Sk. Mahabub Subhani, Asst. Professor, NIT - AP.
Session Co-Chair: **Mr. K. Meghanadh, Assistant Professor**
Session Coordinator: **Mr. N.M. Subhani, Assistant Professor**
(Date:24/06/2023 Time: 01:00PM to 05:00PM)

Paper ID	Title of the Paper	Timing	Name of the Author & College	Phone Number
NEC-ICETCE-012	EXPERIMENTAL STUDY ON THE COMPRESSIVE STRENGTH OF CARBON FIBER REINFORCED POLYMER CONCRETE	01:00 to 01:15	MADHURI KOPPULA & NEC	7288835163
NEC-ICETCE-013	PARTIAL REPLACEMENT OF CEMENT BY GLASS POWDER IN CONCRETE	01:15 to 01:30	KAKANI ROSAIAH & NEC	9553426598
NEC-ICETCE-014	PARTIAL REPLACEMENT OF COARSE AGGREGATE BY WASTE CERAMIC TILES IN CONCRETE	01:30 to 01:45	SRI DEVI VARA PRASAD & NEC	6301674118
NEC-ICETCE-015	STUDY ON PARTIAL REPLACEMENT OF COARSE AGGREGATE BY JHAMA BRICKS IN CONCRETE	01:45 to 02:00	PASUPULETI GOVARDHAN & NEC	8142077084
NEC-ICETCE-016	PARTIAL REPLACEMENT OF AGGREGATE WITH WASTE PLASTIC	02:00 to 02:15	KOKATI NAGA YASASWINI & NEC	7330859958
NEC-ICETCE-017	PERFORMANCE OF RECYCLED CONCRETE AGGREGATE TOWARDS SUSTAINABILITY	02:15 to 02:30	AASA.POOJA & NEC	6305344437

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Guntur (Dist.), [illegible]

3rd International Conference on Emerging Trends in Civil Engineering (NEC-ICETCE-2K23)

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Narasaraopeta Engineering College (AUTONOMOUS)

Narasaraopet, A.P, India.

Paper ID	Title of the Paper	Timing	Name of the Author & College	Phone Number
NEC-ICETCE-018	IMPROVEMENT OF COMPRESSIVE STRENGTH OF PERVIOUS CONCRETE	02:30 to 02:45	KAMBOTHU VENUGOPAL & NEC	9550013623
NEC-ICETCE-019	PARTIAL REPLACEMENT OF CEMENT WITH SUGARCANE BAGASSE ASH IN CONCRETE	02:45 to 03:00	THIRUMALASETTY CHANDRA NAGA AKHIL & NEC	7032112789
NEC-ICETCE-020	ADDITION OF BASALT FIBER IN CONCRETE WITH PARTIAL REPLACEMENT OF FINE AGGREGATE BY FOUNDRY SAND	03:00 to 03:15	NAGAM AKHIL KRISHNA & NEC	8686817999
NEC-ICETCE-021	A STRENGTH ANALYSIS ON CONCRETE BY REPLACING THE FINE AGGREGATE WITH COPPER SLAG AND QUARRY DUST	03:15 to 03:30	LAKSHMI SAI SUMANTH GELLI & NEC	7569843984
NEC-ICETCE-022	INVESTIGATION THE PERFORMANCE OF FLYASH AND GGBS BASED ON GEOPOLYMER CONCRETE	03:30 to 03:45	MERAJOTHU KIRANMAI & NEC	9397889677
NEC-ICETCE-023	USE OF METAKAOLIN AS POZZOLANIC MATERIAL AND PARTIAL REPLACEMENT WITH CEMENT IN CONCRETE	03:45 to 04:00	KOTAPATI SIVA & NEC	6301855568

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Narasaraopet, A.P, India.

Paper ID	Title of the Paper	Timing	Name of the Author & College	Phone Number
NEC-ICETCE-024	COMPARISION OF GEO POLYMER CONCRETE WITH QUARTZ POWDER OVER CONVENTIONAL CONCRETE	04:00 to 4:15	N BHARGAV KUMAR & ST ANN'S COLLEGE OF ENGINEERING AND TECHNOLOGY	9133295945
NEC-ICETCE-025	AN EXPERIMENTAL INVESTIGATION ON PROPERTYIES OF CONCRETE WITH WASTE FOUNDRY SAND	04:15 to 04:30	PALNATI VENKATA NARENDRA & NEC	7993567056
NEC-ICETCE-026	STUDY ON STRENGTH PROPERTIES OF CONCRETE BY REPLACEMENT OF CEMENT BY EGG SHELL, RICE HUSK ASH AND FLY ASH	04:30 to 04:45	PATTAN SHARUK KHAN & NEC	6239128622
NEC-ICETCE-027	STRENGTH AND DURABILITY PROPERTIES OF SELF-COMPACTION CONCRETE	04:45 to 05:00	ERLAPATI SANTHOSH KUMAR & NEC	7032611499

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Guntur (Dist.), A.P.

Date	TIME	Program
24-06-2023	10.00AM	Program Starts
	10:00am to 10:05am	Welcome Address by Co-Convenor Mr.K. Jeyavignes
	10:05am to 10:10am	Inaugural Address by Convenor & Head of CE, Dr.P.Naga Sowjanya
	10:10am to 10:15am	Presidential Address by Principal Dr.M.Sreenivasa Kumar
	10:15am to 10:18am	Message from Mr.M.Chakravarthy Vice Chairman Nec Group of Colleges
	10:18am to 10:20am	Introduction about Chief Guest
	10:20am to 10:23am	Speech by Chief Guest
	10:23am to 10:25am	Proceedings release by Honourable Principal Dr.M.Sreenivasa Kumar
	10:25am to 10:30am	Vote of Thanks
	10:30 am to 11:30am	Keynote Speech by Chief Guest

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Attendance sheet

NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS): NARASARAOPET
DEPARTMENT OF CIVIL ENGINEERING
ATTENDANCE SHEET: NEC-ICETCE-2K23

S.NO	NAME OF THE FACULTY	DESIGNATION	SIGNATURES	
			23-06-2023	24-06-2023
1	Dr P Naga Sowjanya	Assoc Professor & HOD CE		
2	Mr K Anil Kumar	Assistant Professor		
3	Mr K Meghanadh	Assistant Professor		
4	Mr M N S Sambasiva Rao	Assistant Professor		
5	Mr G V Ramanjaneyulu	Assistant Professor		
6	Mr N M Subhani	Assistant Professor		
7	Mr K Jeyavignes	Assistant Professor		
8	Mrs A Lakshmi Prasanna	Assistant Professor		
9	Mrs K Yamuna	Assistant Professor		
10	Ms M Siva Nagamani	Assistant Professor		
11	Mr G Anjaneyulu	Assistant Professor		
12	Mr P Naresh	Assistant Professor		

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Signature of the Coordinator

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Program Report

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Kotappakonda Road, Yellamanda (Post), Narasaraopet – 522601, Guntur district, Andhra Pradesh
Phone No. : 08647-239923, 9692464540, Fax No. : 08647-239902
Website: http://www.nrtec.in

Date: 26/06/2023

PROGRAMME REPORT

Name of the Programme : A 3rd International Conference on **"Emerging Trends In Civil Engineering", NEC-ICETCE-2K23**

Dates : 23rd & 24th June 2023

Details of the Resource Person

Name : Dr. Chitrini Mozumder

Designation : Affiliated Faculty & Research Specialist

Organization : Asian Institute of Technology, Thailand

Phone No. : +66-2-524 6391

Email : chitrini@ait.asia

Objectives of the Programme:

- Prediction of future water demands in local area and designing water tanks
- Utilizing plastic waste in flexible pavements
- Usage of Primavera software for construction planning
- Structural stability of different framed structures on different seismic zones
- Experimenting on the properties of concrete when partially replacing cement with waste materials
- Investigation on Soil structure and Ground water resources
- Performance of Flyash in soil stabilization
- Analyzing of local area land usage through Remote sensing & GIS
- New trends of constructions and technologies
- Over view of Geo Spatial Technologies For Urban Sustainability

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Topics Covered:

- Infrastructural engineering with water demand
- Transportation Engineering with altered waste materials in road construction
- Construction planning and management using trending software
- Structural and seismic analysis
- Concrete technology with different ingredients
- Soil stabilization techniques
- Remote sensing and Geographical Information system
- Recent updates and technologies in civil engineering
- Geo spatial technologies

Outcomes of the Programme:

- Solving future water demands with durable water tank construction
- Usage of plastic wastes to save environment and improved pavement design
- Time and cost saving in construction projects with reduced paper work
- Earthquake resistant structures
- Strength improved concrete with low cost alternative ingredients
- Optimum usage and recharge of ground water
- Better knowledge in soil structure
- Stabilizing soil with low cost
- Development local areas with help of survey data
- Implementation of updated technologies with faster way of project completion
- Infrastructural Development of Urban areas

No. of participants: 28

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Coordinator

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Press Note &Coverage

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08647-239904 Visit us at : www.nrtec.in e-mail : principal@nrtec.in

24/06/2022

ఎన్.ఈ.సి.లో రెండ్రోజులపాటు ప్రారంభమైన సివిల్ ఇంజనీరింగ్ మూడవ ఇంటర్నేషనల్ కాన్ఫరెన్స్.

స్థానిక నరసరావుపేట ఇంజనీరింగ్ కళాశాల సివిల్ ఇంజనీరింగ్ విభాగం ఆధ్వర్యంలో ఈ రోజు "మిల్లింగ్ టెక్నాలజీస్ ఇన్ సివిల్ ఇంజనీరింగ్ NEC - ICETCE - 2K23" అనే రెండు రోజుల ఇంటర్నేషనల్ కాన్ఫరెన్స్ ఈరోజున మొదలుపెట్టడమైనది. కాన్ఫరెన్స్ కన్వీనర్ మరియు సివిల్ ఇంజనీరింగ్ విభాగాధిపతి డా. పి.నాగ కోటేశ్వర్ గారు తెలియజేశారు.

ఈ కాన్ఫరెన్స్ లో స్వాగతం మరియు కళాశాల ఛైర్మన్ డా॥ యస్. క్రిష్ణివాస కుమార్ గారు మాట్లాడుతూ ఈ కాన్ఫరెన్స్ ని స్పెషల్ గా డా॥ నీతిపి మొజుందర్ [రిసెర్చ్ సైంటిస్ట్ థర్డ్ ఓషియన్ ఇన్స్టిట్యూట్ ఆఫ్ టెక్నాలజీ ఫ్యూచాంగ్] గారిని ఆహ్వానించామని తెలియజేశారు. అలాగే సెషన్ ఛైర్మన్ గా డా॥ పై. సుధీర్ కుమార్, డా॥ వోక్ మువాబుచ్ సుచాని గారు వ్యవహరిస్తారని అన్నారు.

ఈ కాన్ఫరెన్స్ కోర్స్ స్వాగతం మరియు కళాశాల వైస్ ఛైర్మన్ శ్రీ కిల్లపల్లి చంద్రశేఖర్ గారు మట్లాడుతూ ఈ ప్రతిష్టాకరమైన ఇంటర్నేషనల్ కాన్ఫరెన్స్ ని రేపటి వరకు నిర్విహించడం తమకు ఎంతో గర్వకారణమని అన్నారు. 1978 లో తమ కళాశాలలో 3 బిటెక్ కోర్సులతో ప్రారంభించిన ఈ సివిల్ ఇంజనీరింగ్ డిపార్ట్మెంట్ ఎంటెక్ [స్ట్రక్చరల్ ఇంజనీరింగ్] విద్యార్థుల రిసెర్చ్ అవసరమైన అన్ని ల్యాబ్స్ ని కలిగి ఉందన్నారు.

కళాశాల సెక్రటరీ శ్రీ కిల్లపల్లి రమేష్ బాబు గారు మట్లాడుతూ స్థలుడంతో కాన్ఫరెన్స్ లు విద్యార్థులకు, అధ్యాపకులకు ఎంతో ఉపయోగపడతాయని అలాగే కళాశాల మొత్తం భౌతిక వికాసం గలుగుతుందని వ్యాఖ్యా చెందుతున్నారు.

కళాశాల ఛైర్మన్ శ్రీ కిల్లపల్లి వెంకట కోటేశ్వరరావు) గారు ఈ కాన్ఫరెన్స్ కు సహకరించిన అందరికి ధన్యవాదములు తమ కృతజ్ఞతలు తెలియజేస్తూ ఈ కార్యక్రమంలో పాల్గొన్న ముఖ్య అధ్యాపకులను, విద్యార్థులను నిర్వాహకులను మరియు కో కన్వీనర్స్ జయా విగ్నేష్, ఎ. అక్షయ నన్న గారిని అభినందించారు.

8897190424

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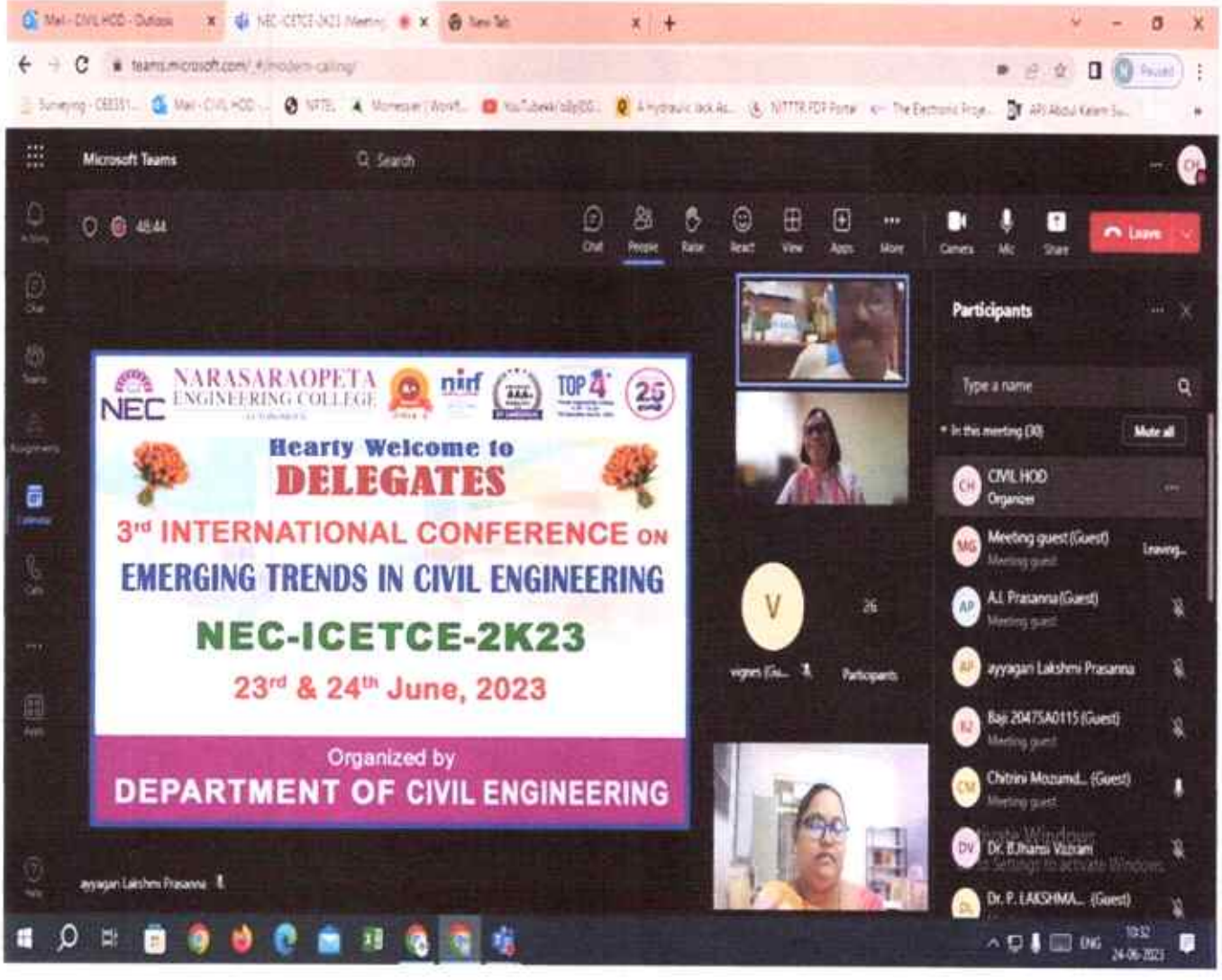


PHOTO OF PRINCIPAL INAUGRATING THE CONFERENCE ALONG WITH THE KEYNOTE SPEAKER AND HOD-CE

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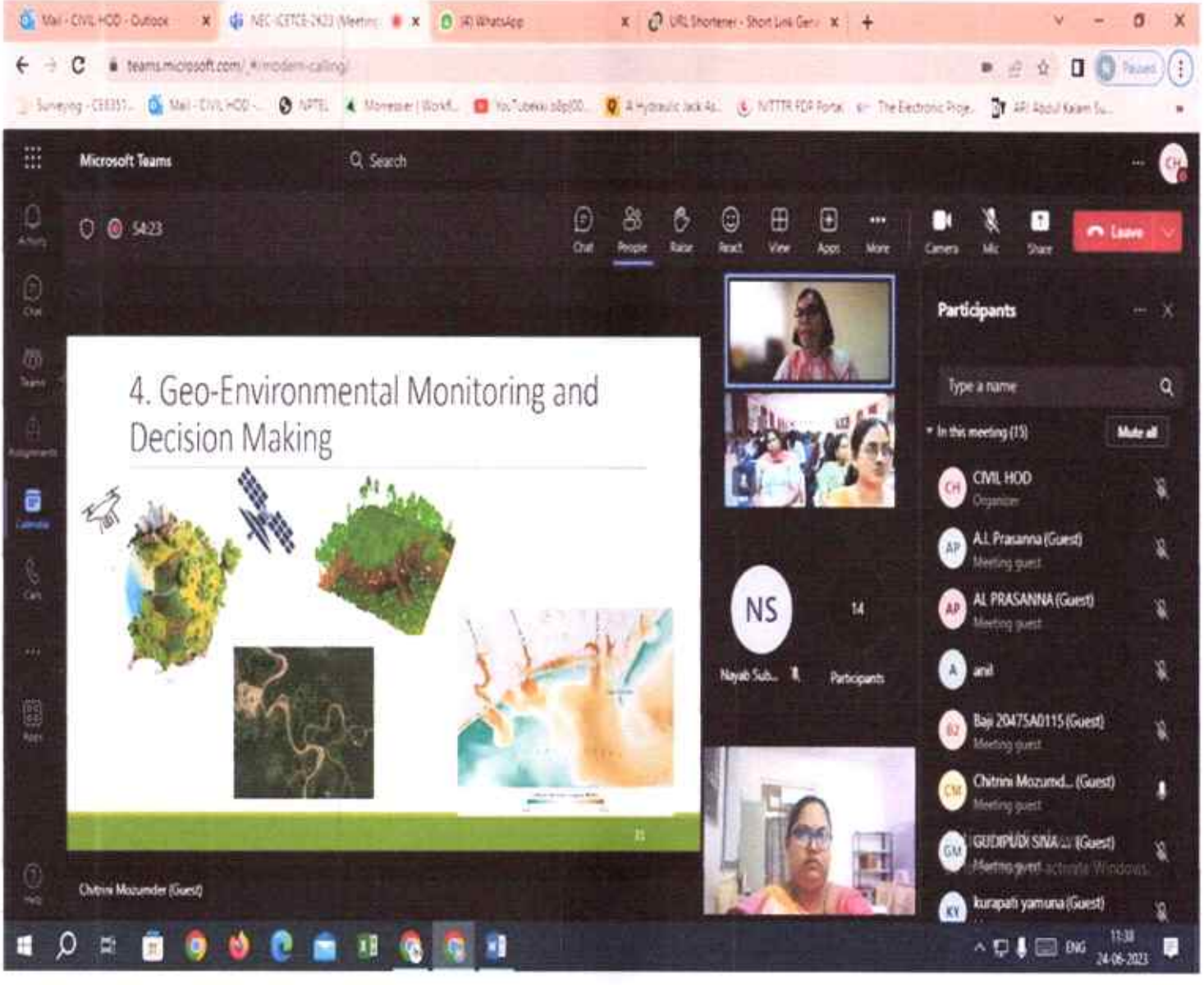


PHOTO OF KEYNOTE SPEAKER PRESENTING HER PPT AND SHARING HER KNOWLEDGE WITH STUDENTS, PARTICIPANTS AND FACULTY

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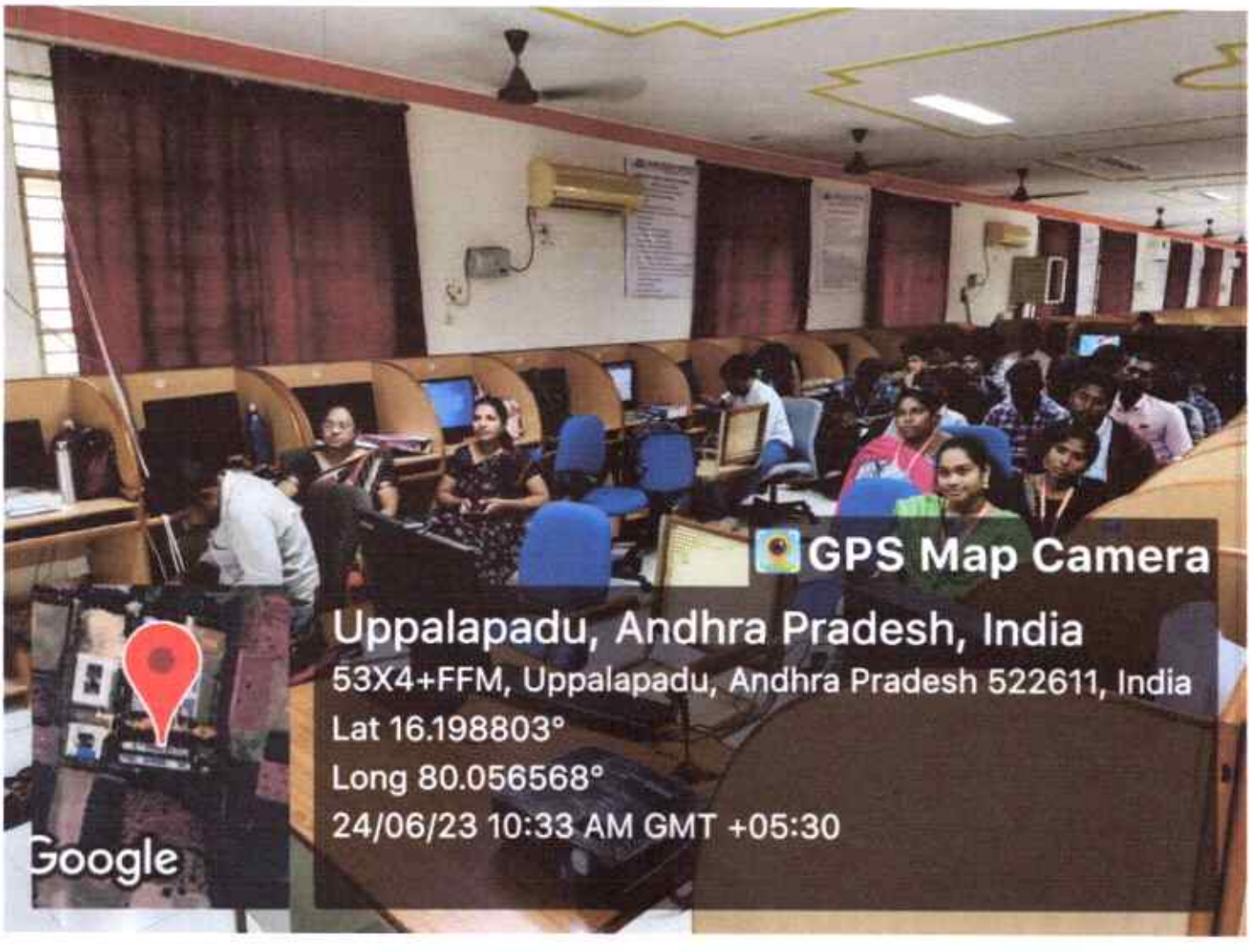


PHOTO OF PRESENT FINAL YEAR CIVIL STUDENTS PARTICIPATING THE CONFERENCE ALONG WITH THE FACULTY AT CAD LAB

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HONOURABLE NEC CHAIRMAN, PRINCIPAL AND CIVIL HOD ALONG WITH CIVIL FACULTY RELEASING THE CONFERENCE POSTER

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3rd International Conference on

EMERGING TRENDS IN CIVIL ENGINEERING

NEC-ICETCE-2K23

ISBN No: 978-93-91420-37-6

23rd & 24th June, 2023

Organized by Department of CIVIL ENGINEERING

Certificate of Merit

This is to certify Best paper award to Mr/Ms/Mrs SIDHURAMULU DUDDU from MAHINDRA UNIVERSITY presented the paper titled Quantifying the viability of Existing Building into Green Building in the **3rd International Conference on Emerging Trends in Civil Engineering (NEC-ICETCE-2K23)** held at Department of Civil Engineering, Narasaraopeta Engineering College, Narasaraopet during 23rd & 24th June, 2023

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Mr. K. Jeyavignes
Co-Convenor

Dr.P.Naga Sowjanya
Convenor

Dr. M. Sreenivasa Kumar
Principal

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NEC-ICETCE-2K23

ISBN No: 978-93-91420-37-6

23rd & 24th June, 2023

Organized by Department of CIVIL ENGINEERING

Certificate of Participation

This is to certify that Mr/Ms/Mrs Potla Manikanta from University college of engineering Narasaraopet, JNTUK presented a paper entitled with "GFRG" A SUSTAINABLE, AFFORDABLE AND ALTERNATIVE BUILDING MATERIAL in the **3rd International Conference on Emerging Trends in Civil Engineering (NEC-ICETCE-2K23)** held at Department of Civil Engineering, Narasaraopeta Engineering College, Narasaraopet during 23rd & 24th June, 2023

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Dr.P.Naga Sowjanya
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23rd & 24th June, 2023

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Certificate of Participation

This is to certify that Mr/Ms/Mrs Erlapati santhosh Kumar from NARASARAOPETA ENGINEERING COLLEGE presented a paper entitled with STRENGTH AND DURABILITY PROPERTIES OF SELF-COMPACTION CONCRETE in the **3rd International Conference on Emerging Trends in Civil Engineering (NEC-ICETCE-2K23)** held at Department of Civil Engineering, Narasaraopeta Engineering College, Narasaraopet during 23rd & 24th June, 2023

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23rd & 24th June, 2023

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Certificate of Participation

This is to certify that Mr/Ms/Mrs N Bhargav Kumar from St Ann's college of engineering and technology presented a paper entitled with COMPARISION OF GEO POLYMER CONCRETE WITH QUARTZ POWDER OVER CONVENTIONAL CONCRETE in the **3rd International Conference on Emerging Trends in Civil Engineering (NEC-ICETCE-2K23)** held at Department of Civil Engineering, Narasaraopeta Engineering College, Narasaraopet during 23rd & 24th June, 2023

IQAC

Mr. K. Jeyavignes
Co-Convenor

Dr.P.Naga Sowjanya
Convenor

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Principal

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International Conference on "Recent Trends in Power Systems and Power Electronics"

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Circular

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Phone No: 08647 – 239913, 9908740746, Fax No. : 08647-239902
E – mail: nrtec_eee@yahoo.com, & hod.eee@nrtenggcollege.com Website: http://www.nrtenggcollege.com
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Date: 25.05.2023

Circular

A international level conference Conduct 10.06.23 on Recent trends in power systems and power electronics NEC –ICPSPE-2K23 in Department AC Seminar hall Block-III. All the Faculty members are informed to attend without fail.

IQAC Coordinator HOD Principal

Copy to

1. Chairman, for favour of information
2. Principal
3. AO, for necessary arrangements
4. Department notice board
5. Circulation to all the Staff Members.

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Brochure

ABOUT THE INTERNATIONAL CONFERENCE

Department of Electrical & Electronics Engineering of Narasaraopeta Engineering College (NEC) Narasaraopet is proud to announce that the 3rd International Conference on Recent Trends in Power Systems and Power Electronics NEC-ICPSPE-2k23 schedule on 10th June, 2023 at NEC, Narasaraopet. The objective of the conference is to highlight the efforts of researchers who have harnessed the power of Technology in order to solve society's most pressing problems and to discuss the challenges faced in due course. This conference is a platform for students, researchers and industry experts to interact and exchange the technical matters, research methodologies and vision into the future in the field of Electrical and Electronics Engineering.

TOPICS OF THE CONFERENCE

The scope of the conference includes, but not limited to the following:

- AI Applications to Power Systems
- Big Data Analytics & IOT for Power Systems
- Control Applications to Power Systems
- Electrical Machines and Drives
- Energy Management for Smart Systems
- Generation, Transmission & Distribution
- Microgrid & Smart Grid
- Renewable Power Conversion Technologies
- Power Quality Issues
- Power System Operations
- Power System Protection
- Power System Stability
- Power Electronics & Control for Smart Grids
- Power Quality Monitoring and Mitigation
- HVDC & FACTS
- Power Electronic Converters and Control Systems
- Power Electronics
- Wide Area Monitoring, Control & Automation
- Electric and Hybrid Vechicles

SUBMISSION GUIDELINES

Authors intending to present papers are requested to send two hard copies of full length paper in IEEE format not exceeding 5 pages along with a soft copy should send through e-mail **neceeeicpspe@nrtec.in**. The selected papers will be notified for registration.

- Number of Authors per paper is limited to four only.
- E-certificate will be provided to authors presentation and present during their paper presentation.
- ISBN International conference proceedings will be provided with an additional charge of INR 500 (Cost of one book)
- International Conference will be conducted on Microsoft Teams.

All submissions must include Title, Author(s) and Affiliation(s), Full Address for correspondence including phone number and e-mail id.

PARTICIPANTS

Research Scholars / Academicians / Industrial Professionals / Students

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Dr. S. Mary Raja Slochanal,
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Dr.Uma Shankar Subramanian,
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Anna University, Chennai

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SVU, Tirupathi

Dr.Venkata Ramana,
SRU, Warangal

Dr.Vijay Kumar,
SRMU, Chennai

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Categories	Registration Fees
Students / Faculty	Rs. 300/-
R & D / Industry	Rs. 500/-
Foreign Delegates	US $50

Name of the Beneficiary : Narasaraopet Engineering College
Special Saving Account No : 476010100026877
Bank & Branch : Axis Bank, Narasaraopet
IFSC Code: UTIB0000476

Paper Submission Link:
https://tinyurl.com/NEC-ICPSPE2K23

Paper Submission Through E-mail

neceeeicpspe@nrtec.in

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Narasaraopet – 522601, Palnadu District, A.P.

3rd INTERNATIONAL VIRTUAL CONFERENCE ON
RECENT TRENDNS IN POWER SYSTEMS AND POWER ELECTRONICS

NEC-ICPSPE-2K23

10th June, 2023

APPLICATION FORM

1. Name (in Block Letters): .....
2. Designation : .....
3. College / Organization : .....
4. Address for Communication : .....
   .....
   .....
   Phone No. (with STD Code) : .....
   Mobile No. : .....
   E-mail ID : .....
5. Title of the Paper : .....
   .....

IMPORTANT DATES

Paper Submission opens from	: 10th May, 2023
Paper Submission closes on	: 28th May, 2023
Acceptance Intimation	: 31st May, 2023
Camera Ready Paper, Copy right form Submission & Author Registration	: 03rd June, 2023
Conference Dates	: 10th June 2023

DECLARATION

The information provided by me is true to the best of my knowledge. If selected, I agree to abide by rules and regulations of the organization and shall attend the international conference for the entire duration. I also undertake the responsibility to inform the Convener, in case I am unable to attend the international conference.

Place:
Date :

Signature of the Applicant

PRINCIPAL
NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)
NARASARAOPET - 522 601,
Guntur (Dist.), A.P.

About NEC

Narasaraopeta Engineering College was established in 1998 by Gayatri Educational Development Society in Narasaraopet, under the leadership of Sri M.V. Koteswara Rao. The vision was to develop the college as an autonomous institution of higher learning and knowledge in the heart of the Palnadu region. The college is approved by AICTE, permanently affiliated with JNTUK Kakinada, and has an NIRF ranking in the 251-300 band. It is also accredited with an "A+' grade by the NAAC and has been accredited four times by the NBA & Awarded 'AAA+' ranking 2023 by Career360. NEC was announced as "Autonomous" in 2016.

The college has launched an Incubation Centre where students can implement their ideas, and the college management has an MOU with Oracle University (USA). Additionally, the college has an AP CM's Excellence Centre, an AI&ML Centre, and an MSME Centre. At the B.Tech. level, the college offers ten courses in the following branches: CIVIL, EEE, ME, ECE, CSE, CSE (AI), IT, CSE (AI&ML), CSE (DS), and CSE (CS). The college has well-equipped laboratories, including 1200 computers with a bandwidth of 400 MBPS and a Microsoft Innovation Centre.

The college has an Indo-European Skill Centre for Mechatronics and Industrial Robotics in collaboration with APSSDC and ARC (Applied Robot Control), Germany. Additionally, an AP CM Skill Excellence Centre was established to provide students access to the most advanced courses offered by industry giants. The college has an MOU with New Mexico State University, USA, which enables student and faculty exchange programmes.

Narasaraopet is known as the gateway to Palnadu and is located in the Palnadu district on the railway line from Guntur to Guntakal. It is 50 km from Guntur and 25 km from Chilakaluripet (NH5) by road. The town is 120 km away from Vijayawada Airport. Kotappakonda is a major religious pilgrimage of the diety Lord Shiva, located 5 km from NEC.

ABOUT THE DEPARTMENT

The Department of EEE was started in the year 1998 with an intake of 40 students in B.Tech programme. The intake was enhanced subsequently and the present intake is 120. The department also offer PG Program M.Tech [Power & Industrial Drives] with an intake of 18students. The Department has a team of highly, qualified, experienced and dedicated teaching faculty. The department has good infrastructural facilities and has full-fledged laboratories equipped with adequate state of the art equipment and latest Electrical softwares. The UG programme of the department is accredited Twice by NBA. The department has vibrant atmosphere for the students to emphasize on fundamentals and concepts focusing on analysis and design of various applications to fulfill the needs of industry. The department encourages faculty members and Research Scholars to carry out their Research.

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Co-Conveners

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Associate Professor

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3rd INTERNATIONAL VIRTUAL CONFERENCE ON

RECENT TRENDNS IN POWER SYSTEMS AND POWER ELECTRONICS

NEC-ICPSPE-2K23

10th June, 2023

Organized By

Department of
Electrical and Electronics Engineering

Narasaraopeta Engineering College (Autonomous)

Kotappakonda Road, Yellamanda (Post),
Narasaraopet – 522601, Palnadu District, A.P.
Ph: 08647-239914, 9444552917
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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

3rd International Virtual Conference on Recent Trends in Power Systems and Power Electronics"-NEC-ICPSPE-2K23

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Vice Principal

Chief Convenor

Dr.P.Lakshmanan, M.E, Ph.D, MIEEE, MIET

Professor & Head of EEE

Convenor

Mr. M. Chandra Sekhar,

Assoc. Professor

Keynote Speaker:

Dr. PRATAPA RAJU M, Sr. Teaching faculty, Electrical Section, College of Engineering and Technology,Department of Engineering, University of Technology and Applied Sciences- Ibra, Sultanate of OMAN

Session-I External Chair:

Dr. G. NAGESWARA RAO, Professor, EEE, Lakireddy Bali Reddy College Of Engineering, Mylavaram, NTR DIST.

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Schedule

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Attendance sheet

Session-II External Chair:

Dr. B. MADHU KIRAN, Assoc Professor, EEE, Gudlavalleru Engineering College, Gudlavalleru, KRISHNA DIST

AGENDA

Date	TIME	Event
10-06-2023	10.00AM	Program Starts
	10:00AM to 10:05AM	Welcome Address by Convenor Mr. M. Chandra Sekhar
	10:05AMto 10:10AM	Inaugural Address by Chief Convernor & Head of EEE, Dr.P.Lakshmanan
	10:10AM to 10:15AM	Presidential Address by Principal Dr.M.Sreenivasa Kumar
	10:15AM to 10:18AM	Introduction about Chief Guest Dr. Pratapa Raju M
	10:18AM to 10:23AM	Speech by Chief Guest Dr. Pratapa Raju M
	10:23AM to 10:25AM	Proceedings release by Honourable Principal Dr.M.Sreenivasa Kumar
	10:25AM to 10:55AM	Keynote Speech by Chief Guest Dr. Pratapa Raju M
	10:55AM to 11:00AM	Vote of Thanks

Total number of papers received: 46

Papers from internal: 24

Papers from External : 22

Vignan's Lara Institute of Technology & Science, Vadlamudi, Guntur.
Karpagam Institute of Technology, Coimbatore
Sai tirumala nvr engineering college
Eswar College of Engineering
Gudallavalleru Engg college
KKR & KSR institute of Technology and Sciences, Guntur, AP, India.
sri vahini institute of science and technology
DNR College of Engineering and Technology,Bhimavaram
Helapuri Institute of Technology and Scinces,Eluru
Swarnandra College of Engineering &Technology, Narsapur
Bonam Venkata Chalamayya Engineering College, East Godavari District, Andhra Pradesh
VR Siddhartha Engg College, vijayawada
QIS College of Engineering,Ongole
Sasi Institute of Technology & Engineering,Tadepalligudem
St Ann's College of Engineering and Technology, Chirala
Bapatla Engineering College

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Press Note &Coverage

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Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK, Kakinada. Code : 47, NIRF Ranking 251 - 300 Band
Accredited by NBA (CSE, ECE) & NAAC "A+" Grade, ISO 9001 : 2015 Certified Institution.
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Dt: 12/6/23

NEC-ICPSPE-2K23 - లేసెంట్ ట్రెండ్స్ ఇన్ పవర్ సిస్టమ్స్ మరియు పవర్ ఎలక్ట్రానిక్స్ కాన్ఫరెన్స్ - ముగింపు కార్యక్రమం

స్థానిక నరసరావుపేట ఇంజనీరింగ్ కళాశాలలో ఇ.ఇ.ఇ డిపార్ట్మెంట్ వారు నిర్వహించిన 3 వ ఇంటర్నేషనల్ వర్చువల్ కాన్ఫరెన్స్ ముగింపు కార్యక్రమం dt: 10-6-23 న జరిగింది. కాన్ఫరెన్స్ పేరు "NEC-ICPSPE-2K23 - లేసెంట్ ట్రెండ్స్ ఇన్ పవర్ సిస్టమ్స్ మరియు పవర్ ఎలక్ట్రానిక్స్". ఈ కాన్ఫరెన్స్ వివిధ రాష్ట్రాల నుండి, అలాగే వివిధ కళాశాలల నుండి అధ్యాపకులు పాల్గొనారు. ఈ కాన్ఫరెన్స్ ముగింపు కార్యక్రమంకు ముఖ్య అతిథిగా కళాశాల చైర్మన్ శ్రీ మిట్టపల్లి వెంకట కోటేశ్వరరాజు గారు పాల్గొనారు.

ఈ కాన్ఫరెన్స్ కు ముఖ్య ఉపన్యాసలు గా ప్రముఖ అధ్యాపకులు Dr. యమ. ప్రతాప్ రాజు సీనియర్ లెచరింగ్ ఫ్యాకల్టీ, యూనివర్సిటీ ఆఫ్ టెక్నాలజీ అండ్ అప్లైడ్ సైన్సెస్, యిబ్రా, ఒమన్. ప్రతాప్ రాజు తన సందేశంలో పవర్ సిస్టమ్స్ మరియు పవర్ ఎలక్ట్రానిక్స్ ప్రతి ఇంజనీరింగ్ విభాగంనకు అనుసంధానము చెస్తున్నారు. దాని వలన భవిష్యత్తులో అనేక ఇంజనీరింగ్ సమస్యలను అధిగమించవచ్చు అని తెలియచేశారు.

ఈ సందర్భంగా కళాశాల ప్రిన్సిపాల్ డా॥ యస్. శ్రీనివాసకుమార్ గారు మాట్లాడుతూ కాన్ఫరెన్స్ వలన అధ్యాపకులు తమ మేధస్సును యిలాంటిలో పంచుకోవడం చాలా శుభపరిణామం అని, కాన్ఫరెన్స్ మంచిగా నిర్వహించారు అని, ప్రతి అధ్యాపకులకు ప్రశంసించారు.

ఈ సందర్భంగా కాన్ఫరెన్స్ కన్వీనర్ మరియు ఇ.ఇ.ఇ విభాగాధిపతి డా॥ పి. లక్ష్మణ్ గారు మాట్లాడుతూ. ఈ కాన్ఫరెన్స్ కు వివిధ కళాశాల నుంచి 46 పరిశోధన పత్రాలు వచ్చాయి అని, అధ్యాపకులు వాటిని ప్రదర్శించినారు అని తెలియచేశారు.

ఈ సందర్భంగా కళాశాల చైర్మన్ శ్రీ మిట్టపల్లి వెంకట కోటేశ్వరరాజు గారు మాట్లాడుతూ, విజ్ఞానం నలుగురికి ఉపయోగపడుతుంది అని, విజ్ఞానం లో విద్యార్థులు, అధ్యాపకులను ఉన్నత శిఖరాలను ఎక్కేటట్లు చేస్తుంది అని తెలియచేశారు. ఈ కార్యక్రమంలో పాల్గొనిన ప్రతి విద్యార్థిని, అధ్యాపకులకు అభినందించారు. అలాగే కన్వీనర్, కో-కన్వీనర్ యమ. చంద్రశేఖర్ ను ప్రశంసించారు.

ఈ ముగింపు కార్యక్రమంలో కళాశాల వైస్-ప్రిన్సిపాల్, వివిధ శాఖల విభాగాధిపతులు, ఇ.ఇ.ఇ విభాగం అధ్యాపకులు, యమ. సాయి-టెచింగ్ స్టాఫ్ పాల్గొనారు.

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షేక్. కరిముల్లా

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Program Report

NARASARAOPETA
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Kotappakonda Road, Yellamanda (Post), Narasaraopet – 522601, Guntur District, A.P., India.
Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada, Code: 47,
Accredited by NBA & NAAC, ISO 9001 : 2015 Certified Institution
Phone : 08647-239905 Website:www.nrtec.in

Date: 10.06.23

PROGRAMME REPORT

Name of the Programme: Conference on Recent Trends in Power Systems and Power Electronics(**NEC-ICPSPE-2K23)**

Dates : 10.06.2023

Details of the Resource Persons :

1. Name : DR. PRATAPA RAJU M B. Tech. M. Tech, Ph. D
   Designation : Sr. Teaching faculty, Electrical Section
   Organization : College of Engineering and Technology,Department of Engineering,University of Technology and Applied sciences- Ibra, Sultanate of OMAN
   Phone No : 9059789952
   Mail.Id : rajupratp@ac.in

2. Name : Dr. G. NAGESWARA RAO
   Designation : Professor
   Organization : Lakireddy Bali Reddy College Of Engineering, Mylavaram
   Phone No : 8523462820
   Mail.Id : nagg@ac.in

Objective of the programme:

- . The NEC-ICPSPE-2K23 is conceived as a forum for presenting and Exchanging Ideas and Results of the best- in- class research and scientific results emerging in the field of Power Systems and Power Electronics.

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- The sincere effort of the program committee members and organizing committee members coupled with indexing initiatives from conference advisory committee members have drawn a large number of high-quality submissions from students, research scholars, and faculty members all over India and abroad
- The Conference brings together the delegates from around the world and from a range of institutions and organizations to exchange ideas and discuss the challenges in and its emerging technologies.

Topic Covered:

- Hard Switching and Soft Switching Power Converters
- Flexible AC Transmission Systems
- Smart Grid and Distributed Generation
- Power Quality Issues
- Power and Energy Engineering
- Electrical Vehicles
- Hybrid Power Systems
- Hybrid Power Systems
- Micro electro Mechanical systems
- Wind Energy Systems
- Intelligent Energy Distribution

Outcome of the programme:

- The conference will strengthen contacts and foster cooperation among power electronics-based science and application researchers, accelerator manufacturers, facility operators and the coordinators of academic programs in the accelerator sciences, leading to a comprehensive review of the status of power system-based research and applications.
- The conference is expected to generate ideas that will form the basis of future IAEA programs in the area of research and applications using power electronics technologies.

No. of participants:46

Photos with tag line

Coordinator

HOD

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3rd International Virtual Conference on

RECENT TRENDS IN POWER SYSTEMS AND POWER ELECTRONICS

NEC-ICPSPE-2K23

10th June, 2023

Organized by Department of Electrical and Electronics Engineering in Association with ISTE

Certificate of Presentation

This is to Certify that **Dr. Dr. P. LAKSHMANAN** from **NARASARAOPET ENGINEERING COLLEGE** Presented a paper entitled with **FOUR QUADRANT DC MOTOR CONTROLLED BY ANDROID APPLICATION** in the 3rd International Virtual Conference on Recent Trends in Power Systems and Power Electronics (NEC-ICPSPE-2K23) held at Department of Electrical & Electronics Engineering, Narasaraopeta Engineering College, Narasaraopet on 10th June, 2023.

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Convenor
Mr. M. Chandra Sekhar

Chief-Convenor
Dr. P. Lakshmanan

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Guntur (Dist.), A.P.

Principal, P[illegible]
Dr. M. Sree[illegible]

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10th June, 2023

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Certificate of Presentation

This is to Certify that **M CHANDRA SEKHAR** from **Narasaraopeta Engineering College** Presented a paper entitled with **Study and Analysis of CUK SEPIC ZETA DC-DC Converters** in the 3nd International Virtual Conference on Recent Trends in Power Systems and Power Electronics (NEC-ICPSPE-2K23) held at Department of Electrical & Electronics Engineering, Narasaraopeta Engineering College, Narasaraopet on 10th June, 2023.

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Chief-Convenor
Dr. P. Lakshmanan

Principal, Patron
Dr. M. Sreenivasa Kumar

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3rd International Virtual Conference on

RECENT TRENDS IN POWER SYSTEMS AND POWER ELECTRONICS

NEC-ICPSPE-2K23

10th June, 2023

Organized by Department of Electrical and Electronics Engineering in Association with ISTE

Certificate of Presentation

This is to Certify that **Mr. DVSK KISHORE PODILA** from **Narasaraopeta engineering college** Presented a paper entitled with **SPeed Control of DC Motor using Microcontroller** in the 3rd International Virtual Conference on Recent Trends in Power Systems and Power Electronics (NEC-ICPSPE-2K23) held at Department of Electrical & Electronics Engineering, Narasaraopeta Engineering College, Narasaraopet on 10th June, 2023.

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3rd International Virtual Conference on

RECENT TRENDS IN POWER SYSTEMS AND POWER ELECTRONICS

NEC-ICPSPE-2K23

10th June, 2023

Organized by Department of Electrical and Electronics Engineering in Association with ISTE

Certificate of Presentation

This is to Certify that **Dr. Dr Sk Md Shareef** from **Narasaraopeta Engineering College** Presented a paper entitled with **Auxiliary Transformer Monitoring System using IoT** in the 3rd International Virtual Conference on Recent Trends in Power Systems and Power Electronics (NEC-ICPSPE-2K23) held at Department of Electrical & Electronics Engineering, Narasaraopeta Engineering College, Narasaraopet on 10th June, 2023.

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10th June, 2023

Organized by Department of Electrical and Electronics Engineering in Association with ISTE

Certificate of Presentation

This is to Certify that **Mr. GUBBA NAVEEN** from **Narasaraopeta Engineering College** Presented a paper entitled with **Design of a Nine-Switch Three-Phase Multilevel Inverter with a PV Array Source** in the 3rd International Virtual Conference on Recent Trends in Power Systems and Power Electronics (NEC-ICPSPE-2K23) held at Department of Electrical & Electronics Engineering, Narasaraopeta Engineering College, Narasaraopet on 10th June, 2023.

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NEC NARASARAOPETA ENGINEERING COLLEGE
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One week Faculty Development Program on

Emerging Trends In VLSI, Communications & AI Enabled IOT Applications

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Circular

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Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada, Code: 47,
Accredited by NBA & NAAC, ISO 9001 : 2015 Certified Institution
Phone : 08647-239905 Website:www.nrtec.in

DEPARTMENT OF Electronics & Communication Engineering

Date: 01-06-2023

CIRCULAR

Department of Electronics & Communication Engineering organizing A One Week Faculty Development Programme on **"Emerging Trends in VLSI, Communications & AI Enabled IOT Applications"** from 05-06-2023 to 09-06-2023. Request all the faculty members are to attend.

Programme Convenors: 1. **Dr. V. Venkata Rao** (9441127485)

2. **Dr. A.V.Nageswara Rao** (9014596261)

IQAC HOD PRINCIPAL

Copy to:

1. Chairman for Favour of information
2. Principal
3. AO for necessary Arrangements
4. All HOD's
5. Circulation to all Staff members
6. Department Notice Boards

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Brochure

FDP ON

EMERGING TRENDS IN VLSI, COMMUNICATIONS & AI ENABLED IOT APPLICATIONS

05th June - 09th June, 2023

REGISTRATION FORM

Name:_____

Designation:_____

Mobile:_____

College Name:_____

EMail:_____

Area of Research:_____

Accommodation required: Yes/No

Registration Fee: **Rs 300/-**

Signature of the Applicant

Note: The scanned copy of duly filled application form should be send to ecehod@nrtec.in on or before 01-06-2023.

SPONSORSHIP CERTIFICATE

Dr./Mr./Ms. _____
is working in our institution / Organization and is here by sponsored to participate in FDP on "***EMERGING TRENDS IN VLSI, COMMUNICATIONS & AI ENABLED IOT APPLICATIONS***" at Narasaraopeta Engineering College, Narasaraopet.

Place :
Date

Signature of the Head of the Institution

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Topics to be covered:

- AI in IoT Devices
- IoT for Home Automation
- Emerging Trends in AI & it's Applications
- Modeling and Analysis of IRS Assisted NOMA System
- Data Science Applications with Hands on
- UAV's & Heterogeneous Networks
- Subject & Object Methods for Video Processing
- Advances in Content Based Image Retrieval
- IoT Sensor Networks using CISCO Packet Tracer with Hands on

Impartment Dates:

Last Date for Registration: **01st June, 2023**

Date of Confirmation: **02nd June, 2023**

Who Shall Participate?

The FDP is aimed at the multifaceted audience from industry, full time research scholars, PG students and academicians from various Engineering colleges of ECE, EEE, CSE, IT and MCA departments.

Accommodation:

Limited Accommodation will be provided for outstation participants on prior request.

For Accommodation contact: 9440664462

Note: As the seats are limited, the selection is based on first come first serve basis.

FDP ON

EMERGING TRENDS IN VLSI, COMMUNICATIONS & AI ENABLED IOT APPLICATIONS

05th June - 09th June, 2023

Organized by

Department of Electronics & Communication Engineering

NEC

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Kotappakonda Road, Yellamanda
(P.O) Narasaraopet – 522601,
Palnadu District, A.P.
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Phone : 08647-239[illegible]
FAX : 08647-239[illegible]
E-Mail : ecehod@nrtec.in

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ABOUT THE COLLEGE

The Narasaraopeta Engineering College was established in the year 1998 by Gayatri Educational Development Society, Narasaraopet, under the leadership of Sri M.V.Koteswara Rao, who has a vision of developing this college as an autonomous institution of higher learning & knowledge in the heart of Palnadu region. The college is approved by AICTE, permanently affiliated to JNTUK Kakinada, Accredited 'A+' Grade by NAAC and Accredited Quadruple by NBA. NEC is announced as 'AUTONOMOUS' in the year 2016. The college has launched Incubation Centre where the students can implement their ideas. The college has an MOU with Oracle University USA. The college has AP CM Excellence centre, AI&ML centre and MSME centre. The college offers Seven M.Tech programmes, Two PG courses of MCA, MBA and Ten courses at B.Tech level in the branches EEE, CSE, CSE-AI, IT, CSE-AI&ML, CSE-CS, CSE-DS, ECE, ME and CIVIL. The college has well equipped laboratories and computers. Microsoft Innovation Centre was established in the college.

In order to build a vibrant entrepreneurship ecosystem Venture Development Centre (VDC) is established in association with i2E North Eastern University, USA and APSSDC. Also, the college has Indo-European skilling Centre for Mechatronics and Industrial Robotics in collaboration with APSSDC and ARC (Applied Robot Control), Germany. AP CM's Skill Excellence Center is also established to provide students access to the most advanced courses by industry giants. The college has MOU with New Mexico State University, USA, which enables student and faculty exchange programs.

Narasaraopet is known as the gateway of Palnadu. Narasaraopet is a town in Palnadu district and is on the railway line of Guntur to Guntakal. Narasaraopet is 50 Km from Guntur and 25 Km from Chilakaluripet (NH5) by road. Narasaraopet is 120 Km away from Vijayawada Airport. Kotappakonda is the site of major religious pilgrim place of Lord Siva which is located 5 Km from NEC.

ABOUT THE DEPARTMENT

The **Department of Electronics and Communication Engineering** was started in the year 1998 with an intake of 40 students in B.Tech. programme. The intake was enhanced subsequently and the present intake is 240. The department also offers two PG programmes, **M.Tech** (Digital Electronics and Communication Systems) which was started in the year 2004 with an intake of 18 and M.Tech (Digital Systems and Computer Electronics) which was started in the year 2006 with an intake of 18. The department has a team of highly qualified and experienced teaching faculty.

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The department has good infrastructural facilities and has full-fledged laboratories equipped with adequate state of the art equipment and latest software. The UG programme of the department is accredited Quadruple by NBA. The department has Embedded Systems and Robotics Lab which was established under IIT Bombay E-Yantra Project. The department has vibrant atmosphere for the students to emphasize on fundamentals and concepts focusing on analysis and design of various applications to fulfill the needs of industry. The department encourages faculty members and research scholars to carry out their research.

ABOUT THE FDP

FDP on "***Emerging Trends in VLSI, Communications & AI Enabled IoT Applications***", provides an excellent opportunity for faculty and researchers to learn new ideas in the field of VLSI, Communications and AI, ranging from decisionmaking systems for remote access & discovering novel biomedical knowledge for disease treatment using Machine Learning & Deep Learning techniques. The aim of FDP is to provide a platform, where researchers and academicians can get hands-on training and share their knowledge with each other and enhance their research skills. Faculty members are able to get deep insight into the details of advanced techniques in AIOT for different applications. As a result, the faculty members participated in this program may propose new algorithms in this field.

RESOURCE PERSONS

1. **Mr. P. Madhu,** CEO, Make Skilled, Hyderabad
2. **Dr. B. K. N. Srinivasarao,** Assistant Professor, Dept of ECE, NIT Warangal
3. **Dr. V. Anil Kumar,** Assistant Professor, Dept of ECE, IIITH - Hyderabad
4. **Mr. K. Sudhakar,** Consultant, Lincysha and Thevan Software Technologies, Vijayawada
5. **Dr. Kalpana Naidu,** Assistant Professor, Dept of ECE, NIT Warangal
6. **Dr. A. Balasubramanyam,** Assistant Professor, Dept of EEE, IIT Indore
7. **Dr. M. Mahesh,** Assistant Professor, Dept of ECE, VIT – AP
8. **Mr. K. Srinivasarao,** ECE, NEC
9. **Dr. J. Brahmaiah Naik**, ECE, NEC

Faculty from IIT's, NIT's, Premier Institutions and industry experts are invited as resource persons for this FDP.

Chief Patron
Sri M.S. Chakravarthi
B.E., M.S (USA), Exec - MBA (ISB).
Vice - Chairman, NEC Group.

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Sri M.V. Koteswara Rao B.Sc.
Chairman, NEC Group.

Sri M. Ramesh Babu
Secretary, NEC Group
& Chairman - PAUDA.

Co-Patron
Dr. M. Sreenivasa Kumar
M.Tech., Ph.D. (UK), MISTE., FIE(I).
Principal.

Convener
Dr. V. Venkata Rao
Professor & Head, Dept. of ECE
9441127485

Co-ordinator
Dr. A.V.Nageswarara Rao
Associate Professor, Dept. of ECE

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Dr. K. Raju	Dr. Sk. Bajid Vali
Dr. Y. Jaipal Reddy	Dr. B. Suneetha
Dr.Sk.Ebraheem khaleelhulla	Mr. P. S. S.Chakravarthi
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Mr.G.S.J.Victor	Mrs.P.Vinuthna
Mr.K.Srinivasa Rao	Dr.J.Brahmaiah Naik
Mr. B. Srinivasa Rao	



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Department of Electronics & Communication Engineering

Schedule for the Faculty development programme on "*Emerging trends in VLSI, Communications & AI Enabled IoT Applications*" **during 5th June - 9th June 2023.**

Date/Time	10:00-11:30 AM	Tea break (11:30-11:45 AM)	11:45-1:15 PM	Lunch Break (1:15-2:00 PM)	2:00-4:00 PM
05/06/2023	Inauguration		AI in IoT Devices (Mr. P. Madhu, CEO, Make Skilled, Hyderabad)		AI in IoT Devices (Mr. P. Madhu, CEO, Make Skilled, Hyderabad)
06/06/2023	IoT for Home Automation (Dr. B. K. N. Srinivasarao, Assistant Professor, Dept of ECE, NIT Warangal)		Emerging Trends in AI & it's Applications (Dr. V. Anil Kumar, Assistant Professor, Dept of ECE, IIIT-HYD)		Modeling and Analysis of IRS Assisted NOMA System (Mr. K. Srinivasarao, ECE, NEC)
07/06/2023	Data Science Applications with Hands on (Mr. K. Sudhakar, Trainer, Lineysha and Thevan Software Technologies, Vijayawada)		Data Science Applications with Hands on (Mr. K. Sudhakar, Trainer, Lineysha and Thevan Software Technologies, Vijayawada)		Data Science Applications with Hands on (Mr. K. Sudhakar, Trainer, Lineysha and Thevan Software Technologies, Vijayawada)
08/06/2023	UAV's & Heterogeneous Networks (Dr. Kalpana Naidu, Assistant Professor, Dept of ECE, NIT Warangal)		Subject & Object methods for video processing (Dr. A. Balasubramanyam, Assistant Professor, Dept of EEE, IIT Indore)		Advances in Content Based Image Retrieval (Dr. J. Brahmaiah Naik, ECE, NEC)
09/06/2023	IoT Sensor Networks using CISCO Packet Tracer with Hands on (Dr. M. Mahesh, Assistant Professor, Dept of ECE, VIT – AP)		IoT Sensor Networks using CISCO Packet Tracer with Hands on (Dr. M. Mahesh, Assistant Professor, Dept of ECE, VIT – AP)		Valedictory

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Attendance sheet

NARASARAOPETA ENGINEERING COLLEGE
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

A ONE WEEK FDP ON

EMERGING TRENDS IN VLSI, COMMUNICATIONS & AI ENABLED IOT APPLICATIONS

5th to 9th June, 2023

S.No.	Name of Participant	Designation	College Name	Mobile No	Email ID
1	Dr. S. Koteswarao	Professor	KHIT	9490786163	drKrseelam@gmail.com
2	Dr K. Madhusudan Rao	Prof.	KITS-Guntur	9297050063	Sudamrao65@gmail.com
3	R. Anil Kumar	Asst. Prof	TEC, Narasaraopet	8297090197	akr449@gmail.com
4	D. Veeraswamy	Asst. Prof	Newtons Inst of Tech, Macherla	9989559985	Swamydevalla@gmail.com
5	M. Susmitha	Asst. Prof	CIET	9100844197	Susmithamyla1994@gmail.com
6	Mr. P. V Narendrakumar	Assl. Prof	CIET	9885324351	narendrakumar.pv@gmail.com
7	K. Suresh	Asst. Prof	CIET	8179071171	suresh.srece@gmail.com
8	M. D. ILiyas	Asst. Prof	CIET	9177175127	iliyasece@gmail.com
9	K. Raju	Asst. Prof	CIET	9491338066	konathamraju[illegible]@gmail.com

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S.No.	Name of Participant	Designation	College Name	Mobile No	Email ID
10.	P.V. Sateesh Kumar	Asst. professor	Narasaraopet Institute of Technology	9515292562	Sateesh.pv3636@gmail.com
11.	M. Ratna Kishore	Asst Professor	"	8125704735	Keerthikishore851@gmail.com
12.	K. Balarafu	Asst. Prof	"	7893741576	vbjukurgantiti@gmail.com
13.	B. NAGAIAH	Assist. prof	NIT	7659862724	b.nagaiah2@gmail.com
14	Sk. Laljohn Basha	Associate Professor	NIT	9398357470	sk.laljohn@gmail.com
15.	K. Durga prasad	Asst Prof.	CIET	9885026355	velchuri@nntec.in
16	P Srinivas	Asst Prof	NIT	9177436119	srinivasanga.pulla@gmail.com
17.	N. Satyanarayana	Associate	NIT	9963397957	satyanaderla456@gmail.com
18	K. Sreenivas	Asso Prof	NIT	9652322403	ssrinivas.kurnool@gmail.com
19	E.V. Santhi	Asst. prof	NIT	7659956947	vsanthi10@gmail.com
20.	F. MD. KHASIM	Asst. Prof	NIT	9985606345	MDRAFIFAROOQI@gmail.com
21.	G. Kranthi Kumari	Asst. prof	NIT	9963494028	gkranthikumari5@gmail.com
22.	Dr. SK. Riyazuddin	Assoc. Prof	VVIT	9700667247	drshaik84@gmail.com
23.	Dr. M.Y. Bhanumurthy	Prof	VVIT	9704135453	mybhanu@vvit.net
24	G.V. Satya Kumar	Asso. Prof	VVIT	9705827247	satyakumargv@vvit.net
25	Sk. Khader ZELAN	Assoc. Prof	MLEW	9705405995	Zelan786@gmail.com

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S.No.	Name of Participant	Designation	College Name	Mobile No	Email ID
26.	Dr. S. krishna prasad	Assoc. Prof	VVIT	9246964377	KPsatamraju@gmail.com
27	K. Mrudula	Asst. prof	VRSEC	8333002244	-
28	Mr. P. Ganesh Kumar	Assoc. Prof	AMREDDY	9849966554	Pganesh66@gmail.com
29.	D. Meena	Asst. prof	KHIT	8121955919	meenadasari5@gmail.com
30.	Mrs V. Santhi Sree	Assoc. prof	KHIT	9908981062	Sunetra. babbillapati@gmail.com
31.	Mrs M. Kalpana Devi	Asst. Prof	Newtons College of	8500718541	Sunetha. babbillapati@gmail.com
32	Dr. K. Riyazuddin	Assoc prof	AITS, Engg & Tech Rajampet	6303594109	Shaik.riyazuddin7@gmail.com
33	A. Farooq Hussain	Asst. prof	Research Scholar VelTech. Chennai	9885594511	farooqhussain@klmcew.ac.in
34	V. Nagendra	Asst professor	Research scholar VelTech. Chennai.	9391223747	nagendra@klmcew.ac.in
35	Mr. K. Tulasi Krishna	Asst. Professor	KORM Engg College Kadapa.	9160993070	ktktulasi@gmail.com
36	Mr V. Kishore Kumar	Asst. professor	KORM College of Engg KADAPA	9393210651	Kishore467@gmail.com
37	Mrs SK. Mona	Asst. prof	ESWAR College of Engg	8341664679	shaikmona490@gmail.com
38.	Mrs D. Rekha	Asst. prof	ESWAR College of Engg	9052698798	Dr. Reddy. Rekha403@gmail.com
39.	SK. Zuber Basha	Research Scholar	VIT, AP	8790065755	Shaik. zuberbasha@gmail.com
40	Miss Chinitoti. Lavanya	Asst. prof.	Pace, ITS, Ongole	9553876686	Lavanyasweety409@gmail.com
41	Shaik. Ameenullah	Asst. professor	KORM College of Engg KADAPA-516003	9014276442	ameen06407@gmail.com

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S.No.	Name of Participant	Designation	College Name	Mobile No	Email ID
42	CH.V.S.J.MURTHY	ASSOC-Prof	NRIIT	9966665467	jmvsthy.4u9@gmail.com
43	T. Sravanthi	Asst. Prof	VRSEC, Vijayawada	9247513429	Sunnetha.bobbilapati@gmail.com 9/6/23
44	Avula. Ramesh	Asst. Prof	IIIT, ongole	8328247989	avularamesh99@gmail.com
45	Y. Murali Krishna	Asst. Prof	KHIT	7893691966	muralikrishna@gmail.com

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Program Report

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Phone : 08647-239905 Website:www.nrtec.in

DEPARTMENT OF Electronics & Communication Engineering

Date: 13-06-2023

PROGRAMME REPORT

Name of the Programme: One week FDP on "Emerging Trends in VLSI, Communications & AI Enabled IoT Applications"

Dates: 5/6/2023 to 9/6/2023

Coordinator: **Dr. A. V. NageswaraRao**

Resource persons:

1. Dr.K.SrinivasaRao, Asst. Professor, Dept. Of ECE,Narasaraopeta Engineering College
2. Madhu Parvataneni, CEO , Make skilled Innovation Park, Hyderabad.

3.Br.B.K.N. Asst.Professor, Dept. Of ECE, NIT Warangal

4.Dr.V. Anil Kumar, Asst.Professor, Dept. Of ECE, IIIT Hyderabad.

5.Mr. K. Sudhakar, Trainer, Lineysha & Thevan Software Technologies, Vijayawa.

6.Dr.J. Brahmaiah Naik, Asst. Professor, Dept. Of ECE,Narasaraopeta Engineering College

7.Dr.A. Balasubramanyam, Asst.Professor, Dept. Of EEE, IIT Indore. Dr.M. Mahesh, Asst.Professor, Dept. Of ECE, VIT-AP

Objective of the programme:

This FDP will provide an opportunity to learn recent research and development in the area of wireless technologies, VLSI. that are related to 5G from eminent experts from IIT's, NIT's, IIIT's, affiliated colleges and the industrial persons. The participants will have exposure to the state-of-

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the-art technology involved in communications. This FDP will provide a presentation as well as discussions.

Topic Covered:

- IOT sensor network and their home applications
- Subject and object method for video processing Models for 5G
- Security Issues and Solutions
- Modeling and Analysis of IRS assistance NOMA system
- Data science applications
- Content base Image retrial

Outcome of the programme:

The ultimate aim of the FDP is to provide a platform to disclose, discuss the scientific and technological events aimed to ignite the faculty and to continue relay.

- In the Field of IOT sensor network.
- In the Field of Data science applications.
- In the Field of Signal Processing
- In the Field of Emerging Network Slicing Technologies.

No. of participants: 45

Coordinator

HOD

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Press Note &Coverage

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యు.కె. ఇ.సి.ఈ "ఎమెర్జింగ్ ట్రెండ్స్ ఇన్ వి.యల్.యస్.ఐ, కమ్యూనికేషన్ అండ్ ఎంబెడెడ్ సిస్టమ్స్ ఐ.బి.టి పై వర్కు చున్న వన్ వీక్ ఫ్యాకల్టీ ఓరియంటేషన్ ప్రోగ్రాం.

స్థానిక నరసరావుపేట ఇంజనీరింగ్ కళాశాల, ఎలక్ట్రానిక్స్ అండ్ కమ్యూనికేషన్ ఇంజనీరింగ్ విభాగం వారి ఆధ్వర్యంలో "ఎమెర్జింగ్ ట్రెండ్స్ ఇన్ వి.యల్.యస్.ఐ, కమ్యూనికేషన్స్ అండ్ ఎంబెడ్డ్ ఐ.బి.టి. పై వన్-వీక్ బ్యాచ్ 5 నుండి 9 వరకు ఫ్యాకల్టీ ఓరియంటేషన్ ప్రోగ్రాం మొదలయినదని కోఆర్డినేటర్ డా॥ ఎ.వి. నాగేశ్వర రావు గారు తెలిపారు.

ఈ కార్యక్రమానికి ముందుగా ముఖ్య అతిథిగా శ్రీ పి. మధుగారు, (సి.ఇ.ఓ, మేక్ స్కిల్స్, హైదరాబాదు) పాల్గొన్నారు. శ్రీ. పి. మధు గారు ఐ.బి.టి మరియు ఆటోమేటిక్ పేయర్ ఇంటెలిజెన్స్ యొక్క ప్రాముఖ్యతను మరియు వాటిపై గల ఉపాధి అవకాశాలను సోదాహరణంగా వివరించారు.

ఇ.సి.ఇ విభాగాధిపతి డా॥ వి. వెంకట్రావు గారు ఈ కార్యక్రమం గురించి మాట్లాడుతూ, సుమారు 70 మంది వివిధ కళాశాల అధ్యాపకులు, ఇ.సి.ఇ విభాగపు అధ్యాపకులు మరియు యన్.ఇ.సి అనుబంధ సంస్థలకు చెందిన అధ్యాపకులు పాల్గొన్నారని తెలిపారు.

ఈ కార్యక్రమంగా కళాశాల ప్రిన్సిపాల్ డా॥ యస్. శ్రీనివాస కుమార్ గారు వైస్ ప్రిన్సిపాల్ డా॥ ఓ. సురేష్ గారు పాల్గొని ఐ.బి.టి ప్రయోజనాలను గురించి వివరించారు.

ప్రిన్సిపాల్ గారు, వైస్ ప్రిన్సిపాల్ గారు, కళాశాల అధ్యాపకులను, ఇ.సి.ఇ విభాగపు అధ్యాపకులను నిర్వహణా తరుగు ఎంతో ఉత్సాహంగా పాల్గొన్నందుకు, కళాశాల

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Photos

One week FDP on "Emerging Trends in VLSI, Communications & AI Enabled IoT Applications" from 5th to 9th June, 2023 to enhance technical and research skills of the Faculty of ECE, CSE and EEE from AICTE approved and all other Colleges and Universities.

Day-1 (05/06/2023)







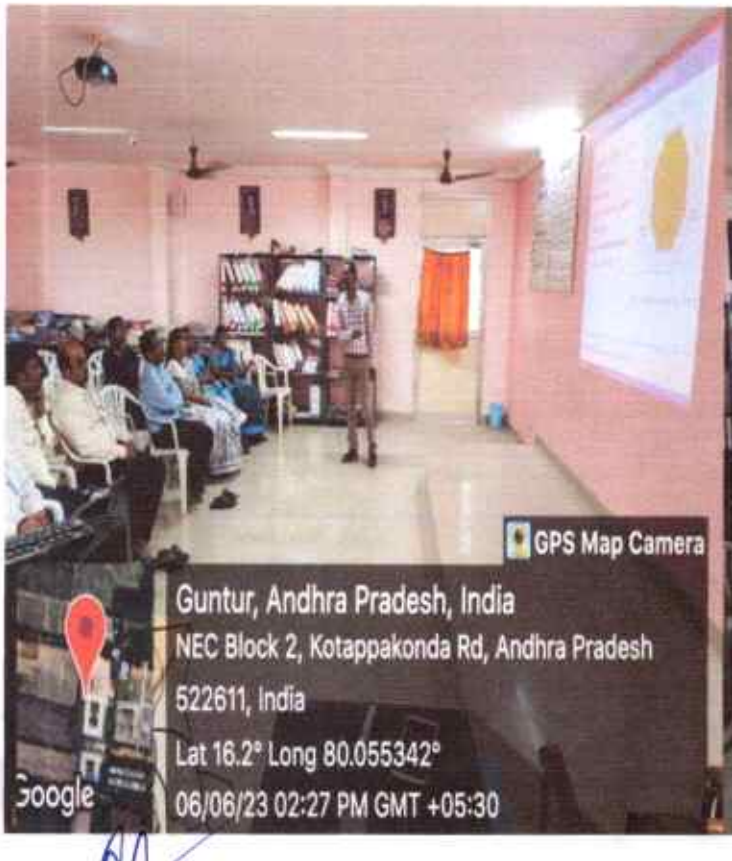
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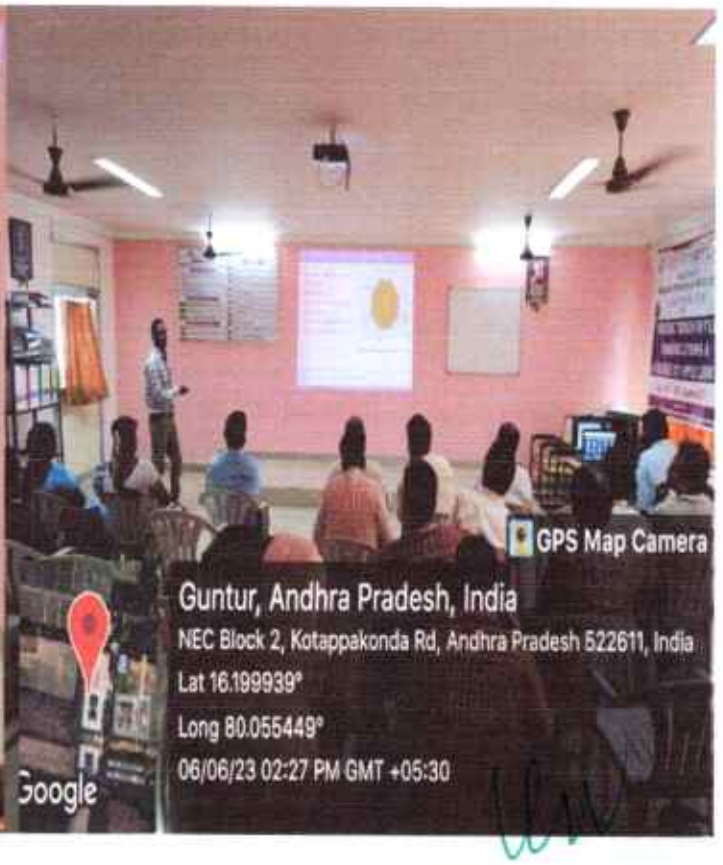
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Day-2 (06/06/2023)





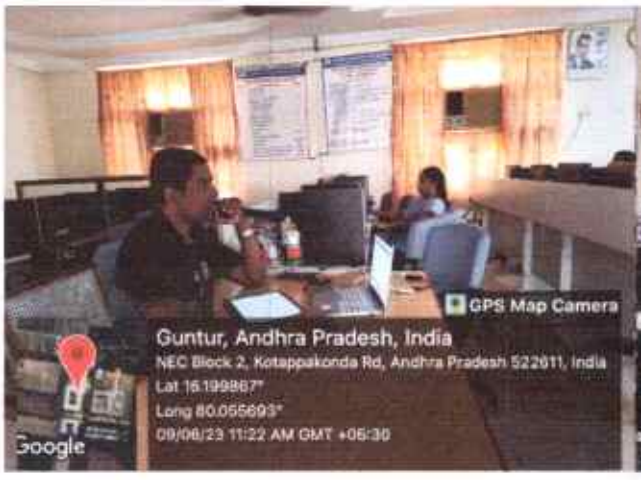


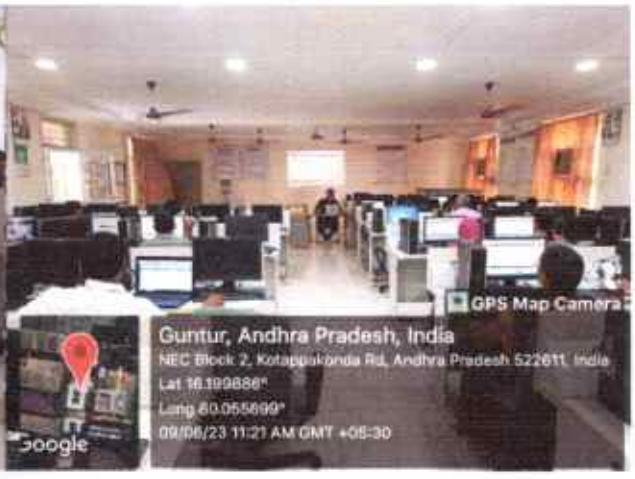


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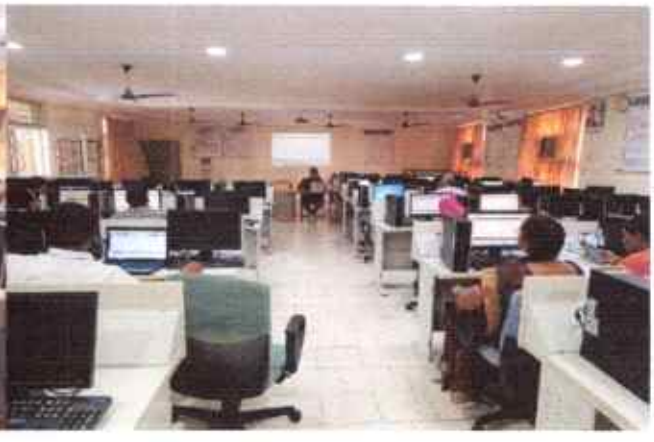
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Day-5 (09/06/2023)

















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Certificate of Participation

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had participated in the One Week Faculty Development Program on "EMERGING TRENDS IN VLSI, COMMUNICATIONS & AI ENABLED IOT APPLICATIONS" Organized by the Department of Electronics and Communication Engineering conducted from 05th to 09th June, 2023.

Dr. A.V. Nageswararao
Co-ordinator

Dr. V. Venkata Rao
Convenor

Dr. M. Sreenivasa Kumar
Principal

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Dr. A.V. Nageswararao
Co-ordinator

Dr. [illegible] Venkata Rao
Convenor

Dr. M. Sreenivasa Kumar
Principal

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of Lakki Reddy Bali Reddy College of Engineering

had participated in the One Week Faculty Development Program on "EMERGING TRENDS IN VLSI, COMMUNICATIONS & AI ENABLED IOT APPLICATIONS" Organized by the Department of Electronics and Communication Engineering conducted from 05th to 09th June, 2023.

Dr. A. Nageswararao
Co-ordinator

Dr. V. Venkata R
Convenor

Dr. M. Sreenivasa Kumar
Principal

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of PSCMR College of Engineering & Technology

had participated in the One Week Faculty Development Program on "EMERGING TRENDS IN VLSI, COMMUNICATIONS & AI ENABLED IOT APPLICATIONS" Organized by the Department of Electronics and Communication Engineering conducted from 05th to 09th June, 2023.

Dr. A.V. Nageswarar.
Co-ordinator

Dr. V. Ven ta Rao
Convenor

Dr. K. Sreenivasa Kuma
Principal

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One week Faculty Development Program on "Advanced Machining Processes"

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Circular

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Phone No. : 08647-239904, Fax No. : 08647-239902
E-mail: principal@nrtec.in Website: http://www.nrtec.in
DEPARTMENT OF MECHANICAL ENGINEERING

Date: 22-04-2024

CIRCULAR

Department of Mechanical Engineering is organizing A One Week Faculty Development Programme on **"ADVANCED MACHINING PROCESSES"** in association with **NITTTR Chandigarh** from **06/05/2024 to 10/05/2024.** for Faculty. Request all the faculty members are to attend.

Program Convenor: Dr. B. Venkata Siva (9692464540)
Dr. M. Venkanna Babu (9985808908)

IQAC **HOD** **PRINCIPAL**

Copy to:

1. Chairman for Favour of Information
2. Principal
3. AO for Necessary arrangements
4. Department Notice Boards
5. Circulation to all Staff Members
6. All HOD's

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Brochure

Course Content:

- Advanced Machining Processes - Concept, Objectives, Features, Types.
- Pedagogical Practices in the light of AMP.
- Writing Learning Outcomes
- Mapping Learning Outcomes with Test Items.
- Developing Entrepreneurial Attributes.
- Industry Expectations from AMP
- ICT for Assessment and Evaluation
- Evaluation–Concept, Types & Techniques.
- Curriculum Design & Implementation.
- Writing Test Items – Supply and Selection Type.
- Student Centred Instructional Methods & Design of Rubrics.
- Evaluating Practical and Project Work.

Registration:

- UG/PG students in Engineering and Applied Sciences.
- Any Faculty/Student in thrust of knowledge.
- Participants are restricted to 100 No's will be selected on first come first serve basis.

For Any Queries Contact:

Dr. B. Venkata Siva, Coordinator,
Mobile No: 9692464540



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ABOUT THE COLLEGE

The Narasaraopeta Engineering College was established in the year 1998 by Gayatri Educational Development Society, Narasaraopet, under the leadership of Sri M.V.Koteswara Rao, who has a vision of developing this college as an autonomous institution of higher learning & knowledge in the heart of Palnadu region. The college is approved by AICTE, permanently affiliated to JNTUK Kakinada, Accredited 'A+' Grade by NAAC and Accredited four times by NBA. NEC accorded 'AUTONOMOUS' status since 2016.

NEC is ranked among top 300 engineering institutions in India rankings (NIRF 2022, 251-300 band) by Ministry of Education, Govt. of INDIA. Also NEC ranked as top 4th Private Engineering College in AP as per Times Engineering Institute Ranking Survey-2022. INDIA TODAY Ranked NEC as 178 among Private Engineering Colleges in INDIA. The college has approved research centres by JNTUK, Kakinada in CSE, ECE and Mechanical Engineering Depts. The college has launched Incubation Centre where the students can implement their ideas. NEC got approved for "NIDHI Technology Incubator" by Dept of Science & Technology, New Delhi.

The college has signed 37+ MoUs with reputed industries and International & National organizations like Red Hat Academy, Efftronics Systems Pvt. Ltd, Bytexl, New Mexico State University (NMSU), New Mexico, USA, TiE Hyderabad, Edu Skills etc. The college offers Seven M.Tech programmes, Two PG courses of MCA, MBA and Ten courses at B.Tech level in the branches EEE, CSE, CSE(AI), CSE(AI&ML), CSE (DS), CSE(Cyber Security), IT, ECE, ME and CIVIL. The college has well equipped laboratories and computers. The college has well experienced and dedicated faculty out of which 72 faculty hold Doctorate Degrees while 78+ patents and 416+ Publications (over last five years), 36 Books were onto the credit of faculty. The college has AP CM's Excellence centre, AI Centre of Excellence & Deep Learning in association with BENNETT University, New Delhi. Also, the college has Indo-European skilling Centre for Mechatronics and Industrial Robotics in collaboration with APSSDC and ARC (Applied Robot Control), Germany. Dassault Systems Lab is established in association with APSSDC to provide access to the students on most advanced courses by industry giants. Narasaraopet is known as the gateway of Palnadu. Narasaraopet is District Head Quarters of newly formed PALNADU District and is on the railway line of Guntur to Guntakal. Narasaraopet is 50 Km from Guntur and 25 Km from Chilakaluripet (NH5) by road. Narasaraopet is 120 Km away from Vijayawada Airport. Kotappakonda is the site of major religious pilgrim place of Lord Siva which is located 5 Km from NEC.

One Week hands on FDP on

"ADVANCED MACHINING PROCESSES"

During
06th May - 10th May - 2024

Organized
By

Department of Mechanical Engineering

NARASARAOPETA
NEC ENGINEERING COLLEGE
(AUTONOMOUS)
Kotappakonda Road, Yellamanda (P.O)
Narasaraopet – 522601, Guntur District, A.P.
Approved by AICTE, permanently Affiliated to JNTU, Kakinada,
Accredited 'A' Grade by NAAC, Accredited Thrice by NBA,
Recognized R&D center by JNTUK,
ISO 9001:2015 Certified.

Phone : 08647-239925
FAX : 08647-239902
E-Mail : mechhod@nrtec.in

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ABOUT THE DEPARTMENT

The Department of Mechanical Engineering was established in the year 2002 with an intake of 60 students. The department offers UG and PG programs. PG programs are being offered in specialization of Machine Design and Thermal Engineering. The UG program of the department is accredited thrice by AICTE-NBA. The department is recognized as research and development center by JNTUK, Kakinada. The department has excellent infrastructure like E class rooms, AC seminar hall and is well equipped with modern laboratories like Dassault systems and ARC laboratory. Department has equipment beyond curriculum like stir casting machine, 3D printer, Fatigue testing machine, Five gas analyzer, Ultrasonicator, Tool makers microscope, magnetic particle tester etc., The department faculty encourages the students to implement innovative ideas in their project works and R&D. Many of the faculty members are upgrading their skills by attending the FDP, conferences, seminars and workshops in innovative and thrust area technologies regularly. The department has highly qualified, experienced, dedicated faculty with industry and research background. The department has received funding from different agencies like UGC, AICTE towards MODOROBS, FDP etc. Department has RTA, Government of AP approved pollution test centre. Department frequently organizes guest lectures, industrial visits, workshops, training programs and provide internships for betterment of students.

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OBJECTIVES OF THE FDP

- To create awareness among faculty members about Advanced Machining Processes System and institutionalizing of NEP research based guidelines.
- To help understand the students up-to-date with the latest technological developments.
- To use various innovative teaching learning methods to improve student engagement research trends in the field of nontraditional / modern machining processes and learning outcomes.

RESOURCE PERSONS:

- Dr. P Sudhakar Rao, Assistant Professor, psrao.iitr@gmail.com
- Dr. Atul Kumar, SRM University, GZB srmist.edu.in
- Dr. Kamal Mittal AKGEC, Gaziabad, www.akgec.ac.in
- Er. Ajay Godara, Enovate Skill CHD, enovateskill@gmail.com
- Dr. Ravikant, IIT Ropar, ravi.kant@iitrpr.ac.in
- Dr. Rahul Vaishya, PEC rahulvaishya@pec.edu.in
- Dr. R.S.Belokar, PEC, rajbelokar@gmail.com
- Dr. S.C.Vettivel, CCET, CHD, scvettivel@ccet.ac.in
- Dr. Shravan Kumar RR, CSIO, CHD, srr@csio.res.in
- Er. Hriday Pal Singh, CAD Tech Solutions, https://3dscanindia.com/

Guidelines:

- Certificate will be provided to all the participants, on successful completion of FDP.

Chief Patron

Sri M.S. Chakravarthi
B. Tech, MS (USA), Exec-MBA (ISB)
Vice - Chairman, NEC Group

Patrons

Sri M.V. Koteswara Rao B.Sc.,
Chairman, NEC Group

Sri M. Ramesh Babu
Secretary, NEC Group

Co-Patrons

Dr. M. Sreenivasa Kumar
M. Tech, Ph. D (UK), M.I.S.T.E, FIE(I)
Principal

Dr. D. Suneel
M. Tech, Ph.D., FIE (I), MISTE, MRSI
Vice- principal

Coordinator

Dr. B. Venkata Siva
Professor, HOD, Dept. of Mechanical Engineering

Co-Coordinator

Dr. M Venkannababu
Associate Professor, Dept. of Mechanical Engineering

ORGANIZING COMMITTEE

Dr. P. Suresh Babu	Mr.V.Swamulu
Dr.M.Rama Kotaiah	Mr.T.Ashok Kumar
Mr.Y.Suvarna Kumar	Mr. G.Bhargav
Mr.Ch.Sekhar	Mrs.P.Sravani
Mr.K.Kiran Chand	Mr. M. Venkaiah
Mr.K.John Babu	Mr. P.Srinivasa Rao
Mr.A.Pavan Kumar	Mr.A.Anka Rao
Mr.P.Kiran Kumar	Mr.M.Mothilal Naik
Mr. M.Srinivasa Rao	Mr.P.Nani Kumar

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Schedule

National Institute of Technical Teachers Training and Research, Chandigarh

MECHANICAL ENGINEERING DEPARTMENT (ICT 125/ME 02)

Short Term Course on Advanced Machining Processes from 06-10 May, 2024

Day / Date	Session I 10.00 am to 11:30 am	Session II 11:45 am to 1:15 pm	Session III 2:30 pm to 4.00 pm
Monday 06.05.2024	Registration and Inauguration Dr. P. Sudhakar Rao, NITTTR	Introduction to Advanced Machining Processes Dr. P. Sudhakar Rao NITTTR	Reverses Engineering Processes in 3D Printing Dr. Atul Kumar, SRM university, GZB
Tuesday 07.05.2024	Reconfigurable Manufacturing System (RMS)in Machining Dr. Kamal Mittal AKGEC, Gaziabad	Basic Concepts of Additive Mfg processes Er. Ajay Godara,Enovate skill chd	Application of CAD in RPT/3D printing Dr. Ravikant, IIT Ropar
Wednesday 08.05.2024	Advanced Machining Processes Dr. Rahul Vaishya, PEC	Rapid Prototyping and 3D printing Dr. P. Sudhakar Rao	Manufacturing 4.0 and Industry 4.0 Prof. R S Belokar, PEC
Thursday 09.05.2024	Non Traditional Machining Processes Er. Ajay Godara, Enovate skill chd	FEA and CAD CAM Dr. S C Vettivel CCET Chd	Modelling and Analysis using FEA Simulation Dr. Shravan Kumar RR , CSIO Chd
Friday 10.05.2024	CAD/CAM/CAE in Advanced Machining Er. Hriday pal singh, CAD Tech solutions, Chd	Ultrasonic/ Magnetic assisted EDM Dr. P. Sudhakar Rao NITTTR	Feedback and Valediction Dr. P. Sudhakar Rao, NITTTR

*** Tea Break : 11.30 AM to 11.45 AM and 4.00 PM to 4.15 PM Dr. P Sudhakar Rao Coordinator psrao@nitttrchd.ac.in 9417090292**

*** Lunch Break : 1-15 PM to 2.00 PM**

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Attendance sheet

NATIONAL INSTITUTE OF TECHNICAL TEACHERS TRAINING & RESEARCH

SECTOR 26, CHANDIGARH – 160 019

Mechanical Engineering Department (ICT 125/ME 02)

SHORT TERM COURSE ON ADVANCED MACHINING PROCESSES

Duration/ Date: 6th to 10th May, 2024

Remote Center: Narasaraopeta Engineering College (Autonomous), Narasaraopet, Guntur, AndhraPradesh, India.

ATTENDANCE SHEET OF SHORT TERM COURSE

S. No	Name, Designation, Institute and Place	Session	SIGNATURE				
			06.05.2024	07.05.2024	08.05.2024	09.05.2024	10.05.2024
1.	**AMBATI ANKARAO,** Assistant Professor, Narasaraopeta Engineering College (Autonomous), Narasaraopet, Guntur, Andhra Pradesh, India	FN					
		AN					
2.	**ARIGELA PAVAN KUMAR,** Assistant Professor, Narasaraopeta Engineering College (Autonomous), Narasaraopet, Guntur, Andhra Pradesh, India	FN					
		AN					
3.	**DANTHAM RAGHAVENDRA,** Assistant Professor, Narasaraopeta Engineering College (Autonomous), Narasaraopet, Guntur, Andhra Pradesh, India	FN					
		AN					
4.	**DR. DONTHAMSETTY SUNEEL,** Professor, Narasaraopeta Engineering College (Autonomous), Narasaraopet, Guntur, Andhra Pradesh, India	FN					
		AN					
5.	**DR. B VENKATA SIVA,** Professor, Narasaraopeta Engineering College (Autonomous), Narasaraopet, Guntur, Andhra Pradesh, India	FN					
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6.	**DR. NEERAJA KATTA,** Professor, Narasaraopeta Engineering College (Autonomous), Narasaraopet, Guntur, Andhra Pradesh, India	FN					
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		AN	Sushma	sushma	Sushma	sushma	sushma
8.	**K.L.N.MURTHY,** Assistant Professor, University College Of Engineering Narasaraopet JNTUK, Narasaraopet, Guntur, Andhra Pradesh, India	FN					
		AN					
9.	**KAKANI JHANSI RANI,** Assistant Professor, Eswar College Of Engineering, Narasaraopet, Guntur, Andhra Pradesh, India	FN	K J Rani	K J Rani	K J Rani	K J Rani	K J Rani
		AN	K J Rani	K J Rani	K J Rani	K J Rani	K J Rani
10.	**KANDRU JOHN BABU,** Assistant Professor, Narasaraopeta Engineering College (Autonomous), Narasaraopet, Guntur, Andhra Pradesh, India	FN					
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11.	**KIRAN CHAND KOPILA,** Assistant Professor, Narasaraopeta Engineering College (Autonomous), Narasaraopet, Guntur, Andhra Pradesh, India	FN					
		AN					
12.	**KORRAPATI MUSALAIAH,** Assistant Professor, Eswar College Of Engineering, Narasaraopet, Guntur, Andhra Pradesh, India	FN					
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13.	**MEGHAVATHU MOTHILAL NAIK,** Assistant Professor, Narasaraopeta Engineering College (Autonomous), Narasaraopet, Guntur, Andhra Pradesh, India	FN					
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15.	**PATHURI.SRINIVASARAO,** Assistant Professor, Narasaraopeta Engineering College (Autonomous), Narasaraopet, Guntur, Andhra Pradesh, India	FN					
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16.	**DR. PENUGONDA SURESH BABU,** Associate Professor, Narasaraopeta Engineering College (Autonomous), Narasaraopet, Guntur, Andhra Pradesh, India	FN					
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17.	**PILLI SRAVANI,** Assistant Professor, Narasaraopeta Engineering College (Autonomous), Narasaraopet, Guntur, Andhra Pradesh, India	FN					
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18.	**SEKHAR CHINTHAMREDDY,** Assistant Professor, Narasaraopeta Engineering College (Autonomous), Narasaraopet, Guntur, Andhra Pradesh, India	FN					
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20.	**SHAIK KARIMULLA,** Assistant Professor, Narasaraopeta Engineering College (Autonomous), Narasaraopet, Guntur, Andhra Pradesh, India	FN					
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21.	**SHAUK RESHMA BEGUM,** Assistant Professor, Eswar College Of Engineering, Narasaraopet, Guntur, Andhra Pradesh, India	FN					
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22.	**THELLAASHOK KUMAR,** Assistant Professor, Narasaraopeta Engineering College (Autonomous), Narasaraopet, Guntur, Andhra Pradesh, India	FN					
		AN					
23.	**VENKAIAH MANDULA,** Assistant Professor, Narasaraopeta Engineering College (Autonomous), Narasaraopet, Guntur, Andhra Pradesh, India	FN					
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24.	**DR. VENKANNABABU MENDI,** Associate Professor, Narasaraopeta Engineering College (Autonomous), Narasaraopet, Guntur, Andhra Pradesh, India	FN					
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25.	**VULLERU SWAMULU,** Assistant Professor, Narasaraopeta Engineering College (Autonomous), Narasaraopet, Guntur, Andhra Pradesh, India	FN					
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Program Report

NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)

Department of Mechanical Engineering

Date: 14-05-2024

PROGRAMME REPORT

Name of the Programme : A one week Faculty Development Program on "ADVANCED MACHINING PROCESSES"

Dates : **06th – 10th May, 2024**

Details of the Resource Persons :

Course Coordinator: **Dr. P Sudhakar Rao, Assistant Professor, psrao.iitr@gmail.com**

Other Coordinators:

Dr. Atul Kumar, SRM University, GZB, srmist.edu.in

Dr. Kamal Mittal AKGEC, Gaziabad, www.akgec.ac.in

Er. Ajay Godara, Enovate Skill CHD, enovateskill@gmail.com

Dr. Ravikant, IIT Ropar, ravi.kant@iitrpr.ac.in

Dr. Rahul Vaishya, PEC, rahulvaishya@pec.edu.in

Dr. R.S.Belokar, PEC, rajbelokar@gmail.com

Dr. S.C.Vettivel, CCET, CHD, scvettivel@ccet.ac.in

Dr. Shravan Kumar RR, CSIO, CHD, srr@csio.res.in

Er. Hriday Pal Singh, CAD Tech Solutions, https://3dscanindia.com/

OBJECTIVE OF THE PROGRAMME:

This FDP is specially designed for Engineering College Teachers and PG Students.

The course aims to achieve the following objectives:

- To create awareness among faculty members about Advanced Machining Processes System and institutionalizing of NEP research based guidelines.
- To help understand the students up-to-date with the latest technological developments.
- To use various innovative teaching learning methods to improve student engagement research trends in the field of nontraditional / modern machining processes and learning outcomes.

Topic Covered:

- Advanced Machining Processes - Concept, Objectives, Features, Types.
- Pedagogical Practices in the light of AMP.
- Writing Learning Outcomes
- Mapping Learning Outcomes with Test Items.
- Developing Entrepreneurial Attributes.
- Industry Expectations from AMP

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- ICT for Assessment and Evaluation
- Evaluation–Concept, Types & Techniques.
- Curriculum Design & Implementation.
- Writing Test Items – Supply and Selection Type.
- Student Centred Instructional Methods & Design of Rubrics.
- Evaluating Practical and Project Work

Outcome of the Programme:

- Understand the ADVANCED MACHINING PROCESSES: An Overview
- Writing Learning Outcomes
- Mapping Learning Outcomes with Test Items.
- Explaining the details of types of advanced manufacturing and machining processes, their evolution and need
- Identifying the correct advanced manufacturing processes by formulating and determining the correct AMPs for development of various complex shaped geometries
- Hands on experiments on the Advanced Machines such as EDM, WEDM etc.
- Design and development of experimental apparatus of any one advanced or derived and hybrid manufacturing process (Team Project). Perform good workplace ethics in completing assigned projects as directed
- Statements of observable student actions that serve as evidence of the Knowledge, Skills and Attitudes acquired in a course.
- Evaluation of Concept, Types & Techniques.
- Understand the Curriculum Design & Implementation.
- Understand the Student Centered Instructional Methods & Design of Rubrics.
  Evaluating Practical and Project Work.

No. of Participants: 25



Coordinator

HOD-ME

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Press Note &Coverage

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Press Note

10.05.2024

ఎన్. ఈ. సీ లో NITTTR చండీగర్ సౌజన్యంతో "అడ్వాన్స్డ్ మెషీనింగ్ ప్రాసెసస్" పై ముగిసిన అధ్యాపక శిక్షణా శిబిరం

స్థానిక నరసరావుపేట ఇంజనీరింగ్ కళాశాల మెకానికల్ ఇంజనీరింగ్ విభాగం ఆధ్వర్యంలో నేషనల్ ఇన్స్టిట్యూట్ అఫ్ టెక్నికల్ టీచర్స్ ట్రైనింగ్ & రీసెర్చ్ (NITTTR) చండీగర్, అధ్యాపక బృందం పర్యవేక్షణలో **"అడ్వాన్స్డ్ మెషీనింగ్ ప్రాసెసస్ (Advanced Machining Processes)"** అనే అంశంపై 06.05.2024 న ప్రారంభమైన వారం రోజుల అధ్యాపక శిక్షణా శిబిరం ఈ రోజున అనగా 10.05.2024 ముగిసిందని మెకానికల్ విభాగాధిపతి మరియు ఈ కార్యక్రమ సమన్వయకర్త డాక్టర్ బి.వేంకట శివ గారు తెలియజేశారు.

డాక్టర్ శివ గారు మాట్లాడుతూ ఈ వారం రోజుల శిక్షణ శిబిరంలో అడ్వాన్స్డ్ మెషీనింగ్ ప్రాసెసస్ గురించి, రివర్స్ ఇంజనీరింగ్, 3D ప్రింటింగ్, రికన్ఫిగరబుల్ మ్యానుఫ్యాక్చరింగ్ సిస్టమ్స్, అప్లికేషన్స్ అఫ్ CAD ఇన్ RPT, రాపిడ్ ప్రోటోటైపింగ్, మ్యానుఫ్యాక్చరింగ్ 4 .0 , ఇండస్ట్రీ 4.0 నాన్ ట్రెడిషనల్ మెషీనింగ్ ప్రాసెసస్, FEA & CAD /CAM /CAE ఇన్ అడ్వాన్స్డ్ మెషీనింగ్, మోడలింగ్ అండ్ ఎనాలిసిస్ యూసింగ్ FEA సిములేషన్, EDM మొదలగు అంశాలపై అధ్యాపకులకు శిక్షణను ఇచ్చారన్నారు.

ఇన్ చార్జ్

ఈ సందర్భంగా కళాశాల పిన్సిపాల్ డాక్టర్ డి.సునీల్ గారు మాట్లాడుతూ, పాత ట్రెడిషనల్ మెషీనింగ్ ప్రాసెసస్ సరైన ఫలితాలను ఇవ్వనప్పుడు, ఆర్థికంగా ఉపయోగం లేనప్పుడు, వర్క్ పీసెస్ బాగా హార్డుగా, మరింత గట్టిగా వున్నప్పుడు లేదా బాగా పెళుసుగా ఉండి కటింగ్ ఫోర్సెస్ ని తట్టుకోలేనప్పుడు, పార్ట్ షేప్ అనేది బాగా క్రిటికల్ గా వున్నప్పుడు, ఈ అడ్వాన్స్డ్ మెషీనింగ్ ప్రాసెసస్ ని వాడి మంచి ఫలితాలను పొందవచ్చన్నారు.

కళాశాల వైస్ చైర్మన్ శ్రీ మిట్టపల్లి చక్రవర్తి గారు మాట్లాడుతూ ఇటువంటి నూతన తయారీ రంగ పద్ధతులు అధ్యాపకులు తెలుసుకొని విద్యార్థులకు భోదించడం ద్వారా వారికి అధునాతన ఉత్పత్తి మరియు తయారీ రంగాలలో మెరుగైన అవకాశాలు ఉంటాయన్నారు

కళాశాల సెక్రటరీ శ్రీ మిట్టపల్లి రమేష్ బాబు గారు మాట్లాడుతూ ప్రతి ఉపాధ్యాయుడు నిరంతర విద్యార్థిగా ఇటువంటి అంశాలపై పట్టు సాధించినప్పుడే కళాశాలలు మరింత పురోగతిని సాధిస్తాయని అన్నారు.

కళాశాల చైర్మన్ శ్రీ మిట్టపల్లి వెంకట కోటేశ్వరరావు గారు NITTTR చండీగర్ అధ్యాపక బృందాన్ని , ఈ కార్యక్రమ నిర్వాహకులను మరియు ఈ కార్యక్రమ సమన్వయకర్త డాక్టర్ బి.వేంకట శివ గారిని అభినందించారు.

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ఆంధ్రప్రభ

ఎన్ఈసీలో ముగిసిన అధ్యాపక శిక్షణా శిబిరం

నరసరావుపేట,మే 10 (ప్రభన్యూస్):నరసరావుపేట ఇంజనీరింగ్‌కళాశాల మెకానికల్ ఇంజనీరింగ్ విభాగం ఆధ్వర్యంలో నేషనల్ ఇనిస్టిట్యూట్ ఆఫ్ టెక్నికల్ టీచర్స్ ట్రైనింగ్ అండ్ రీసెర్చ్ చండీఘర్ అధ్యాపక బృందం పర్యవేక్షణలో అడ్వాన్స్డ్ మెషినింగ్ ప్రాసెస్ అనే అంశంపై వారం రోజుల అధ్యాపకశిక్షణాశిబిరం శుక్రవారంతో ముగిసినట్లు మెకానికల్ విభాగాధిపతి డాక్టర్ బి.వెంకటశివ తెలిపారు. ఈ సందర్భంగా ఆయన మాట్లాడుతూ ఈ వారం రోజుల శిక్షణా శిబిరంలో అడ్వాన్స్డ్ మెషీనింగ్ప్రాసెస్ గురించి, రివర్స్ ఇంజనీరింగ్,3డి ప్రింటింగ్, మాన్యూఫ్యాక్చరింగ్ సిస్టమ్స్, అప్లికేషన్ ఆఫ్ సిఏడి ఇన్ ఆర్‌పిటి, రాపిడ్ ప్రోటో టైపింగ్ తదితర అంశాలపై అధ్యాపకులకు శిక్షణనిచ్చినట్లు తెలిపారు. కళాశాల ఇన్‌ఛార్జి ప్రిన్సిపాల్ డాక్టర్ డి.సునీల్ మాట్లాడుతూ పాత ట్రెడిషనల్ మెషీనింగ్ ప్రాసెస్ సరైన ఫలితాలు ఇవ్వనప్పుడు, ఆర్థికంగా ఉపయోగం లేనప్పుడు వర్క్ పీసెస్ బాగా హార్డ్‌గా, మరింత గట్టిగా ఉన్నప్పుడు ఈ అడ్వాన్స్డ్ మెషీనింగ్ ప్రాసెస్‌నువాడి మంచి ఫలితాలను పొందవచ్చన్నారు. కళాశాల వైస్ చైర్మన్ మిట్టపల్లి చక్రవర్తి మాట్లాడుతూ ఇటువంటి నూతన తయారీ రంగ పద్ధతులు అధ్యాపకులు తెలుసుకొని విద్యార్థులకు బోధించడం ద్వారా వారికి అధునాతన ఉత్పత్తి, తయారీ రంగాల్లో మెరుగైన అవకాశాలు ఉంటాయన్నారు. కళాశాల సెక్రటరి మిట్టపల్లి రమేష్ బాబు మాట్లాడుతూ ప్రతి ఉపాధ్యాయుడు నిరంతరం విద్యార్థిగా ఇటువంటి అంశాలపై పట్టు సాధించినప్పుడే కళాశాలలు మరింత పురోగతిని సాధిస్తాయన్నారు. కళాశాల చైర్మన్ మిట్టపల్లి కోటేశ్వరరావు చండీఘర్ అధ్యాపక బృందాన్ని, కార్యక్రమ నిర్వాహకులను అభినందించారు.

11/05/2024 | Guntur | Page : 16
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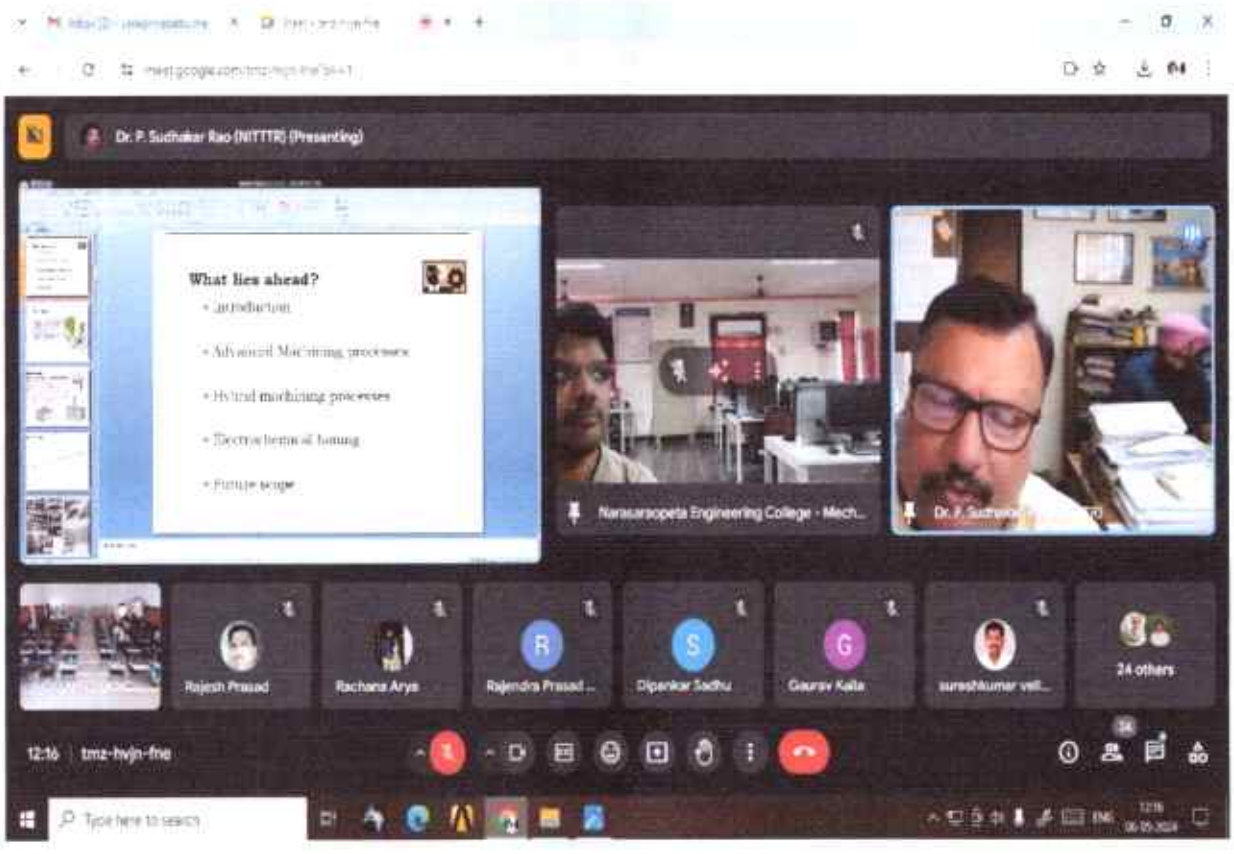
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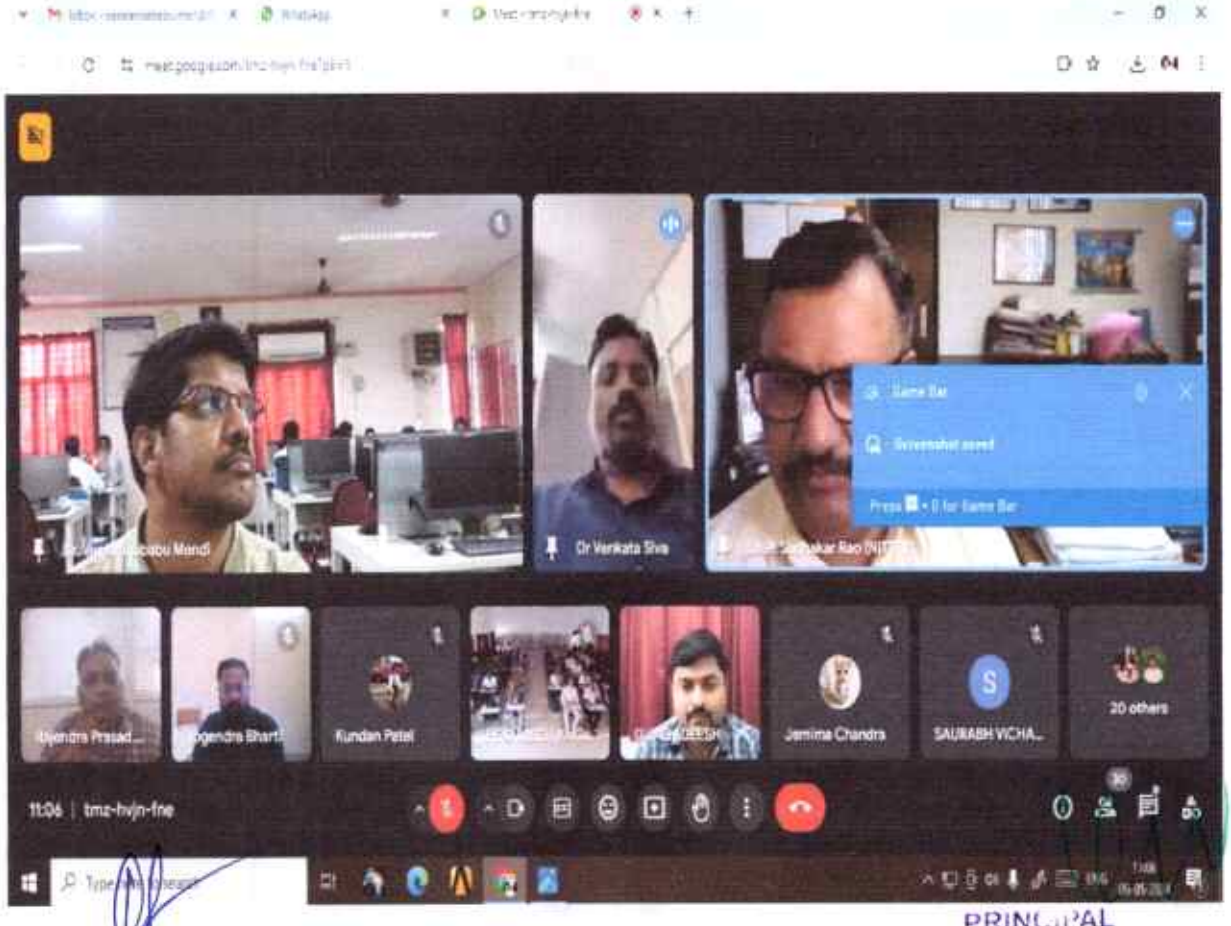
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on

Advanced Machining Processes

Conducted by

Mechanical Engineering Department

from

06/05/2024 to 10/05/2024 (One Week)

at

Narasaraopeta Engineering College (Autonomous), Narasaraopet, Guntur, Andhra Pradesh, India

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