NEC NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)

Key Indicator - 6.3

Faculty

Empowerment Strategies

NARASARAOPETA
ENGINEERING COLLEGE
(AUTONOMOUS)

6.3.3

Average number of professional development / administrative training programs organized by the Institution for teaching and non-teaching staff

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

List of Professional development Programs

6.3.3 Average number of professional development / administrative training programs organized by the institution for teaching and non teaching staff during the year

Dates (from-to) (DD-MM-YYYY)	Title of the professional development/ administrative training programs organised for teaching staff (Professional development/ administrative training programs)	No. of participants
07-06-2021 to 11-06-2021	A 5- Day Virtual Faculty Development Pogramme on Entrepreneurship and Startup	65
18-06-2021 to 21-06-2021	Sttp On Advancements In 3d Printing Technology	21
16-07-2021 to 17-07-2021	International Conference On Artificial Intelligence And Its Emerging Areas(NEC-ICAIEA-2k21)	76
23-07-2021 to 24-07-2021	Virtual International Conference On Signal Processing And Communications	32
28-07-2021 to 29-07-2021	Virtual International Conference On "Recent Trends In Power Systems &Power Electronics (NEC-VICPSPE-2K21)	47
30-07-2021 to 31-07-2021	A Virtual International Conference On "Emerging Trends In Mechanical Engineering And Industrial Automation" (NECICETMEIA-2K21)	62
02-08-2021 to 06-08-2021	A 5- Day Virtual Faculty Development Pogramme on Quantum Computing for Machine Learning and Deep Learning	65
06-08-2021 to 07-08-2021	Virtual International Conference On Emerging Trends In Civil Engineering	42
22-09-2021	Webinar On Woman Empowerment In Engineering	60
24-09-2021	IPR & It's Role In Research And Innovation	70
01-10-2021	Webinar On Iot Technical Session-1 On Iot, E-Yantra Team Iit Bombay	30
13-10-2021	Guest Lecture For Faculty On "5g Wireless Technology"	35
25-10-2021 to 29-10-2021	A one Week FDP On Reverse Engineering in Association with NITTTR Chandigarh	18
19-11-2021	Webinar On Application Of Thin-Film Transistors In The Transparent And Flexible Electronics	60
13-12-2021 to 14-12-2021	A 2-Day Webinar on Virtual Reality	65
27-12-2021 to 31-12-2021	A one Week FDP Modelling And Simulation Using Matlab in Association with NITTTR Chandigarh	19
17-01-2022 to 21-01-2022	A one week FDP on 3d & 4d Printing Applications in Association with NITTTR Chandigarh	20
21-02-2022 to 25-02-2022	A 5- Day online Faculty Development Pogramme on Natural Language Processing	65
03-03-2022 to 09-03-2022	One Week Faculty Development Program on PRIMAVERA	5
18-04-2022 to 23-04-2022	Training Program on Land Survey Using Total Station	5
13-05-2022	A Webinar on Devops	65

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Professional Development Programs

A 5- Day Virtual Faculty Development Programme on Entrepreneurship and Startup

A 5-Day FDP on Entrepreneurship & startup

Circular

NARASARAOPETA 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 COMPUTER SCIENCE AND ENGINEERING

Date: 14-07-2021

CIRCULAR

The Department of Computer Science and Engineering is organizing A 2-Day **Virtual International Conference on Artificial Intelligence and its Emerging Areas** (NEC-ICAIEA-2K21) during 16-07-2021 to 17-07-2021. All the faculty, Research Scholars and Final Year B. Tech. Students who have submitted their papers are informed to attend the program without fail. Others who wish to attend also can attend.

Program Chief Convenor	**: Dr. S.N. Tirumala Rao** Professor & Head, Dept. of CSE (9885271324)
Program Convenor	**: Dr. S.V. N. Sreenivasu** Professor in CSE Dept. (9849866902)
Program Co-Convenor	: **Dr. B. Jhansi Vazram Bolla** Professor in CSE Dept. (9908888519)
Resource Person-1	**: Dr Venakta Tulasiramu Ponnada,** Lead Staff Engineer, M/s Collins Aerospace, Melbourne, Florida, USA
Resource Person-2	**: Dr. Ajay Bandi,** Associate Professor, Mississippi State University

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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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Broucher

Conference Boucher

About NEC

The Narasaraopeta Engineering College was established in the year 1998 by Gayatri Educational Devel-opment Society, Narasaraopet, under the leadership of Sri M.V.Koteswara Rao, who has a vision of devel-oping 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 thrice 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 Seven courses at B.Tech level in the branches EEE, CSE, CSE-AI, IT, 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 Devel-opment Centre (VDC) is established in association with i2i, 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 Guntur 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 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 240. The department also offer PG program M.Tech (Computer Science and Engineering) with an intake of 18 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 thrice 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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Vice-Chairman, NEC Group

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INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE AND ITS EMERGING AREAS

NEC-ICAIEA-2K21

(VIRTUAL)

16th - 17th July, 2021

Organized By

Department of Computer Science and Engineering

In Association With

CSI

Narasaraopeta Engineering College (Autonomous)

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

Ph: 08647-239912, 9885271324, 9849866902

Fax No.: 08647-239902

E-Mail: neciccse21@gmail.com, csehod@nrtec.in

Website: http://www.nrtec.in

ABOUT THE INTERNATIONAL CONFERENCE

The Objective of NEC-ICAIEA-2K21 is to present the latest research and results of scientists related Computer Science Engineering, Artificial Intelligence, Machine Learning, Deep Learning and Emerging Area Topics. This conference provides opportunities for the different areas delegates to exchange new ideas and application experiences face to face through online, to establish business or research relations and to find global partners for future collaboration. We hope that the conference results constituted significant contribution to the knowledge in those up to date scientific field. The organizing committee of conference is pleased to invite prospective authors to submit their original manuscripts to NEC-ICAIEA-2K2021

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
- Any Other Emerging Areas

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 upload in google form Link: https://forms.gle/PnhfLEYawV43Wq2P9 and also send soft copy through e-mail (neciccse21@gmail.com). The selected papers will be notified for registration.

i) No. of Authors per paper is limited to four only.
ii) E-certificate will be provided to authors presentation and present during their paper presentation.
iii) ISBN international conference proceedings will be provided with an additional charge of INR 350 (Cost of one book)
iv) 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.

CONFERENCE ADVISORY COMMITTEE

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Dr. G. Madhavi, JNTUK
Dr M.BabuReddy, KU
Dr. B. Srinivasa Rao, VIT, Amaravathi

IMPORTANT DATES

Paper Submission opens from	: 20th June, 2021
Paper Submission closes on	: 5th July, 2021
Acceptance Intimation	: 10th July, 2021
Camera Ready Paper, Copy right form Submission & Author Registration	: 12th July, 2021
Conference Dates	: 16th & 17th July, 2021

REGISTRATION DETAILS

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

NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)
Narasaraopet – 522601, Guntur District, A.P.
INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE AND ITS EMERGING AREAS
NEC-ICAIEA-2K21
(VIRTUAL)
16th - 17th July, 2021

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 Students/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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VIRTUAL INTERNATIONAL CONFERENCE ON

ARTIFICIAL INTELLIGENCE AND ITS EMERGING AREAS

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

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- Software Testing
- Any Other Emerging Areas

Conference Advisory Committee

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Special Saving Account No : 476010100026877
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Paper Submission Link: https://forms.gle/PfnMLEYawV43WqPn9

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

Contact Details

Chief-Convener:
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Convener:
Dr. S.V.N. Sreenivasu - 9849866902
Co-Conveners:
Dr. B.Jhansi Vazram - 9908888519
Dr G.Syam Prasad - 9989834447
Dr. K.Lakshminadh - 9948146862
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Dr T.V.Sai Krishna - 7569155020
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Schedule

Conference Schedule

16-07-2021	Inaugural Session (10:00AM – 10:30 AM)
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-2K21 by "Dr. S. V.N. SREENIVASU" Convenor, NEC-ICAIEA-2K21
10:10 AM	Address by "Dr. S.N. Tirumala Rao", Chief Convener-NEC-ICAIEA-2K21, 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. Venkata Tulasiramu Ponnada, Keynote Speaker Lead Staff Engineer, M/s Collins Aerospace Melborne, Florida, USA
10.30 AM	Release the Conference Proceeding with the hands of all dignitaries
10:35 AM	Vote of Thanks
10:40 AM	National Anthem

Keynote Address Schedule WITH Online Joining Links

Time (IST)	Friday, 16th July 2021	Time (IST)	Saturday, 17th July 2021
10.00 AM-10.30 AM	Inaugural Ceremony (Online) Join Link: - https://tinyurl.com/tpjpd5ws	10:00 AM-11:00 AM	Keynote Address by Dr. Ajay B. Professor, **Northwest Missouri State University, USA** Addressing "Big Data Streaming Architectures" Coordinator: **Dr. S.V.N. Sreenivasu** Join Link:- https://tinyurl.com/tpjpd5ws
10.30 AM-11:30 AM	Keynote Address by Dr. Venkata Tulasiramu Ponnada, Lead Staff Engineer, M/s Collins Aerospace, USA Addressing "AI role in Clinician decision supporting systems" Coordinator: **Dr. S.V.N. Sreenivasu** Join Link:- https://tinyurl.com/tpjpd5ws		

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Attendance Sheet

Session wise Presented Paper Titles and Authors List of

Session-1

Paper ID	Title with Authors
NECICAIEA083	Sensile Soil Analyzing Application - Mathi Raasi, G. Santhi Sri, M Sravya,Shaik Khaja Mohiddin Basha
NECICAIEA084	Sentiment Analysis Of Movie Reviews Using Ml - Mukunda Gagula, Lakshma Reddy, Sai Venkatesh, Shaik Rafi
NECICAIEA087	Smart Parking System Using Web Application, - K Razeena Begum, S Anand, K Vivek, K Manideep
NECICAIEA088	Social Distance Monitoring Using Deep Learning - Satuluri Vijaya Lakshmi, K.K.N. Bhuvaneswari, B. Vijaya Lakshmi
NECICAIEA089	Stock Value Prediction Using Regression - B. Jhansi Vazram, G. Venkatrao, D. Srtinivasa Reddy, V.Ashok Kumar
NECICAIEA091	Summarized Reviews with Attention Mechanism Using Lstm - Tahfeem Shaik, Sirajuddin, Shaikrafi
NECICAIEA092	Supervised Learning For Fraud And Malware Detection From Android Applications, - Tunuguntla Bala Bhaskar Rao, Dronadula Narendra, Maddu Phanindra Kumar, Dr. S.V.N.Srinivasu
NECICAIEA093	Trust-Based Privacy Preserving Photo Sharing In Online Social Networks - Mrs R. Padmaja, Sk.Shahnoor, N.Nikhila, L.Thanusha
NECICAIEA094	Useableness And Applications of Blockchain Technology In Cloud Computing Environment - D Venkatesh, M Vijaya Bhaskar, J Raghunath, D Raghava Raju
NECICAIEA095	Weather Prediction - Kotha Tharun Teja, G. Ashok, K.Raviteja,N.Raviteja
NECICAIEA096	Wholesale And Retail Store Management System - Mr K Siva Rama Krishna, Saranya Bala.Y, Triveni.V , Sai Divya
NECICAIEA085	Supervised Learning Models for perception of Multi-Trafic scene, Shaik Jakira, Damineni Navya ,Konikineni Mary Lakshmi, G. Sambasiva Rao

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Session-2

Paper ID	Title with Authors
NECICAIEA068	Network Coding Techniques to Store the Data Securely In Cloud. - Guru Brahmam Madala, Vijay Anand R
NECICAIEA069	Network Spam and Fake User Detection in Online Social Networks Using Support Vector Machine. - Majeti Pavan Kalyan, Anchula Sreekanth, Ravi Mahesh Babu, G. Sambasiva Rao
NECICAIEA070	Next Word Prediction Using Recurrent Neural Networks - Srikanth Kolisetty, B. Venkateswarlu, S. Siva Sai Kumar, T. Uday Kumar
NECICAIEA071	Nobel Methodologies for Immigration of Service Oriented Architecture Based Applications to Microservice Archatecture M Madhu Sudhan, P Indupriyankaray, Aelluri Lakshmi, M Sreenandan Reddy
NECICAIEA073	Plant Leaf Disease Detection System Using Resnet-50 - Chappa.Ramya Sai, K. Kavya,K.Meghana,A.Tulasi
NECICAIEA074	Predicting The Survival of Patients with Heart Failure-Machine Learning Methods – Hemalatha Tatiparthi, G. Mounika, K.Prasanthi,G.Hemavani
NECICAIEA075	Prediction Of Agriculture Yields Using Machine Learning Algorithms, - Katepalli Sai Sravanthi, Grandhisila Venkatanagalakshmipravallika, Kollipara Harika,M. Mamatha
NECICAIEA076	Prediction Of Covid 19 Epidemics Using Data Analytics - S. Anil Kumar, G. Sathar
NECICAIEA077	Prediction Of Covid Readmissions Using Machine Learning - Athukuri Lakshmi Narendra Kumar, B.V.V.N. Sai Kumar
NECICAIEA079	Rainfall Prediction Using Machine Learning - Anusha Bhavanam, Ch. Vyshnavi, Ch. Priyanka
NECICAIEA081	Review On Load Balancing Using Cloud Computing - J Raghunath, A Chandra Sekhar, Shaik Razia, D Venkatesh
NECICAIEA082	Road Safety And Vehicle Accident Prevention - G. Gayatri, G. Gayatri,K.Sugunitha

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Session-3

Paper ID	Title with Authors
NECICAIEA052	Implementation Of Video Steganography Cryptography System for Iot-Based Cloud Computing Security, - Sanivarapu Sagar Reddy, Mallavarapu Nikhil, Chevala Venkatesh, Dr. S.V.N.Srinivasu
NECICAIEA053	Inform Me-Family Gps Locator - Oruganti Ramesh, G Prabhakara Reddy, Ch. Anil
NECICAIEA054	Ipl Score Prediction Using Machine Learning Methods - Rajyalakshmi Dondapati, N. Likitha, M.Anmisha
NECICAIEA055	Liver Disease Prediction Using Machine Learning Methods - Sravana Sandhya Rani Karnati, K. Sravana Sandhya Rani, B.V. Gayithri, K.Vijayalakshmi
NECICAIEA057	Loan Prediction Using Machine Learning, Tadepalli Sai Chandra Sekhar, Naru Siva Kotireddy, Patan Anwar Khan
NECICAIEA058	Lung Cancer Prediction - Naga Mallika Gude, M. Navya Sri, B. Sukanya
NECICAIEA059	Map Reduced Segmentation Clustering for Big Data Analytics Using Extended K-Mean Clustering Technique - Mvs.Prasad
NECICAIEA061	Mask R-Cnn For Fire Detection - Razeena Begum Shaik, S Yogananda Datta, M S V Manoj
NECICAIEA062	Melanoma Prediction Using Deep Learning - Aishwarya Nallapati, D. Jaya Tejaswini, J. Prashanthi, T. Siri Chandana
NECICAIEA065	Multilevel Hierarchy Based Privacy Preserved Profile Publishing in Cloud Environment, - Esthala Abhishek, Kambhampati Adinarayana, Battula Ramesh, G. Sambasiva Rao
NECICAIEA066	Music Recommendation Application Based on Facial Expressions - Ms Mohammad Arsha Sultana, Abdul Saherabegum, Akhila Umma, Guthula Jayasri Sai Nikitha
NECICAIEA067	Mutual Fund Prediction Using Machine Learning - Shaik Nannu Saidavali, N. Vinay Chandra Pal, K. Bhaskar Reddy

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Session-4

Paper ID	Title with Authors
NECICAIEA038	Facial Expression Recognition With Convolutional Neural Networks - S. Siva Nageswara Rao, S. Ramya, T. Anantha Lavanya
NECICAIEA039	Fake Currency Detection. - Mr.Sk.K.M. Basha, Yalagala Hema Latha, Gatakala Venkata Sravya Bhavani, Macharla Maitili
NECICAIEA040	Fake News Detection - Gangasani Likitha, I. Navya Sri, D. Swetha
NECICAIEA041	Fake News Detection Using Machine Learning - Srikanth Mylapalli, Mylapalli Ramesh
NECICAIEA042	Forest Fires Detection Using Machine Learning Algorithms - N.S. Sesi Kiran, P. Lakshmi Narayana, Sk. Mastanvali, P. Nivas
NECICAIEA043	Functioning Of Artificial Intelligence in A Self-Driving Vehicle - A Review -Penugonda Surya Teja, None
NECICAIEA044	Generic Recommendation Engine Using Hybrid Filtering Model - G Prabhakara Reddy, O Ramesh, Ch Anil
NECICAIEA046	Head Motion Detection - Dr A Srinivasa Rao, M. Prathyusha, Y. Rajeswari
NECICAIEA047	Heart Disease Prediction Using Machine Learning - Jhansi Lakshmi Manukonda, R. V. P. S. Rekha, T. Divya, G. L. N. Jayaprada
NECICAIEA048	House Price Prediction - Bodlapati Sowmya Reddy, M. Yamini Priya, P. Manasa
NECICAIEA050	Image Captioning Using Deep Learning - Y E V Pratap Kumar Kuchi, M. Sireesha, G. Sai Akhil, K. Hema Sai Mourya Gupta
NECICAIEA051	Image Classification Using Object Detection With YOLO Algorithm, Shaik Bhadhar Shareef, Putchakayala Ramesh, Angajala Anil, G. Sambasiva Rao

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Session-5

Paper ID	Title with Authors
NECICAIEA024	Detection Of Online Public Shaming With Offensive Content On Twitter. - Gutta Sai Durga, Gopu Sandhya, Jonnalagadda Madhavi, Dr. S.V.N.Srinivasu
NECICAIEA025	Detection Of Phishing Attacks Using Natural Language Processing And Logistic Regression Model. - Surubula Thirupathi Rao, Pothukuchi Mahesh Babu, Rayala Venu,V. Mahesh Babu
NECICAIEA026	Detection Of Social Network Mental Disorders Through Mining Of Online Social Media. - Battula Venkata Ananta Mehar Gopi, Rajarapu Venu Babu, Maddineni Naveen ,Dr. S.V.N.Srinivasu
NECICAIEA029	Diabetics Prediction Using Ml - Vengalasetty Pavankalyan, M. Subhani, N. Vijayakrishna
NECICAIEA030	Diabetics Prediction, - Pathan Sajida, S. Amulya, V.Nandhini
NECICAIEA031	DL-CNN Framework For Malicious Social Bots Detection, - Syed Fathima, Ponnapati Mallika, Gandru Akhilendra Chowdary,M. Mamatha
NECICAIEA032	Door Security System Using Face Recognition -Dr A Srinivasa Rao, K.G.J. Prasanth, M. Rama Rao
NECICAIEA033	Eeg Classification With Convolutional Neural Networks - S V N Sreenivasu, T Bhargavika, B Anusha ,P Jayasri
NECICAIEA034	Emotion Recognition From Multimodal Data (Speech, Video, Text) Based On Deep Learning Techniques D. P.Supraja
NECICAIEA035	Estimation Of Population Analysis - Tarun, G. Tarun,T.Purnavamsi,K.Vivekreddy
NECICAIEA036	Eye Ball Cursor Movement Using Opencv - B. Preethi, D. Bharadwaja,B.Preethi, K.Charithra Lavanya,N.Sony
NECICAIEA037	Face Detection, Age And Gender Prediction - Gudapati Syam Prasad, K. Narendra Babu, N.Hemanth Kumar,K.Srinivas

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Session – 6

Paper ID	Title with Authors
NECICAIEA005	An Interactive Study of Thyroid Disease Prediction Using Machine Learning – D. Lokesh Gupta, D. Lokesh Gupta, K.V. Narasimha Reddy, D. Ramesh, V. Veerendra
NECICAIEA006	Autoregressive Integrated Moving Average Model for Prediction of Crypto Currency. - Pokuri Jaya Venkata Naga Sudhakar, Alladi Anil, Avula Venkata Rami Reddy, V. Mahesh Babu
NECICAIEA008	Biometric Identification Scheme with Efficient Privacy-Preserving Mechanism for Cloud Computing Service. - Shaik Ruksana, Bandaru Naga Siva Saisuryatejaswi, Yadavalli Yedukondalu, M. Mamatha
NECICAIEA009	Bitcoin Price Prediction - Mrs R. Padmaja, K.V.D Hanisha, B Amulya, M Harika
NECICAIEA011	Calories Burned Prediction. - Niharika Motupalli, B. Siva Kanaka Raju Shaik Mehataj, U. Jhansi Rani, T .Bhavani
NECICAIEA012	Cartoonize Image Using Deep Learning - Gouse Mastan Vali, D. Vamsi Krishna, A. Sairam, K.S.Lakshmi Narayana
NECICAIEA014	Children Speech Recognition Using Machine Learning Methodologies - Dr.T.V. Sai Krishna, R Venkat
NECICAIEA016	Clarification Of Webbing Through Cloud Computing Technologies - Amara.S.A.L.G. Gopala Gupta, Dr. Gudapati Syam Prasad
NECICAIEA017	Convolutional Lstm Model For Sentiment Analysis On Social Big Data - Raghuveer Pachipulusu, V. Ananth Reddy, R. Sai Kiran, T. Vignesh
NECICAIEA019	Data Preprocessing for Efficient Prediction in Customer Relationship Management. - Patur Ganga, K. Arun
NECICAIEA020	Design And Experimental Study of Automatic Colour Sorting by A Robotic Arm System - T. Lakshmibai
NECICAIEA022	Detection Of Autism Disorder Based on Eeg Signal Using Deep Learning Methods -Ranjani M. P. Supraja

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Session – 7

Paper ID	Title with Authors
NECICAIEA007	Bigmart Sales Prediction Using Machine Learning Models - Shanmukha Lakshmi Pavan Kumar Koduru, Mahesh Sriramineni, Venkateswar Reddy G, Dr. Jayaprada G.L.N
NECICAIEA010	Book Review System Using Machine Learning - Gonuguntla Sai Akhil, Y.E.V. Prathap Kumar Kuchi, K.H.S. Mourya Gupta
NECICAIEA013	Charity Donor - Murarisetty Naga Sai Lakshmi Pavani Amulya, Y.C.P. Himaja, G.Varshini, O.Aruna
NECICAIEA015	Chronic Kidney Disease Prediction - Satuluri Vijayalakshmi, K.V. Narasimha Reddy, K..K.N. Bhuvaneswari, B.Vijaya Lakshmi
NECICAIEA018	Cricket Score Prediction, - Sk. Gouse Mastan Vali, D. Vamsi Krishna, A. Sairam, K.S. Lakshmi Narayana
NECICAIEA021	Detecting Phishing Websites - S.V.N Srinivasu, Jonnalagadda Sowmya, Y.L. Pravallika, D. Mounika
NECICAIEA023	Detection Of Chronic Kidney Disease Using Machine Learning - Uday Kumar Thota, Uday Kumar Thota, Suresh Pulivarthi, Ramesh Nalamala, Ravi Teja Nadella, Suresh Yallamati
NECICAIEA027	Diabetes Disease Prediction Using Machine Learning Techniques - Bhavana Gaddam, Sowmya Jonnalagadda
NECICAIEA028	Diabetes Rentinopathy Detection - Gadde Sivani, Sk. Zabheen, M. Anusha, A. Ramani
NECICAIEA045	Glass Classification Using Machine Learning - Geetha Amrutha Prathyusha Madisetty, Aakanksha Yelchuri, Raga Navya Mokkapati, Vinaya Sri Mutyam, B. Jhansi Vazram
NECICAIEA049	Hypothyroid Disease Prediction - Bandi Jaya Sri, J.S.L. Bharathi, N.Sri Vyshnavi,Sk.Roshini
NECICAIEA056	Loan Prediction System - Divya Gopavarapu, K. Manasa, A.Akhila,M.Sireesha

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Session – 8

Paper ID	Title with Authors
NECICAIEA001	A Data Mining Based Model For Detection Of Deceitful Behaviour In Water Consumption - Tejasri Choudi, B.V. Satish, V. Naga Jyothi, K.Navya
NECICAIEA002	A Machine Learning Framework For Prediction Of Heart Disease, Ramasetty Ramu, Kota Jagadeesh, Chanti Rajamohan Reddy, V. Mahesh Babu
NECICAIEA003	A Supervised Learning Algorithm for Credit Card Fraud Detection, - Guggilam Sai Sri, Gummadilli Gouthami, Potluri Srividya, M. Mamatha
NECICAIEA004	Amazon Product Review Sentiment Analysis Using Machine Learning - Ms Mohammad Arsha Sultana, P. Rakesh, M. Sandeep, G. Jagadeesh
NECICAIEA060	Marathon Time Prediction Using Random Forest Regressor - Moturi Sireesha, Kalluri Narendra Babu, Nalamothu Hemanth Kumar, Kollipaka Srinivas
NECICAIEA063	Mobile Price Prediction Using Machine Learning - Maddi Venkata Dinesh, M. Sai Prasanth, G.V. N Pandu Ranga Sai, Dr.S.Siva Nageswara Rao
NECICAIEA064	Movie Recommendation System - Nandigama Venkatasatya Kowlini, K.V.L.N. Krishnaveni, R.Lakshmi Prasanna
NECICAIEA072	Parkinson's Disease Prediction - Pidugu.Akhila, P. Alekhya,K.Naga Durga,B.Jhansi Vazram
NECICAIEA078	Quality Prediction of Red Wine Based On Different Feature Sets Using Machine Learning Techniques - Srikanth Kolisetty, B. Venkateswarlu, S. Siva Sai
NECICAIEA080	Redwine Quality Prediction - Jirra Mounika Priyanka, Dr.G.L.N. Jayaprada, J. Mounika Priyanka, A.Megana, M.Poojitha
NECICAIEA086	Sentiment Analysis On Movie Reviews - Raghuveer Pachipulusu, V.Ananth Reddy, R.O.S.N.Sai Kiran, T.Vignesh
NECICAIEA090	Student Sgpa Prediction Using Machine Learning Techniques - Kosuru Sandeep, Shaik Karimulla, Shaik Riyaz, Moturi Sireesha

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Best Papers Awarded in Each Session List

NECICAIEA093	Trust-Based Privacy Preserving Photo Sharing In Online Social Networks - Mrs R. Padmaja, Sk.Shahnoor, N.Nikhila, L.Thanusha
NECICAIEA070	Next Word Prediction Using Recurrent Neural Networks - Srikanth Kolisetty, B. Venkateswarlu, S. Siva Sai Kumar, T. Uday Kumar
NECICAIEA055	Liver Disease Prediction Using Machine Learning Methods - Sravana Sandhya Rani Karnati, K. Sravana Sandhya Rani, B.V. Gayithri, K.Vijayalakshmi
NECICAIEA047	Heart Disease Prediction Using Machine Learning - Jhansi Lakshmi Manukonda, R. V. P. S. Rekha, T. Divya, G. L. N. Jayaprada
NECICAIEA034	Emotion Recognition From Multimodal Data (Speech, Video, Text) Based On Deep Learning Techniques D, P.Supraja
NECICAIEA020	Design And Experimental Study of Automatic Colour Sorting by A Robotic Arm System - T. Lakshmibai
NECICAIEA013	Charity Donor - Murarisetty Naga Sai Lakshmi Pavani Amulya, Y.C.P. Himaja, G.Varshini, O.Aruna
NECICAIEA001	A Data Mining Based Model For Detection Of Deceitful Behaviour In Water Consumption - Tejasri Choudi, B.V. Satish, V. Naga Jyothi, K.Navya

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Programme Report

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Phone: 08647-239905 Website: www.nrtec.in

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 19/7/2022

Program Report

Name of the program : **Virtual International Conference on Artificial Intelligence and its Emerging Areas(NEC-ICAIEA-2K21)**

Date(s) : 16th - 17th July, 2022

Program Chief Convenor : **Dr. S.N. Tirumala Rao**
Professor & Head, Dept. of CSE (9885271324)

Program Convenor : **Dr. S.V. N. Sreenivasu**
Professor in CSE Dept. (9849866902)

Resource Persons:

Resource Person-1 : **Dr Venakta Tulasiramu Ponnada**,
Lead Staff Engineer,
M/s Collins Aerospace,
Melbourne, Florida, USA

Resource Person-2 : **Dr. Ajay Bandi,**
Associate Professor,
Mississippi State University

Session Chairs:

Session-1 : Dr Dr B. Bhanu Prakash,
Professor, Dept. of CSE,
KKR & KSR Institute of Technology, Guntur
&
Dr K. Lakshmi Nadh,
Professor, Dept. of CSE,
Narasaraopeta

Session-2 : Dr Dr G. Siva Nageswara Rao,
Professor, Dept. of CSE,
KLEF, Deemed to be University, Vijayawada
&
Dr G.L.N.Jayaprada.
Professor, Dept. of CSE,

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	Narasaraopeta engineering College
Session-3	: Dr A.Tirupathaiah,
	Professor, Dept. of CSE,
	St.Ann's Engineering College, Chirala
	&
	Dr G.. Syam Prasad,
	Professor, Dept. of CSE,
	Narasaraopeta Engineering College
Session-4	: Dr,S.Gopi Krishna,
	Professor, Dept. of CSE,
	Sri Mittapalli College of Engineering, Guntur
	&
	Dr, T.Sai Krishna,
	Professor, Dept. of CSE,
	Narasaraopeta Engineering College
Session-5	:Dr D.Ravi Kiran,
	Professor, Dept. of CSE,
	Mallineni Perumal Group of Educational Institutions
	(Integrated Campus), Guntur
	&
	Dr B. Jhansi Vazram,
	Professor, Dept. of CSE,
	Narasaraopeta Engineering College
Session-6	: Dr V.V.A.S.Lakshmi,
	Professor, Dept. of CSE,
	Narasaraopeta Institute of Technology, Narasaraopet
	&
	Dr S.Siva Nageswara Rao,
	Professor, Dept. of CSE,
	Narasaraopeta Engineering College
Session-7	: Dr, K.Uma Pavan Kumar,
	Training Specialist in StackRoute, Bangalore,
	&
	Dr S.N.Tirumala Rao,
	Professor& Head, Dept. of CSE,
	Narasaraopeta Engineering College

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Session-8 : Dr K.Pavan Kumar,

Professor, Dept. of CSE,

PVP Sidhardha Institute of Technology, Vijayawada

&

Dr M.Venkata Reddy ,

Associate Professor, Dept. of CSE,

Narasaraopeta Engineering College

Objective of the Program :

The International Conference on Artificial Intelligence and Its Emerging Areas (ICAIEA- 2K21) was organized during 16 and 17 July, 2021, by Department of Computer Science and Engineering, Narasaraopeta Engineering College, Narasaraopet, Andhra Pradesh, India in association with CSI. The ICAIEA-2K21 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 Artificial Intelligence and Its Emerging Areas.

The ICAIEA-2K21 solicited latest research ideas on Artificial Intelligence and Its Emerging Areas., thus inviting researchers working in the domains of Machine Learning, Deep Learning, Computer Vision, Natual Language Processing, Big Data, Augmented Reality, Block chain Technologies, Cloud Computing and Security, etc.

Topics Covered:

- Artificial Intelligence
- Massine learning
- Deep learning
- IoT
- Natural language processing
- Computer vision
- Image processing
- Block chain technology
- Big data
- Cloud computing
- Software testing
- Distributed operating system
- Any Other engineering area

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Outcome of the program:

After attending this program, participants would be able to

- Develop Communication with other authors who have presented their papers in the conference and take suggestions required.
- Compare their research topics with others and analyse how to betterment their research.
- Improve their self-confidence
- Share their knowledge with others.

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No. of Participants : 300

Coordinator

Dr.S.N.Tirumala Rao

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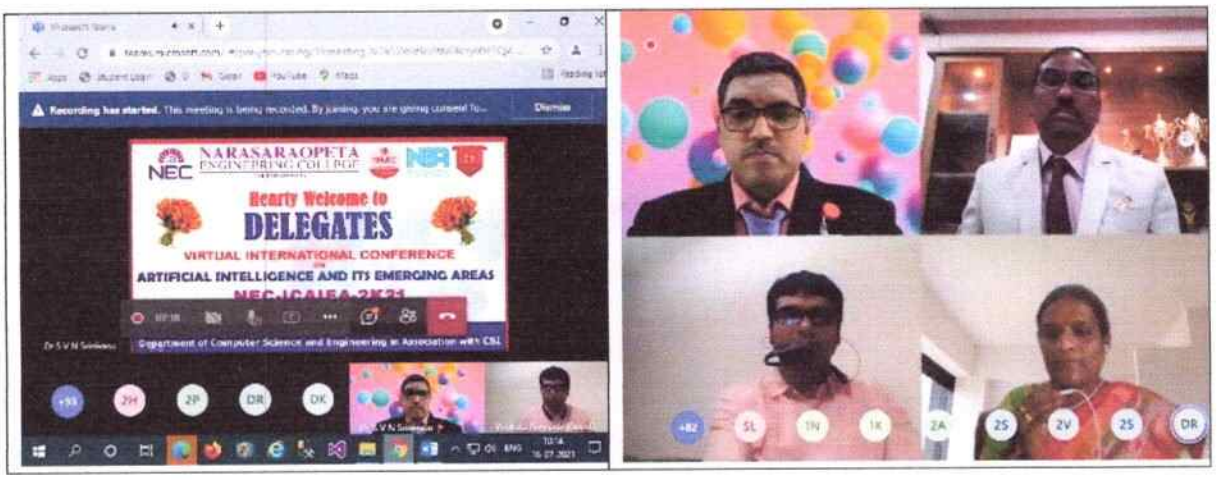



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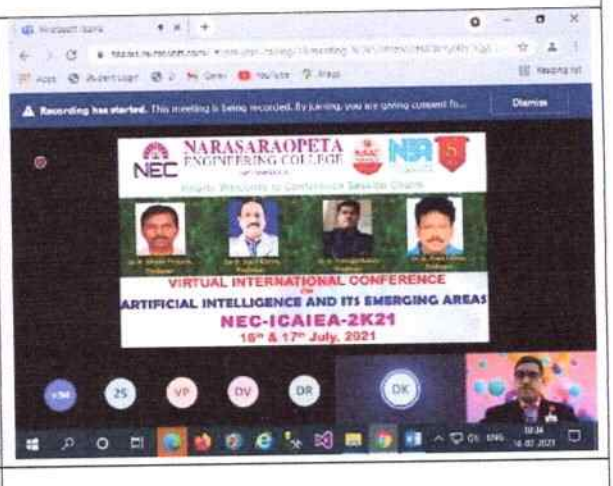



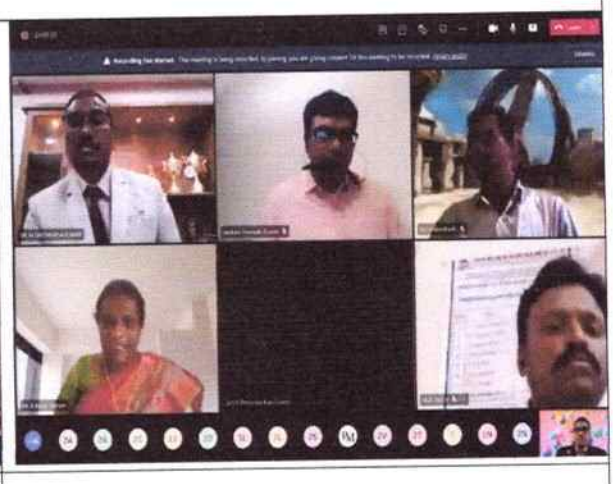

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PAPER ID
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Virtual International Conference on
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Certificate of Presentation

This is to certify that B.Jhansi Vazram , NARASARAOPETA ENGINEERING COLLEGE, has presented the paper titles " Stock Value Prediction Using Regression " 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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Virtual International Conference on

PAPER ID
NECICAIEA039

Artificial Intelligence and Its Emerging Areas

NEC-ICAIEA-2K21

16th & 17th July, 2021

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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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NECICAIEA046

Artificial Intelligence and Its Emerging Areas

NEC-ICAIEA-2K21

16th & 17th July, 2021

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This is to certify that Dr A Srinivasa Rao , ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY, has presented the paper titles " Head Motion 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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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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NECICAIEA037

Certificate of Presentation

This is to certify that Gudapati Syam Prasad , NARASARAOPETA ENGINEERING COLLEGE, has presented the paper titles " Face,Age And Gender Recogntion System Based on Deep 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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Virtual International Conference on

PAPER ID
NECICAIEA033

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

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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Artificial Intelligence and Its Emerging Areas

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16th & 17th July, 2021

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

Certificate of Presentation

This is to certify that Dr A Srinivasa Rao , ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY, has presented the paper titles " Door Security System Using Face Recognition " 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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A Three-Day Short-Term course on "Advancements in 3D Printing Technology"

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: 10-06-2021

CIRCULAR

Department of Mechanical Engineering is organizing A Three-Day Short-Term Course on **"ADVANCEMENTS IN 3D PRINTING TECHNOLOGY"** from **18/06/2021 to 21/06/2021.** Request all the faculty members are to attend.

Program Convenors: Dr. B. Venkata Siva (9692464540)
Mr. Sahail Nagul Meeravali (9866168395)

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 3D printing & Design
- CAD for 3D printing
- Additive Manufacturing Techniques
- .Identification of Products & Techniques
- Materials for 3D Printing
- Product Orientation and Topology
- Process Parameters &Post Processing Techniques
- Industrial Applications in 3D printing
- Case studies in 3D printing
- Role of 3D Printing in Engineering Education.
- Demonstration on 3D Printer
- Hands on training on 3D printer (Ultimaker S5 Pro Bundle)

RESOURCE PERSONS

- **Mr. Rakesh Koppunur**, CEO, KOPP3D INNOVATIONS POC PRIVATE LIMITED.
- **Mr. Prateek Moses**
  Technical Manager, KOPP3D INNOVATIONS POC PRIVATE LIMITED.

For Any Queries Contact:

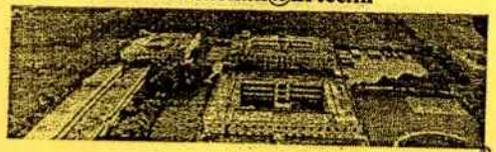
Mr. Shaik Nagul Meeravali,

Mr. Bachali Rambabu,

Mobile No: 9866168395

Email: Nagulmeeravali@nrtec.in

Email :rambabubachali@nrtec.in



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 by times of india ranking survey 2020. 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). NEC is the first Engineering College in A.P. to sign MOU with a Foreign University. The college has AP CM Excellence centre, AI&ML centre and MSME centre. The college offers six M. Tech programs, Two PG courses of MCA, MBA and seven courses at B. Tech level in the branches EEE, CSE, ECE, ME, CIVIL, IT, and CSE (AI). 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. In order to build a vibrant entrepreneurship ecosystem institute has MOU with TiE Hyderabad. Also, the college has Indo-European skilling Centre for Mechatronics and Industrial Robotics in collaboration with APSSDC and ARC, Germany. The college has Dassault Systems 3D Experience Lab, Established in Collaboration with APSSDC. AP CM's Skill Excellence Center is also established to provide students access to the most advanced courses by industry giants. The college has Institution Innovation Council approved by MHRD-IIC. The college is a member of Internshala-Internship Partner. 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 Guntur 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 Three-Day workshop on "ADVANCEMENTS IN 3D PRINTING TECHNOLOGY"

During

18th-20th June- 2021

Organized
By

Department of Mechanical Engineering

NEC NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)

Kotappakonda Road, Yellamanda (P.O)

Narasaraopet – 522601, Guntur District, A.P.

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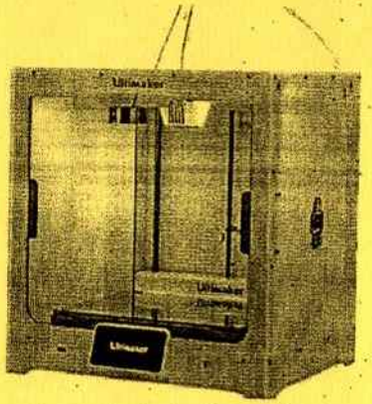
ABOUT THE DEPARTMENT

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. The development has student chapter ISTE & IE (I).

OBJECTIVES OF WORKSHOP

- To import basic knowledge of additive manufacturing. p
- To update the participants with the state-of-the-art technologies in 3D Printing.
- To enable the participants to have experiential learning in 3D modeling, build-setup preparation and 3D printing through hands-on sessions.
- To enable participants to learn the industrial, real life and pedagogical applications of 3D printing.
- To facilitate the participants to develop low- cost 3D printers to teach engineering concepts.



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

Chief Patron

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B. Tech, MS (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

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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

Convener

Dr. B. Venkata Siva
M. Tech, Ph.D., FIE (I), MISTE, ISNT

Co-ordinators

Mr. Shaik Nagul Meeravali
Asst. professor, Dept. ME

Mr. Bachali Rambabu
Asst. professor, Dept. ME

ORGANIZING COMMITTEE

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Dr. T. V. Deepthi
Mr. M. Venkanna Babu
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Schedule

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ORGANIZING BY DEPARTMENT OF MECHANICALENGINEERING

ADVANCEMENTS IN 3-D PRINTING TECHNOLOGY

COURSE SCHEDULE

S.No	DATE	SESSION	TIMING	TOPIC
1	18/06/2021	FN	09:30am to 12:00pm	Introduction to 3D Printing
		AN	01:30pm to 04:00pm	Using a 3D Printer
2	19/06/2021	FN	09:30am to 12:00pm	Preparing Files for Printing
		AN	01:30pm to 04:00pm	Exploring Ways to "Make": Download, Scan, Design
3	20/06/2021	FN	09:30am to 12:00pm	Designing with Tinkercad Software
		AN	01:30pm to 04:00pm	Designing with Open SCAD Software
4	21/06/2021	FN	09:30am to 12:00pm	Designing with Sculptris Software
		AN	01:30pm to 04:00pm	Designing with 123D Software

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Attendance Sheet

NARASARAOPETA ENGINEERING COLLEGE: NARASARAOPET
DEPARTMENT OF MECHANICAL ENGINEERING

A Three day STTP on Advancement in 3D Printing Technology

		18-06-2021	19-06-2021	20-06-2021
Sl.No	**Name Of The Faculty**			
1	Dr.M.Sreenivasa Kumar			
2	Dr.D.Suneel			
3	Dr.D.Jagadish			
4	Dr.B.Venkata Siva			
5	P.Suresh babu			
6	M.Venkaiah			
7	P.Srinivasa Rao			
8	Ch.Sekhar			
9	K.Kiran chand			
10	P.Sravani			
11	T.Ashok kumar			
12	N. Vijaya Sekhar			
13	B. Rajiv Kumar			
14	M.VenkannaBabu			
15	K.John Babu			
16	SK.Bajan			
17	P.Sarath Chandra			
18	SK. Nagul meeravali			
19	B.Rambabu			
20	D.Mojeswara Rao			
21	T.N.V.Mahesh Babu			

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Program Report

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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

Date:23-06-2021

PROGRAMME REPORT

Name of the Programme : A Three-Day Short-Term course on "Advancements in 3D Printing Technology"

Dates : 18th to 21st June, 2021

Details of the Resource Persons :

1. Name : Mr. Rakesh koppunur
   Designation : CEO
   Organization : KOPP3D Innovations Opc pvt.Ltd
   Phone No : 9182658516
   Mail.Id : rakeshkopp3d@gmail.com
2. Name : Mr. Prateek Moses,
   Designation : Technical manager
   Organization : KOPP3D Innovations Opc pvt.Ltd
   Phone No : 9966930765
   Mail.Id : prateekmoseskopp3d@gmail.com

Objective of the programme:

3D printing is a tool that **allows people to create new things**, limited only by imagination. 3D printing and modeling projects should empower students to take chances and make mistakes. Students will be introduced to 3D printing and learn how to create their own print files.

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Car manufacturers have been utilizing 3D printing for a long time. Automotive companies are printing spare parts, tools, jigs and fixtures but also end-use parts. 3D printing has enabled on-demand manufacturing which has led to lower stock levels and has shortened design and production cycles. Automotive enthusiasts all over the world are using 3D printed parts to restore old cars. One such example is when Australian engineers printed parts to bring a Delage Type-C back to life. In doing so, they had to print parts that were out of production for decades. The aviation industry uses 3D printing in many different ways. The following example marks a significant 3D printing manufacturing milestone: GE Aviation has 3D printed 30,000 Cobalt-chrome fuel nozzles for its LEAP aircraft engines. They achieved that milestone in October of 2018, and considering that they produce 600 per week on forty 3D printers, it's likely much higher than that now.Around twenty individual parts that previously had to be welded together were consolidated into one 3D printed component that weighs 25% less and is five times stronger.

Topic Covered:

- Activity 1: Introduction to 3D Printing
- Activity 2: Using a 3D Printer
- Activity 3: Preparing Files for Printing
- Activity 4: Exploring Ways to "Make": Download, Scan, Design
- Activity 5: Designing with Tinkercad Software
- Activity 6: Designing with OpenSCAD Software
- Activity 7: Designing with Sculptris Softward
- Activity 8: Designing with 123D Software

Outcome of the programme:

3D printing encompasses many forms of technologies and materials as 3D printing is being used in almost all industries you could think of. It's important to see it as a cluster of diverse industries with a myriad of different applications.

A few examples:

- Consumer products (eyewear, footwear, design, furniture)
- Industrial products (manufacturing tools, prototypes, functional end-use parts)

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- Dental products
- Prosthetics
- Architectural scale models & maquettes
- Reconstructing fossils
- Replicating ancient artefacts
- Reconstructing evidence in forensic pathology
- Movie props

No. of participants: 21

Coordinator

HOD

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Press Note & Coverage

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Press Note 18.06.2021

ఎన్. ఈ. సీ లో "అడ్వాన్సమెంట్స్ ఇన్ 3D ప్రింటింగ్ టెక్నాలజీ" పై ప్రారంభమైన మూడు రోజుల అధ్యాపక శిక్షణా శిబిరం

స్థానిక నరసరావుపేట ఇంజనీరింగ్ కళాశాల మెకానికల్ ఇంజనీరింగ్ విభాగం ఆధ్వర్యంలో "అడ్వాన్సమెంట్స్ ఇన్ 3D ప్రింటింగ్ టెక్నాలజీ" అనే అంశంపై మూడు రోజుల అధ్యాపక శిక్షణా శిబిరం ఈరోజు న ప్రారంభం అయినట్లు మెకానికల్ విభాగాధిపతి డాక్టర్ యస్.బి.వేంకట శివ గారు తెలియజేశారు. ఈ సంస్థ కు చెందిన రాకేష్ కొప్పునూర్ మరియు ప్రతీక్ మోసెస్ గార్ల చే శిక్షణ ఇస్తున్నామని అన్నారు.

ఈ సందర్భంగా కళాశాల పిన్సిపాల్ డాక్టర్ యమ్. శ్రీనివాస కుమార్ గారు మరియు వైస్ పిన్సిపాల్ డాక్టర్ డి. సునీల్ గారు మాట్లాడుతూ తమ కాలేజీ లో టెక్నాలజీ బిజినెస్ ఇంక్యూబేటర్ (NIDHI-TBI) సహకారంతో నూతనంగా 15 లక్షల రూపాయల వ్యయం తో "అల్టిమేకర్ S5 ప్రో బండిల్" అనే నూతన 3D ప్రింటర్ ని ఏర్పాటు చేశామని తెలియజేశారు. ఒకేసారి రెండు రకాలైన మెటీరియల్స్ ని ఇన్ పుట్ గా తీసుకోవడం ఈ మెషిన్ యొక్క ప్రత్యేకత అని అన్నారు. అలాగే ఇది కాంపోజిట్ 3D ప్రింటర్ అవ్వడం వలన లైట్ వైట్ మరియు హై స్ట్రెంగ్త్ కలిగిన ప్రొడక్ట్స్ ని ప్రింట్ చేయవచ్చన్నారు.

కళాశాల వైస్ చైర్మన్ శ్రీ మిట్టపల్లి చక్రవర్తి గారు మాట్లాడుతూ మెడికల్, ఏరోనాటికల్, డిఫెన్స్ తదితర రంగాలలో వాడుతున్న ఈ త్రీడీ ప్రింటింగ్ విశిష్టతను గుర్తించి తమ కళాశాలలో ఈ త్రీడీ ప్రింటింగ్ ల్యాబ్ ని క్రొత్తగా ఏర్పాటు చేశామని తద్వారా విద్యార్థులకు ఉద్యోగ అవకాశలు మరింతగా పెరుగుతాయని అన్నారు.

కళాశాల సెక్రటరీ శ్రీ మిట్టపల్లి రమేష్ బాబు గారు మాట్లాడుతూ తమ కళాశాలలో అధ్యాపకులకు మరియు విద్యార్థులకు ఆధునిక పరిజ్ఞానం పై నిర్వహిస్తున్న ఇలాంటి కార్యక్రమాలు వారి పురోభివృద్ధికి మరియు అభ్యున్నతికి ఎంతగానో ఉపయోగపడతాయని తెలిపారు.

కళాశాల చైర్మన్ శ్రీ మిట్టపల్లి వెంకట కోటేశ్వరరావు గారు KOPP3D ఇన్నోవేషన్ ఓపీసీ ప్రైవేట్ లిమిటెడ్ బృందాన్ని మరియు ఈ కార్యక్రమ నిర్వాహకులను అభినందించారు. ఈ కార్యక్రమ సమన్వయకర్తలు గ నాగూర్ మీరావాలి మరియు రాంబాబు గార్లు వ్యవహరించారు.

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

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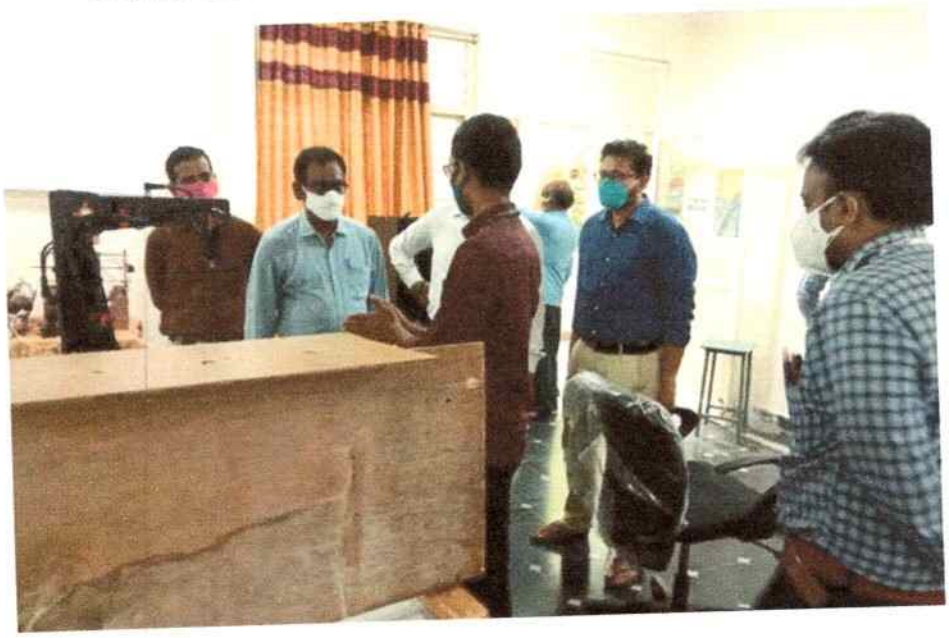
Photos

A Three-Day Short-Term Course on

"ADVANCEMENTS IN 3D PRINTING TECHNOLOGY"



Resource person explain about 3D-Printing Technology



Resource persons along with participants

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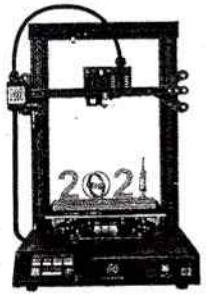

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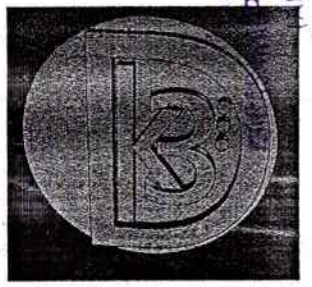
Certificate of Participation



This is to certify that Mr. Dr. M. Sreenivasa Kumar of NEC (A) has participated in a three day STTP on **"Advancements in 3D Printing Technology"** conducted by Department of Mechnical Engineering, Narasaraopeta Engineering College (Autonomous) in association with KOPP3D Innovations OPC Pvt. Ltd., during **18th to 20th June 2021**.

Mr. Rakesh Koppunur	Mr. Sk.N.Meeravali	Dr. B.Venkata Siva	Dr. M. Sreenivasa Kumar
Resource Person	Co-ordinator	Professor &	Principal
CEO, KOPP3D Innovations OPC Pvt. Ltd.,	Dept. of Mech.	HoD, Dept. of Mech.	

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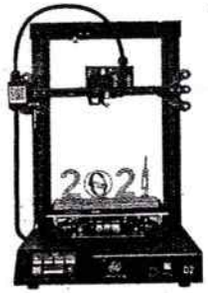

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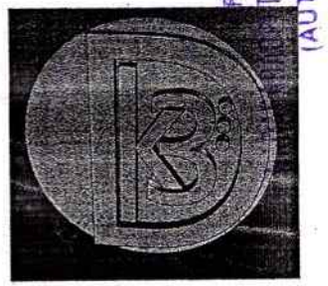

This is to certify that Mr. Dr. D. Suneel

of NEC (A) has participated in a three day STTP on **"Advancements in 3D Printing Technology"** conducted by Department of Mechnical Engineering, Narasaraopeta Engineering College (Autonomous) in association with KOPP3D Innovations OPC Pvt. Ltd., during **18th to 20th June 2021**.

Mr. Rakesh Koppunur	**Mr. Sk.N.Meeravali**	**Dr. B.Venkata Siva**	**Dr. M. Sreenivasa Kumar**
Resource Person	**Co-ordinator**	**Professor &**	**Principal**
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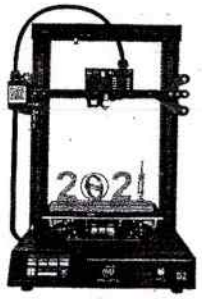

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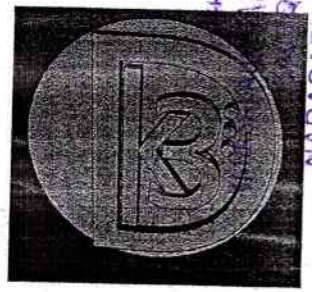

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Mr. Rakesh Koppunur **Resource Person** **CEO, KOPP3D Innovations OPC Pvt. Ltd.,**	**Mr. Sk.N.Meeravali** **Co-ordinator** **Dept. of Mech.**	**Dr. B.Venkata Siva** **Professor &** **HoD, Dept. of Mech.**	**Dr. M. Sreenivasa Kumar** **Principal**

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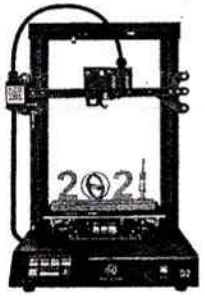

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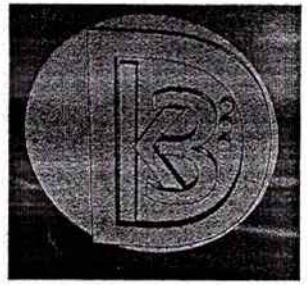

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Mr. Rakesh Koppunur	**Mr. Sk.N.Meeravali**	**Dr. B.Venkata Siva**	**Dr. M. Sreenivasa Kumar**
Resource Person	**Co-ordinator**	**Professor &**	**Principal**
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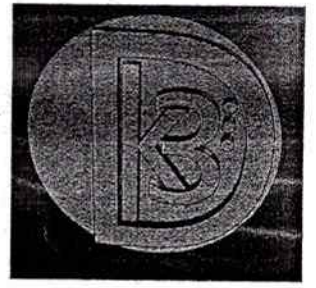

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Mr. Rakesh Koppunur	**Mr. Sk.N.Meeravali**	**Dr. B.Venkata Siva**	**Dr. M. Sreenivasa Kumar**
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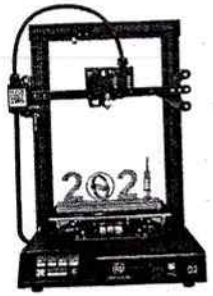

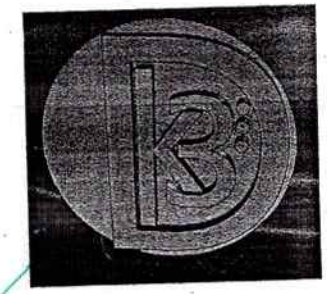

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Mr. Rakesh Koppunur	**Mr. Sk.N.Meeravali**	**Dr. B.Venkata Siva**	**Dr. M. Sreenivasa Kumar**
Resource Person	**Co-ordinator**	**Professor &**	**Principal**
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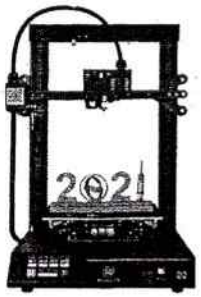

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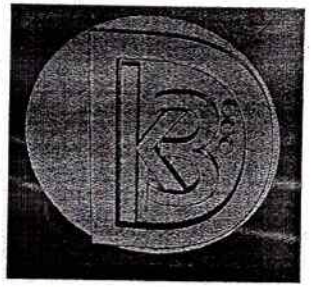

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Resource Person	**Co-ordinator**	**Professor &**	**Principal**
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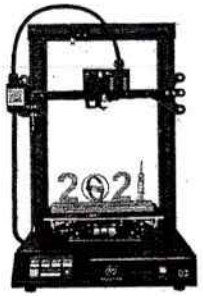

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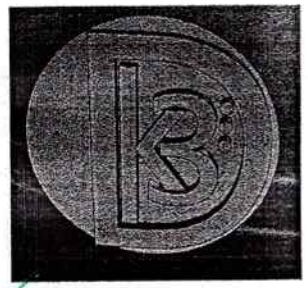

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Resource Person	**Co-ordinator**	**Professor &**	**Principal**
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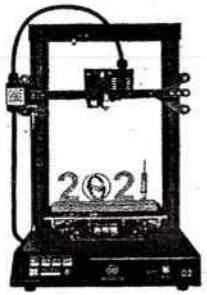

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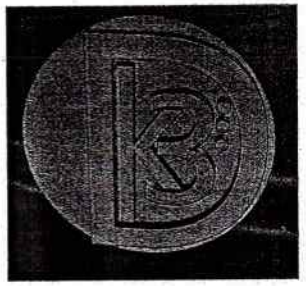

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Resource Person	Co-ordinator	Professor &	Principal
CEO, KOPP3D Innovations OPC Pvt. Ltd.,	Dept. of Mech.	HoD, Dept. of Mech.	

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

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

Date: 04-06-2021

CIRCULAR

All the Teaching staff members are here by informed that IQAC & Department of Computer Science and Engineering is going to organize a Five Day Virtual Faculty Development Program on Entrepreneurship and Startup from 07th -11th June,2021. All the registered Teaching staff are requested to attend the FDP without fail.

Venue : CSE Seminor Hall, Block-2, Narasaraopeta Engineering College.

Coordinator : Dr. K. Lakshminadh
Professor in CSE Dept.

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2. Principal
3. AO for Necessary arrangements
4. Department Notice Boards
5. Circulation to all Staff Members
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Broucher

Course Content:

- Inauguration- Camp Objective, Entrepreneurship.
- Historical background-Indian values vis-a-vis Entrepreneur ship and the present scenario.
- Identification of opportunities for entrepreneurs
- Mechanism of product selection and technology-assistance from R&D labs and others on choice of technology etc.
- How to start a SSI unit (General concept about the Govt. formalities, rules & regulation, location, and different aspect of an industrial venture.)
- Tech. & commercial Aspects of SSI Unit.
- Financial aspects of SSI unit including salient features of a project report.
- Creativity and business- the man behind the venture -the behavioural scientist's approach
- Lectures by practicing entrepreneur's success stories- common problems faced by entrepreneurs.

Resource Persons:

EMINENT PERSONS FROM INDUSTRIYA AND ACADAMIYA

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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 Five Day Virtual Faculty Development Program on Entrepreneurship and Startup

7th - 11th June, 2021

Organized by

Department of Computer Science & Engineering

NEC NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)

Thrice Accreted By NBA and Accreted By NAAC
(Approved By AICTE, New Delhi, Permanently Affiliated To JNTUK, Kakinada)
Kotappakonda Road, Yallmanda Village,
NARASARAOPET, GUNTUR DIST, A.P.
www.nrtec.in, Email: csehod@nrtec.in
Ph: 08647 239905
Fax: 08647 239902

PRINCIPAL
NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)
NARASARAOPET - 522 601
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 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

1.To create an awareness of the need and importance of entrepreneurship development.

2. Impart knowledge and develop skills in diverse training methods for imparting training to students and budding entrepreneurs.

3. Develop teachers with an entrepreneurial and professional mindset

4. Make them aware of the facilitating financial & regulating schemes for MSMEs.

5. Equip teachers with skills and knowledge that are essential for inculcating entrepreneurial values.

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. K. Lakshmi Nadh,
Professor , Dept. of CSE.

ORGANIZING COMMITTEE

Dr. B. Jhansi Vazram	**Dr. S. V. N.Sreenivasu**
Dr. S. Siva Nageswara Rao	**Dr. T. V. Sai Krihna**
Dr. GLN Jayaprada	**Mr. K. Gnanendra**
Mrs. M. Sireeha	**Mrs Sd. Rizwana**
Mr. M. Satyam Reddy	**Mr. Sk. Rafi**
Ms.Y.Chandana	**Ms. O. Aruna**
Mr. Ch. Anil	**Mr. B.S KanakaRaju**
Mr. K. Jaya Prakash	**Mr. N.A.Rami Reddy**
Ms. A. Thanuja	**Mrs. P. Rama Devi**

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Schedule

A Five Day Virtual Faculty Development Program on

Entrepreneurship and Startup

7th - 11th June 2021.

Program Schedule

	09.30 TO 11.00	11.30 TO 01.00	2.30 TO 4.00
DAY 1 07-06- 21	➔ Inauguration	➔ Camp Objective, Entrepreneurship.	➔ Historical background-Indian values vis-a-vis Entrepreneur ship and the present scenario
	Mr M.S.Chakravarthi, Vice Chairman, NEC Group Dr M. Sreenivasa Kumar, Principal,All HODsand Participants	**Dr.M.Sreenivasa Kumar Principal Narasaraopeta Engineering college**	**Mr K.Anji Reddy Founder Mahanandi PVC Pipes**
DAY 2 08-06- 21	➔ Identification of opportunities for entrepreneurs.	➔ Mechanism of product selection and technology-assistance from R&D labs and others on choice of technology etc.	➔ How to start a SSI unit (General concept about the Govt. formalities, rules & regulation, location, and different aspect of an industrial venture.)
	G.Sasidhar Manager Mittapalli Spinners Ltd.	**Dr S.V.Naga Sreenivasu Professor Narasaraopeta Engineering College**	**Mr Bolla Srinivasarao Managing Director Vallabha feeds Pvt.Ltd.**
DAY 3 09-06- 21	➔ Tech. & commercial Aspects of SSI Unit.	➔ Financial aspects of SSI unit including salient features of a project report	➔ Support and financial assistance from Govt. agencies, banks, financial institutions, SFCs and others-securities demanded by FIs/banks etc.
	Dr.K.LakshmiNadh Professor Narasaraopeta Engineering College	**Dr S.Venkata Ramana** HoD,MBA **Narasaraopeta Engineering College**	**Mr.T.Harish Bank of India, Asst.Manager,Narasaraopet**

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DAY 4 10-06- 21	➔ Creativity and business- the man behind the venture -the behavioural scientist's	➔ Communication skills(interacting with people) for better results.	➔ Lectures by practicing entrepreneur's success stories
	Dr K. Mekala Ramarao Dean R&D, LIMAT	**Dr.K.Ponnari Lakshmi HoD,BSH Narasaraopeta Engineering College**	**Dr.M.Aravind HoD,MBA, Narasaraopeta Institute of Technology**
DAY 5 11-06- 21	➔ common problems faced by entrepreneurs	➔ Discussion with participants for their reactions about the camp	➔ common problems faced by entrepreneurs
	Dr.K.LakshmiNadh Professor Narasaraopeta Engineering College	**Dr.S.Siva Nageswara Rao Professor Narasaraopeta Engineering College**	**Dr.K.LakshmiNadh Professor Narasaraopeta Engineering College**

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Attendance Sheet

LIST OF FACULTY ATTENTED THE FDP ON ENTREPRENEURSHIP ON STARTUP

. No.	Name of Participant	07/06/2021	08/06/2021	09/06/2021	10/06/2021	11/06/2021
1	Dr.S.N Tirumala Rao	X	X	X	X	X
2	Dr.B. Jhansi Vazram	X	X	X	X	X
3	Dr. S V N Sreenivasu	X	X	X	X	X
4	Dr.G. Syam Prasad	X	X	X	X	X
5	Dr.GLN Jayaprada	X	X	X	X	X
6	V.Mahesh Babu	X	X	X	X	X
7	Dr T V Sai Krishna	X	X	X	X	X
8	Dr M Balaraju	X	X	X	X	X
9	Dr K Sai Anusha	X	X	X	X	X
10	Dr P Sreenivasa Moorthy	X	X	X	X	X
11	Dr K.Lakshminadh	X	X	X	X	X
12	Dr.S.Siva Nageswara Rao	X	X	X	X	X
13	Dr.KSMV Kumar	X	X	X	X	X
14	Dr M. Venkata Reddy	X	X	X	X	X
15	Dr Somaraju Mouli	X	X	X	X	X
16	M.Sireesha	X	X	X	X	X
17	K.Gnanendra	X	X	X	X	X
18	Syed Rizwana	X	X	X	X	X
19	O.Aruna	X	X	X	X	X
20	Ch.Lakshmi Tulasi	X	X	X	X	X
21	P.Swathi	X	X	X	X	X
22	S.Deva Raju	X	X	X	X	X
23	Shaik Subhani	X	X	X	X	X
24	Khaja Mohiddin Basha Sk	X	X	X	X	X
25	Sk.GousyaPyari	X	X	X	X	X
26	K.Rambabu	X	X	X	X	X

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27	M.Sathyam Reddy	X	X	X	X	X
28	Shaik Rafi	X	X	X	X	X
29	G.Lakshmi Narayana	X	X	X	X	X
30	K.V.Narasimhareddy	X	X	X	X	X
31	D.Raju	X	X	X	X	X
32	K.Shishir	X	X	X	X	X
33	U. Vijay Kumar	X	X	X	X	X
34	P.Ramadevi	X	X	X	X	X
35	R.Sowjanya	X	X	X	X	X
36	N.Ananthrami Reddy	X	X	X	X	X
37	M.Arun Kumar	X	X	X	X	X
38	O Samba Siva Rao	X	X	X	X	X
39	Sk.Sameerunnisa	X	X	X	X	X
40	R.Dilipkumar	X	X	X	X	X
41	T.Venkata Manohar	X	X	X	X	X
42	B.Ramakrishna	X	X	X	X	X
43	G Venkateswara Rao	X	X	X	X	X
44	Y Chandana	X	X	X	X	X
45	M.Ramakrishna Reddy	X	X	X	X	X
46	G.Prasanth	X	X	X	X	X
47	K Veera Pavankumar	X	X	X	X	X
48	A.Janardhana Rao	X	X	X	X	X
49	K.JayaPrakash	X	X	X	X	X
50	D.VenkatReddy	X	X	X	X	X
51	B Satish Kumar	X	X	X	X	X
52	R.Saritha	X	X	X	X	X
53	M.Nandini	X	X	X	X	X
54	K Ashok	X	X	X	X	X
55	K.Ramani	X	X	X	X	X

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56	D.Srinivasa Rao	X	X	X	X	X
57	G.Srinadh	X	X	X	X	X
58	A.Thanuja	X	X	X	X	X
59	K.Arun	X	X	X	X	X
60	Ch.Anil	X	X	X	X	X
61	B.Siva Kanaka Raju	X	X	X	X	X
62	Dr V V A S Lakshmi	X	X	X	X	X
63	DR G.Rama Swamy	X	X	X	X	X
64	P.Ramesh Babu	X	X	X	X	X
65	B.Bhanu Prakash	X	X	X	X	X

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Programme 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: 14th June, 2021

Program Report

Name of the program : A Five Day Virtual Faculty Development Program on Entrepreneurship and Startup

Date(s) of FDP : 7th - 11th June, 2021

Details of the Co- Ordinator:

Name	: **Dr. K. Lakshminadh**
Designation	: Professor in CSE.
Organization	: Narasaraopeta Engineering College
Phone No.	: 9948146862
Mail-id	: **drklmn7@gmail.com**

Details of the Resource Person(s):

1. **Dr.M.Sreenivasa Kumar**
   Principal
   Narasaraopeta Engineering College,
2. **Mr K.Anji Reddy**
   Founder
   Mahanandi PVC Pipes
3. **G.Sasidhar**
   Manager
   Mittapalli Spinners Ltd.
4. **Dr S.V.Naga Sreenivasu**
   Professor
   Narasaraopeta Engineering College
5. **Mr Bolla Srinivasarao**
   Managing Director
   Vallabha feeds Pvt.Ltd
6. **Dr.K.LakshmiNadh**
   Professor
   Narasaraopeta Engineering College
7. **Dr S.Venkata Ramana**
   HoD,MBA
   Narasaraopeta Engineering College
8. **Mr.T.Harish**
   Bank of India,
   Asst.Manager,Narasaraopet

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9. **Mekala Ramarao**
   Dean R&D, LIMAT
10. **Dr.K.Ponnari Lakshmi**
    HoD,BSH
    Narasaraopeta Engineering College
11. **Dr.M.Aravind**
    HoD,MBA,
    Narasaraopeta Institute of Technology
12. **Dr.S.Siva Nageswara Rao**
    Professor
    Narasaraopeta Engineering College

Objective of the Program:

The Faculty Development Programme intends to fulfill the following objectives

- To create an awareness of the need and importance of entrepreneurship development.
- Impart knowledge and develop skills in diverse training methods for imparting training to students and budding entrepreneurs.
- Develop teachers with an entrepreneurial and professional mindset.
- Make them aware of the facilitating financial & regulating schemes for MSMEs.
- Equip teachers with skills and knowledge that are essential for inculcating entrepreneurial values in students and guiding and monitoring their progress towards an entrepreneurial career.

Topics Covered

Inauguration- Camp Objective, Entrepreneurship.

- Historical background-Indian values vis-a-vis Entrepreneur ship and the present scenario.
- Identification of opportunities for entrepreneurs
- Mechanism of product selection and technology-assistance from R&D labs and others on choice of technology etc.
- How to start a SSI unit (General concept about the Govt. formalities, rules & regulation, location, and different aspect of an industrial venture.)
- Technology and commercial Aspects of SSI Unit.
- Financial aspects of SSI unit including salient features of a project report.
- Support and financial assistance from Govt. agencies, banks, financial institutions, SFCs and others-securities demanded by FIs/banks etc.
- Creativity and business- the man behind the venture -the behavioral scientist's approach
- Communication skills(interacting with people) for better results.
- Lectures by practicing entrepreneur's success stories- common problems faced by Entrepreneurs.
- Discussion with participants for their reactions about the camp, (Including factory visit)

Outcome of the program

After completion of this program, the faculty are able to

- Create an awareness of the need and importance of entrepreneurship.
- Impart knowledge and develop skills in diverse training methods in imparting training to students and entrepreners.
- Plan a curriculum that can imbibe the skills and competencies to achieve goals directed by values, have a positive attitude and have the ability to cope with the changing times.

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- Develop teachers with an entrepreneurial and professional mindset.
- Make them aware about promotional financial & regulating schemes for Micro Small and Medium Enterprise (MSME).
- Guide them for techniques of preparation of feasible & viable projects.
- Guide them for Techniques of proposal preparation.

No. of Participants : 65

Coordinator

Dr. K. Lakshminadh.

HoD-CSE

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Photos

Photos



Inauguration of 5 Day Virtual FDP on Entrepreneurship and Startup

NEC NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS)

A FIVE DAY VIRTUAL FACULTY DEVELOPMENT PROGRAMME
on

Entrepreneurship and Startup

Date: 07th - 11th June, 2021

ORGANIZED BY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

5 Day Virtual FDP on Entrepreneurship and Startup - Banner

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Glimpses of 5 Day Virtual FDP on Entrepreneurship and Startup

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Sample

Certificates

NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)

Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada, Accredited by NBA (Tier-1) & NAAC with 'A+' Grade (Cycle-2), NIRF Ranking 2022 (251-300 Band)
Kotappakonda Road, Yellamanda (Post), Narasaraopet - 522601, Palnadu Dist., Andhra Pradesh, INDIA. Website:www.nrtec.in

Certificate

This is to Certify that Mr./Ms. Dr.S.N Tirumala Rao has participated a five day virtual faculty development programme **ENTREPRENEURSHIP AND STARTUP** from 07-06-2021 to 11-06-2021 Organized by Department of Computer Science and Engineering.

Dr. K. Lakshminath
Co-Ordinator

Dr.S.N.Tirumala Rao
HOD-CSE

Dr. M. Sreenivasa Kumar
Principal

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This is to Certify that Mr./Ms. Dr.B. Jhansi Vazram has participated a five day virtual faculty development programme **ENTREPRENEURSHIP AND STARTUP** from 07-06-2021 to 11-06-2021 Organized by Department of Computer Science and Engineering.

Dr. K. Lakshminath
Co-Ordinator

Dr.S.N.Tirumala Rao
HOD-CSE

Dr. M. Sreenivasa Kumar
Principal

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This is to Certify that Mr./Ms. Dr.GLN Jayaprada has participated a five day virtual faculty development programme **ENTREPRENEURSHIP AND STARTUP** from 07-06-2021 to 11-06-2021 Organized by Department of Computer Science and Engineering.

Dr. K. Lakshminath
Co-Ordinator

Dr.S.N.Tirumala Rao
HOD-CSE

Dr. M. Sreenivasa Kumar
Principal

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This is to Certify that Mr./Ms. Dr M Balaraju has participated a five day virtual faculty development programme **ENTREPRENEURSHIP AND STARTUP** from 07-06-2021 to 11-06-2021 Organized by Department of Computer Science and Engineering.

Dr. K. Lakshminath
Co-Ordinator

Dr.S.N.Tirumala Rao
HOD-CSE

Dr. M. Sreenivasa Kumar
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This is to Certify that Mr./Ms. Dr P Sreenivasa Moorthy has participated a five day virtual faculty development programme **ENTREPRENEURSHIP AND STARTUP** from 07-06-2021 to 11-06-2021 Organized by Department of Computer Science and Engineering.

Dr. K. Lakshminath
Co-Ordinator

Dr.S.N.Tirumala Rao
HOD-CSE

Dr. M. Sreenivasa Kumar
Principal

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Kotappakonda Road, Yellamanda (Post), Narasaraopet - 522601, Palnadu Dist., Andhra Pradesh, INDIA. Website:www.nrtec.in

Certificate

This is to Certify that Mr./Ms. Dr K.Lakshminadh has participated a five day virtual faculty development programme **ENTREPRENEURSHIP AND STARTUP** from 07-06-2021 to 11-06-2021 Organized by Department of Computer Science and Engineering.

Dr. K. Lakshminath
Co-Ordinator

Dr.S.N.Tirumala Rao
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Dr. M. Sreenivasa Kumar
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This is to Certify that Mr./Ms. Dr.S.Siva Nageswara Rao has participated a five day virtual faculty development programme **ENTREPRENEURSHIP AND STARTUP** from 07-06-2021 to 11-06-2021 Organized by Department of Computer Science and Engineering.

Dr. K. Lakshminath
Co-Ordinator

Dr.S.N.Tirumala Rao
HOD-CSE

Dr. M. Sreenivasa Kumar
Principal

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This is to Certify that Mr./Ms. Dr.KSMV Kumar has participated a five day virtual faculty development programme **ENTREPRENEURSHIP AND STARTUP** from 07-06-2021 to 11-06-2021 Organized by Department of Computer Science and Engineering.

Dr. K. Lakshminath
Co-Ordinator

Dr.S.N.Tirumala Rao
HOD-CSE

Dr. M. Sreenivasa Kumar
Principal

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This is to Certify that Mr./Ms. Dr Somaraju Mouli has participated a five day virtual faculty development programme **ENTREPRENEURSHIP AND STARTUP** from 07-06-2021 to 11-06-2021 Organized by Department of Computer Science and Engineering.

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Certificate

This is to Certify that Mr./Ms. M.Sireesha has participated a five day virtual faculty development programme **ENTREPRENEURSHIP AND STARTUP** from 07-06-2021 to 11-06-2021 Organized by Department of Computer Science and Engineering.

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Dr.S.N.Tirumala Rao
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International conference on Advances in signal Processing and Communication

Circular

NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Date: 17.07.2021

CIRCULAR

Department of Electronics and Communication Engineering is organizing a virtual International Conference on "Advances in Signal Processing and Communications" NEC-ICASPC-2K21 on 23-07-21 to 24-07-21. All the faculty members are informed to attend the Programme without fail.

Program Convener: Dr.V.Venkata Rao (ph. no: 9441127485)
Professor & Head.

Co- Conveners: Dr.K.Raju (ph. no: 6281429537)
Dr.B.Raghavaiah (ph. no: 9247217357)
Dr.A.V.Nageswara Rao (ph. no: 9440664462)

IQAC **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 faculty members

6.All HOD's

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VIRTUAL INTERNATIONAL CONFERENCE ON

ADVANCES IN SIGNAL PROCESSING AND COMMUNICATIONS

NEC-ICASPC-2K20

17th & 18th July, 2020

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

About the Conference

In continuation of the previous International Conferences, this International Conference on Advances in Signal Processing and Communications (NEC-ICASPC-2K20) is being organized by the department of Electronics and Communication Engineering. NEC-ICASPC-2K20 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.

Important Dates

Paper Submission opens from	: 1ST June, 2020
Paper Submission closes on	: 4th July, 2020
Acceptance Intimation	: 7th July, 2020
Camera Ready Paper, Copy right form Submission & Author Registration	: 11th July, 2020
Conference Dates	: 17th & 18th July, 2020

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

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 ecehod@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 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.

Conference Advisory Committee

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Dr. N.Balaji, Prof. JNTUK
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Dr. P. Ramana Reddy, JNTUA
Dr. Sk. Rafi Ahamed, IIT, Guwahathi
Dr. V. Anil Kumar, IIITH

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

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Sri M. Ramesh Babu, Secretary, NEC Group

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

Contact Details

Convener:
Dr. V. Venkata Rao, B.E.(ECE), M.E., Ph.D.
Professor & Dept. Head 944 1 27485

Co-Conveners:
Dr.K.Raju - 6281429537
Dr.B.Raghavaiah - 9247217357
Dr.A.V.Nageswara Rao - 9440684462

Paper Submission through E-mail
ecehod@nrtec.in

Organizing Committee

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About NEC

The Narasaraopeta Engineering College was established in the year 1998 by Gayatri Educational Devel-opment Society, Narasaraopet, under the leadership of Sri M.V.Koteswara Rao, who has a vision of devel-oping 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 thrice 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 Seven courses at B.Tech level in the branches EEE, CSE, CSE-AI, IT, 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 Devel-opment 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 Guntur 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 programs, M.Tech (Digital Electronics and Communi-cation Systems) which was started in the year 2004 and M.Tech (Digital Systems and Computer Electronics) which was started in the year 2006 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 full-fledged laboratories equipped with adequate state-of-the art equipment and latest software. The UG programme of the department is accredited thrice 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 STTPs and two MODROBS.

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INTERNATIONAL CONFERENCE ON ADVANCES IN SIGNAL PROCESSING AND COMMUNICATIONS NEC-ICASPC-2K20

(VIRTUAL)

17th - 18th July, 2020

Organized By

Department of
Electronics and Communication Engineering

Narasaraopeta Engineering College (Autonomous)
Kotappakonda Road, Yellamanda (Post),
Narasaraopet – 522601, Guntur District, A.P.
Ph: 08647-239914, 9441127485, 9785741277
Fax No.: 08647-239902
E-Mail: ecehod@nrtec.in
Website: http://www.nrtec.in

ABOUT THE INTERNATIONAL CONFERENCE

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- Adaptive and Array Signal Processing
- Biomedical Signal Processing
- Analog and Mixed Signal Processing
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- Signal Processing for data recording channels

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

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- 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.

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Research Scholars / Academicians / Industrial Professionals / Students

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IMPORTANT DATES

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Camera Ready Paper, Copy right form Submission & Author Registration	: 11th July, 2020
Conference Dates	: 17th & 18th July, 2020

REGISTRATION DETAILS

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

NARASARAOPETA ENGINEERING COLLEGE
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INTERNATIONAL CONFERENCE ON ADVANCES IN SIGNAL PROCESSING AND COMMUNICATIONS
NEC-ICASPC-2K20
(VIRTUAL)
17th - 18th July, 2020

APPLICATION FORM

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2. Designation : .....
3. College / Organization : .....
4. Address for Communication : .....
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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)
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   For Foreign delegates : US$ 50
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   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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Schedule

Conference Schedule

17-07-2020	**Inaugural Session (10:00AM–10:30AM)**
9:30-10:00AM	Sharing of Login Link and Joining of the Participants
10:00AM	Welcome Address & Introduction to International Conference NEC-ICASPC-2K21 by **Dr. AMIT GUPTA** Co-ordinator, NEC-ICASPC-2K20
10:05AM	Address by Dr. **V.VENKATARAO**, Convener- NEC-ICASPC-2K20, 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 **Dr. Sandeep Poddar,** Deputy Vice Chancellor, Research and Innovation, Lincoln University College, Malaysia
10:23AM	Release the Conference Proceeding with the hands of all dignitaries
10.25AM	Vote of Thanks

Keynote Address Schedule WITH Online Joining Links

Time(IST)	**Friday, 17th July, 2020**	
10.00 AM-10.30 AM	Inaugural Ceremony(Online) Meeting Link: https://tinyurl.com/NEC-ICASPC-2K20-Track1	
10.30 AM-11:30 AM	Keynote Address by **Dr.** Sandeep Poddar, Deputy Vice Chancellor Research and Innovation, Lincoln University College, Malaysia. Meeting Link: https://tinyurl.com/NEC-ICASPC-2K20-Track1	

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11.30 AM-01.30 PM	**Friday, 17th July, 2020** **Session-1** Session Chair: **Dr. J. Brahmaiah Naik, Professor, Kallam Haranadha Reddy Institute of Technology, Guntur.** Session Co-Chair: **Dr. R. Samba Siva Nayak, Associate Professor** Meeting Link: https://tinyurl.com/NEC-ICASPC-2K20-Track1	
02.00 PM-04:30 PM	**Session-2** Session Chair: **Dr. Akhilesh Sharma, Professor, Manipal University, Jaipur.** Session Co-Chair: **Dr. Amit Gupta, Professor** Meeting Link: https://tinyurl.com/NEC-ICASPC-2K20-Track1	

18-07-2021

	Valedictory Function
12:30-12.35 PM	Sharing of Login Link and Joining of the Participants
12:40 PM	Valedictory Address Conference NEC-ICASPC-2K20 by **Dr. AMIT GUPTA** Co-coordinator, NEC-ICASPC-2K20
12:45 PM	Valedictory Address by Dr. **V.VENKATARAO**, Convener- NEC-ICASPC-2K20, Head, Department of Electronics and Communication Engineering, Narasaraopeta Engineering College
12:50 PM	Valedictory Address by Co-Patron **Dr. M. Sreenivasa Kumar**, Principal Narasaraopeta Engineering College, Narasaraopet, A.P., India
1.00AM	Vote of Thanks by Dr. K . Raju

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Attendance Sheet

Virtual International Conference on Advances in Signal Processing and Communications (NEC-ICASPC-2K21)-REGISTRATION FORM

S.no	Name	Title of the paper	Institiute Name	Cell No	Mail ID
1	Dr Gogula Santhoshreddy	Revise and Recognition of EEG Signals For Artifacts	Chaitanya Deemed to be University	9703266211	gogulasanthoshreddy811
2	Surya Pavan Kumar Angu	Design of all-optical optimized NOR gate using non-linear plasm	Godavari Institute of Engineering and Technology(A)	8712077727	pavankumaranguluri1@gm
3	Shaik. Abthab	A NOVEL 2.5V MCML D-FLIP-FLOP TOPOLOGY EXPLOITIN	Narasaraopeta engg. college	9440055354	abthabs26@gmail.com
4	K. Akhila	Low Power Design of 4-bit Simultaneous Counter using Digital	Narasaraopeta engg.college	6300618677	akhila2000k@gmail.com
5	Dr. V. Venkata Rao	MICROSTRIP U-SLOT PATCH ANTENNA FOR WIRELESS A	Narasaraopeta Engineering College	9441127485	vvenkatarao2k9tec@gmail
6	N.SRINIVASA RAO	ACCIDENT PREVENTION SYSTEM USING IOT	NARASARAOPETA ENGINEERING COLLEGE	9573462080	srinulakky@gmail.com
7	Dr.A.V.NAGESWARARA	Floating Water Waste Collecting Robot	NARASARAOPETA ENGINEERING COLLEGE	9440664462	avnr424@gmail.com
8	N. Srinivasarao	IOT Based Prepaid Energy Meter	Narasaraopeta Engineering College	9573462080	srinulakky@gmail.com
9	Dr. R. Sambasiva Nayak	Enhancement and Improvement of Aquaculture using IOT	Narasaraopeta Engineering College	8500030471	sambanayak@gmail.com
10	Nareddula Rajeev Reddy	Implementation of Data Transfer using Li-Fi Technology	Narasaraopeta Engineering College (Autonomous)	7893356131	nareddula@gmail.com
11	Dr. Kilari Veera Swamy	Performance assessment of Machine Learning Techniques for S	Vasavi College of Engineering, Hyderabad	9441916190	k.veeraswamy@staff.vce.
12	Lakshmi Prasanna Kothal	DETECTION OF INTRACRANIAL HEMORRHAGE BY USING	VFSTR	7382410649	prasannalathakothala@gm
13	Bhanuprasad EPPE	Improving the efficiency of accelerating CNN FFT on embedded	Vignan's nirula institute of technology science for wome	9912586653	bhanueppea@gmail.com
14	RAVIRALA SANDEEP K	FAST 8 TAP-FIR FILTER FOR HALF-PIXEL MOTION ESTIMA	VIT-AP UNIVERSITY	8978961840	sandeepkrr132@gmail.co
15	P. Santhosh	DESIGN OF ADVANCED PSEUDO RANDOM DISCRETE TIM	Institute of Technology and Management	9000073130	santhoshp.ece@hitam.org
16	Supriya Jangala	Short Circuit Indicator	CITY,Mothadaka	7981488257	priyalazaras@gmail.com
17	Nareddula Rajeev Reddy	Adequate procedure for the recognition of Extra-nodal Extension	Dr. M.G.R. Educational and Research Institute	7893356131	nareddula@gmail.com

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18	D Ramanayudu	Effective modified PSO for SAR region segmentation	Kallam Harinadhareddy Institute of Technology	7893621966	muralikhit123@gmail.com
19	ALAVALA TEJASWINI	AUTOMATIC HAND SANITIZER DISPENSER	KRISHNA CHAITANYA INSTITUTE OF TECHNOLOG	9346584288	tejaswinialavala494@gma
20	N venkatesh	Low Power and Area efficient Arithmetic and Logic Unit using G	Malla reddy Enginnering college for women	9618622494	venkateshprasad42@gma
21	G.V.S.Dileep kumar reddy	Comparative analysis of Full Subtractor using GDI and CMOS L	NARASARAOPETA ENGINEERING COLLEGE	6309328606	dileepreddygodugunuri@g
22	PANCHUMATHI DILEEP	DENSITY BASED TRAFFIC CONTROL SYSTEM USING IoT	Narasaraopeta Engineering College	8712909792	panchumarthi182@gmail.
23	NARENDRA ELURI	Comparative analysis of Full Subtractor using GDI and CMOS L	NARASARAOPETA ENGINEERING COLLEGE	9440409164	narendraeluri@gmail.com
24	CH ADIBABU	Internet of Things (IoT) based Garbage Clearing system NodeM	NARASARAOPETA ENGINEERING COLLEGE	9177374344	adibabu8@gmail.com
25	T. PRABHUKUMAR	HOME AUTOMATION USING IOT WITH GOOGLE ASSISTA	NARASARAOPETA ENGINEERING COLLEGE	7893842616	prabhu.tempalli789@gma
26	MOAHMMED ZAKIR HUS	OCR Based FASTag using Raspberry Pi	NARASARAOPETA ENGINEERING COLLEGE	7382617709	zakirkhan1042k@gmail.co
27	A.Charles Stud	RESOLUTION ENHANCEMENT OF COVID-19 CHEST X-RAY	NARASARAOPETA ENGINEERING COLLEGE	9948942244	mightystud727@gmail.co
28	Naraiah	IoT based smart band security system	Narasaraopeta engineering college	9866369956	r.naraiah14@gmail.com
29	Narendra Eluri	4-bit ALU Design using VHDL	NARASARAOPETA ENGINEERING COLLEGE	9440409164	narendraeluri@gmail.com
30	M. Naga Sai	FINGERPRINT BASED BIOMETRIC ATTENDANCE SYSTEM	NARASARAOPETA ENGINEERING COLLEGE	9912953703	mnagasai146@gmail.com
31	Dr.K.Anjaneyulu	VARIOUS TOXIC GASES DETECTION USING THEIR RESP	NARASARAOPETA ENGINEERING COLLEGE	9676644705	anjikaturu@gmail.com
32	V. TULASIRAM	IOT THEFT DETECTION AND ALERTING SYSTEM USING S	NARASARAOPETA ENGINEERING COLLEGE	9912968069	tulasiramvutukuri127@gm
33	V. TULASIRAM	AUTOMATIC PLANT WATERING SYSTEM USING NODE M	NARASARAOPETA ENGINEERING COLLEGE	9912968069	tulasiramvutukuri127@gm
34	G. Charitha	Railway track crack inspection and automated gate controlling s	Narasaraopeta Engineering College	7997125516	charitagudipati445@gmail
35	Dr. K. Anjaneyulu	SIMULATION OF PARASITIC RECTANGULAR PATCH ANTE	NARASARAOPETA ENGINEERING COLLEGE	9676644705	anjikaturu@gmail.com

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36	Mr. Bussi Joseph Bala Ya	UNMANNED PETOL PUMP SYSTEM USING RFID TECHNOL	Narasaraopeta Engineering College	9502578202	yassubhai01@gmail.com
37	Janaki Sravanthi	Landmine Detection and Surveillance Robot using IOT	Narasaraopeta Engineering College	9063259203	janakisravanthi@gmail.co
38	Mr. Sameer Shaik	DESIGN OF ROBOT BASED SMART DISINFECTANT SYSTE	NARASARAOPETA ENGINEERING COLLEGE	8985143156	sameerece176@gmail.co
39	Mr. Alla Sarath Sai	GAS LEAKAGE DETECTION ROBOT USING GMAIL ALERT	NARASARAOPETA ENGINEERING COLLEGE	6303346869	sarathsaialla@gmail.com
40	Dr.V.Venkatarao	IOT Technology used for Solar Tracking System for Effective EI	Narasaraopeta Engineering College	9441127485	ecehod@nrtec.in
41	Dr. K. ANJANEYULU	ADVANCED COAL MINE GAS DETECTION ROBOT	NARASARAOPETA ENGINEERING COLLEGE	9676644705	anjikaturu@gmail.com
42	Dr.A.V.NAGESWARA RA	COVID PATIENT HEALTH MONITORING USING IOT	Narasaraopeta Engineering College	9440664462	avnr424@gmail.com
43	Dr Amit Gupta	Machine Learning technology Using K-means Clustering metho	Narasaraopeta Engineering College	9785741277	dramitguptacv@gmail.com
44	Tejaswi Nare	GDI logic based Hamming code encoder and decoder for error f	Narasaraopeta Engineering College	9059940400	naretejaswi@gmail.com
45	ANJANEYULU KATURU	U Shaped Ultra Wideband antenna	NARASARAOPETA ENGINEERING COLLEGE	9676644705	anjikaturu@gmail.com
46	Dr. K. Raju	Design of the scalable low power 1-bit hybrid Full adder for fast	Narasaraopeta engineering college	9493451237	raju.kolluri@gmail.com
47	Sai Ram. Mamillapalli	Smart Cold Storage System Using IOT	Narasaraopeta Engineering College	7893621750	mamillapallisairam45@gm
48	Dr. V. VENKATA RAO	UV SANITIZATION ROBOT	NARASARAOPETA ENGINEERING COLLEGE	9441127485	vvenkatarao2k9tec@gmail
49	Dr. B. Raghavaiah	AN EFFICIENT 10T SRAM CELL DESIGN BASED ON ROW	Narasaraopeta engineering college	9247217357	raghavaece39@gmail.com
50	Pallepogu Sharonu	Area optimization of CMOS Full Adder design using 3t xor	Narasaraopeta Engineering college narasaraopet	9951634936	sharonu.pallepogu123@g
51	Dr. MD Javeed Ahammed	ENHANCING THE POWER CONSUMPTION IN PORTABLE D	Narasaraopeta Institute of Technology	9908826851	ahammed.javeed@gmail.
52	P Baghya Raju	Home Automation using Django	Narasaropet engineering college	+9199593473	pullagurabaghyaraju@gm
53	Shaik Ibraheem Khaleelull	Corner Defected UWB Antenna	NIT warangal	8179055823	ibrahimwill9455@gmail.co
54	Dr. MD.NAYEEMUDDIN	LB-DWT TECHNIQUE FOR OPTIMUM IMAGE COMPRESSIO	NRI Institute of Technology, Guntur	9701919919	nayeemuddin.md427@gm

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55	Dr. SURESH KUMAR PIT	CEPAL Based Processing Elements Design in 32nm FinFET T	R.V.R. & J.C. College of Engineering (Autonomous)	9866607690	dr.sureshkumarpittala@g
56	Madhuri Palnati	Realization of Multiple Human Head Detection and Direction usi	Rise Krishna Sai Prakasam Group of Institutions	9989020267	madhuripalnati1999@gma
57	Manish preetham Velisala	DESIGN CU-DOPED SNO2 THICK FILM GAS SENSOR	NARASARAOPETA ENGINEERING COLLEGE	9398960432	manishpreetham196@gm
58	Jammalamadugu Namrat	Attendance Monitoring System using Python	IIITDM Kancheepuram	9381373846	edm18b021@iiitdm.ac.in
59	Chetti Venkateswarlu	Proposal andInvestigation ofMajority and Connectionless MOSF	MALLA REDDY ENGINEERING COLLEGE FOR WO	9440320816	venkatchece@gmail.com
60	Sowjanya	Iot based baby monitering systemfor small craddles	Narasaraopet engineering college	6303738435	sowjanyasadineni18@gm
61	Chilaka vamsi Krishna	IOT BASED BLIND PERSONS STICK	Narasaraopeta Engineering College	8142850330	chilkavamsi1999@gmail.c
62	M. ANIL KUMAR REDDY	ANTI -THEFT DETECTION AND ALERTING SYSTEM USING	NARASARAOPETA ENGINEERING COLLEGE	8008865791	maker.mad216@gmail.co
63	Chevala Prithvi Raj	FULLY HOMOMORPHIC ENCRYPTION AND DECRYPTION	Narasaraopeta engineering college	9949533541	prithvi33541@gmail.com
64	Nandhyala Lingareddy	Hand gesture sign language for dumb and deaf people	Narasaraopeta engineering college	9182340639	nandhyalalingareddy2@g
65	Umamaheswari Narisetti	IOT Based Ward Sanitation With Room Monitoring Robot	Narasaraopeta Engineering College	6303949295	narisettiuma@gmail.com
66	Haritha Paritala	IOT BASED TRASH MANAGEMENT SYSTEM IN SMART CIT	Narasaraopeta Engineering College	8185866628	harithaparitala@gmail.com
67	Shaik.Shameem	IOT BASED DAM GATE CONTROL SYSTEM	Narasaraopeta Engineering College	7993934786	shaikshameem944@gmai
68	Mr. J. Narasimharao	IOT Based Smart Sensor Network System For Aquaculture	Narasaraopeta engineering college	+9197036323	jnarasimharao09@gmail.c
69	A. Charless stud	Enhancement of MR brain images using Fuzzy interpolation	Narasaraopeta Engineering College	9948942244	mightystud727@gmail.co
70	Mr. A. Raveendra Babu	Study of performance comparison of static and dynamic approxi	Narasaraopeta Engineering College - Narasaraopet	9989470303	raviannepaka@nrtec.in
71	Dr.Amit Gupta	COMPARISION BETWEEN RECTANGULAR MICROSTRIP P	Narasaraopet Engineering College	9785741277	dramitguptacv@gmail.com
72	Dr.B.Raghavaiah	3D Hologram display using IOT	Narasaraopeta Engineering College	9247217357	raghavaece39@gmail.com
73	Dr.A.V.Nageswara Rao	Smart attendence system using face recognition	Narasaraopeta engineering college	8309316891	avr424@gmail.com

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74	Dr R.SAMBA SIVA NAYA	IOT BASED FACIAL RECOGNITION SYSTEM FOR HOME S	NARASARAOPETA ENGINEERING COLLEGE	8500030471	sambanayak@gmail.com
75	B Srinivasa Rao	Fingerprint based car ignition system	Finger print based car ignition system	8179101194	Rao.srinivas2005@gmail.

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Program Report

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Phone : 08647-239905 Website:www.nrtec.in

Date: 25.07.2021

PROGRAMME REPORT

Name of the Programme : A virtual International conference on "Advances in Signal Processing and communications" NEC-ICASPC-2K21"

Dates : 23 -07-2021 to 24-07-2021

Details of the Resource Persons :

1. Dr. Sandeep Poddar, Deputy Vice Chancellor (Research & Innovation), Lincoln University College, Malaysia.
2. Dr. Sandeep, Lincoln University College, Malaysia.

Objective of the programme:

Explore and Contribute their research by presenting and discussing the various aspects of developments in the Signal processing and Communications.

Topic Covered:

Signal processing

- Mathematical methods in signal processing
- Adaptive and array signal processing
- Biomedical signal processing
- Analog and Mixed signal processing
- Hybrid intelligent system applications
- Signal processing for data recording channels
- Image and video signal processing

Communications:

- Wireless communications
- Fibber optic communication
- Antenna and Propagation
- VLSI signal processing for Communication
- Mobile Communication

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Outcome of the Programme:

The NEC-ICASPC-2K21 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 signal processing , communication and VLSI.

No. of participants: 75

Coordinator

HOD

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యన్.ఇ.సి.లో

ఇండక్షన్ ప్రోగ్రామ్ ద్వారా సీనియర్ ఫ్యాకల్టీ ద్వారా కాంప్లిమెంటరీ కోర్సు / 2K21 బ్యాచ్ విద్యార్థులకు సమాచారం

ప్రస్తుత పరిస్థితుల్లో ఇంజనీరింగ్ కళాశాలలు ఇన్.సి.ఐ. విభాగం వారి శిక్షణలో ఇండక్షన్ ప్రోగ్రామ్ ద్వారా సీనియర్ ఫ్యాకల్టీ ద్వారా కాంప్లిమెంటరీ కోర్సు / 2K21 బ్యాచ్ విద్యార్థులకు సమాచారం ఇవ్వాలని 23 మరియు ఫిబ్రవరి 2021 తేదీలనుండి సాధ్యాకోంబోలు గ్రంథి కళాశాల ఫైనల్ ఇయర్ విద్యార్థులకు చక్కటి శిక్షణనిచ్చారు చక్కటి తెలుగు చేసేవారు

ఈ కార్యక్రమానికి కలుపుకొని ఇండక్షన్ ట్రైనింగ్ సంబంధించి ఫైనల్ ఇయర్ విద్యార్థులకు తెలియని విషయాలు తెలుసుకోవడానికి ఈ కార్యక్రమం ఉపయోగపడింది. ఈ కార్యక్రమం ద్వారా ఇంజనీరింగ్ కళాశాలలో ఎలా ఉండాలి, ఎలా ప్రవర్తించాలి, ఎలా చదవాలి, ఎలా ఉద్యోగం సాధించాలి అనే విషయాలు తెలుసుకోవడానికి ఈ కార్యక్రమం ఉపయోగపడింది. ఈ కార్యక్రమం ద్వారా ఇంజనీరింగ్ కళాశాలలో ఎలా ఉండాలి, ఎలా ప్రవర్తించాలి, ఎలా చదవాలి, ఎలా ఉద్యోగం సాధించాలి అనే విషయాలు తెలుసుకోవడానికి ఈ కార్యక్రమం ఉపయోగపడింది. ఈ కార్యక్రమం ద్వారా ఇంజనీరింగ్ కళాశాలలో ఎలా ఉండాలి, ఎలా ప్రవర్తించాలి, ఎలా చదవాలి, ఎలా ఉద్యోగం సాధించాలి అనే విషయాలు తెలుసుకోవడానికి ఈ కార్యక్రమం ఉపయోగపడింది.

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Photos



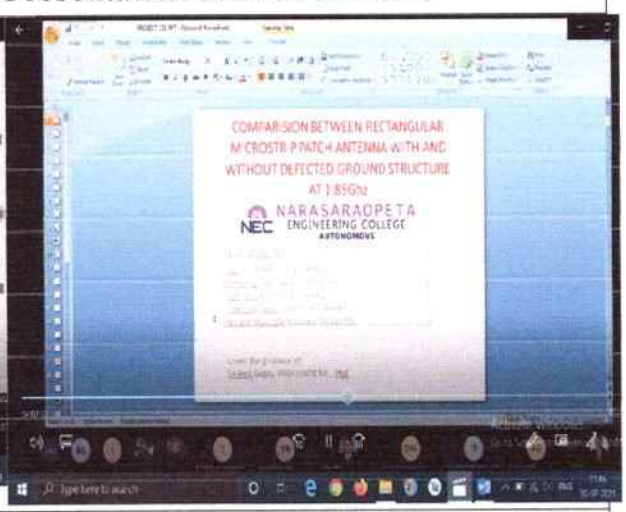
Chairs Photos



Presentation session 1 Photo



Presentation slide session 1screen shots



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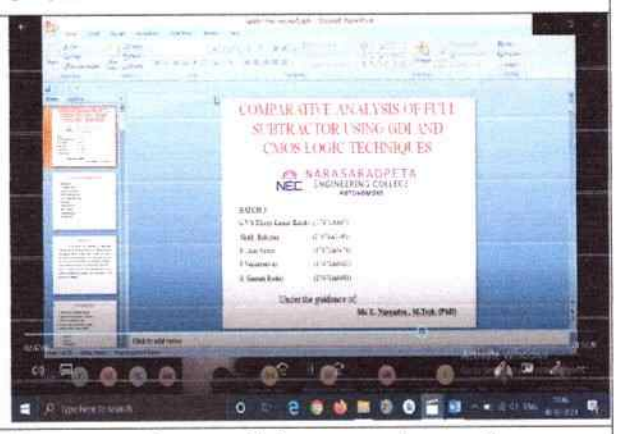

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Virtual - International Conference on

Advances in Signal Processing and Communications (NEC ICASPC-2K21)

23rd & 24th July, 2021

Department of Electronics and Communications Engineering

Certificate of Participation

This is to Certify that

Mr. P. Bhagya Raju ,

from Narasaraopeta Engineering College

Participated/ Presented a paper entitled with Home Automation using Django in the Virtual - International Conference on Advances in Signal Processing and Communications– 2K21 (NEC ICASPC-2K21) held at Department of Electronics and Communication Engineering, Narasaraopeta Engineering College, Narasaraopet during 23rd & 24th July, 2021

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23rd & 24th July, 2021

Department of Electronics and Communications Engineering

Certificate of Participation

This is to Certify that

Dr.V.Venkata Rao , Professor

from **Narasaraopeta Engineering College**

Participated/ Presented a paper entitled with UNMANNED PETOL PUMP SYSTEM USING RFID TECHNOLOGY in the Virtual - International Conference on Advances in Signal Processing and Communications– 2K21 (NEC ICASPC-2K21) held at Department of Electronics and Communication Engineering, Narasaraopeta Engineering College, Narasaraopet during 23rd & 24th July, 2021

IQAC

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Guntur (Dist.), A.P.

Dr.Amit Gupta
Co-Convenor

Dr.V.Venkata Rao
Convenor

Dr. M. Sreenivasa Kumar
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Kotappakonda Road, Yellamanda (Post), Narasaraopet - 522601, Guntur Dist., Andhra Pradesh, INDIA. Website:www.nrtec.in

Virtual - International Conference on
Advances in Signal Processing and Communications (NEC ICASPC-2K21)
23rd & 24th July, 2021
Department of Electronics and Communications Engineering

Certificate of Participation

This is to Certify that

T. INDIRA , Assistant Professor

from NARASARAOPETA ENGINEERING COLLEGE

Participated/ Presented a paper entitled with **FINGERPRINT BASED BIOMETRIC ATTENDANCE SYSTEM USING ARDUINO** in the Virtual - International Conference on Advances in Signal Processing and Communications– 2K21 (NEC ICASPC-2K21) held at Department of Electronics and Communication Engineering, Narasaraopeta Engineering College, Narasaraopet during 23rd & 24th July, 2021

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Co-Convenor

Dr.V.Venkata Rao
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Dr. M. Sreenivasa Kumar
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Virtual - International Conference on
Advances in Signal Processing and Communications (NEC ICASPC-2K21)
23rd & 24th July, 2021
Department of Electronics and Communications Engineering

Certificate of Participation

This is to Certify that

SHAIK AREEFABEGAM , Assistant Professor

from NARASARAOPETA ENGINEERING COLLEGE

Participated/ Presented a paper entitled with **DESIGN OF ROBOT BASED SMART DISINFECTANT SYSTEM USING IOT TECHNOLOGY** in the Virtual - International Conference on Advances in Signal Processing and Communications– 2K21 (NEC ICASPC-2K21) held at Department of Electronics and Communication Engineering, Narasaraopeta Engineering College, Narasaraopet during 23rd & 24th July, 2021

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Co-Convenor

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Virtual - International Conference on

Advances in Signal Processing and Communications (NEC ICASPC-2K21)

23rd & 24th July, 2021

Department of Electronics and Communications Engineering

Certificate of Participation

This is to Certify that

N SRINIVASA RAO , Assistant Professor

from Narasaraopeta engineering college

Participated/ Presented a paper entitled with Accident prevention using IOT in the Virtual - International Conference on Advances in Signal Processing and Communications– 2K21 (NEC ICASPC-2K21) held at Department of Electronics and Communication Engineering, Narasaraopeta Engineering College, Narasaraopet during 23rd & 24th July, 2021

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A Virtual International Conference on "Recent Trends in Power systems and Power Electronics"

Circular

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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.comz
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Date: 11-07-2021

Circular

A Virtual International conference Conduct from 28-07-2021 and 29-07-2021 Organized by Department of Electrical and Electronics Engineering on "Recent Trends in Power systems and Power Electronics". All the Faculty members are informed to Participate 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 NEC

The Narasaraopeta Engineering College was established in the year 1998 by Gayatri Educational Devel-opment Society, Narasaraopet, under the leadership of Sri M.V.Koteswara Rao, who has a vision of devel-oping 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 thrice 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 Seven courses at B.Tech level in the branches EEE, CSE, CSE-AI, IT, 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 Devel-opment 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 Guntur 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

NEC's 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.Our 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, Digital Signal Processing and VLSI Design, Embed-ded Systems, and more.

In 2004, the department offered a postgraduate program (M.Tech) with specialisation in Power & Industrial Drives. Since 2013, it has introduced a new M.Tech program in Power Electronics & Electrical Drives.

The department also offers a diploma program, which had a capacity of 60 students back in 2010 and 120 back in 2013.

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

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Sri M.V. Koteswara Rao, B.Sc.,
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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. P.Lakshmanan,
M.Tech, Ph.D., MIEEE
Professor, Dept. Head EEE

Co-Conveners

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

Mr.J.Sunil Babu, Associate Professor

Mr.B.Praveen Kumar, Associate Professor

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Mr.M.Chandrasekhar

Mr.Sk.Karimulla

Mr.G.Naveen

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VIRTUAL INTERNATIONAL CONFERE
RECENT TRENDNS IN POWER S
AND POWER ELECTRONI(
NEC-VICPSPE-2K21
(VIRTUAL)

28th - 29th July, 2021

Organized By
Department of
Electrical and Electronics Engin(

Narasaraopeta Engineering College (Aut
Kotappakonda Road, Yellamanda (
Narasaraopet – 522601, Guntur Distr
Ph: 08647-239914, 9494990
Fax No.: 08647-239902
E-Mail: necvicpspe2k21@nrtec.in, hode
Website: http://www.nrtec.in

ABOUT THE INTERNATIONAL CONFERENCE

Narasaraopeta Engineering College(Nec) , Narasaraopet is proud to announce the Virtual Internation-al Conference on Recent Trends in Power Systems and power Electronics NEC-VICPSPE-2K21 schedule on 28th and 29th through online platform at NEC, Na-rasaraopet organised by Department of Electrical & Electronics Engineering. The Objective of the confer-ence is to highlight the effort of researchers who are harnessed the power of Technology in order to help solve society's most pressing problems and to discuss the challenges faced in due course. The situation call for review, deliberations, proposition and Exchange of new idea the researchers, educators and Industry Experts bring together to show their efforts in

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
- Electric Machines and Drives
- Energy Management for Smart Systems
- Generation, Transmission & Distribution
- Microgrid & Smart Grid
- Optimization Problems in Future Grids
- 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

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 **necvicpspe2k21@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 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

CONFERENCE ADVISORY COMMITTEE

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JNTUK

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SVU, Tirupathi

Dr.Venkata Ramana,
SRU, Warangal

Dr.S.Nagarajan,
SIEM , Siliguri, West Bengal

Dr.Vijay Kumar,
SRMU, Chennai

IMPORTANT DATES

Paper Submission opens from	: 22nd June, 2021
Paper Submission closes on	: 20th July, 2021
Acceptance Intimation	: 22nd July, 2021
Camera Ready Paper, Copy right form Submission & Author Registration	: 24th July, 2021
Conference Dates	: 28th & 29th July, 2021

REGISTRATION DETAILS

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

NARASARAOPETA ENGINEERING COL

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

INTERNATIONAL CONFERENCE ON RECENT TR
POWER SYSTEMS AND POWER ELECTRO
NEC-ICAIEA-2K21
(VIRTUAL)
28th - 29th July, 2021

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 Students/Faculty : INR 300
   For R&D / Industry : INR 500
   For Foreign delegates : US$ 50
7. Mode of Payment: Phone Pay/GPay/Online Tran
   Name of the Beneficiary : Narasaraopet Engineerin
   Special Saving Account No : 476010100026877
   Bank Name : Axis Bank (Narasaraopet Branch)
   IFSC Code: UTIB0000476

DECLARATION

The information provided by me is true to the knowledge. If selected, I agree to abide by regulations of the organization and shall attend the i conference for the entire duration. I also un responsibility to inform the Convener, in case I ar attend the international conference.

Place:
Date :

Signature of the Pa

Schedule

A TWO Virtual International Conference

ON

RECENT TRENDS IN POWER SYSTEMS AND POWER ELECTRONICS

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

28th– 29th JULY, 2021

PROGRAM SCHADULE

<table>
<tr><th>Day & Date</th><th>10.00 - 11.30 a.m.</th><th>11.30 a.m.-1.00 p.m.</th><th>1-2 pm</th><th>2pm – 4pm</th></tr>
<tr><td>Wednesday 28.07.2021</td><td>Registration & Inauguration</td><td>Presentation of 1-08 selected papers participants Through on line</td><td rowspan="2">L U N C H</td><td>Presentation of 09-22selected papers participants Through on line</td></tr>
<tr><td>Thursday 29.07.2021</td><td colspan="2">Presentation of 23-38 selected papers participants Through on line</td><td>Valediction</td></tr>
</table>

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Guntur (Dist.), A.P.

Attendance Sheet

Virtual International Conference on
RECENT TRENDS IN POWER SYSTEMS AND POWER ELECTRONICS

PRESENTATION DATA

s.no	Name of the presenter	Presented date
1	M. Nagendra, L. Pavan Kumar, B. Tulasi, K. Siva Dhanamma, B. Dinesh	28.07.2021
2	Shabbier Ahmed Sydu, Phanindra Thota, Eswaraiah G	28.07.2021
3	Y. Vijaya Kumar, Dr.Ch. Chengaia, M. Chandra Sekhar	28.07.2021
4	A Amarendra, Dr. L Ravi Srinivas, Dr. R Srinivasa Rao	28.07.2021
5	Shaik A Johny Begam, G.Naveen	28.07.2021
6	Pallavi G Upase, B. Sampath Kumar	28.07.2021
7	Shivaji S. Bhosale, Prof.C.H. Mallareddy	28.07.2021
8	P.Bramarambavathi, G.Naveen	28.07.2021
9	Rajendra Kodamanchili, CH.S.K.B.Pradeep Kumar, VNSR Murthy, J Suresh	28.07.2021
10	N.Dharani Kumar, RamaKoteswaraRao Alla	28.07.2021
11	V.Sarayu, RamaKoteswaraRao Alla	28.07.2021
12	G Koti Reddy, D Prasad, G V K Murthy, N Raghunadh	28.07.2021
13	K Sowjan Kumar, N Raghunadh, G V K Murthy, D Prasad	28.07.2021
14	K. Chandrika, CH. Rami Reddy, M.Subramanayam	28.07.2021
15	Ch.Ranga Rao, RamaKoteswaraRao Alla	28.07.2021
16	A.V.Seetaramanjaneyulu, Y.V.Santhipriya	28.07.2021

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17	P.Purna Chandra Rao, Dr. R. Anandhakumar, . Dr.L.Shanmukha Rao	28.07.2021
18	Ch.S.K.B.Pradeep Kumar, Rajendra.Kodamanchili, VNSR Murthy	28.07.2021
19	Bhargav Guptha	28.07.2021
20	K. Jowhar	28.07.2021
21	M.Harika, P. John luke, B. Ajay kumar	28.07.2021
22	Sunil Babu Jyothi	28.07.2021
23	Galla Naga Raju	29.07.2021
24	M.Chandra Sekhar, Y. Vijaya Kumar	29.07.2021
25	Sk.Karimulla	29.07.2021
26	Sk.Neelofar, G.Naveen	29.07.2021
27	VNSR Murthy, Rajendra Kodamanchili, CH.S.K.B.Pradeep Kumar, J Suresh	29.07.2021
28	K. Naga Deepthi, Ch.Harsha, M.Ravi Teja	29.07.2021
29	M.Madhavi, Sk.Nagur Basha, K Manasa	29.07.2021
30	A. Sai Krishna, G. Yashwanth Krishna, A.N.V.D. Tarun, G. Praveen kumar	29.07.2021
31	M. Ravi kumar, S.Akhil Kumar, V. Ramakrishna, J.Pothu Raju	29.07.2021
32	Kakumanu Sailaja, T.Tejaswini	29.07.2021
33	B. Koteswara Rao, Pavan Kalyan. G	29.07.2021
34	M.Subramanyam	29.07.2021
35	Sk.Karimulla	29.07.2021
36	Sk Md Shareef	29.07.2021
37	B.Praveen Kumar , G.V.V Nagaraju P.D.V.S.K.Kishore , P.PurnaChandra Rao	29.07.2021
38	P.D.V.S.K.Kishore	29.07.2021

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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: 11.07.2021

PROGRAMME REPORT

Name of the Programme : ATwo International Conference on "Recent Trends in Power systems and Power Electronics"

Dates : 28th to 29th July, 2021

Details of the Resource Persons :

1. Name : Dr. Shady H.E. Abdel Aleem
   Designation : Associate Professor, Vice Dean for Community & Environmental Services
   Organization : Valley Higher Institute of Engineering and Technology, Science Valley Academy, Qalyubia 44971, Egypt
   Phone No : 9494990832
   Mail.Id : hodeee@nrtec.in

Objective of the programme:

The Conference is to highlight the effort of the Researchers Who are hamessed the Power of Technology in order to help Solve Society's most Pressing problems and to discuss the challenges faced in due courses. the situation call for review, deliberation, proposition and Exchange of New idea the researchers, educators, and industry Experts bring together to show their efforts

Topic Covered:

- AI applications to power systems
- Big Data Analysis& Power Systems
- Control Applications in Power Systems
- Power Electronics &Control for Smart Grids

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- Energy Management for Smart grids
- Power Quality issues

Outcome of the programme:

- Overview on where we are in testing and linkage to care and what are the main priorities and challenges in the years to come
- Greater understanding of how to improve monitoring and surveillance and use this to impact in Power Systems & Electrical Engineering .

No. of participants: 44

Coordinator

HOD

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Press Note & Coverage

Date:- 31/07/2021

ఎన్ఇసిలో అంతర్జాతీయ సెమినార్...

ఎన్ఇసి కళాశాలలో రీసెంట్ ట్రెండ్స్ ఇన్ పవర్ సిస్టమ్స్ అండ్ ఎలక్ట్రానిక్స్ అనే అంశంపై గురువారం అంతర్జాతీయ సమావేశం నిర్వహించారు. కళాశాల వైస్ చై[illegible] మిట్టపల్లి చక్రవర్తి, డాక్టర్ అబ్దుల్ ఆలీమ్, ప్రిన్సిపాల్ శ్రీనివాసకుమార్ తదితరులు మాట్లాడారు. పరిశోధనలకు సంబంధించి పలు విషయాలను విద్యార్థులకు తెలియజేశారు. కార్యక్రమంలో అధ్యాపకులు డాక్టర్ లక్ష్మణ్, ప్రవీణ్‌కుమార్, సునీల్ తదితరులు పాల్గొన్నారు.

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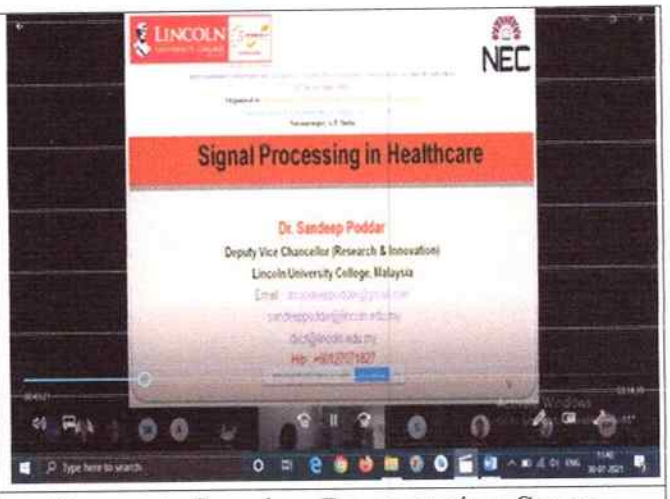
Photos



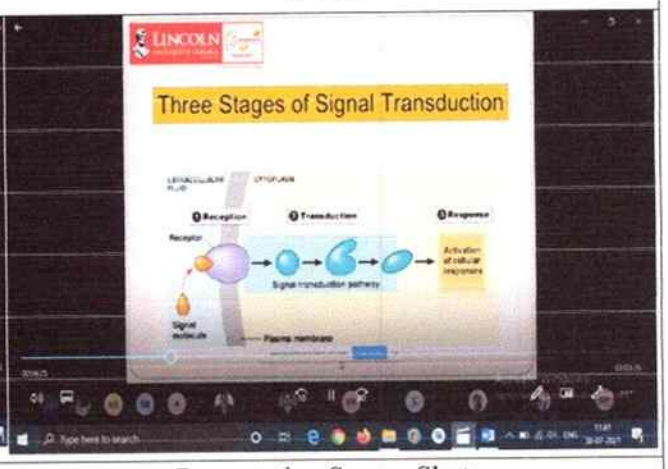
International Advisory Committee



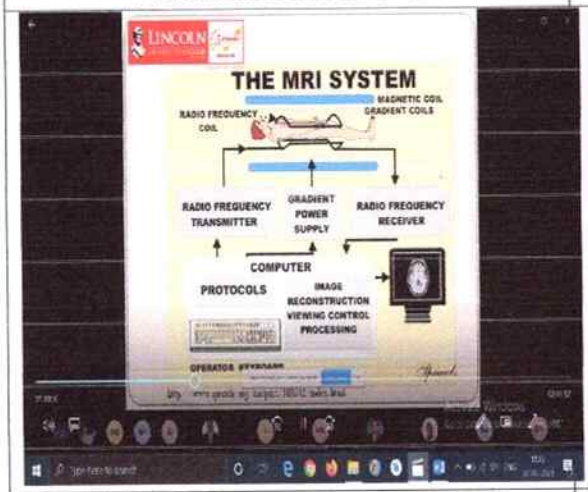
Key note Speaker Presentation Screen Shots



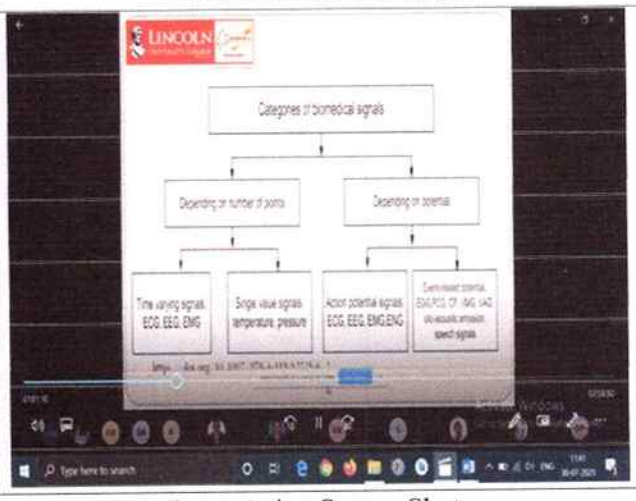
Presentation Screen Shots



Presentation Screen Shots



Presentation Screen Shots



Presentation Screen Shots

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Sample Certificates

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Virtual International Conference on

Recent Trends in Power Systems and Power Electronics

NEC-VICPSPE-2K21

28th & 29th July, 2021

Organized by Department of Electrical & Electronics Engineering

Certificate of Participation

This is to Certify that Mr./Mrs./Ms./Dr.**PRAVEEN KUMAR BATHULA, Assistant Professor-EEE, NARASARAOPETA ENGINEERING COLLEGE** Presented / Participated a paper entitled Sensorless voltage control of CHB Multilevel inverter fed three phase induction motor with one DC source per each phase in the Virtual International Conference on Recent Trends in Power Systems and Power Electronics– 2K21 (NEC-VICPSPE-2K21) held at Department of Electrical and Electronics Engineering, Narasaraopeta Engineering College, Narasaraopet during 28th & 29th July, 2021

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NEC-VICPSPE-2K21

28th & 29th July, 2021

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This is to Certify that Mr./Mrs./Ms./Dr.**Dharani Kumar Narne, Assistant Professor-EEE, R.V.R & J.C. College of Engineering** Presented / Participated a paper entitled Fuzzy Control Design For A Stand-Alone Wind Energy Conversion System in the Virtual International Conference on Recent Trends in Power Systems and Power Electronics– 2K21 (NEC-VICPSPE-2K21) held at Department of Electrical and Electronics Engineering, Narasaraopeta Engineering College, Narasaraopet during 28th & 29th July, 2021.

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This is to Certify that Mr./Mrs./Ms./Dr.**RamaKoteswaraRao Alla, Associate Professor-EEE, R.V.R. & J.C. College of Engineering** Presented / Participated a paper entitled Loop Power Controller For Power Control In Distribution Feeders in the Virtual International Conference on Recent Trends in Power Systems and Power Electronics–2K21 (NEC-VICPSPE-2K21) held at Department of Electrical and Electronics Engineering, Narasaraopeta Engineering College, Narasaraopet during 28th & 29th July, 2021.

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This is to Certify that Mr./Mrs./Ms./Dr.**Dr.L.Shanmukha Rao, Professor-EEE, Kallam haranadhareddy institute of technology,chowdavaram, Guntur , Andhra Pradesh India** Presented / Participated a paper entitled Design and implementation of FOPID intelligent control strategy for energy management system with FC/battery/SC in the Virtual International Conference on Recent Trends in Power Systems and Power Electronics–2K21 (NEC-VICPSPE-2K21) held at Department of Electrical and Electronics Engineering, Narasaraopeta Engineering College, Narasaraopet during 28th & 29th July, 2021.

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This is to Certify that Mr./Mrs./Ms./Dr.**R NAVEEN KUMAR, Assistant Professor-EEE, Ramachandra college of engineering,Eluru** Presented / Participated a paper entitled ACCURACY CORRECTION WITH FLY-BACK CONVERTER USING CHARGE CONTROLLER in the Virtual International Conference on Recent Trends in Power Systems and Power Electronics– 2K21 (NEC-VICPSPE-2K21) held at Department of Electrical and Electronics Engineering, Narasaraopeta Engineering College, Narasaraopet during 28th & 29th July, 2021.

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A Virtual International Conference on "Emerging Trends In mechanical Engineering and Industrial Automation"

Circular

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DEPARTMENT OF MECHANICAL ENGINEERING

Date: 22-07-2021

CIRCULAR

Department of Mechanical Engineering is organizing International Conference on **"EMERGING TRENDS IN MECHANICAL ENGINEERING AND INDUSTRIAL AUTOMATION"** in association with **THE INSTITUTE OF ENGINEERS** from **30/07/2021 to 31/07/2021.** Request all the faculty members are to attend.

Program Convenors: Dr. B. Venkata Siva (9692464540)
Dr. D. Jagadish (9885419504)

IQAC **HOD** **PRINCIPAL**

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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

About NEC

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 thrice 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 Seven courses at B.Tech level in the branches EEE, CSE, CSE-AI, IT, 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 Devel-opment 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 Guntur 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 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 student chapters ISTE & IE(I).

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INTERNATIONAL CONFERENCE ON
Emerging Trends in Mechanical Engineering and Industrial Automation
NEC-ICETMEIA-2K21
(VIRTUAL)

30th - 31st July, 2021

Organized By
Department of
Mechanical Engineering
In Association With
The Institution of Engineers (India)

Narasaraopeta Engineering College (Autonomous)
Kotappakonda Road, Yellamanda (Post),
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Ph: 08647-239912, 9885271324, 9849866902
Fax No.: 08647-239902
E-Mail: icetmeia2021@gmail.com, mechhod@nrtec.in
Website: http://www.nrtec.in

ABOUT THE INTERNATIONAL CONFERENCE

The objective of NEC-ICETMEIA–2021 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. Further, it would also facilitate discussion that centers on the developments and challenges in the fields of design, manufacturing, thermal, robotics, mechatronics fields of engineering.

The focus of this conference is to provide a technical platform that encourages scientific research and educational activities that would cater to the needs of both society and the industry. Most importantly, NEC-ICETMEIA-2k21 is invested in the advancement of a common man's life by utilizing the theory and practice of Mechanical Engineering and allied fields of engineering. The conference includes a keynote address and guest lectures by eminent speakers around the globe who would deliberate the recent trends and challenges in the field of mechanical engineering & industrial automation.

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
- 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 two hard copies of full length paper in IEEE format not exceeding 5 pages along with a soft copy send through e-mail: icetmeia2021@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 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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Dr.Srinivasu Gangisetty, Asst. Prof. Dept. of ME, NIT, Raipur

IMPORTANT DATES

Paper Submission opens from	: 20th June, 2021
Paper Submission closes on	: 10th July, 2021
Acceptance Intimation	: 15th July, 2021
Camera Ready Paper, Copy right form Submission & Author Registration	: 17th July, 2021
Conference Dates	: 30th & 31st July, 2021

REGISTRATION DETAILS

Categories	Registration Fees
Research Scholars / Faculty	Rs. 300/-
R & D / Industry	Rs. 600/-
Foreign Delegates	US$ 50

SPONSORSHIP

Mr./Ms. _____
is working /studying in our Institution/ Organization and his / her application is hereby sponsored / forwarded for attending the above international conference. The participant would be permitted to attend the international conference, if selected.

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Principal / Head of the Department

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INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN MECHANICAL ENGINEERING AND INDUSTRIAL AUTOMATION

NEC-ICETMEIA-2K21

(VIRTUAL)

30th - 31st July, 2021

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 Students/Faculty : INR 300
   For R&D / Industry : INR 600
   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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Schedule

Schedule of Keynote Address

Time(IST)	Friday,30th July2021	Time(IST)	Saturday, 31st July 2021
10.00 AM-10.40 AM	InauguralCeremony(Online) Join Link https://tinyurl.com/NEC-ICETMEIA-2K21	10:00 AM-11:00 AM	KeynoteAddress by **Dr. Naresh Kakur** Research Staff Department of Aerospace Engineering, Khalifa University of Science and Technology Abu Dhabi, **U.A.E.** Join Link https://tinyurl.com/NEC-ICETMEIA-2K21 Coordinator: Dr.P.SureshBabu
10.45AM-11:45 AM	KeynoteAddress by **Dr.Jose I. Rojas** Associate professor Division of Aerospace Engineering, Universitatpolitecnica de catalunya, Castelldefels,**SPAIN.** Join Link https://tinyurl.com/NEC-ICETMEIA-2K21 Coordinator: Dr.D.Jagadish		

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SESSIONS SCHEDULE

Join Link: https://tinyurl.com/NEC-ICETMEIA-2K21

Time(IST)	Friday, 30th July2021	Time(IST)	Saturday, 31st July 2021
11.45 AM-01.30 PM	**Session-1 (Design Engineering)** Session Chairs- Dr.KaliCharanRath M.VenkannaBabu **Coordinator** Ch.Sekhar	11:30 AM-01:30 PM	**Session-3 (Thermal Engineering)** Session Chairs Dr.G.Suresh Dr.D.Jagadish **Coordinator** P.Sravani
02.00 PM-04:30 PM	**Session-2 (Production Engineering)** SessionChairs Dr.K.Satyanarayana, Dr.D.Jagadish **Coordinator** M.Venkaiah	02.00 PM-04:00 PM	**Session-4 (Advance Topics in Mechanical)** SessionChairs Dr.GunjiBalaMurali Dr.P.SureshBabu **Coordinator** B.Rajiv Kumar
		04.00 PM-04:15 PM	*Valedictory Session*

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Attendance Sheet

Program Report

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Date:02-08-2021

PROGRAMME REPORT

Name of the Programme : A Virtual International Conference on "Emerging Trends In mechanical Engineering and Industrial Automation"

Dates : 30th to 31st July, 2021

Details of the Resource Persons :

1. Name : Dr. Jose I. Rojas
   Designation : Associate Professor
   Organization : Division of Aerospace Engineering, Universitat politecnica de catalunya CASTELIDEFELS, SPAIN
   Phone No : +34 637 02 83 54
   Mail.Id : josep.ignasi.rojas@upc.edu
2. Name : Dr. Naresh kumar
   Designation : Research staff
   Organization : Dapartment of Aerospace Engineering. Khalifa University of Science and Technology, ABU DHABI, U.A.E
   Phone No : +971 54 322 2900
   Mail.Id : nareshaero1991@gmail.com

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Objective of the programme:

Interconnected Machines

Machine to machine (M2M) or Interconnected Machines is a method that facilitates direct communication between machines either through a wired or wireless medium. Industrial instrumentation helps sensors in interconnected machines to communicate vital information. This trend will bring about efficient use of power and diversified IP networks to influence faster and better services around the globe through remote monitoring in the supply-chain management.

Digital Manufacturing

Automation has become the norm of the manufacturing industry, which is why there is a growing need to model automated tools, run relevant simulations, and continuously analyse the functioning of these machines. There is a growing need for manufactured goods in the market today, and this is where digital manufacturing comes into play. This trend will ensure faster and glitch-free manufacturing processes which will prevent delays in manufacturing, wastage, and will ensure flexibility in the manufacturing industry.

Biomedical Engineering

Biomedical engineering is one of the fastest emerging trends in mechanical engineering today. It combines the concepts of design and engineering to the field of medicine and biology to modernise healthcare. Biomedical engineering can help facilitate better patient diagnosis, health monitoring, and therapy. Some of the currently existing examples of biomedical engineering are dental implants, pacemakers, and lifesaving artificial organs. This branch of mechanical engineering is projected to grow by leaps and bounds in the coming years.

Green Manufacturing

The need of the hour for the human race is to ensure a more sustainable approach to life by engaging in manufacturing practices that can reduce waste, minimise pollution, utilise natural resources, and reduce emissions. This can be done through green manufacturing practices which will have a direct impact on product design, streamlined manufacturing processes, standardised regulations, and lean manufacturing.

Nanotechnology

Nanotechnology is the branch of science that deals in the manipulation of matter which consists of at least one dimension with a size ranging from 1 to 100 nanometres. Nanotechnology is a wide field with multiple areas of science including molecular engineering, surface science,

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and energy storage. This tech can amplify the applications of mechanical engineering in various fields and industries.

Industry 4.0

We are still at the very crux of Industry 4.0 as this trend emphasises on exchange of data and automation in the mechanical engineering industry. On a broad spectrum, Industry 4.0 has led to the use of mechanical sensors, Internet of Things, machine learning, artificial intelligence, and cloud computing. Smart factories and smart manufacturing are going to be the cornerstones of Industry 4.0. As the industry demands, more and more colleges are upgrading the curriculum of their mechanical engineering programs to the requirements of Education 4.0.

Topic Covered:

- Advanced manufacturing processes
- 3D printing
- Green Manufacturing and industry 4.0
- Finite element analysis
- Product design & development
- Mechatronics & Robotics
- Non-Conventional Energy Resources
- Green energy & Energy harvesting
- Refrigeration & Air conditioning
- Tribology
- Combustion & pollution
- Flow measurement
- Polymer components
- Metal matrix composites
- Smart materials
- Solar Energy
- Surface Science & Engineering

Outcome of the programme:

Virtually every product or service in modern life has probably been touched in some way by a mechanical engineer to help humankind. This includes solving today's problems and creating

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future solutions in health care, energy, transportation, world hunger, space exploration, climate change, and more Create stronger composite materials. Develop superior renewable energy storage systems. Create advanced biomedical devices.

Industry 4.0 is one of the trends of Mechanical Engineering which focuses on Data exchange and Automation in manufacturing technologies and processes which include the Internet of Things (IoT), artificial intelligence, Cloud computing, Industrial Internet of Things (IIOT).

No. of participants: 62

Coordinator

HOD

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Press Note & Coverage

Photos

A Virtual International Conference on

"EMERGING TRENDS IN MECHANICAL ENGINEERING AND INDUSTRIAL AUTOMATION"



Resource person Dr. Jose I. Rojas along with Principal, HOD of Mechanical and other participants



Resource person Dr. Jose I. Rojas along with Principal, HOD of Mechanical and other participants

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This is to certify that the following paper has been presented by **DR.R.KALAIVANAN** at Virtual International Conference on **"EMERGING TRENDS IN MECHANICAL ENGINEERING & INDUSTRIAL AUTOMATION (ICETMEIA-2K21)**, organised by Department of Mechanical Engineering, Narasaraopeta Engineering College during 30th-31st July, 2021.

Title of the Paper: Heat Transfer Enhancement on Shell and Coil Type of Heat Exchanger Using SiO2 and Cuo Nano-Fluids

Authors: G. Sreenivasulu Reddy[1], Dr.R.Kalaivanan[2], Dr.R.Uday Kumar[3]

Affiliation: [1]Mahatma Gandhi Institute of Technology Gandipet, Hyderabad, [2]Annamalai University,Annamalai Nagar, Tamilnaadu-608002, [3]Mahatma Gandhi Institute of Technology Gandipet, Hyderabad.

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Dr.P.Suresh Babu
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Dr. M. Sreenivasa Kumar
Principal, Patron

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NECICETMEIAT07

This is to certify that the following paper has been presented by **I.SRI PHANI SUSHMA** at Virtual International Conference on **"EMERGING TRENDS IN MECHANICAL ENGINEERING & INDUSTRIAL AUTOMATION (ICETMEIA-2K21)**, organised by Department of Mechanical Engineering, Narasaraopeta Engineering College during 30th-31st July, 2021.

Title of the Paper: Importance of Ice Jet machining - A Review

Authors: Penugonda Sundara Krishna[1], I.Sri Phani Sushma[2]

Affiliation: [1]University College of Engineering Narasaraopeta- JNTUK,

[2]University College of Engineering Narasaraopeta- JNTUK.

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This is to certify that the following paper has been presented by **DR.R.UDAY KUMAR** at Virtual International Conference on **"EMERGING TRENDS IN MECHANICAL ENGINEERING & INDUSTRIAL AUTOMATION (ICETMEIA-2K21)**, organised by Department of Mechanical Engineering, Narasaraopeta Engineering College during 30th-31st July, 2021.

Title of the Paper: Heat Transfer Enhancement on Shell and Coil Type of Heat Exchanger Using SiO_2 and Cuo Nano-Fluids

Authors: G. Sreenivasulu Reddy[1], Dr.R.Kalaivanan[2], Dr.R.Uday Kumar[3]

Affiliation: [1]Mahatma Gandhi Institute of Technology Gandipet, Hyderabad, [2]Annamalai University,Annamalai Nagar, Tamilnaadu-608002, [3]Mahatma Gandhi Institute of Technology Gandipet, Hyderabad.

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This is to certify that the following paper has been presented by **B.CHANDRA BOSE** at Virtual International Conference on **"EMERGING TRENDS IN MECHANICAL ENGINEERING & INDUSTRIAL AUTOMATION (ICETMEIA-2K21)**, organised by Department of Mechanical Engineering, Narasaraopeta Engineering College during 30th-31st July, 2021.

Title of the Paper: 3D Printing of prototype through image processing using autodesk recap photo software

Authors: B.Chandra Bose[1], Dr.M.Sreenivasa Kumar[2], Dr.B.Venkata Siva[3]

Affiliation: [1]Narsaraopeta Engineering College, Narasaraopet,A.P,India,

[2]Narsaraopeta Engineering College, Narasaraopet,A.P,India,

[3]Narsaraopeta Engineering College, Narasaraopet,A.P,India.

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This is to certify that the following paper has been presented by **MR.Y RAVI KISHORE** at Virtual International Conference on **"EMERGING TRENDS IN MECHANICAL ENGINEERING & INDUSTRIAL AUTOMATION (ICETMEIA-2K21)**, organised by Department of Mechanical Engineering, Narasaraopeta Engineering College during 30th-31st July, 2021.

Title of the Paper: Characterization of Tungsten carbide reinforced Al7075 matrix Composites.

Authors: Dr.D Venkata Rao[1], Mr. G Raju[2], Mr.Y Ravi Kishore[3]

Affiliation: [1], Kallam Haranadha Reddy Institute of Technology, Guntur, AP, India, [2], Kallam Haranadha Reddy Institute of Technology, Guntur, AP, India, [3], Kallam Haranadha Reddy Institute of Technology, Guntur, AP, India.

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This is to certify that the following paper has been presented by **K. NEERAJA** at Virtual International Conference on **"EMERGING TRENDS IN MECHANICAL ENGINEERING & INDUSTRIAL AUTOMATION (ICETMEIA-2K21)**, organised by Department of Mechanical Engineering, Narasaraopeta Engineering College during 30th-31st July, 2021.

Title of the Paper: Optical characterization of V2O5 doped Na_2O-SiO2- ZrO_2 glasses

Authors: K. Neeraja[1], K. Ephraim Babu[2], G.S.John[3]

Affiliation: [1]Narsaraopeta Engineering College, Narasaraopet,A.P,India, [2]Narsaraopeta Engineering College, Narasaraopet,A.P,India, [3]Narsaraopeta Engineering College, Narasaraopet,A.P,India.

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This is to certify that the following paper has been presented by **V.MAHENDRAREDDY** at Virtual International Conference on **"EMERGING TRENDS IN MECHANICAL ENGINEERING & INDUSTRIAL AUTOMATION (ICETMEIA-2K21)**, organised by Department of Mechanical Engineering, Narasaraopeta Engineering College during 30th-31st July, 2021.

Title of the Paper: Fabrication And Testing Mechanical Behaviour Of Hemp Fibre, Chopped E Glass And Hybrid With Nano Particle

Authors: Mr. Srinivasulu Dorasila[1], K.Srinivasareddy[2], V.Mahendrareddy[3]

Affiliation: [1], Kallam Haranadha Reddy Institute of Technology, Guntur, AP, India, [2], Kallam Haranadha Reddy Institute of Technology, Guntur, AP, India, [3], Kallam Haranadha Reddy Institute of Technology, Guntur, AP, India.

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This is to certify that the following paper has been presented by **PWDS MILTON** at Virtual International Conference on **"EMERGING TRENDS IN MECHANICAL ENGINEERING & INDUSTRIAL AUTOMATION (ICETMEIA-2K21)**, organised by Department of Mechanical Engineering, Narasaraopeta Engineering College during 30th-31st July, 2021.

Title of the Paper: Frictionless Electromagnetic Braking System

Authors: PWDS Milton[1], G Suresh Babu[2], S Dass[3]

Affiliation: [1], Kallam Haranadha Reddy Institute of Technology, Guntur, AP, India, [2], Kallam Haranadha Reddy Institute of Technology, Guntur, AP, India, [3], Kallam Haranadha Reddy Institute of Technology, Guntur, AP, India.

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This is to certify that the following paper has been presented by **VENKANNABABU MENDI** at Virtual International Conference on **"EMERGING TRENDS IN MECHANICAL ENGINEERING & INDUSTRIAL AUTOMATION (ICETMEIA-2K21)**, organised by Department of Mechanical Engineering, Narasaraopeta Engineering College during 30th-31st July, 2021.

Title of the Paper: Determination Of Efficient Location Of Split Air Conditioner Using CFD

Authors: Venkannababu Mendi[1], Kasukurthi Prakash Babu[2], Kukkala Haribalakrishna[3]

Affiliation: [1]Narsaraopeta Engineering College, Narasaraopet,A.P,India, [2]Azad College of Engineering and Technology, Hyderabad, [3]Azad College of Engineering and Technology, Hyderabad.

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This is to certify that the following paper has been presented by **DR.KARUNA KUMAR .G** at Virtual International Conference on **"EMERGING TRENDS IN MECHANICAL ENGINEERING & INDUSTRIAL AUTOMATION (ICETMEIA-2K21)**, organised by Department of Mechanical Engineering, Narasaraopeta Engineering College during 30th-31st July, 2021.

Title of the Paper: A novel hybrid Fuzzy AHP and VIKOR methodology for Reclaimer Selection in GSCM

Authors: Dr.Karuna Kumar .G[1], Ratna Kumar Gotru[2], Dr.Seelam Krugon[3],Ramakanth K[4]

Affiliation: [1]Gudlavalleru Engineering College,Gudlavalleru,A.P,India, [2]Gudlavalleru Engineering College,Gudlavalleru,A.P,India, [3]Bapatla Engineering College,Bapatla, A.P, [4]Gudlavalleru Engineering College,Gudlavalleru,A.P,India

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This is to certify that the following paper has been presented by **RAJESH MIKKILI** at Virtual International Conference on **"EMERGING TRENDS IN MECHANICAL ENGINEERING & INDUSTRIAL AUTOMATION (ICETMEIA-2K21)**, organised by Department of Mechanical Engineering, Narasaraopeta Engineering College during 30th-31st July, 2021.

Title of the Paper: Performance evaluation of Vegetable oils as Cutting fluid under MQL condition in Turning

Authors: Rajesh Mikkili[1], Putta Nageswara Rao[2], Ajith Athota[3], N.S. Prameela[4]

Affiliation: [1]Vasiredddy Venkatadri Institute of Technology, Guntur, AP, [2]Vasiredddy Venkatadri Institute of Technology, Guntur, AP, [3]Vasiredddy Venkatadri Institute of Technology, Guntur, AP, [4]Vasiredddy Venkatadri Institute of Technology, Guntur, AP

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This is to certify that the following paper has been presented by **SIVA SANKARA BABU CHINKA** at Virtual International Conference on **"EMERGING TRENDS IN MECHANICAL ENGINEERING & INDUSTRIAL AUTOMATION (ICETMEIA-2K21)**, organised by Department of Mechanical Engineering, Narasaraopeta Engineering College during 30th-31st July, 2021.

Title of the Paper: Design of Eco-Friendly Road Cleaner

Authors: Siva Sankara Babu Chinka[1], Ch. Siva Srinivas Rao[2], K. Sai Babu[3],M.Chetan Satya[4]

Affiliation: [1]Lakireddy Bali Reddy College of Engineering,Mylavaram, Krishna dist, [2]Lakireddy Bali Reddy College of Engineering,Mylavaram, Krishna dist, [3]Lakireddy Bali Reddy College of Engineering,Mylavaram, Krishna dist, [4]Lakireddy Bali Reddy College of Engineering,Mylavaram, Krishna dist

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This is to certify that the following paper has been presented by **K.VENKATARAO** at Virtual International Conference on **"EMERGING TRENDS IN MECHANICAL ENGINEERING & INDUSTRIAL AUTOMATION (ICETMEIA-2K21)**, organised by Department of Mechanical Engineering, Narasaraopeta Engineering College during 30th-31st July, 2021.

Title of the Paper: Mechanical and Microstructural characterisation of Jute hybrid composite with Alkali treatment

Authors: Ch.Lakshmi Nath[1], A.Venkata Jayasri[2], A.Bharathi Lakshmi[3]

Affiliation: [1]PVP Siddhartha institute of Technology, Vijayawada,A.P,India, [2], [3], [4]

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A 5- Day Virtual Faculty Development Programme on Quantum Computing for Machine Learning and Deep Learning

A 5-Day FDP on Quantum computing for M/L and DL

Circular

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DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

Date: 19-07-2021

CIRCULAR

All the Teaching staff members are here by informed that IQAC & Department of Computer Science and Engineering is going to organize a Five Day Faculty Development Program on Quantum Computing for Machine Learning and Deep Learning from 2nd - 6th August ,2021. 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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Broucher

Course Content:

- Fundamentals of Quantum Computing.
- Introduction to Quantum Machine Learning.
- Introduction to CNN and Quantum Computers
- Classical and Quantum Machine Learning algorithms
- Basics of machine learning with Tensorflow
- Quantum Backpropagation
- Applications of Quantum Machine Learning
- Implementation of Quantum Machine Learning
- Algorithms on Quantum Computers
- Quantum Algorithms for Deep Convolutional Neural Network
- Quantum CNN (QCNN)
- Applications of Quantum Deep CNN

Resource Persons:

1. Dr.R.B.V.Subramanyam,
   Professor&Head, Dept of CSE
   NIT , Warangal.
2. Dr. M.Srinivas
   Asst. professor Dept of CSE
   (NIT), Warangal.
3. Dr Nikhil Marriwala,
   Associate Professor &Head, Dept. of ECE,
   Kurukshetra University,
4. Dr.K.Uma Pavan Kumar,
   Professor and HOD, Dept. of CSE
   Malla Reddy College of Engineering for Women , Hyderabad.
5. Dr S.V.Naga Sreenivasu,
   Professor in CSE,
   Narasaraopeta Engineering College.

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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 Five Day Faculty Development Program on Quantum Computing for Machine Learning and Deep Learning
2nd - 6th August, 2021

Organized
by

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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

IQAC

Objective of Workshop

The pace of development in quantum computing mirrors the rapid advances made in machinelearning deep learning and artificial intelligence. It is natural to ask whether quantum technologies could boost learning algorithms: this field of inquiry is called quantum- enhanced machine learning and deep learning. Machine learning and deep learning has fundamentally changed the way humans interact with and relate to data, and achieved remarkable success in many application areas.

However, this revolution faces increasing challenges due to limited computational power and the growing size of datasets. Information is fundamentally governed by the laws of physics, and quantum mechanics can enhance our information-processing abilities. Unprecedented quantum advantages have been identified, such as Shor's polynomialtime quantum algorithm for factorization, which compromises the widely-used RSA cryptosystem. Motivated by this and other possible applications of quantum information, thestudy of the impact of quantum mechanics on information processing has become a major research area over the past two decades.

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 par-

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

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Coordinator

Dr. S.V.N.Sreenivasu,
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Schedule

Faculty Development Program on

Quantum Computing for

Machine Learning and Deep Learning

2nd - 6th August 2021.

Program Schedule

	09.30 TO 11.00	11.30 TO 01.00	2.30 TO 4.00
DAY 1 02-08- 21	➔ Inauguration	➔ Fundamentals of Quantum Computing.	➔ Introduction to Quantum Machine Learning
	Mr M.S.Chakravarthi, Vice Chairman, NEC Group Dr M. Sreenivasa Kumar, Principal,All HODsand Participants	**Dr.R.B.V.Subramanyam, Professor&Head Dept of CSE Warangal. Phone NO: 9491346969**	
DAY 2 03-08- 21	➔ Introduction to CNN AndQuantum Computers	➔ Classical Machine Learning algorithms	➔ Quantum Machine Learning algorithms
	Dr. M.Srinivas, Asst. professor Dept of CSE Warangal. Phone NO: 8897064421		
DAY 3 04-08- 21	➔ Basics of machine learning with Tensorflow.	➔ Quantum Backpropagation	➔ Applications of Quantum Machine Learning
	Dr Nikhil Marriwala, Associate Professor &Head, Dept. of ECE, Kurukshetra University, Phone NO: 9416668482.		
DAY 4 05-08- 21	➔ Implementation of Quantum Machine Learning	➔ Algorithms on Quantum Computers	➔ Quantum Algorithms for Deep Convolutional Neural Network.
	Dr.K.Uma Pavan Kumar, Professor and HOD, Dept. of CSE Hyderabad, Phone NO: 9705245285		

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DAY 5 06-08-21	➔ Quantum CNN (QCNN)	➔ Applications of Quantum Deep CNN	➔ Valedictory
	Dr S.V.Naga Sreenivasu, Professor in CSE, Narasaraopet. Phone NO: 9502935039		

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Attendance Sheet

List Of Faculty Attented The FDP On Quantum Computing for Machine Learning and Deep Learning

S.No	Name of Faculty	Designation	Institution
1	Dr.S.N Tirumala Rao	Professor	Narasaraopeta Engineering College
2	Dr.B. Jhansi Vazram	Professor	Narasaraopeta Engineering College
3	Dr. S V N Sreenivasu	Professor	Narasaraopeta Engineering College
4	Dr.G. Syam Prasad	Professor	Narasaraopeta Engineering College
5	Dr.GLN Jayaprada	Professor	Narasaraopeta Engineering College
6	V.Mahesh Babu	Professor	Narasaraopeta Engineering College
7	Dr T V Sai Krishna	Professor	Narasaraopeta Engineering College
8	Dr M Balaraju	Professor	Narasaraopeta Engineering College
9	Dr K Sai Anusha	Professor	Narasaraopeta Engineering College
10	Dr P Sreenivasa Moorthy	Professor	Narasaraopeta Engineering College
11	Dr K.Lakshminadh	Professor	Narasaraopeta Engineering College
12	Dr.S.Siva Nageswara Rao	Professor	Narasaraopeta Engineering College
13	Dr.KSMV Kumar	Professor	Narasaraopeta Engineering College
14	Dr M. Venkata Reddy	Assoc.Professor	Narasaraopeta Engineering College
15	Dr Somaraju Mouli	Assoc.Professor	Narasaraopeta Engineering College
16	M.Sireesha	Assoc.Professor	Narasaraopeta Engineering College
17	K.Gnanendra	Assoc.Professor	Narasaraopeta Engineering College
18	Syed Rizwana	Asst.Professor	Narasaraopeta Engineering College
19	O.Aruna	Asst.Professor	Narasaraopeta Engineering College
20	Ch.Lakshmi Tulasi	Asst.Professor	Narasaraopeta Engineering College
21	P.Swathi	Asst.Professor	Narasaraopeta Engineering College
22	S.Deva Raju	Asst.Professor	Narasaraopeta Engineering College
23	Shaik Subhani	Asst.Professor	Narasaraopeta Engineering College
24	Khaja Mohiddin Basha Sk	Asst.Professor	Narasaraopeta Engineering College
25	Sk.GousyaPyari	Asst.Professor	Narasaraopeta Engineering College
26	K.Rambabu	Asst.Professor	Narasaraopeta Engineering College
27	M.Sathyam Reddy	Asst.Professor	Narasaraopeta Engineering College
28	Shaik Rafi	Asst.Professor	Narasaraopeta Engineering College
29	G.Lakshmi Narayana	Asst.Professor	Narasaraopeta Engineering College
30	K.V.Narasimhareddy	Asst.Professor	Narasaraopeta Engineering College
31	D.Raju	Asst.Professor	Narasaraopeta Engineering College
32	K.Shishir	Asst.Professor	Narasaraopeta Engineering College
33	U. Vijay Kumar	Asst.Professor	Narasaraopeta Engineering College
34	P.Ramadevi	Asst.Professor	Narasaraopeta Engineering College
35	R.Sowjanya	Asst.Professor	Narasaraopeta Engineering College
36	N.Ananthrami Reddy	Asst.Professor	Narasaraopeta Engineering College
37	M.Arun Kumar	Asst.Professor	Narasaraopeta Engineering College
38	O Samba Siva Rao	Asst.Professor	Narasaraopeta Engineering College
39	Sk.Sameerunnisa	Asst.Professor	Narasaraopeta Engineering College

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40	R.Dilipkumar	Asst.Professor	Narasaraopeta Engineering College
41	T.Venkata Manohar	Asst.Professor	Narasaraopeta Engineering College
42	B.Ramakrishna	Asst.Professor	Narasaraopeta Engineering College
43	G Venkateswara Rao	Asst.Professor	Narasaraopeta Engineering College
44	Y Chandana	Asst.Professor	Narasaraopeta Engineering College
45	M.Ramakrishna Reddy	Asst.Professor	Narasaraopeta Engineering College
46	G.Prasanth	Asst.Professor	Narasaraopeta Engineering College
47	K Veera Pavankumar	Asst.Professor	Narasaraopeta Engineering College
48	A.Janardhana Rao	Asst.Professor	Narasaraopeta Engineering College
49	K.JayaPrakash	Asst.Professor	Narasaraopeta Engineering College
50	D.VenkatReddy	Asst.Professor	Narasaraopeta Engineering College
51	B Satish Kumar	Asst.Professor	Narasaraopeta Engineering College
52	R.Saritha	Asst.Professor	Narasaraopeta Engineering College
53	M.Nandini	Asst.Professor	Narasaraopeta Engineering College
54	K Ashok	Asst.Professor	Narasaraopeta Engineering College
55	K.Ramani	Asst.Professor	Narasaraopeta Engineering College
56	D.Srinivasa Rao	Asst.Professor	Narasaraopeta Engineering College
57	G.Srinadh	Asst.Professor	Narasaraopeta Engineering College
58	A.Thanuja	Asst.Professor	Narasaraopeta Engineering College
59	K.Arun	Asst.Professor	Narasaraopeta Engineering College
60	Ch.Anil	Asst.Professor	Narasaraopeta Engineering College
61	B.Siva Kanaka Raju	Asst.Professor	Narasaraopeta Engineering College
62	Dr V V A S Lakshmi	Professor	Narasaraopeta Institute of Technology
63	DR G.Rama Swamy	Professor	MALINENI PERUMALLU EDUCATIONAL SOCIETY'S GROUP OF INSTITUTIONS
64	P.Ramesh Babu	Professor	MALINENI PERUMALLU EDUCATIONAL SOCIETY'S GROUP OF INSTITUTIONS
65	B.Bhanu Prakash	Professor	KKR&KSR Institute of Technology and Sciences

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Programme Report

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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: 8th August, 2021

Program Report

Name of the program : Faculty Development Program on Quantum Computing for Machine Learning and Deep Learning.

Date(s) of FDP : 2nd - 6th August, 2021

Details of the Co- Ordinator:

Name	: Dr S.V.Naga Sreenivasu
Designation	: Professor in CSE.
Organization	: Narasaraopeta Engineering College
Phone No.	: 9849866902
Mail-id	: **drsvnsrinivasu@gmail.com**

Details of the Resource Person(s):

1. Dr.R.B.V.Subramanyam,
   Professor&Head, Dept of CSE
   National Institute of Technology (NIT), Warangal.
   Phone No: 9491346969
2. Dr. M.Srinivas
   Asst. professor Dept of CSE
   National Institute of Technology (NIT), Warangal.
   Phone NO: 8897064421
3. Dr Nikhil Marriwala,
   Associate Professor &Head, Dept. of ECE,
   Kurukshetra University,
   Phone NO: 9416668482.
4. Dr.K.Uma Pavan Kumar,
   Professor and HOD, Dept. of CSE
   Malla Reddy College of Engineering for Women
   Hyderabad,
   Phone NO: 9705245285
5. Dr S.V.Naga Sreenivasu,
   Professor in CSE,
   Narasaraopeta Engineering College, Narasaraopet.

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Phone NO: 9502935039

Objective of the Program :

The pace of development in quantum computing mirrors the rapid advances made in Machine Learning deep learning and artificial intelligence. It is natural to ask whether quantum technologies could boost learning algorithms: this field of inquiry is called quantum- enhanced machine learning and deep learning. Machine learning and deep learning has fundamentally changed the way humans interact with and relate to data, and achieved remarkable success in many application areas. However, this revolution faces increasing challenges due to limited computational power and the growing size of datasets. Information is fundamentally governed by the laws of physics, and quantum mechanics can enhance our information-processing abilities. Unprecedented quantum advantages have been identified, such as Shor's polynomial time quantum algorithm for factorization, which compromises the widely-used RSA cryptosystem. Motivated by this and other possible applications of quantum information, the study of the impact of quantum mechanics on information processing has become a major research area over the past two decades.

Topics Covered

- Fundamentals of Quantum Computing.
- Introduction to Quantum Machine Learning.
- Introduction to CNN and Quantum Computers
- Classical and Quantum Machine Learning algorithms
- Basics of machine learning with Tensorflow
- Quantum Backpropagation
- Applications of Quantum Machine Learning
- Implementation of Quantum Machine Learning
- Algorithms on Quantum Computers
- Quantum Algorithms for Deep Convolutional Neural Network
- Quantum CNN (QCNN)
- Applications of Quantum Deep CNN

Outcome of the program

After completion of this program, the faculty are able to

1. Interpret fundamentals of Quantum Computing, Machine Learning
2. Analyze Tenor Flow
3. Analyze algorithms on Quantum Computers
4. Analyze applications of Quantum Deep CNN

No. of Participants : 65

Coordinator

Dr S.V.Naga Sreenivasu

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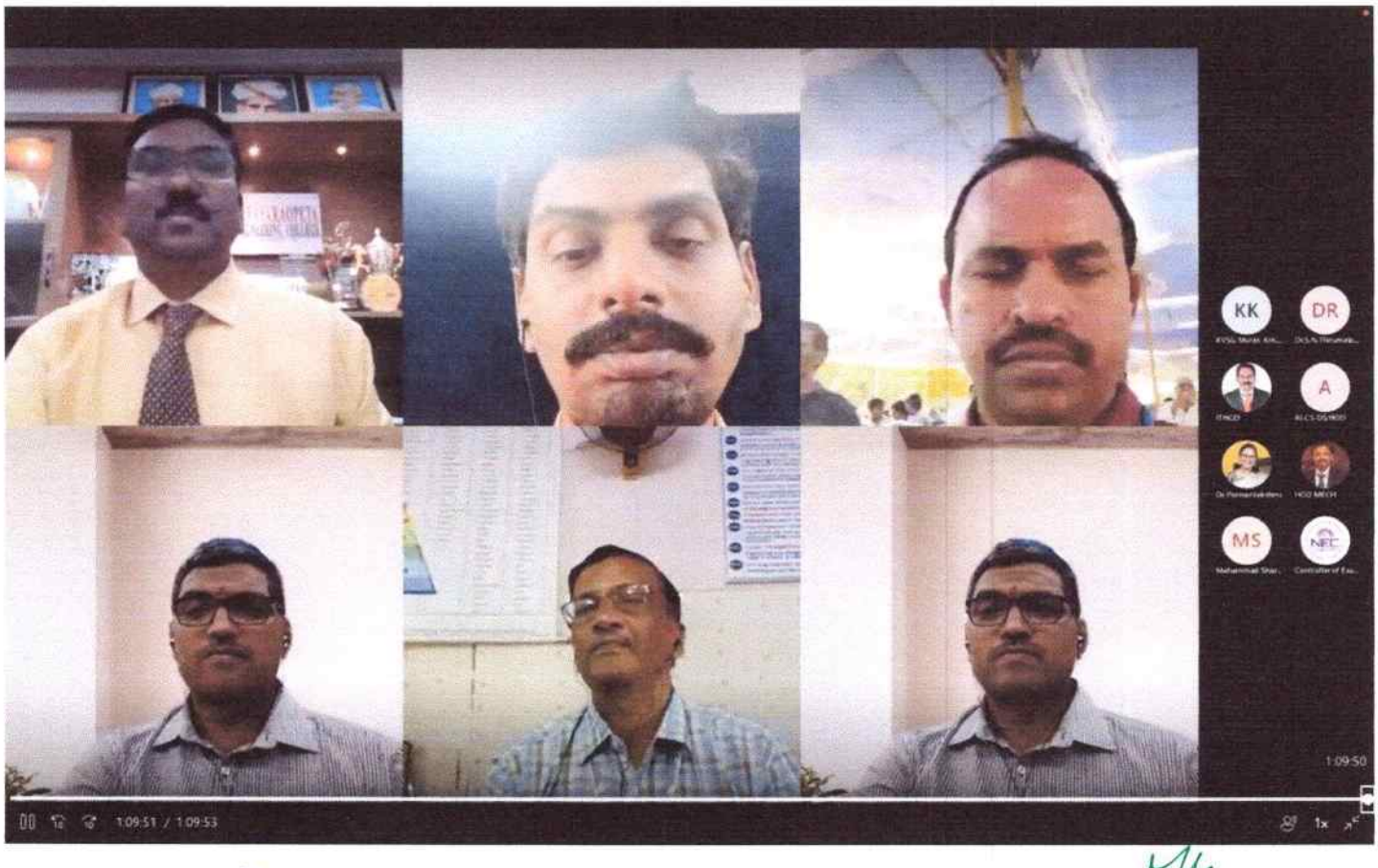
Photos



Glimses of Quantum Computing for Machine Learning and Deep Learning



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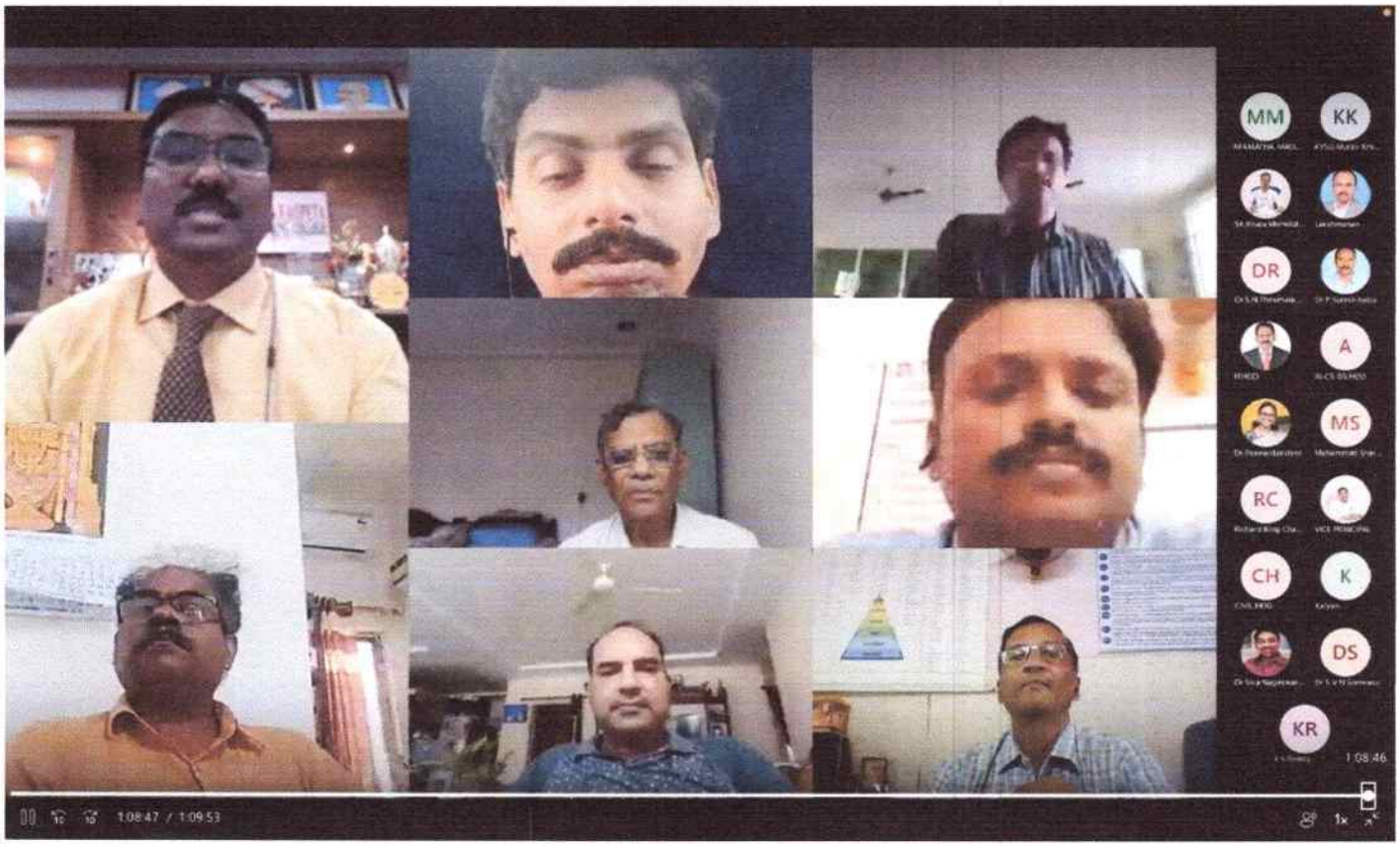



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Certificate

This is to Certify that Mr./Ms. Dr.S.N Tirumala Rao

has participated a five day virtual faculty development programme

QUANTUM COMPUTING FOR MACHINE LEARNING AND DEEP LEARNING

from 02-08-2021 to 06-08-2021 Organized by Department of Computer Science and Engineering.

Dr. S.V.N. Srinivasu	Dr.S.N.Tirumala Rao	Dr. M. Sreenivasa Kumar
Co-Ordinator	HOD-CSE	Principal

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Co-Ordinator

Dr.S.N.Tirumala Rao
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This is to Certify that Mr./Ms. M.Ramakrishna Reddy

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

Website: http://www.nrtec.in

DEPARTMENT OF CIVIL ENGINEERING

Date : 25-06-2021

CIRCULAR

Department of Civil Engineering is organizing A Virtual International Conference on **"EMERGING TRENDS IN CIVIL ENGINEERING", NEC-ICETCE-2K21** on **06/08/2021 & 07/08/2021** for civil faculty. Request all the faculty members to attend.

Program Convenor:	Dr.P.Naga Sowjanya (Head, Dept. of Civil)	(8897170424)
Program Co-Convenors:	Dr.G.Babu Rao, Assoc Professor	(9885812796)
	Mr.S.Murali, Asst Professor	(8374694569)
	Mr.K.Prathap, Asst Professor	(9247143439)
	Mr.S.V.Sivaraju, Asst Professor	(9703488123)
	Mr.K.Meghanadh, Asst Professor	(9550552735)

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

About NEC

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 thrice by NBA. NEC is announced as 'AUTONOMOUS' in the year 2018. 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 Seven courses at B.Tech level in the branches EEE, CSE, CSE-AI, IT, 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 QE 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 Guntur 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 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

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

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Principal, NEC

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

Convenor

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

Co-Conveners

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Mr. S.Murali, Assistant Professor
Mr. K.Prathap, Assistant Professor
Mr. S.V.Sivaraju, Assistant Professor
Mr. K.Meghanadh, Assistant Professor
Mr. B.Shiva Manikanta, Assistant Professor

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Mr. M.N.S.Sambasivarao
Mr. L.Satishkumar
Mr. S.V.Sivaraju
Mr. D.Pradeep
Mr. N.M.Subhani

NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS) 23

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

INTERNATIONAL CONFERENCE ON

Emerging Trends in Civil Engineering

NEC-ICETCE-2K21

(VIRTUAL)

06th - 07th August, 2021

Organized By

Department of

CIVIL ENGINEERING

Narasaraopeta Engineering College (Autonomous)
Kotappakonda Road, Yellamanda (Post),
Narasaraopet – 522601, Guntur District, A.P.
Ph: 08647-239906, 8897170424, 8374694569
Fax No.: 08647-239902
E-Mail: necicetce2021@gmail.com
Website: http://www.nrtec.in

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Principal
NARASARAOPETA ENGINEERING COLLEGE
(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 2021)" on 06th and 07th August, 2021 at Narasaraopeta Engineering College(Autonomous) Andhra Pradesh, India. The NEC-ICETCE 2021 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
- PROJECTILES AND PROJECTILE STRUCTURES
- TRANSPORTATION ENGINEERING
- SURVEYING AND MAPPING
- WATER RESOURCES ENGINEERING
- GEOLOGY AND GEOPHYSICS
- 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: neciceice2021@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.Chitrini Mozumder,
Research Scientist, Asian Institute of Technology, Bangkok, Thailand

Dr.K.V.S.G.Murali Krishna,
Professor, Dept. of CE, JNTUK

Dr.T.V.S.Vara Lakshmi,
Asst. Prof, Dept. of CE, ANU Guntur

Dr. J.V.Gurumurthy,
Professor, Dept.of CE, GPREC Kurnool

Dr.K.Venkata Reddy,
Assoc. Professor, Dept of CE, NIT Warangal

Dr.S.Adisesha,
Professor, Dept.of CE, Andhra University

Dr.K.Sanjeev Kumar,
Assoc. Professor, Dept of CE, K L University, Vijayawada

Dr.P.Mallikarjuna,
Assoc. Professor, Dept. of CE, SV University, Tirupathi

Dr.G.Mallikarjuna Rao,
Assoc. Professor, Dept of CE, VCE, Hyderabad

IMPORTANT DATES

Paper Submission opens from	: 26th June, 2021
Paper Submisson closes on	: 22nd July, 2021
Acceptance Intimation	: 24th July, 2021
Camera Ready Paper, Copyright form Submission & Author Registration	: 29th July, 2021
Conference Dates	: 06th & 07th August, 2021

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, Guntur District, A.P.
INTERNATIONAL CONFERENCE ON
EMERGING TRENDS IN CIVIL ENGINEERING
NEC-ICETCE-2K21
(VIRTUAL)
06th - 07th August, 2021

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

NARASARAOPETA ENGINEERING COLLEGE

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Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada,
Accredited 'A' Grade by NAAC, Accredited by NBA

VIRTUAL INTERNATIONAL CONFERENCE ON

EMERGING TRENDS IN CIVIL ENGINEERING

NEC-ICETCE-2K21

06th & 07th August, 2021

Organized by Department of **Civil Engineering**

About the Conference

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- 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.K.V.S.G.Murali Krishna,
Professor, Dept.of CE, JNTUK
Dr.T.V.S.Vara Lakshmi,
Asst. Prof, Dept. of CE, ANU Guntur.
Dr. J.V.Gurumurthy,
Professor, Dept. of CE, GPREC Kurnool.
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Dr.K.Sanjeet Kumar,
Assoc. Professor, Dept of CE, K L University, Vijayawada
Dr.P.Mallikarjuna,
Assoc. Professor, Dept of CE, SV University, Tirupathi
Dr.G.Mallikarjuna Rao, Assoc. Professor, Dept of CE, VCE, Hyderabad

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

Registration & Account Details

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Research Scholars / 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

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

Contact Details

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

Co-Conveners:

Dr. G.Babu Rao	- 9885812796
Mr.S.Murali	- 8374694569
Mr. K.Prathap	- 9247143439
Mr.S.V.Sivaraju	- 9966601077
Mr. K.Meghanadh	- 9550552735
Mr.B.Shiva Manikanta	- 9441882822

Paper Submission through E-mail
necicetce2021@gmail.com

Organizing Committee

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Mr.G.L.S.K.Chaithanya	Mr.L.Satishkumar
Mr.K.Venkatesh	Mr.S.V.Sivaraju
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Schedule

NEC

Virtual International Conference on Emerging Trends in Civil Engineering (NEC-ICETCE-2K21)

06th & 07th August, 2021.

Organized by Department of Civil Engineering

Narasaraopeta Engineering College (AUTONOMOUS)

Narasaraopet, A.P, India.

Session-1

Session Chair: [illegible]

Session Internal Chair: Mr.K.V.Prathap, Assistant Professor

Session Co-ordinator: [illegible]

(Date: 06/08/2021 Time: 1:30 PM to 05:00PM)

Paper ID	Title of the Paper	Timing	Name of the Author & College	Phone Number
NEC-ICETCE-001	AN OVERVIEW ON CHALLENGES IN INVESTIGATION OF STRUCTURAL PERFORMANCE OF MASONRY HERITAGE BUILDINGS	01:30 to 01:45	Arti R.Velip	ARTI- 9850887710
NEC-ICETCE-004	EXPERIMENTAL STUDY ON MECHANICAL PROPERTIES OF CONCRETE BY PARTIAL REPLACEMENT OF CEMENT WITH SILICA FUME	01:45 to 02:00	Sandu Naresh	PRATHAP-9247143439
NEC-ICETCE-005	OPTIMUM STRENGTH EVALUATION OF M40 GRADE CONCRETE USING SILICA FUME AND COPPER SLAG	02:00 to 02:15	K Appala Naidu	Appala naidu-9603555655
NEC-ICETCE-023	COMPARITIVE STUDY ON SEISMIC EFFECT OF I SHAPED FRAME WITH SHEAR WALL & WITHOUT SHEAR WALL EFFECT AT DIFFERENT SEISMIC ZONES	02:15 to 02:30	N.Mahesh	PRATHAP-9247143439
NEC-ICETCE-007	STUDY ON SEISMIC EFFECT OF L SHAPED STRUCTURE WITH A COMBINATION OF GENERAL FRAME AND SHEAR WALL FRAME IN VARIOUS SEISMIC ZONES	02:30 to 02:45	P.Vinod	K.VENKATESH: 9505339011

Important Note: Due to the evolving public health concerns and travel advisories issued for avoidance of non-essential travel in view of COVID-19, the Conference NEC-ICETCE-2K21 is being conducted on line. The link for joining conference will be sent through e-mail or registered participants and s[illegible] WhatsApp Group

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06th & 07th August, 2021.

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-035	Seismicity Analysis of Nepal Himalayas and encompassing Regions	02:45 to 03:00	K ANIL KUMAR	K.ANIL KUMAR: 9505165951
NEC-ICETCE-011	PARTIAL REPLACEMENT OF COARSE AGGREGATE WITH COCONUT SHELLS IN M30 GRADE OF CONCRETE	03:00 to 03:15	Bezawada Praveen kumar	PRATHAP-9247143439
NEC-ICETCE-010	COMPARITIVE STUDY ON C-SHAPED FRAME AND V-SHAPED FRAME OF G+10 & G+15 MULTI STORIED BUILDINGS BY USING SHEAR WALL AT VARIOUES LOCATIONS FOR DIFFERENT SEISMIC ZONES	03:15 to 03:30	T.Srikanth	K.VENKATESH: 9505339011
NEC-ICETCE-013	A STUDY ON DETERIORATION OF FIBER REINFORCED CONCRETE INFLUENCED BY ACIDIC ATTACKS	03:30 to 03:45	Rajesh Akula,	PRATHAP-9247143439
NEC-ICETCE-024	COMPARITIVE STUDY ON SEISMIC EFFECT OF L SHAPED FRAME AND RECTANGULAR FRAME WITH A COMBINATION OF WITH SHEAR WALL AND WITHOUT SHEAR WALL EFFECT.	03:45 to 04:00	Thota Amareswar	K.VENKATESH: 9505339011
NEC-ICETCE-025	STUDY ON SEISMIC EFFET ON I SHAPED FRAME & L SHAPED FRAME IN VARIOUS SEISMIC ZONES	04:00 to 04:15	Dubisetty venkata pardha sai	K.VENKATESH: 9505339011

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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-026	COMPARITIVE STUDY ON SEISMIC EFFECT OF TWO DIFFERENT FRAMES WITH SHEAR WALL & WITH OUT SHEAR WALL IN VARIOUS SEISMIC ZONES	04:15 to 04:30	V.mahendra	K.VENKATESH: 9505339011
NEC-ICETCE-022	SELF-CURING CONCRETE BY PARTIAL ADDITION OF POLYETHYLENE GLYCOL AND STEEL FIBERS	04:30 TO 4:45	Shaik Abdul Mukthiya	PRATHAP-9247143439
NEC-ICETCE-012	PARTIAL REPLACEMENT OF CEMENT WITH RICE HUSK ASH AND GLASS POWDER.	04:45 to 05:00	Aparna Srivastav Kalapatapu,	PRATHAP-9247143439

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Virtual International Conference on Emerging Trends in Civil Engineering

(NEC-ICETCE-2K21)

06th & 07th August, 2021.

Organized by Department of Civil Engineering

Narasaraopeta Engineering College (AUTONOMOUS)

Session-2

Session Chair: [illegible]

Session Co-Chair: Mr.K.Meghanadh, Asst. Professor

Session Coordinator:- Mr .M.N.S.Samba Siva Rao

(Date:06/08/2021 Time: 01:30PM to 04:45PM)

Paper ID	Title of the Paper	Timing	Name of the Author & College	Phone Number
NEC-ICETCE-027	COMPARITIVE STUDY ON C-SHAPED FRAME AND I-SHAPED FRAME OF G+10 &G+15 MULTI STORIED BUILDING WITH SHEAR WALL FRAME & WITH OUT SHEAR WALL FRAME IN VARIOUS SEISMIC ZONES	01:30 to 01:45	T.Bharathi	L.SATISH KUMAR: 9701224500,7981363199
NEC-ICETCE-041	An Experimental study on Coconut Fibre Reinforced Concrete	01:45 to 02:00	O. Girish	D.PRADEEP: 9010326268
NEC-ICETCE-036	SEISMIC ANALYSIS OF INDUSTRIAL STRUCTURE USING BRACINGS AND DAMPERS	02:00 to 02:15	M.N.SUBHANI	N.M.SUBHANI: 9676011953
NEC-ICETCE-037	Investigation on Steel Fiber Composite Beam Using Fracture Mechanics Approach	02:15 to 02:30	M.N.SUBHANI	N.M.SUBHANI: 9676011953
NEC-ICETCE-038	EXPERIMENTAL STUDY ON SLAG BASED GEO-POLYMER CONCRETE	02:30 to 02:45	Muddana Surya Prasanth	SAMBASIVA RAO-9618370067
NEC-ICETCE-039	EXPERIMENTAL ANALYSIS ON UTILIZING PLASTIC WASTE ALONG WITH BITUMEN IN SURFACE COURSE OF FLEXIBLE PAVEMENT	02:45 To 03:00	A. PRANEETHA	D.PRADEEP: 9010326268

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Paper ID	Title of the Paper	Timing	Name of the Author & College	Phone Number
NEC-ICETCE-034	EXECUTION AND ASSESSMENT OF PRE ENGINEERED BUILDING USING ETABS SOFTWARE	03:00 TO 03:15	K Keerthana	HOD MAM: 8897170424
NEC-ICETCE-014	A COMPARATIVE STUDY ON STRENGTH AND DURABILITY OF COIR FIBRE AND SISAL FIBRE REINFORCED CONCRETE	03:15 to 03:30	G. Yogeswara Reddy	K.MEGHANADH: 9550552727
NEC-ICETCE-015	RESPONSE OF ROMAN CONCRETE ON STRUCTURAL BEHAVIOUR	03:30 to 03:45	Mahendrakar Heamanth kumar	SAMBASIVA RAO-9618370067
NEC-ICETCE-006	STUDY ON SEISMIC EFFECT OF L SHAPED FRAME WITH A COMBINATION OF GENERAL& DUAL FRAME IN DIFFERENT SEISMIC ZONES	03:45 to 04:00	gowthakatla velugondaiah	L.SATISH KUMAR: 9701224500
NEC-ICETCE-016	EXPERIMENTAL INVESTIGATION ON PARTIAL REPLACEMENT OF COARSE AGGREGATE AND FINE AGGREGATE WITH E-WASTE AND PLASTIC WASTE	04:00 to 04:15	P.Bhanu Sri	BHANU SRI :9398580645
NEC-ICETCE-020	EXPERIMENTAL BEHAVIOR OF BEAMS WITH AGGREGATE INTERLOCKING UNDER FLEXURE	04:15 TO 04:30	Nuthalapati Srikanth	S. Murali 8374694569
NEC-ICETCE-019	EFFECT OF BACTERIA ON PERFORMANCE OF CONCRETE/MORTAR: A REVIEW	04:30 TO 04:45	Nuthalapati Srikanth	S. Murali 8374694569

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Narasaraopeta Engineering College (AUTONOMOUS)

Narasaraopet, A.P, India.

Session-3

Session Chair: Dr.Y.Sudhir Kumar, Assoc.Professor, Cr. MEPS College of Engg.

Session internal Chair: Dr.G.Babu Rao, Assoc.Professor

Session Coordinator:- Mr.S.V.Siva Raju, Asst.Professor

(Date: 07/08/2021 Time: 10:00 AM to 01:00NOON)

Paper ID	Title of the Paper	Timing	Name of the Author & College	Phone Number
NEC-ICETCE-003	ESTIMATION OF GROUNDWATER RESOURCES IN ERRVAGU SUB-BASIN	09:30 to 09:45	P. Sai Kiran	BABU RAO - 9885812796
NEC-ICETCE-028	COMPARITIVE STUDY OF GROUND WATER QUALITY BETWEEN INDUSTRIAL AND AGRICULTURAL AREAS OF GUNTUR DISTRICT	09:45 to 10:00	K.H.V.N. TRINADH	BABU RAO - 9885812796
NEC-ICETCE-029	ANAYSIS OF REGIONAL DROUGHT CHARACTERISTICS IN NAGULUPPALAPADU	10:00 to 10:15	M NS Sambasiva Rao	SAMBASIVA RAO- 9618370067
NEC-ICETCE-002	Soil Structure Interaction Analysis of Buildings Subjected to Dynamic Loadings	10:15 to 10:30	Shruti Ramesh Veli	SHRUTHI VELIP- 7798810425
NEC-ICETCE-008	Compaction and Strength Properties of Stabilized Soil due of Delay Time	10:30 to 10:45	B Siva Manikanta Kumar	B Siva Manikanta Kumar 9441882822
NEC-ICETCE-009	Stabilizing of Black cotton soils using Fibers and alkali activated rice husk ash	10:45 to 11:00	Sarikoda Siva Raju	SIVA RAJU : 9703488123

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Paper ID	Title of the Paper	Timing	Name of the Author & College	Phone Number
NEC-ICETCE-017	Stability Analysis Of Embankments By Using Geo Slope Software	11:00 to 11:15	V.Ajay Kumar	V.Ajay Kumar 8074088287
NEC-ICETCE-032	Stability analysis of fly ash stabilized soil slope	11:15 to 11:30	Tholeti Venkata Satya Aditya	Tholeti Venkata Satya Aditya 8309782326
NEC-ICETCE-030	Economic and work management monitoring for residential construction: a case study	11:30 to 11:45	S.MURALI KRISHNA	S.MURALI KRISHNA 8374694569
NEC-ICETCE-021	PLANNING, ANALYSIS & CONSTRUCTION CONTROLLING OF G+5 BUILDING BY USING PRIMAVERA	11:45 TO 12:00	Mr. S. V. SIVA RAJU	S. V. SIVA RAJU 9703488123
NEC-ICETCE-031	Analysis of Land Use/ Land Cover Changes Using Remote sensing and GIS of Guntur city, Andhra Pradesh	12:00 TO 12:15	Ch. Manasa Reddy	CH.MANASA: 8367536348
NEC-ICETCE-033	Vehicle Manoeuvre Characteristics on Undivided Roads in Nellore City (Penna Bridge)	12:15 TO 12:30	A. Lakshmi Kavya	HOD MAM: 8897170424
NEC-ICETCE-018	AN EXPERIMENTAL STUDY ON PARTIAL REPLACEMENT OF FINE AGGREGATE WITH MARBLE DUST IN CONCRETE	12:30to 12:45	L. Satish Kumar	L.SATISH KUMAR: 9701224500
NEC-ICETCE-040	ANALYSIS AND DESIGN OF OVERHEAD CIRCULAR WATER TANK FOR THE PREDICTED WATER DEMAND IN NARASARAOPETA TOWN	12:45 TO 01:00	PRADEEP	D.PRADEEP 9010326268

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Attendance Sheet

PAPER ID	TITLE OF PAPERS PRESENTED	PARTICIPANTS / AUTHORS
NEC-ICETCE-001	AN OVERVIEW ON CHALLENGES IN INVESTIGATION OF STRUCTURAL PERFORMANCE OF MASONRY HERITAGE BUILDINGS	Arti R.Velip , Nisha P. Naik, Yeshwant V Prabhu Chodnekar
NEC-ICETCE-002	SOIL STRUCTURE INTERACTION ANALYSIS OF BUILDINGS SUBJECTED TO DYNAMIC LOADINGS	Shruti Ramesh Velip, Nisha P. Naik
NEC-ICETCE-003	ESTIMATION OF GROUNDWATER RESOURCES IN ERRVAGU SUB-BASIN	Babu Rao Gudipudi, P. Sai Kiran
NEC-ICETCE-004	EXPERIMENTAL STUDY ON MECHANICAL PROPERTIES OF CONCRETE BY PARTIAL REPLACEMENT OF CEMENT WITH SILICA FUME	Sandu Naresh [1], K.V.Pratap [2]
NEC-ICETCE-005	OPTIMUM STRENGTH EVALUATION OF M40 GRADE CONCRETE USING SILICA FUME AND COPPER SLAG	1 K Appala Naidu Assistant Professor 2 K Manoharini Assistant Professor 3 P Lavanya Assistant Professor 4. B Ramya Assistant Professor
NEC-ICETCE-006	STUDY ON SEISMIC EFFECT OF L SHAPED FRAME WITH A COMBINATION OF GENERAL& DUAL FRAME IN DIFFERENT SEISMIC ZONES	Gowthakatla Velugondaiah 2nd L.Satish Kumar
NEC-ICETCE-007	STUDY ON SEISMIC EFFECT OF L SHAPED STRUCTURE WITH A COMBINATION OF GENERAL FRAME AND SHEAR WALL FRAME IN VARIOUS SEISMIC ZONES	P.Vinod, K.Venkatesh
NEC-ICETCE-008	COMPACTION AND STRENGTH PROPERTIES OF STABILIZED SOIL DUE OF DELAY TIME	B Siva Manikanta Kumar,S V Siva Raju K.Anil Kumar
NEC-ICETCE-009	STABILIZING OF BLACK COTTON SOILS USING FIBERS AND ALKALI ACTIVATED RICE HUSK ASH	Sarikoda Siva Raju 1, Bondada Siva Manikanta Kumar 2, K.Anil Kumar3
NEC-ICETCE-010	COMPARITIVE STUDY ON C-SHAPED FRAME AND V-SHAPED FRAME OF G+10 & G+15 MULTI STORIED BUILDINGS BY USING SHEAR WALL AT VARIOUES LOCATIONS FOR DIFFERENT SEISMIC ZONES	T.Srikanth 2nd K.Venkatesh
NEC-ICETCE-011	PARTIAL REPLACEMENT OF COARSE AGGREGATE WITH COCONUT SHELLS IN M30 GRADE OF CONCRETE	Bezawada Praveen Kumar 1, K.V.Pratap
NEC-ICETCE-012	PARTIAL REPLACEMENT OF CEMENT WITH RICE HUSK ASH AND GLASS POWDER.	Aparna Srivastav Kalapatapu,
NEC-ICETCE-013	A STUDY ON DETERIORATION OF FIBER REINFORCED CONCRETE INFLUENCED BY ACIDIC ATTACKS.	1st Rajesh Akula,
NEC-ICETCE-014	A COMPARATIVE STUDY ON STRENGTH AND DURABILITY OF COIR FIBRE AND SISAL FIBRE REINFORCED CONCRETE	G. Yogeswara Reddy 1 , K. Meghanadh 2
NEC-ICETCE-015	RESPONSE OF ROMAN CONCRETE ON STRUCTURAL BEHAVIOUR	Mahendrakar Heamanth Kumar,Muddana Surya Prasanth, Chadalawada Chandrasekhar
NEC-ICETCE-016	EXPERIMENTAL INVESTIGATION ON PARTIAL REPLACEMENT OF COARSE AGGREGATE AND FINE AGGREGATE WITH E-WASTE AND PLASTIC WASTE	P.Bhanu Sri 1 , T. Aswitha
NEC-ICETCE-017	STABILITY ANALYSIS OF EMBANKMENTS BY USING GEO SLOPE SOFTWARE	V.Ajay Kumar, B Siva Manikanta Kumar
NEC-ICETCE-018	AN EXPERIMENTAL STUDY ON PARTIAL REPLACEMENT OF FINE AGGREGATE WITH MARBLE DUST IN CONCRETE	L. Satish Kumar , M.N.S.Sambasiva Rao

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NEC-ICETCE-019	EFFECT OF BACTERIA ON PERFORMANCE OF CONCRETE/MORTAR: A REVIEW	Nuthalapati Srikanth 1 , Surabattuni Mura
NEC-ICETCE-020	EXPERIMENTAL BEHAVIOR OF BEAMS WITH AGGREGATE INTERLOCKING UNDER FLEXURE	Surabattuni Murali, Nuthalapati Srikanth
NEC-ICETCE-021	PLANNING, ANALYSIS & CONSTRUCTION CONTROLLING OF G+5 BUILDING BY USING PRIMAVERA	Mr. S. V. Siva Raju1, Sk. Nagur Basha2, S Mohammad Abubakr3, G. Venkata Ramakrishna4, P. Gopi5.
NEC-ICETCE-022	SELF-CURING CONCRETE BY PARTIAL ADDITION OF POLYETHYLENE GLYCOL AND STEEL FIBERS	Shaik Abdul Mukthiyar [1], K.V.Pratap [2]
NEC-ICETCE-023	COMPARITIVE STUDY ON SEISMIC EFFECT OF I SHAPED FRAME WITH SHEAR WALL & WITHOUT SHEAR WALL EFFECT AT DIFFERENT SEISMIC ZONES	[1] N.Mahesh2nd K.V.Pratap[2]
NEC-ICETCE-024	COMPARITIVE STUDY ON SEISMIC EFFECT OF L SHAPED FRAME AND RECTANGULAR FRAME WITH A COMBINATION OF WITH SHEAR WALL AND WITHOUT SHEAR WALL EFFECT.	1 Thota Amareswar 2nd K.Venkatesh
NEC-ICETCE-025	STUDY ON SEISMIC EFFET ON I SHAPED FRAME & L SHAPED FRAME IN VARIOUS SEISMIC ZONES	[1] Dubisetty Venkata Pardha Sai 2nd K.Venkate.
NEC-ICETCE-026	COMPARITIVE STUDY ON SEISMIC EFFECT OF TWO DIFFERENT FRAMES WITH SHEAR WALL & WITH OUT SHEAR WALL IN VARIOUS SEISMIC ZONES	1 V.Mahendra2nd K.V.Pratap,K.Venkates
NEC-ICETCE-027	COMPARITIVE STUDY ON C-SHAPED FRAME AND I-SHAPED FRAME OF G+10 &G+15 MULTI STORIED BUILDING WITH SHEAR WALL FRAME & WITH OUT SHEAR WALL FRAME IN VARIOUS SEISMIC ZONES	[1] T.Bharathi 2nd L.Satish Kumar
NEC-ICETCE-028	COMPARITIVE STUDY OF GROUND WATER QUALITY BETWEEN INDUSTRIAL AND AGRICULTURAL AREAS OF GUNTUR DISTRICT	G. Babu Rao, .Anil Kumar, K.H.V.N. Trinadh And R. Bharath
NEC-ICETCE-029	ANAYSIS OF REGIONAL DROUGHT CHARACTERISTICS IN NAGULUPPALAPADU	M Ns Sambasiva Rao#, Muddana Surya Prasanth*, Kuruva Sekhar#
NEC-ICETCE-030	ECONOMIC AND WORK MANAGEMENT MONITORING FOR RESIDENTIAL CONSTRUCTION: A CASE STUDY	S.Murali Krishna
NEC-ICETCE-031	ANALYSIS OF LAND USE/ LAND COVER CHANGES USING REMOTE SENSING AND GIS OF GUNTUR CITY, ANDHRA PRADESH	Ch. Manasa Reddy#1
NEC-ICETCE-032	STABILITY ANALYSIS OF FLY ASH STABILIZED SOIL SLOPE	Tholeti Venkata Satya Aditya, Bommanapa Sampath Babu
NEC-ICETCE-033	VEHICLE MANOEUVRE CHARACTERISTICS ON UNDIVIDED ROADS IN NELLORE CITY (PENNA BRIDGE)	A. Lakshmi Kavya 1, P. Uma Sai Krishna
NEC-ICETCE-034	EXECUTION AND ASSESSMENT OF PRE ENGINEERED BUILDING USING ETABS SOFTWARE	K Keerthana1, P Suman2
NEC-ICETCE-035	SEISMICITY ANALYSIS OF NEPAL HIMALAYAS AND ENCOMPASSING REGIONS	K Anil Kumar A B Siva Manikanta Kum B S V Siva Raju C
NEC-ICETCE-036	SEISMIC ANALYSIS OF INDUSTRIAL STRUCTURE USING BRACINGS AND DAMPERS	M.N.Subhani

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NEC-ICETCE-037	INVESTIGATION ON STEEL FIBER COMPOSITE BEAM USING FRACTURE MECHANICS APPROACH	M.N.Subhani
NEC-ICETCE-038	EXPERIMENTAL STUDY ON SLAG BASED GEO-POLYMER CONCRETE	Muddana Surya Prasanth 1 And Polu Venkata Ramana2
NEC-ICETCE-039	EXPERIMENTAL ANALYSIS ON UTILIZING PLASTIC WASTE ALONG WITH BITUMEN IN SURFACE COURSE OF FLEXIBLE PAVEMENT	A. Praneetha , D. Pradeep
NEC-ICETCE-040	ANALYSIS AND DESIGN OF OVERHEAD CIRCULAR WATER TANK FOR THE PREDICTED WATER DEMAND IN NARASARAOPETA TOWN	M.Venkata Subbaiah1, K. Tirumala Gopi2, G. Jhansi Bhuvaneswari3, Vemavarapu Mangamma4.
NEC-ICETCE-041	AN EXPERIMENTAL STUDY ON COCONUT FIBRE REINFORCED CONCRETE	O. Girish, Haritha Malika, Sk. Salma Bhanu, G. Anil

SIGNATURE OF COORDINATOR

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Program Report

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Phone No. : 08647-239923, 9692464540, Fax No. : 08647-239902
Website: http://www.nrtec.in

Date: 09/08/2021

PROGRAMME REPORT

Name of the Programme : A Virtual International Conference on **"Emerging Trends In Civil Engineering", NEC-ICETCE-2K21**

Dates : 6th & 7th August 2021

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:

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

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Topics Covered:

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

Outcomes of the Programme:

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

No. of participants: 41

Coordinator

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Press Note & Coverage

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యన్. ఇ.సి లో

ఎమర్జింగ్ ట్రెండ్సే ఇన్ సివిల్ ఇంజనారింగ్ 2K21 పై జరిగిన అంతర్జాతియ సమావేశం.

స్థానిక నరసరావుపేట ఇంజనారింగ్ కళాశాల సివిల్ ఇంజనారింగ్ విభాగం వారి ఆధ్వర్యంలో "ఎమర్జింగ్ ట్రెండ్సే ఇన్ సివిల్ ఇంజనారింగ్ 2K21 పై అంతర్జాతియ సమావేశం ఆగష్టు 6 మరియు ఆగష్టు 7. 2021 తేదీల నందు నిర్వహించారని కళాశాల వైస్ చైర్మన్ శ్రీ మిట్టపల్లి చక్రవర్తి గారు ఒక ప్రకటనలో తెలియజేశారు.

ఈ కార్యక్రమానికి ముఖ్య అతిథులుగా డా॥ చిత్రిని మెజుందర్ ఆఫీలమేటడ్ ఫ్యాకల్టి. రిసెర్చ్ స్పెషలిస్టే. రిమెట్ సెన్సింగ్ అండ్ జి.ఐ.ఎస్. ఎసియన్ ఇనిస్టిట్యూట్ ఆఫ్ టెక్నాలజి దాయిలాండ్ పాల్గొని ఎమర్జింగ్ ట్రెండ్సే మీద మాట్లాడారు.

కళాశాల ప్రిన్సిపల్ డా॥ ఎమ్. శ్రీనివాస్ కుమార్ గారు మాట్లాడుతూ ప్రస్తుత కోవిడ్ దుష్ట్యా ఈ సమావేశంలో వర్ట్యువల్ విధానంలో నిర్వహించాము అని వివరించారు. అనంతరం సివిల్ విభాగాధిపతి డా॥ పి. నాగ సౌజన్య గారు మాట్లాడుతూ కార్యక్రమంలో సివిల్ విద్యార్థులు, అధ్యాపకులు చురుకుగా పాల్గొన్నారని మరియు సుమారు 50 కి పైగా పరిశోధన పత్రాలు సమర్పించారని, ఇవి పరిశోధనలకు ఎంతగానో ఉపయోగ-పడతామని అభినందించారు

ఈ కార్యక్రమానికి మెత్తం 100 మంది అధ్యాపకులు మరియు విద్యార్థులు పాల్గొన్నారని కో. ఆర్డినెటర్ ఎస్. మురళి క్రిష్ణా గారు తెలిపారు

ఈ కార్యక్రమంలో కళాశాల ప్రిన్సిపల్ డా॥ ఎమ్. శ్రీనివాస్ కుమార్ గారు, కళాశాల వైస్ ప్రిన్సిపల్ డా॥ సునాల్ గారు, సివిల్ ఇంజనారింగ్ విభాగాధిపతి డా॥ పి. నాగ సౌజన్య గారు వివిధ విభాగాధిపతులు, ఇతర కళాశాల అధ్యాపకులు మరియు విద్యార్థులు పాల్గొన్నారు

Ph.NO : 9705002002

S. Murali Krishna

Sowjanya 7/8/21

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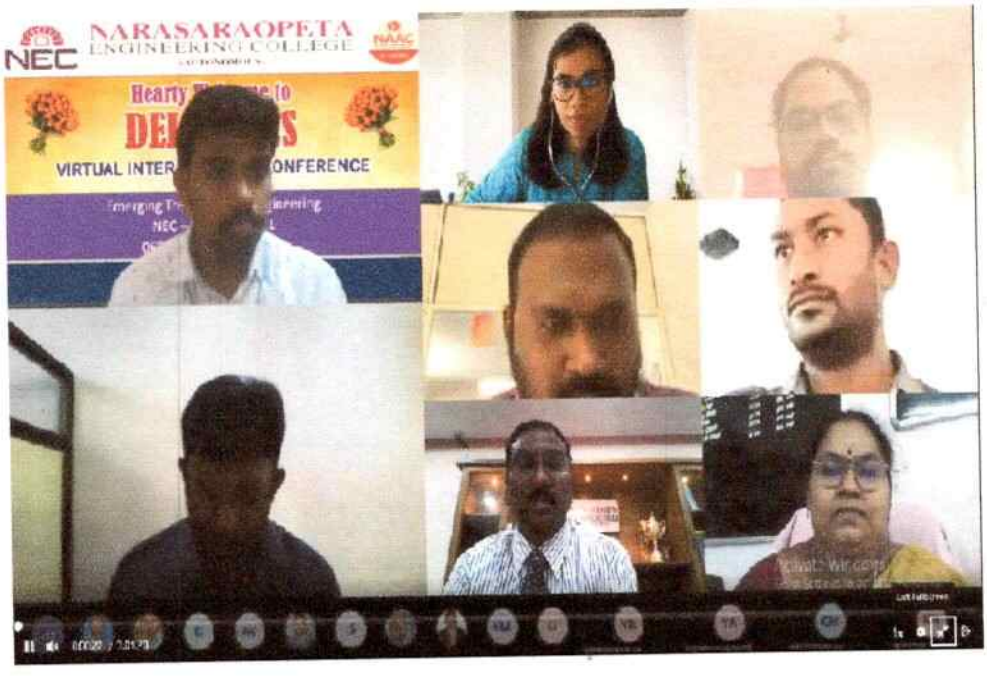

Chief Guest Along with Principal and Hod of Civil Department
Attending Virtual Conference



Programme Conveners and Participants Attending Virtual Conference Along with Chief Guest, Principal & Hod-Civil

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Virtual International Conference on

EMERGING TRENDS IN CIVIL ENGINEERING

NEC-ICETCE-2K21

06th & 07th August, 2021

Organized by Department of CIVIL ENGINEERING

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This is to Certify that Mr./Mrs./Ms./Dr.**Surabattuni murali, Assistant Professor-CE, NARASARAOPETA ENGINEERING COLLEGE** Presented / Participated a paper entitled EXPERIMENTAL BEHAVIOUR OF BEAMS WITH AGGREGATE INTERLOCKING UNDER FLEXTURE in the Virtual International Conference on Emerging Trends in Civil Engineering– 2K21 (NEC-ICETCE-2K21) held at Department of Civil Engineering, Narasaraopeta Engineering College, Narasaraopet during 06TH & 07th August, 2021.

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This is to Certify that Mr./Mrs./Ms./Dr.**SHAIK ABDUL MUKTHIYAR, 19471D8710, NARASARAOPETA ENGINEERING COLLEGE** Presented/ Participated a paper entitled SELF-CURING CONCRETE BY PARTIAL ADDITION OF POLYETHYLENE GLYCOL AND STEEL FIBERS in the Virtual International Conference on Emerging Trends in Civil Engineering– 2K21 (NEC-ICETCE-2K21) held at Department of Civil Engineering, Narasaraopeta Engineering College, Narasaraopet during 06TH & 07th August, 2021.

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We present this certificate of merit for outstanding presentation to Mr./Mrs./Ms./Dr. **MUDDANA SURYA PRASANTH** National institute of technology Tiricharupalli Presented/ Participated a paper entitled Experimental Study on Slag Based Geo-Polymer Concrete in the Virtual International Conference on Emerging Trends in Civil Engineering– 2K21 (NEC-ICETCE-2K21) held at Department of Civil Engineering, Narasaraopeta Engineering College, Narasaraopet during 06TH & 07th August, 2021.

Mr.S.Murali	Dr.G.Babu Rao	Dr.P.Naga Sowjanya	Dr. M. Sreenivasa Kumar
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Webinar
On
Woman Empowerment In Engineering

22nd September, 2021

by

Dr. Y. Padma Sai

(Chair,IEEE Women in Engineering, Hyderabad)

Dr. SVN Lalitha

(Chair,IEEE Guntur Sub- Sector)

Dr. A. Sharada

(Professor , Dept. of S&H, VFSTE, A.P)

Organized

by

Department of Electronics and Communication Engineering,

Narasaraopeta Engineering College,

Narasaraopet.

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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Date: 20-09-2021

Circular

This is to inform that Webinar On Woman Empowerment In Engineering" on 22.09.2021 at seminar hall. All the faculty members of ECE department are informed to attend the webinar.

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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Date: 22-09-2021

schedule

S.No	Time duration	Resource Person	Topics Covered
1	10.00am – 12.30 pm	Dr Y Padma Sai	Social and Political dimensions of the issue of Women Empowerment in India
			Social and Political dimensions of the issue of Women Empowerment in India
			Women Empowerment - the key to achieve Social & Economic growth of the country
			Social legislation, Government policies and enactments to achieve women empowerment
2	01.30 pm – 03.00pm	Dr SVN Lalitha	Attitude and biased perspective of society - a major hurdle in achieving women empowerment
			Role of Judiciary in Empowering Women in India
			Crimes against women- a blot on gender equality and women empowerment
3	03.15 pm- 04.45 pm	Dr A Saradha	Role of civic societies and NGOs in achieving women empowerment in India
			Challenges and hurdles the journey of women empowerment and suggested measures to overcome these hurdles
			International Women's Day - its relevance in the Indian Perspective

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Webinar On

Woman Empowerment In Engineering

22nd September, 2021

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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 College

Signature of the Applicant

Date :
Place :

Note: Send Registration forms to
ecehod@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 Programs, two PG courses of MCA, MBA and six courses at B. Tech level in the branches EEE,IT,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 APSSDC. Also the college has Indo-European skilling Centre for mechatronics and industrial robotics in collaboration with APSSDC and ARC (Applied Robot Control), Germany. The college has established Dassault Systems Lab (DSL)



Webinar On

Woman Empowerment In Engineering

22nd September, 2021

Organized by
Department of Electronics and Communication Engineering

NEC

NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS)
Kotappakonda Road, Yellamanda (P.O)
Narasaraopet – 522601, Guntur District, A.P.

Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada, Accredited 'A' Grade by NAAC, Accredited thrice by NBA,

Phone : 08647-239913
FAX : 08647-239913
E-Mail : **ecehod@nrtec.ac.in**

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

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 facultyThe 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 thrice by AICTE-NBA.The department is recognized as .Research Center by JNTUK, Kakinada. 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

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ABOUT THE WEBINAR:

The webinar with the theme and title " Woman Empowerment In Engineering is aimed at analyzing the progress achieved towards the Women Empowerment in particular & gender equality in general and also the road ahead in this regard apart from highlighting the challenges & hurdles and suggesting remedial measures in order to achieve women empowerment in Engineering.

OBJECTIVES OF THE SEMINAR:

The objectives of the seminar are as follows:-

- To analyse the progress achieved towards the goal of women empowerment in India. Women Empowerment in India
- Women Empowerment - the key to achieve Social & Economic growth of the country
- Social legislation, Government policies and enactments to achieve women empowerment
- Role of Judiciary in Empowering Women in India
- Crimes against women- a blot on gender equality and women empowerment
- Role of civic societies and NGOs in achieving women empowerment in India
- Challenges and hurdles in the journey of women empowerment and suggested measures to overcome these hurdles
- International Women's Day - its relevance in the Indian Perspective

RESOURCE PERSONS

Dr. Y. Padma Sai
Chair,IEEE Women in Engineering, Hyderabad

Dr. SVN Lalitha
Chair,IEEE Guntur Sub- Sector,

Dr. A. Sharada
Professor , Dept. of S&H, VFSTE, A.P.

CHIEF PATRONS:

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

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

Sri M.Ramesh Babu
Secretary, NEC Group.

PATRON:

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

CONVENER:

Dr. V.Venkata Rao
Professor & Head, Dept. of ECE

COORDINATOR:

Mrs. B. Suneetha
Assistant Professor, Dept. of ECE

ORGANIZING COMMITTEE:

P S S Chakravrty	Associate Professor
J.V.K Ratnam	Associate Professor
J.Narasimharao	Associate Professor

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ATTENDANCE SHEET

NARASARAOPETA ENGINEERING COLLEGE

NEC

(AUTONOMOUS)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Webinar On Woman Empowerment In Engineering

Date: 22-09-2021

S.No.	Name of the Participant	Signature
1.	Dr. Venkata Rao.	
2	N. Veda Kumar	
3	Dr. B. Sunutha	
4	Dr. K. Raju	
5	K. Srinivas Rao	
6	Dr. Y. Jaipal Reddy	
7	V. Naveen Raja	
8	Dr. J.V.K. Ratnam	
9	P.S.J. Chakravarthy	
10	Dr. A.V. Nageswara Rao	
11	Dr. Amit Gupta	
12	A. Raveendra Babu	
13	P. Jayababu	
14	B.S. Nageswara Rao	
15	J. Narasimha Rao	
16	Dr. Sk. Ebraheem	
17	M.H.H. Sastri	
18	Sk. Md. Shareef	
19	Dr. Shaik. Bajidvali	
20	N. Srinivasa Rao	
21	D. Suresh	
22	T. Indira	
23	Ch. Adi Babu	
24	G. Rajavali	

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25	J Pallavi	J. [signature]
26	SK. M. Sharif	[signature]
27	SD. Areefa Begam	[signature]
28	T. shanti	Shanti
29	G. Lakshmi Narayana	G. Lakshmi
30	A. Venkata Siva	A. [signature]
31	D. Sai chandrika	D. Saichandrika
32	P. Vinuthna	[signature]
33	G. Bhavani	G. Bhavani
34	K. Lakshma Reddy.	K. Lakshma Reddy
35	A. Kanchana	A. Kanchana
36	D. Subbarao	D. Subba
37	Ch. Karthik	Ch. Karthik
38	E. Narendhra	R. [signature]
39	Dr. B. Raghavaiah	B. [signature]
40	Dr. R. Naraiah	R. [signature]
41	J. sravanthi	J. [signature]
42	Sk MD. Gouse	[signature]
43	N. Rajeev Reddy.	N. rajeev [signature]
44	G. Samuel joe victor	[signature]
45	K. Siva Kumari	K. [signature]
46	M. Suheel Raja.	[signature]
47	M. srinivas Rao	M. [signature]
48	N. Dasaradh.	N. [signature]
49	N. Narayana	N. [signature]
50	K. Siva Kumar	[signature]
51	SK. MD. UMAR	SK. [signature]
52	Dr. SK. sd. Basha	SK. [signature]
53	G. Samba Siva Rao	G. Samba Rao
54	Dr. K. Anjaneyulu	K. [signature]
55	B. Srinivasa Rao	[signature]
56	N. Sayedu Khasim	N. [signature]
57	K. sheela	K. [signature]

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58	SK. Karimulla. (EEE)	
59	M. Amulya Bhanu	M. Amulya Bhanu
60	SK. Asifa	SK. Asifa

HOD,ECE
HEAD OF THE DEPARTMENT
DEPT.OF ELECTRONICS AND COMMUNICATION ENGG.
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PROGRAM REPORT

NARASARAOPETA ENGINEERING COLLEGE
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Date: 23-09-2021

Report of Webinar on Webinar On Woman Empowerment In Engineering

Name of Program	Webinar On Woman Empowerment In Engineering
Audience	Faculty Members
Schedule	22-09-2021
Resource Person	Dr Y Padma Sai, Chair IEEE Women Engineering Chair, Hyderabad Section
Contact Information	Padmasai_y@ieee.org 040-23042758
Total attended	60
Venue	ECE Seminar Hall

On 22-09-2021 the department of Electronics and Communication Engineering of NEC had organized "Webinar On Woman Empowerment In Engineering" Dr Y Padma Sai from IEEE Women Engineering chair, Hyderabad section acted as the resource person.

This Programme Covered:

- Social and Political dimensions of the issue of Women Empowerment in India
- Social and Political dimensions of the issue of Women Empowerment in India
- Women Empowerment - the key to achieve Social & Economic growth of the country
- Social legislation, Government policies and enactments to achieve women empowerment
- Attitude and biased perspective of society - a major hurdle in achieving women empowerment
- Role of Judiciary in Empowering Women in India
- Crimes against women- a blot on gender equality and women empowerment
- Role of civic societies and NGOs in achieving women empowerment in India

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- Challenges and hurdles the journey of women empowerment and suggested measures to overcome these hurdles
- International Women's Day - its relevance in the Indian Perspective

At the end of the day program concluded with feedback from students and vote of thanks by Coordinator.

Few Glimpses for the Event:



ECE Department Inaugurated IEEE Women in Engineering Affinity Group NEC Student Branch Virtually with distinguished Guests from IEEE Hyderabad and Guntur sections On 22 September 2021

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PRESS NOTE & COVERAGE

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ఎన్.ఇ.సి లో ప్రమోషన్ ఎంప్లాయీమెంట్ ఇన్ ఇంజనీరింగ్ పై వెబినార్.

స్థానిక పరిశ్రమలపుచేరం ఇంజనీరింగ్ విద్యార్థులు లో ఎంప్లాయిబిలిటీ స్కిల్స్ పెంపొందించే లక్ష్యంతో ఈ వెబినార్ ఏర్పాటు చేయడం జరిగింది. ఈ వెబినార్ లో ముఖ్య అతిథులుగా ఎస్ ఆర్ ఎం యూనివర్సిటీ ఆంధ్రప్రదేశ్ నుండి డా॥ కె. వెంకటేశ్వరరావు, ప్రొఫెసర్, మెకానికల్ ఇంజనీరింగ్ విభాగం, వి.ఆర్.ఎస్ & వై.ఆర్.ఎస్ ఇంజనీరింగ్ కళాశాల, ఎడిటోరియల్ బోర్డు సభ్యులు ఐ.ఎస్.టి.ఇ. న్యూఢిల్లీ, డా॥ వి. సాంబయ్య, ప్రొఫెసర్, మెకానికల్ ఇంజనీరింగ్ విభాగం, ఎన్.ఇ.సి నరసరావుపేట గారు విచ్చేసి ప్రసంగించారు. ఈ వెబినార్ లో ప్రధానంగా ఇండస్ట్రీ ఎక్స్పర్ట్స్ ప్రమోషన్ ఎంప్లాయీమెంట్ ఇన్ ఇంజనీరింగ్ పై విద్యార్థులకు అవగాహన కల్పించారు. ఈ కార్యక్రమంలో ఇంజనీరింగ్ విద్యార్థులు ఎదుర్కొంటున్న సమస్యలు, ఉద్యోగ అవకాశాలు, ఉద్యోగ నైపుణ్యాలు, ఉద్యోగ ఇంటర్వ్యూలు ఎదుర్కొనే విధానం మొదలగు అంశాలపై విద్యార్థులకు అవగాహన కల్పించారు.

ఈ కార్యక్రమంలో ఎన్.ఇ.సి ప్రిన్సిపాల్ డా॥ కె. వెంకటరావు గారు మాట్లాడుతూ ప్రమోషన్ ఎంప్లాయీమెంట్ ఇన్ ఇంజనీరింగ్ పై విద్యార్థులకు అవగాహన కల్పించడం ఎంతో ప్రయోజనకరమని, విద్యార్థులకు ఈ వెబినార్ ఎంతో ఉపయోగపడుతుందని అభిప్రాయపడ్డారు.

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PHOTOS

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(AUTONOMOUS)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



ECE Department Inaugurated IEEE Women in Engineering Affinity Group NEC Student Branch Virtually with distinguished Guests from IEEE Hyderabad and Guntur sections On 22 September 2021

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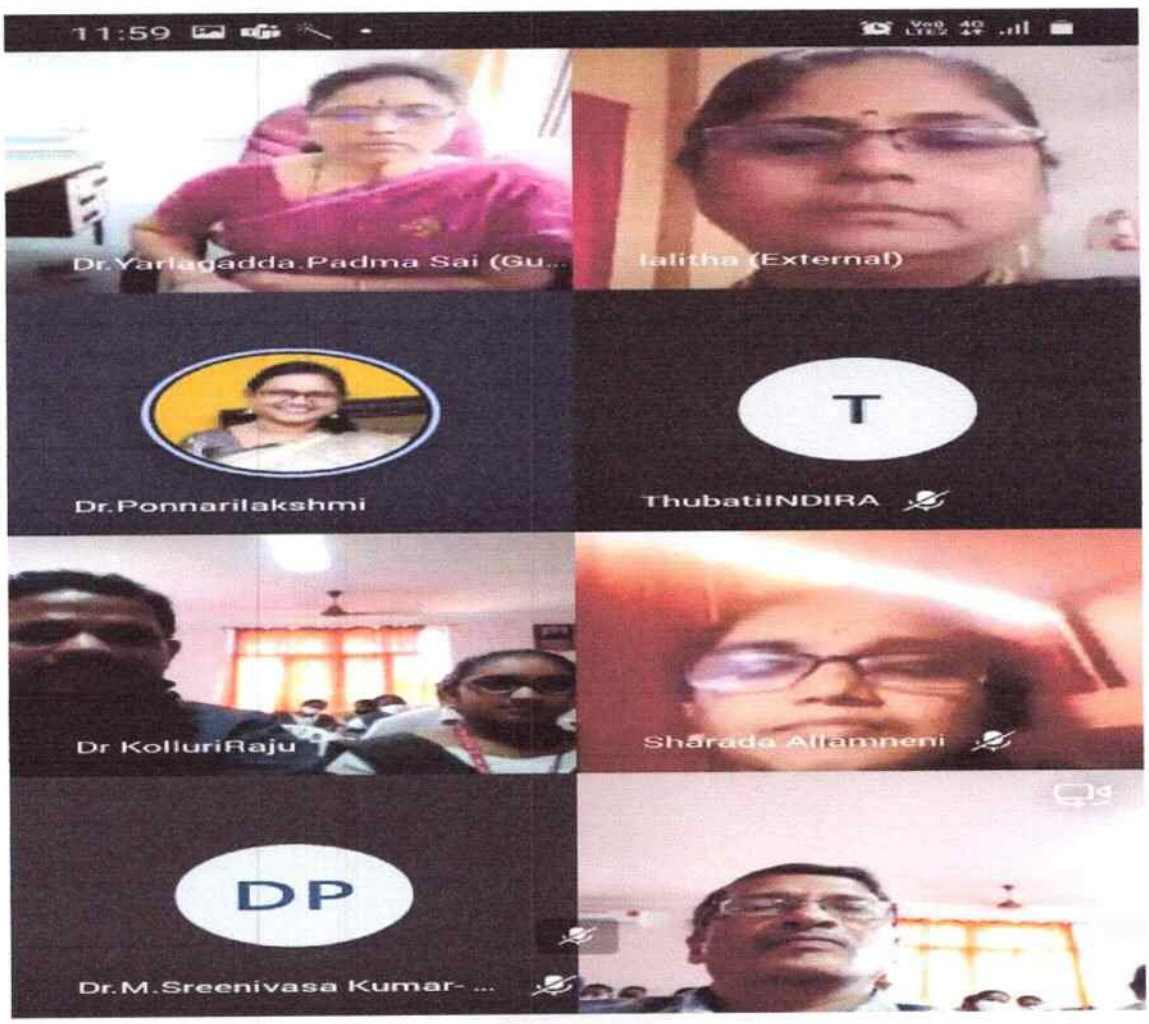

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SAMPLE CERTIFICATES

NEC NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)

EXCELLENCE 23 YEARS ESTD 1998

CERTIFICATE OF PARTICIPATION

This is to certify that Mr.B Srinivasa Rao has participated a Webinar On "Woman Empowerment In Engineering" organized by Department of Electronics and Communication Engineering, Narasaraopeta Engineering College, Narasaraopet , dated 29th September 2021

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Dr. V. Venkata Rao
HOD-ECE

Dr. M. Sreenivasa Kumar
PRINCIPAL

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(AUTONOMOUS)

EXCELLENCE 23 YEARS ESTD 1998

CERTIFICATE OF PARTICIPATION

This is to certify that Mr.CH.Adi Babu has participated a Webinar On "Woman Empowerment In Engineering" organized by Department of Electronics and Communication Engineering, Narasaraopeta Engineering College, Narasaraopet , dated 29th September 2021

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Dr. V. Venkata Rao
HOD-ECE

Dr. M. Sreenivasa Kumar
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Webinar on
"IPR & Its Role in Research and Innovation"

CIRCULAR

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

DEPARTMENT OF MECHANICAL ENGINEERING

Dr. B. VENKATASIVA, M. Tech, Ph. D, FIE (I), MISTE, ISNT
Professor& HEAD

Date: 20-09-2021

CIRCULAR

Department of Mechanical Engineering (in association with IQAC&IIC) is conducting Webinar on **IPR & IT'S ROLE IN RESEARCH AND INNOVATION** on **24-09-2021** at 3:30 PM through Microsoft teams. The resource person is Mr. Anna Eswara Kumar, Patent Analyst, IIT-Hyderabad. Interested faculty, Research scholars and PG students can attend. E-Certificate will be provided to all participants. The meeting link will be shared on 24-09-2021 at 10:00 AM.

HOD-ME

(Dr. B. VENKATASIVA)

Copy to:
Principal
Vice Principal
All HOD's

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NATIONAL BOARD OF ACCREDITATION

INSTITUTION'S INNOVATION COUNCIL

(Ministry of Education Initiative)

WEBINAR ON

IPR & IT'S ROLE IN RESEARCH AND INNOVATION

Resource Person



Mr.Anna Eswara Kumar

Patent Analyst

IIT- Hyderabad

Date: **24.09.2021**

Time: **03:30 PM to 05:00 PM**

Live Session Through:

Microsoft Teams

Conducted by

IQAC

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Organized by: Dept. of Mechanical Engineering

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SCHEDULE

WEBINAR ON:
IPR & IT'S ROLE IN RESEARCH AND INNOVATION

IQAC & IIC of NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS) and Department of Mechanical Engineering organizes a Webinar on: **IPR & IT'S ROLE IN RESEARCH AND INNOVATION**

Resource Person:

Mr. Anna Eswara Kunar

Patent Analyst

IIT - Hyderabad.

Date: 24th September, 2021

Time: 3:30PM to 5:00PM

Platform: Microsoft Teams

Meeting Link:

https://tinyurl.com/2w52a7mf

Feedback Link:

https://tinyurl.com/yzc6686f

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ATTENDANCE SHEET

Meeting Summary

Total Number of Participants 86
Meeting Title WEBINAR ON :: IPR & IT'S ROLE IN RESEARCH AND INNOVATION
Meeting Start Time 9/24/2021, 2:56:31 PM
Meeting End Time 9/24/2021, 5:43:20 PM
Meeting Id a719eef7-f088-4d8a-b8f4-d91b93646faa

S. No:	Full Name	Join Time	Leave Time	Duration	Email (userPrincipalName)	Role
1	VENKANNABABU	9/24/2021, 2:56:31 PM	9/24/2021, 5:43:20 PM	2h 46m	venkannababu.mendi@nrtec.email	Organizer
2	18471A0307	9/24/2021, 3:02:40 PM	9/24/2021, 3:03:27 PM	46s	18471A0307@nrtec.email	Presenter
3	vvenkatarao2k9tec	9/24/2021, 3:03:49 PM	9/24/2021, 5:38:34 PM	2h 34m	vvenkatarao2k9tec@nrtec.in	Presenter
4	pradeep davuluri	9/24/2021, 3:04:25 PM	9/24/2021, 5:28:48 PM	2h 24m		Presenter
5	A Eswara Kumar	9/24/2021, 3:16:51 PM	9/24/2021, 3:37:22 PM	20m 30s	eswarkumar217@kluniversity.in	Presenter
6	Dr. babu Rao Gudipudi	9/24/2021, 3:19:44 PM	9/24/2021, 3:19:59 PM	14s	gudipudi.br@nrtec.email	Presenter
7	P.Sravani	9/24/2021, 3:20:45 PM	9/24/2021, 5:38:55 PM	2h 18m	PSravani@nrtec.in	Presenter
8	Dr KolluriRaju	9/24/2021, 3:22:23 PM	9/24/2021, 3:23:24 PM	1m 1s	raju.kolluri@nrtec.in	Presenter
9	Dr.D.Jagadish	9/24/2021, 3:23:34 PM	9/24/2021, 5:39:04 PM	2h 15m	DrJagadish@nrtec.in	Presenter
10	B. Rajiv Kumar	9/24/2021, 3:26:36 PM	9/24/2021, 5:34:23 PM	2h 7m	Rajivkumar@nrtec.in	Presenter
11	SK. Nagul meeravali	9/24/2021, 3:26:40 PM	9/24/2021, 5:37:09 PM	2h 10m	Nagulmeeravali@nrtec.in	Presenter
12	Dr Venkata Siva (Guest)	9/24/2021, 3:26:46 PM	9/24/2021, 5:37:10 PM	2h 10m		Presenter
13	srinadh gade	9/24/2021, 3:27:49 PM	9/24/2021, 4:15:43 PM	47m 54s		Presenter
14	Mahammad Shareef	9/24/2021, 3:28:23 PM	9/24/2021, 5:43:20 PM	2h 14m	shareef702101@nrtec.email	Presenter
15	Dr S V N Srinivasu	9/24/2021, 3:29:03 PM	9/24/2021, 3:36:01 PM	6m 57s	drsvnsrinivasu@nrtec.in	Presenter
16	SHAIK MASTHANSHARIF	9/24/2021, 3:29:44 PM	9/24/2021, 5:41:50 PM	2h 12m		Presenter
17	P. S. S. Chakravarthy	9/24/2021, 3:30:09 PM	9/24/2021, 3:32:31 PM	2m 21s		Presenter
18	Lakshmanan	9/24/2021, 3:30:31 PM	9/24/2021, 3:39:14 PM	8m 42s	lakshmanan1802102@nrtec.email	Presenter
19	JANARDHANA RAO ALAPATI (Guest)	9/24/2021, 3:31:06 PM	9/24/2021, 4:54:48 PM	1h 23m		Presenter
20	VICE PRINCIPAL	9/24/2021, 3:32:11 PM	9/24/2021, 5:36:56 PM	2h 4m	viceprincipal@nrtec.in	Presenter
21	K JEYAVIGNES	9/24/2021, 3:32:13 PM	9/24/2021, 5:03:27 PM	1h 31m		Presenter
22	Y. Suresh	9/24/2021, 3:32:18 PM	9/24/2021, 3:43:01 PM	10m 43s	suresh20mba@nrtec.in	Presenter
23	Dr.Ponnarilakshmi	9/24/2021, 3:32:56 PM	9/24/2021, 5:22:02 PM	1h 49m	ponnik2002@nrtec.email	Presenter
24	sainadh	9/24/2021, 3:32:58 PM	9/24/2021, 5:43:20 PM	2h 10m	nadh926@nrtec.email	Presenter
25	DR. M SREENIVASA KUMAR	9/24/2021, 3:33:06 PM	9/24/2021, 3:36:02 PM	2m 56s	msking2030@nrtec.in	Presenter

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26	Dr.R.MohanaRamana	9/24/2021, 3:33:53 PM	9/24/2021, 5:43:20 PM	2h 9m	drmohanaramana@nrtec.in	Presenter
27	Dr.N.Giridhar	9/24/2021, 3:34:05 PM	9/24/2021, 3:38:39 PM	4m 33s	drgiridhar@nrtec.in	Presenter
28	CIVIL HOD	9/24/2021, 3:34:08 PM	9/24/2021, 5:29:09 PM	1h 55m	CIVILHOD@nrtec.in	Presenter
29	Dr.Babu Rao Gudipudi	9/24/2021, 3:34:36 PM	9/24/2021, 5:39:06 PM	2h 4m		Presenter
30	B.Praveenkumar	9/24/2021, 3:34:44 PM	9/24/2021, 3:52:48 PM	18m 4s	praveenkumar@nrtec.in	Presenter
31	Dr. S. Venkata Ramana	9/24/2021, 3:35:03 PM	9/24/2021, 3:36:14 PM	1m 10s	venkat@nrtec.in	Presenter
32	sk md gouse	9/24/2021, 3:35:06 PM	9/24/2021, 4:58:23 PM	1h 23m		Presenter
33	Dr.Shaik Mohiddin Shaw (Guest)	9/24/2021, 3:36:16 PM	9/24/2021, 5:37:42 PM	2h 1m		Presenter
34	RAVEENDRA BABU ANNEPAKA (Guest	9/24/2021, 3:36:37 PM	9/24/2021, 5:37:37 PM	2h		Presenter
35	S.S.CHAKRAVARTHYPIDUGU	9/24/2021, 3:36:49 PM	9/24/2021, 3:43:47 PM	6m 58s	chakripss@nrtec.in	Presenter
36	Sk. Kareem Basha	9/24/2021, 3:37:36 PM	9/24/2021, 4:06:21 PM	28m 45s	shaik.karembasha@nrtec.email	Presenter
37	Lakshmi Naga Jayaprada	9/24/2021, 3:38:31 PM	9/24/2021, 5:37:37 PM	1h 59m	gjayaprada74@NRTEC.EMAIL	Presenter
38	Naga Tirumala Rao Sighakolli	9/24/2021, 3:38:55 PM	9/24/2021, 5:07:25 PM	1h 28m	nagatirumalarao@nrtec.email	Presenter
39	Sarikonda Sivaraju	9/24/2021, 3:39:49 PM	9/24/2021, 4:48:54 PM	1h 9m	sivaraju1991@nrtec.email	Presenter
40	sekhar@nrtec.in	9/24/2021, 3:39:49 PM	9/24/2021, 3:45:07 PM	5m 18s		Presenter
41	subhani	9/24/2021, 3:39:52 PM	9/24/2021, 4:35:18 PM	55m 26s	subhani@nrtec.in	Presenter
42	M SRINIVASA RAO	9/24/2021, 3:40:07 PM	9/24/2021, 4:13:43 PM	33m 36s		Presenter
43	T Venkata Manohar	9/24/2021, 3:42:49 PM	9/24/2021, 4:07:27 PM	24m 37s		Presenter
44	Siva KumariKunchala	9/24/2021, 3:43:20 PM	9/24/2021, 3:47:32 PM	4m 12s	sivakumari.kunchala@nrtec.in	Presenter
45	Dr. S. Venkata Ramana (Guest)	9/24/2021, 3:43:42 PM	9/24/2021, 5:43:20 PM	1h 59m		Presenter
46	Dr. A V NAGESWARARAO (Guest)	9/24/2021, 3:44:25 PM	9/24/2021, 5:37:11 PM	1h 52m		Presenter
47	Dr.G. Syam Prasad	9/24/2021, 3:44:48 PM	9/24/2021, 5:43:20 PM	1h 58m	Syamprasad.gudapati@nrtec.in	Presenter
48	Dr P.Suresh babu	9/24/2021, 3:46:02 PM	9/24/2021, 3:47:19 PM	1m 17s	DrSureshbabu@nrtec.in	Presenter
49	Dr. Ch. Maheswari	9/24/2021, 3:46:46 PM	9/24/2021, 4:04:55 PM	18m 9s		Presenter
50	Asifa Shaik	9/24/2021, 3:47:06 PM	9/24/2021, 3:51:22 PM	4m 16s	shaikasifa335@nrtec.in	Presenter
51	A Aparna	9/24/2021, 3:47:54 PM	9/24/2021, 5:40:57 PM	1h 53m		Presenter
52	B.Rambabu	9/24/2021, 3:48:21 PM	9/24/2021, 4:03:49 PM	15m 28s	Rambabu@nrtec.in	Presenter
53	janakisravanthi	9/24/2021, 3:49:22 PM	9/24/2021, 5:43:20 PM	1h 53m	janakisravanthi@nrtec.in	Presenter
54	p. srinivasarao ME	9/24/2021, 3:49:28 PM	9/24/2021, 5:43:20 PM	1h 53m		Presenter

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PROGRAMME REPORT

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Phone : 08647-239905 Website:www.nrtec.in

Date:26-09-2021

PROGRAMME REPORT

Name of the Programme : Webinar on "IPR & Its Role in Research and Innovation"

Dates : 24-09-2021

Details of the Resource Persons :

Name	: Mr. Anna Eswara kumar
Designation	: Patent analysis
Organization	: IIT-Hyderabad
Phone No	: 0172-2759525
Mail.Id	: bsp@nitttrchd.ac.in.

Objective of the programme:

Inventions are the bedrock of innovation. An invention is a new solution to a technical problem and can be protected through patents. Patents protect the interest of inventors whose technologies are truly ground breaking and commercially successful, by ensuring that an inventor can control the commercial use of their invention.

The criteria that need to be satisfied to obtain a patent are set out in national IP laws and

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may differ from one country to another. But generally, to obtain a patent an inventor needs to demonstrate that their technology is new (novel), useful and not obvious to someone working in the related field. To do this, they are required to describe how their technology works and what it can do.

A patent can last up to 20 years, but the patent holder usually has to pay certain fees periodically throughout that 20-years period for the patent to remain valid. In practice, this means that id a technology has limited commercial value, the patent holder may decide to abandon the patent, at which point the technology falls into the public domain and may be freely used.

Topic Covered:

- What is intellectual property and IP offices
- Types of intellectual property Rights
- How to know in inventions patentable or not
- Inventions which are not patentable
- Ips involvement to protect total invention
- Prosecution time period for parent and fast track grant
- Mistakes done by researchers/ Academicians
- Role of IP in innovation

Outcome of the programme:

- Establish a common set of rules on intellectual property protection and enforcement consistent with Australia's existing intellectual property regime and requiring no changes to Australian intellectual property laws or policies.
- Promote effective, adequate and balanced protection and enforcement of IP rights.
- Require national treatment, subject to appropriate exceptions, ensuring that Australian rights owners receive the same treatment in Peru as Peru's nationals.
- Reinforce the centrality of TRIPS and WIPO intellectual property treaties.

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- Establish mechanisms to facilitate cooperation between Australia and Peru in relation to the protection and enforcement of intellectual property.
- Promote transparency of intellectual property systems, making it easier for traders to obtain information about existing rights.
- Include provisions on trade marks, geographical indications, patents, copyright and enforcement complementing Australia's existing international commitments.

No. of participants: 70

Coordinator **HOD**

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WEBINER ON: IPR &IT'S ROLE IN RESEARCH AND IN INNOVATION

Department of Mechanical Engineering (in association with IQAC&IIC) is conducted Webinar on IPR & IT'S ROLE IN RESEARCH AND INNOVATION on 24-09-2021 at 3:30 PM through Microsoft teams. The resource person is Mr. Anna Eswara Kumar, Patent Analyst, IIT-Hyderabad. Total 86 faculty members are participated in this webinar and E-Certificate is provided for all the participants.

TOPICS COVERED

- What is intellectual property and IP offices
- Types of intellectual Property Rights
- How to known inventions patentable or not (Patentability Criteria)
- Inventions which are not patentable
- Ips Involvement to protect total invention
- Prosecution time period for parents and fast track grant
- Mistakes done by researchers/Academicians
- Role of IP in innovative startups
- Intellectual Property Types: Patents, Designs, Trademarks, Copyrights, Geographical Indications, Trade secrets, Layout of Integrated Circuits, Plant Varieties/Plant patent

OUTCOMES OF THE PROGRAM:

The program went on well with learning about the application of patents and outcomes of the patents. The key learning was how to apply for patent involving procedures at patent office and also online follow-up. And faculty has got better insight on how to convert ideas into patents. Mr. Eswar has given better insight into the conversion of academic research work into patents. He also clearly explained the types of the patents and the loyalty to be received based on the type of invention. He also explained about the laws of copyrighting and loyalty corresponding to copy right law. The discussion went on well with how to document for a patent and the expenditure need to be spent for patenting. He has given few examples of patenting providing insight into national laws and also international laws. He clearly explained about intellectual property rights. This program has motivated all the teaching staff as well as other participants from industry towards applying for patents.

Program- Coordinator

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HOD-ME

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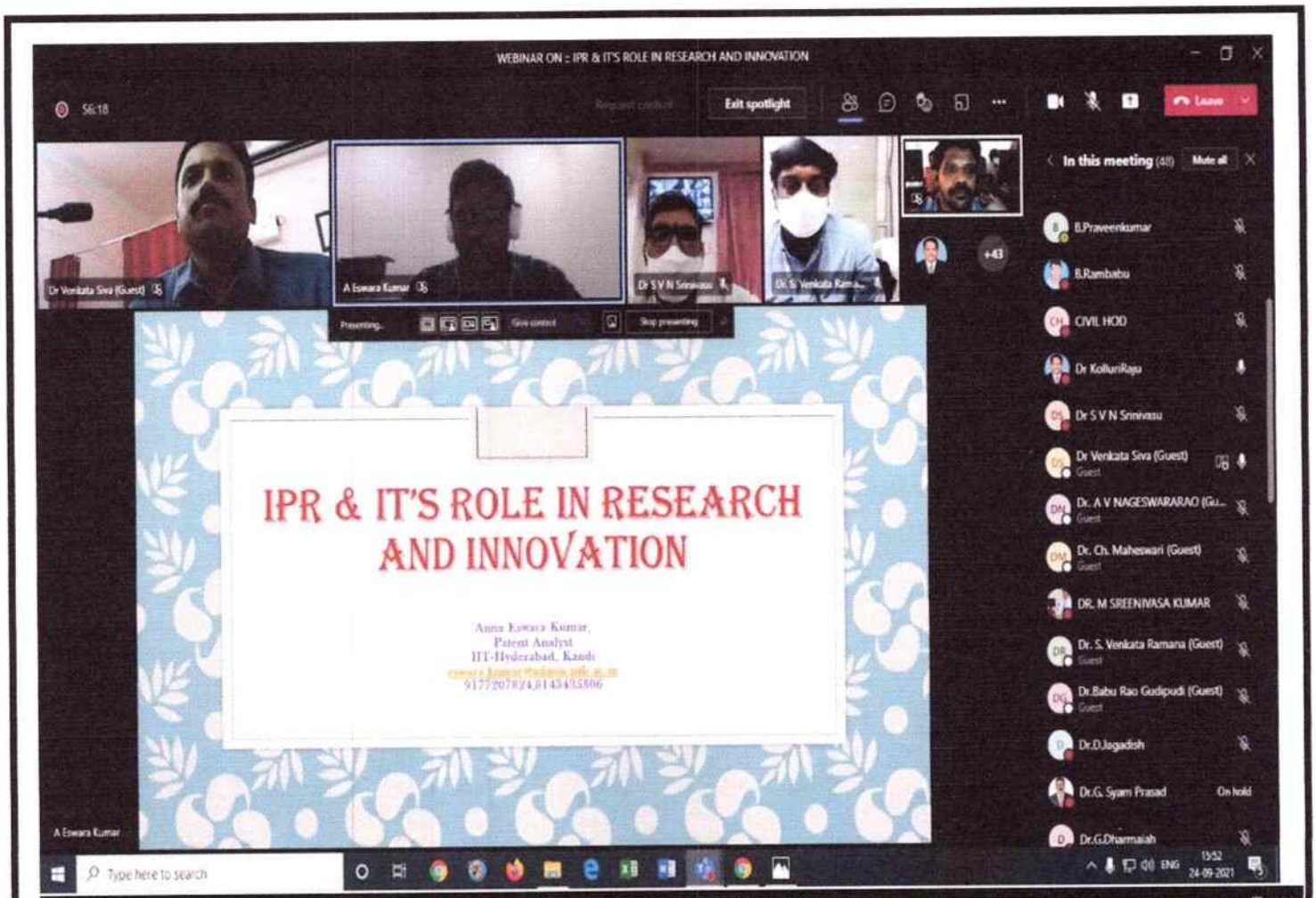
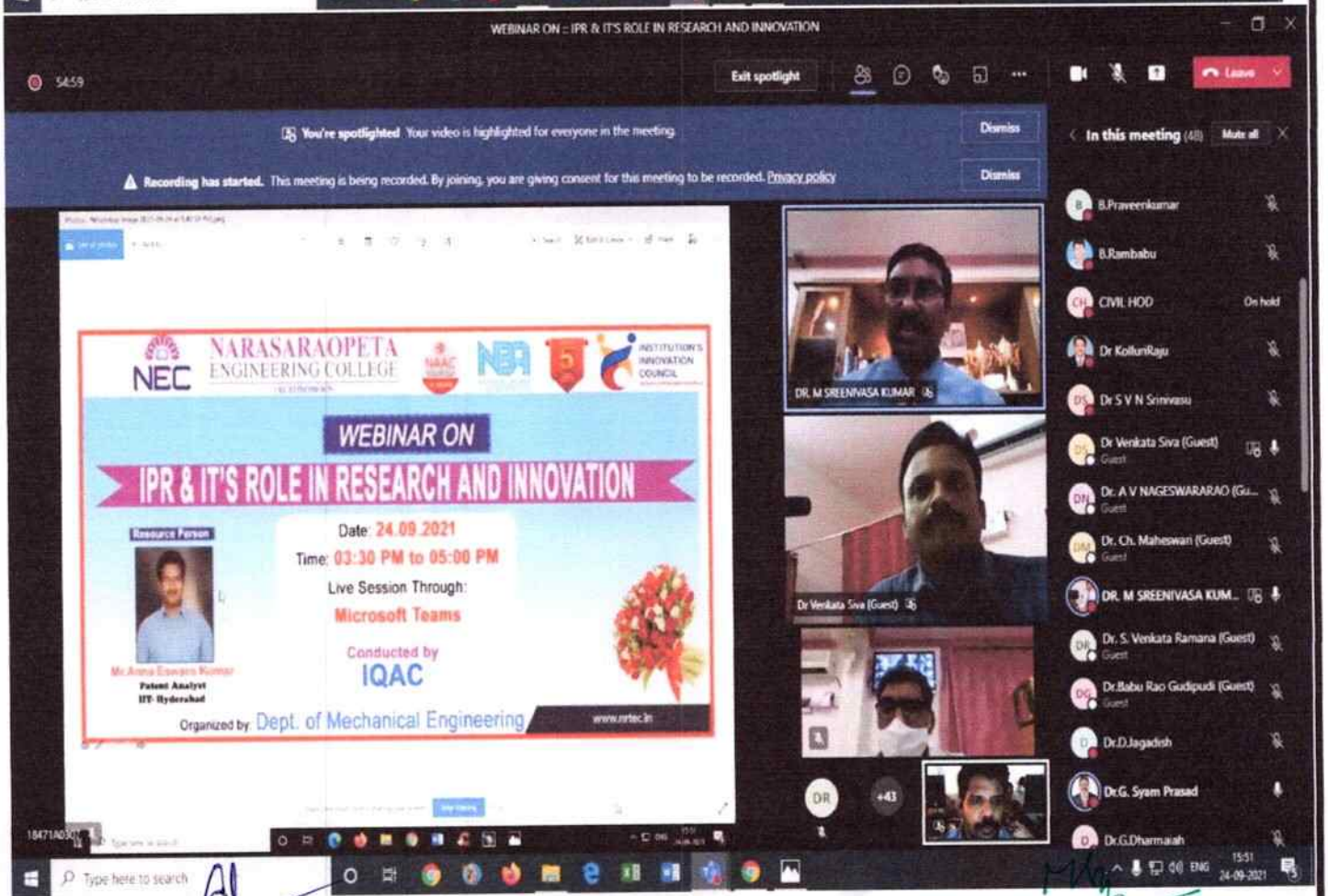
PHOTOS





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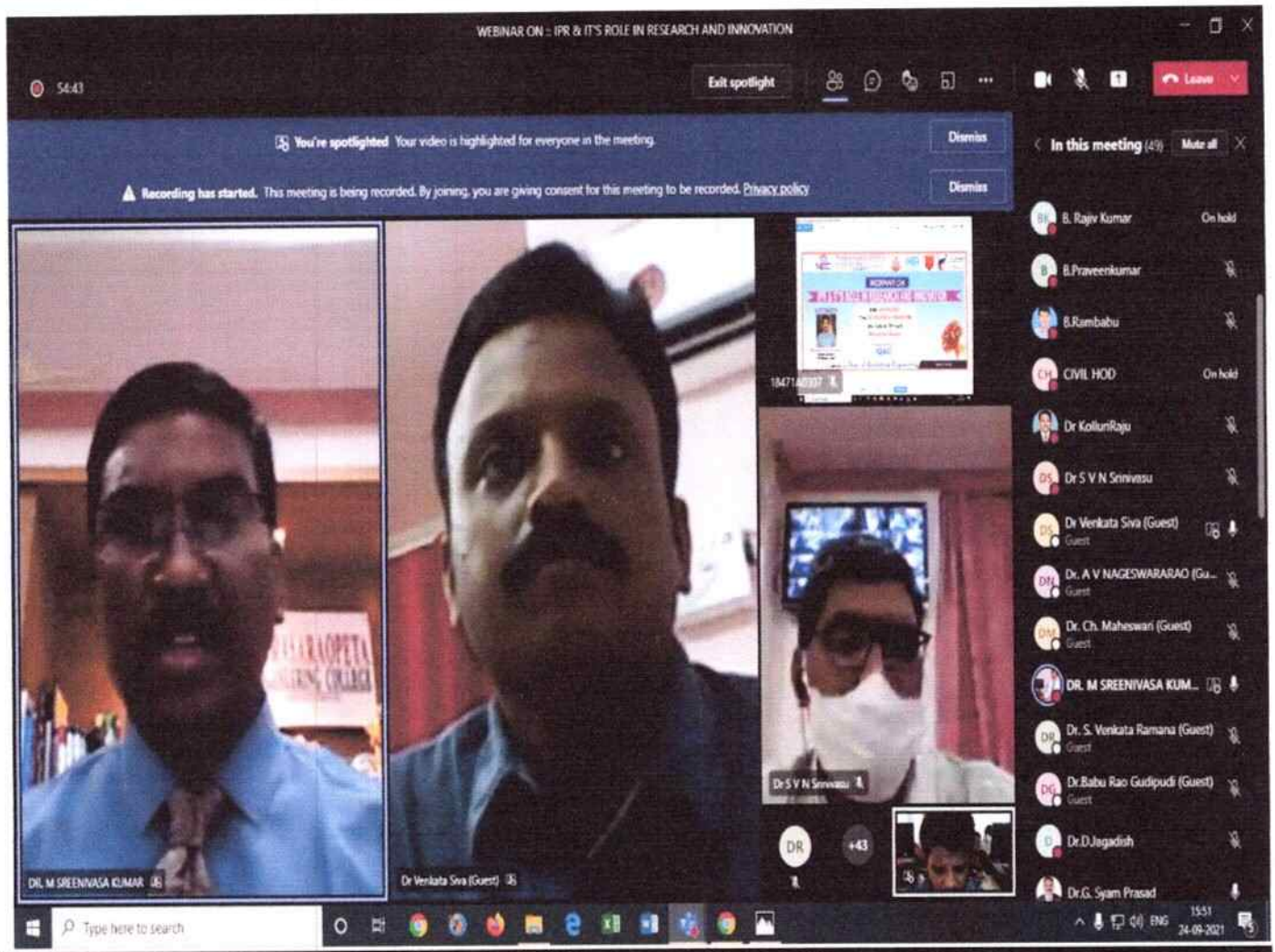

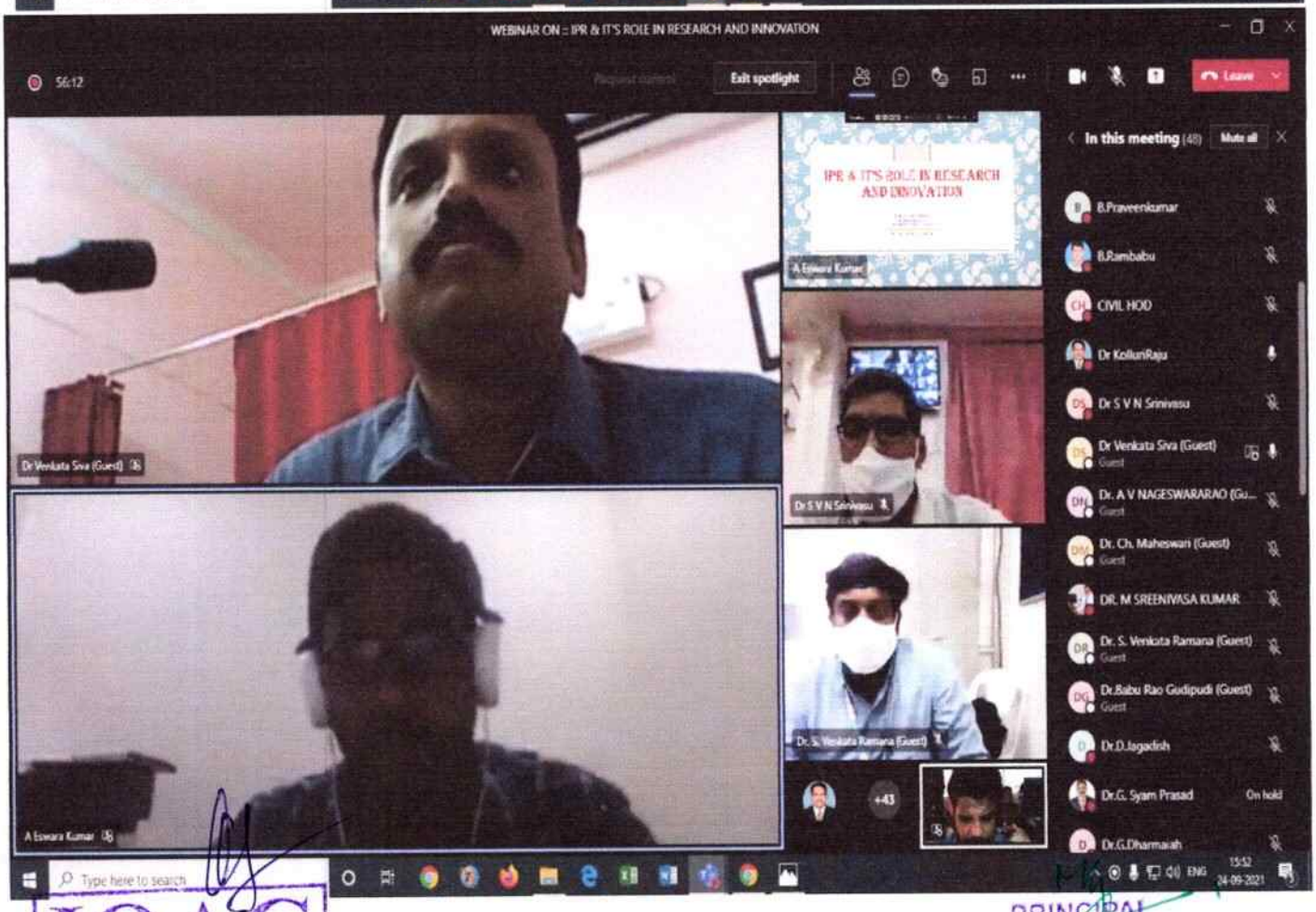

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PRESS NOTE & COVERAGE

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Press Note 27.09.2021

ఎన్. ఈ. సీ లో "పేటెంట్స్ మీద అవగాహనా సదస్సు"

స్థానిక నరసరావుపేట ఇంజనీరింగ్ కళాశాల మెకానికల్ ఇంజనీరింగ్ విభాగం ఆధ్వర్యంలో ఐఐటీ హైదరాబాద్ కి చెందిన ప్రముఖ పేటెంట్ అనలిస్ట్ ఏ.ఈశ్వర్ కుమార్ గారిచే పేటెంట్స్ కి సంభందించిన "ఐపీర్ అండ్ ఇట్స్ రోల్ ఇన్ రీసెర్చ్ అండ్ ఇన్నోవేషన్" అనే అంశం మీద ఆన్లైన్ ద్వారా అవగాహనా సదస్సు జరిగిందని, దీనికి ముమారుగా వివిధ శాఖలకు చెందిన వంద మంది వరకు అధ్యాపకులు హాజరయ్యారని మెకానికల్ విభాగాధిపతి డాక్టర్.బి.వేంకట శివ గారు తెలియజేశారు.

ఈ సందర్భంగా ఈశ్వర్ కుమార్ గారు వివిధ రకాలైన పేటెంట్స్ గురుంచి సోదోహరణంగా వివరించారు. క్రొత్తగా పేటెంట్ అప్లై చేయడానికి కావలసిన విధి విధానాలైన ఫైలింగ్ , పబ్లికేషన్, గ్రాంట్, పోస్ట్ గ్రాంట్ ల గురుంచి విపులంగా తెలియజేశారు. అలాగే పేటెంట్స్ మరియు పేపర్ పబ్లికేషన్స్ ల మధ్య ఉన్న తేడాలను విశదీకరించారు.

కళాశాల వైస్ పిన్సిపాల్ డాక్టర్ డి. సునీల్ గారు గారు మాట్లాడుతూ క్రొత్తగా పేటెంట్స్ అప్లై చేసుకోవాలనుకునే వారికీ ఈ సదస్సు ఎంతగానో ఉపయోగపడుతుందన్నారు.

కళాశాల పిన్సిపాల్ డాక్టర్ యమ్. శ్రీనివాస కుమార్ గారు మాట్లాడుతూ తమ కళాశాల అధ్యాపకులు ఇప్పటివరకు 25 పేటెంట్స్ ని సాధించారని, ఈ సదస్సు వలన ఇంకా మరెన్నో పేటెంట్స్ చేస్తారని ఆశిస్తున్నామన్నారు.

కళాశాల వైస్ చైర్మన్ శ్రీ మిట్టపల్లి చక్రవర్తి గారు మాట్లాడుతూ ఈ పేటెంట్స్ ని ఇన్స్టిట్యూషన్ మీద మరియు ఇండివిడ్యుఅల్ గా వేసేందుకు అయ్యే ఖర్చులని సెంట్రల్ గవర్నమెంట్ తగ్గించినదని తెలియజేశారు

కళాశాల సెక్రటరీ శ్రీ మిట్టపల్లి రమేష్ బాబు గారు మాట్లాడుతూ పేటెంట్స్ మీద అందరు దృష్టి పెట్టడం ద్వారా వారికీ మరియు కళాశాలకు మంచి పేరు వస్తుందని అన్నారు

కళాశాల చైర్మన్ శ్రీ మిట్టపల్లి వెంకట కోటేశ్వరరావు గారు ఈశ్వర్ కుమార్ గారిని, అధ్యాపకులను, కార్యక్రమ సమన్వయకర్త వెంకన్న బాబు గారిని మరియు నిర్వాహకులను అభినందించారు.

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Cell: 9692464540

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ఎన్‌ఈసీలో పేటెంట్స్‌పై అవగాహనా సదస్సు

నరసరావుపేట, సెప్టెంబర్ 27 (ప్రభ న్యూస్): స్థానిక నరసరావుపేట ఇంజనీరింగ్ కళాశాల మెకానికల్ విభాగం ఆధ్వర్యంలో హైదరాబాద్ ఐఐటికి చెందిన ప్రముఖ పేటెంట్ అనలిస్ట్ ఎ.ఈశ్వర్‌కుమార్‌చే పేటెంట్స్‌కు సంభంధించిన ఐసీర్ అండ్ ఇట్స్ రోల్ ఇన్ రీసెర్చ్ అండ్ ఇన్నోవేషన్ అనే అంశంపై అన్‌లైన్ ద్వారా అవగాహనా సదస్సు సోమవారం నిర్వహించినట్లు మెకానికల్ విభాగాధిపతి డాక్టర్ బి.వెంకటశివ తెలిపారు. ఈ సందర్భంగా ఈశ్వర్ కుమార్ వివిధ రకాలైన పేటెంట్స్ గురించి వివరించినట్లు తెలిపారు. కొత్తగా పేటెంట్స్ అప్లై చేయడానికి కావలసిన విధి విధానాలైన ఫైలింగ్, పబ్లికేషన్, గ్రాంట్, పోస్ట్‌గ్రాంట్‌ల గురించి విపులంగా తెలియజేశారు. వైస్ ప్రిన్సిపాల్ డాక్టర్ డి.సునీల్ మాట్లాడుతూ కొత్తగా పేటెంట్స్ అప్లై చేసుకొనే వారికి ఈ సదస్సు ఎంతగానో ఉపయోగపడుతుంద న్నారు. ఈ కార్యక్రమంలో ప్రిన్సిపాల్ డాక్టర్ యం.శ్రీనివాసకుమార్, వైస్ ఛైర్మన్ మిట్టపల్లి చక్రవర్తి, సెక్రటరి మిట్టపల్లి రమేష్‌బాబు తదితరులు పాల్గొన్నారు.

ఆంధ్రప్రభ Tue, 28 September 2021
https://epaper.prabhanews.com/c/63410740

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IPR & IT'S ROLE IN RESEARCH AND INNOVATION

Certificate of Participation

This is to certify that {{full name}} of {{other identifier}}, {{other identifier2}} has participated in online webinar on **"IPR & IT'S ROLE IN RESEARCH AND INNOVATION"** organized by **Department of Mechanical Engineering in Association with IQAC & IIC, NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS), Narasaraopet**, 24th September, 2021.

HOD-ME, IQAC Co-ordinator Dr. B.Venkata Siva	Patent Analyst, IIT-Hyd Mr. Anna Eswara Kumar	IIC Convenor Dr. S.V.N. Srinivasu	Principal, IQAC Chairperson Dr. M. Sreenivasa Kumar

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Dr. B.Venkata Siva	Mr. Anna Eswara Kumar	Dr. S.V.N. Srinivasu	Dr. M. Sreenivasa Kumar

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HOD-ME, IQAC Co-ordinator	Patent Analyst, IIT-Hyd	IIC Convenor	Principal, IQAC Chairperson
Dr. B.Venkata Siva	Mr. Anna Eswara Kumar	Dr. S.V.N. Srinivasu	Dr. M. Sreenivasa Kumar

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IIT Bombay's e-Yantra technical session
On
"Internet of Things (IoT)"

By

e-Yantra Team

On
01st october 2021

Organized by
Department of Electronics and Communication Engineering,
Narasaraopeta Engineering College,
Narasaraopet.

CIRCULAR

NARASARAOPETA ENGINEERING COLLEGE, NARASARAOPET
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Phone No.: 08647-239914, 9441127485, Fax No. : 08647-239902
E-mail: nrtec_ece@yahoo.com, Website: http://www.nrtenggcollege.com
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

30/09/2021

Circular

This is to inform that webinar on "IOT Technical Session-1 on IoT" by e-Yantra Team IIT Bombay on 01/10/2021 at Seminar Hall. All the faculty members of ECE department are informed to attend the Webinar without fail.

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SCHEDULE

Event Name: IIT Bombay's e-Yantra technical session on "Internet of Things (IoT)".

Event Details:

Event	IIT Bombay's e-Yantra invite all interested participants from our college to attend technical session on "Internet of Things (IoT)".
Event Description	Robo Club Promotes Technical Session on IoT: ○ History of IoT, and where it is headed ○ Possible IoT architectures ○ What are the available IoT providers ○ Use case discussion ○ Messaging Protocols
Online Platform	Zoom/WebEx
Date and Time:	01st october 2021, 11:00 AM to 01:00 PM
Coordinator	e-Yantra Team Email: support@e-yantra.org Contacts : 022 25764986, 022 25720184 Contact at NEC: Mr.Sk.Zuber Basha: 8790065755

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BROCHURE

Webinar On Iot Technical Session-1 On Iot, E-Yantra Team Iit Bombay

01st October, 2021

REGISTRATION FORM

Name:_____

Mobile No.:_____

College Name: _____

E-Mail:_____

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 Institute.

Signature of the Applicant

Date :
Place :

Note: Send Registration forms to
ecehod@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 Educa- tional 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, 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 APSSDC. Also the college has Indo-European skilling Centre for mechatronics and industrial robotics in collaboration with APSSDC and ARC (Applied Robot Control), Germany. The college has established Dassault Systems Lab (DSL)



Webinar On Iot Technical Session-1 On Iot, E-Yantra Team Iit Bombay

01st October, 2021

Organized by
Department of Electronics and Communication Engineering

NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS)
Kotappakonda Road, Yellamanda (P.O)
Narasaraopet – 522601, Guntur District, A.P.

Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada, Accredited 'A' Grade by NAAC, Accredited thrice by NBA,

Phone : 08647-239913
FAX : 08647-239913
E-Mail : **ecehod@nrtec.ac.in**

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Guntur (Dist.), A.P.

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 facultyThe 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 thrice by AICTE-NBA.The department is recognized as Research Center by JNTUK, Kakinada. 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

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OBJECTIVE OF PROGRAMME

This training programme is specially de-signed for Engineering College Students and it mainly deals with various aspects of Embedded Systems and embedded systems c programming language. The course aims to achieve the following objectives:

- To update the knowledge in the emerging and upcoming topics in the subject area.
- To make the students conversant with relevant practices in embedded systems.

The Programme will be designed around the following major topics:

SAKEC Robo Club Promotes
Technical Session on IoT:

- History of IoT, and where it is headed
- Possible IoT architectures
- What are the available IoT providers
- Use case discussion
- Messaging Protocols

RESOURCE PERSONS

E-yantra Team,IIt Bombay

TRAINING PROGRAM

The Training Programme has following 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.

CHIEF PATRONS:

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

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

Sri M.Ramesh Babu
Secretary, NEC Group.

PATRON:

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

CONVENER:

Dr. V.Venkata Rao
Professor & Head, Dept. of ECE

COORDINATOR:

Mr. Sk.Zuber basha
Assistant Professor, Dept. of ECE

ORGANIZING COMMITTEE:

P S S Chakravrty	Associate Professor
J.V.K Ratnam	Associate Professor
J.Narasimharao	Associate Professor

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ATTENDANCE SHEET

NARASARAOPETA ENGINEERING COLLEGE

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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Webinar On Iot Technical Session-1 On Iot, E-Yantra Team Iit Bombay

Date: 01-10-2021

S.No.	Name of the Participant	Signature
1.	Dr.V. Venkata Rao	
2	Dr. J.V.R. Ratnam	
3	J. Nara Simha Rao	
4	[illegible] Rao	
5	Dr. Shaik. Bajid Vali	
6	Dr. B. Suneetha	
7	Dr. Amit Gupta	
8	P. S. Chakravarthy	
9	Dr. A.V. Nageswara Rao	
10	A. Raveendra Babu	
11	Dr. Sk. Ebraheem	
12	V. Naveen Raj	
13	N. Srinivasa Rao	
14	B.S. Nageswara Rao	
15	M. [illegible] Sastry	
16	T. Indira	
17	P. Jayasree	
18	P. Vijaya [illegible]	
19	K. Srinivas Rao	
20	Sk. Md. Shareef	
21	Dr. Y. Jaya Reddy	
22	D. Suneel	
23	G. Samuel Joe Victor	
24	N. Veda Kumar	

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25	G. Ranjavali	
26	R. Siva Kumar	Siva
27	SD. Areefa Begum	
28	Ch. AdiBabu	
29	Sk. M. Shahid	
30	Sk. MD. Grouse	

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PROGRAM REPORT

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Ph: 08647-239903 & 08647-239902 (Fax) Visit us at : www.nrtec.in E-mail : principal@nrtec.in

Date: 02-10-2021

Report of Webinar on IOT -Technical Session

Name of Program	Webinar on IOT -Technical Session
Audience	Faculty Members
Schedule	01-10-2021
Resource Person	e-Yantra Team, IIT Bombay
Contact Information	nandk@chem.iitb.ac.in
Total attended	30
Venue	ECE Seminar Hall

On 01-10-2021 the department of Electronics and Communication Engineering of NEC had organized Webinar on "IOT -Technical Session". e-Yantra Team from IIT Bombay were acted as the resource person.

This Programme Covered:

1. IoT Network Design and Architecture. ...
2. IoT enabled Software Architectures and Middleware. ...
3. Mobile Cloud Services. ...
4. Data and Knowledge Management. ...
5. Context-awareness and Location-awareness. ...
6. Security, Privacy and Trust. ...
7. Software-defined Networking.

At the end of the day program concluded with feedback from students and vote of thanks by Coordinator.

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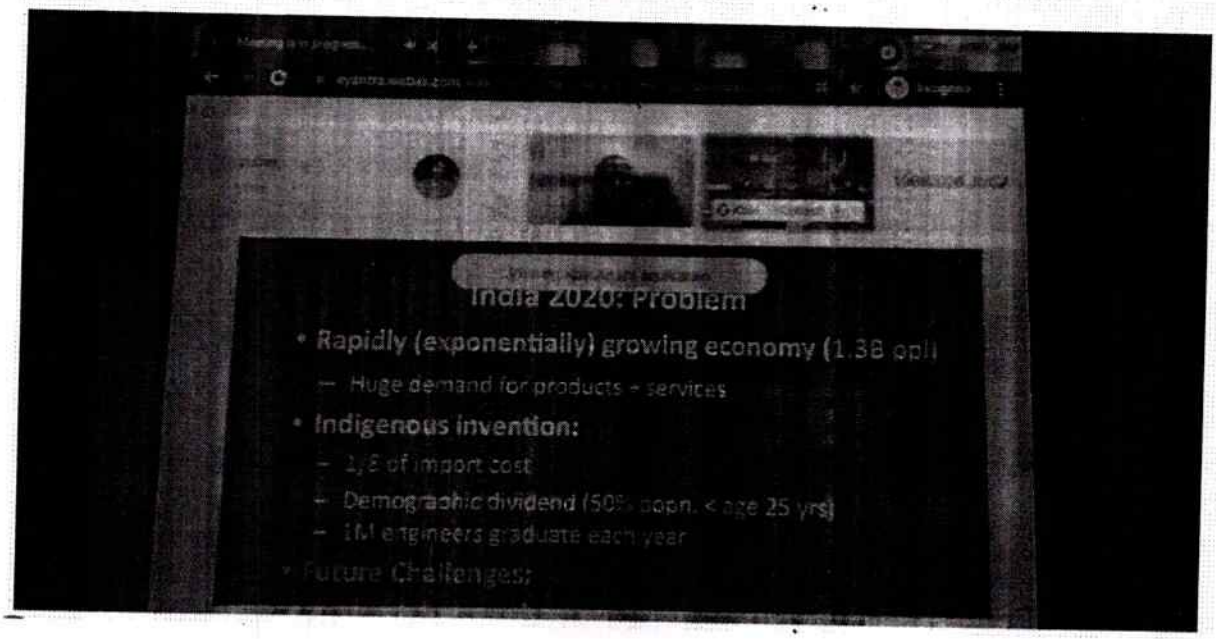
Few Glimpses for the Event:

Department of ECE organised a webinar on IOT by IIT Bombay e-Yantra Team on 01.10.2021.



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PRESS NOTE & COVERAGE

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ఎన్.ఐ.సి లో ఇంటర్నెట్ లాప్ టాప్స్ పై వెబినార్.

స్థానిక సమాచారంపై ఎంపికైన కార్యక్రమం. ఎలక్ట్రానిక్స్ అండ్ కమ్యూనికేషన్స్ విభాగం ఏర్పాటుచేసిన ఆన్లైన్ ద్వారా 9/10/2020 న ఇంటర్నెట్ లాప్ టాప్స్ అనే టెక్నికల్ సెషన్ జరిగినది.

ఈ వెబినార్ లో 2-అంశాలు ఫోకస్, ఇన్ఫర్మేషన్ బాండ్ వారు. ఆన్లైన్ లో ఇచ్చారు.

ఇవ్వటం జరిగింది.

2-అంశాల ప్రెసెంటర్లు ప్రస్తుతం పరిస్థితులలో ఇంటర్నెట్ లాప్ టాప్స్ యొక్క ఉపయోగాలు మరియు అప్లికేషన్లు మన దైనందిన జీవితంలో ఏవిధంగా ఉపయోగ పడుతాయో వివరించారు.

ఈ కార్యక్రమంలో వైస్ ప్రెసిడెంట్ శ్రీ వీరేష్ గారు చక్కటి సూచనలు మరియు ఉపన్యాసం, మెళకువలు నేర్పడానికి మరిన్ని చక్కటి కార్యక్రమాలను చేపట్టాలని కోరుతూ ఇ.సి.ఇ విభాగాధిపతి శ్రీ వి. వెంకట్రావు గారికి. మరియు ఇతర సిబ్బందికి అభినందించారు.

చివరగా ఇ.సి.ఇ. విభాగాధిపతి శ్రీ వెంకట్రావు గారు ఈ కార్యక్రమం మొత్తం నడిపించిన వారి అందరికీ కృతజ్ఞతలు తెలుపుతూ కార్యక్రమాన్ని ముగించారు.

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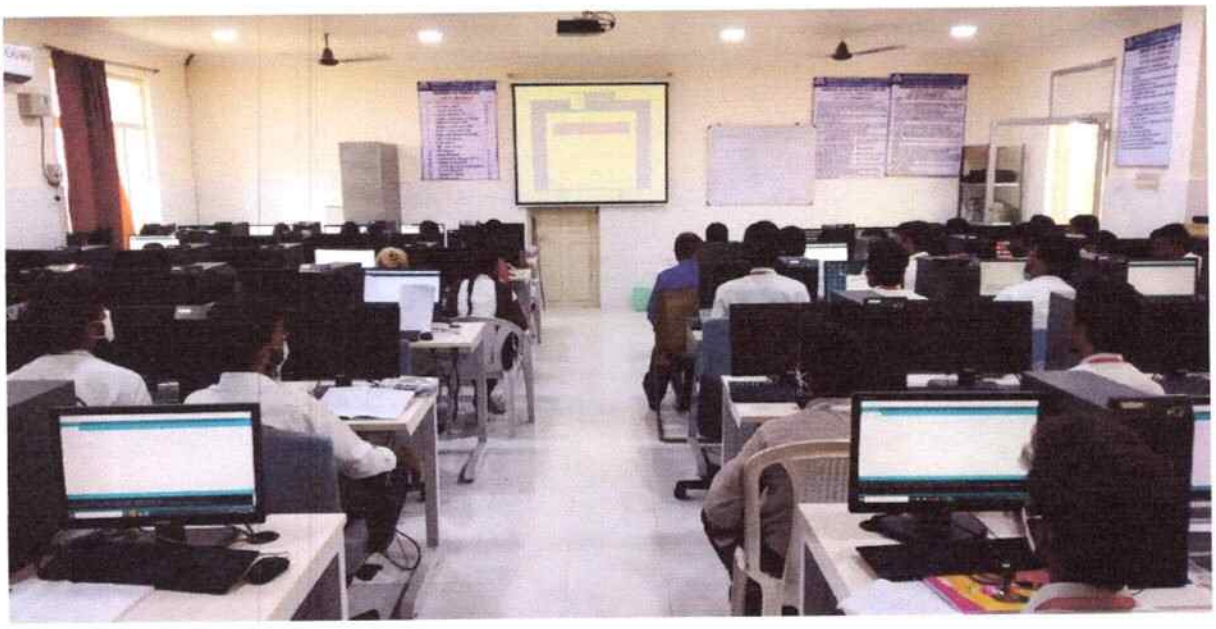
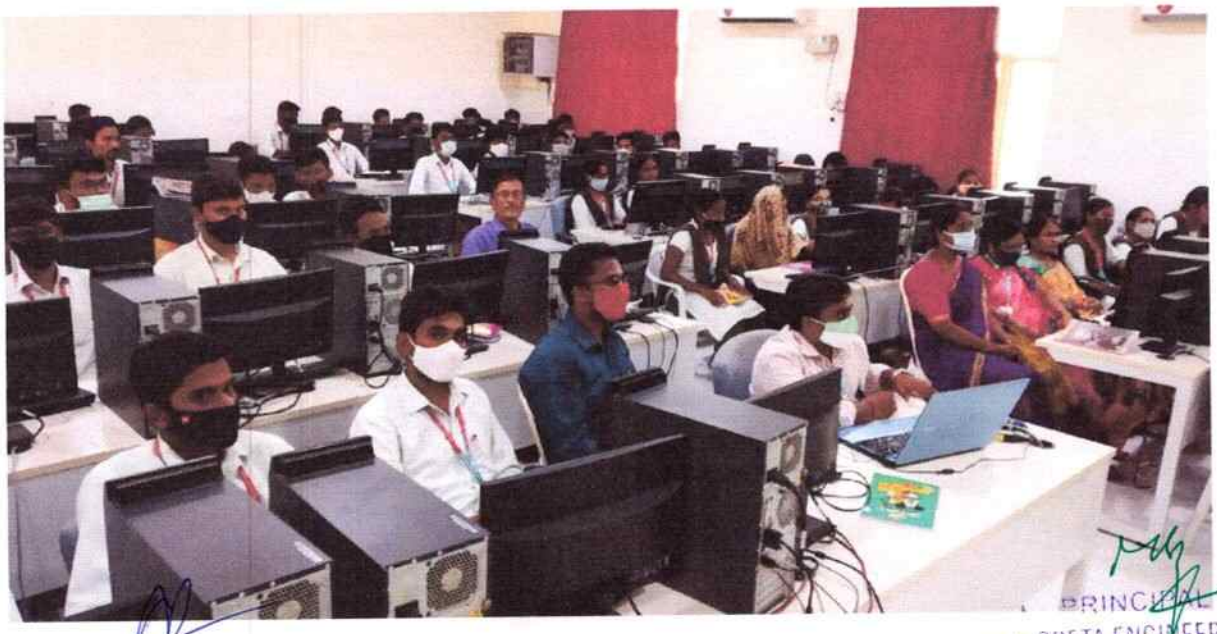
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



Webinar On IOT Technical Session-1 On IOT, E-Yantra Team IIT Bombay



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SAMPLE CERTIFICATES

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EXCELLENCE 23 YEARS ESTD 1998

CERTIFICATE OF PARTICIPATION

This is to certify that Dr.K.Raju has participated in a Webinar On "Technical Session-1 On IOT, E-Yantra Team IIT- Bombay" organized by Department of Electronics and Communication Engineering, Narasaraopeta Engineering College, Narasaraopet , dated 1st October, 2021

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Dr. V. Venkata Rao
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Dr. M. Sreenivasa Kumar
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CERTIFICATE OF PARTICIPATION

This is to certify that Mrs.B Suneetha has participated in a Webinar On "Technical Session-1 On IOT, E-Yantra Team IIT- Bombay" organized by Department of Electronics and Communication Engineering, Narasaraopeta Engineering College, Narasaraopet , dated 1st October, 2021

Dr. V. Venkata Rao
HOD-ECE

Dr. M. Sreenivasa Kumar
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EXCELLENCE 23 YEARS ESTD 1998

CERTIFICATE OF PARTICIPATION

This is to certify that Mrs J Sravanthi has participated in a Webinar On "Technical Session-1 On IOT, E-Yantra Team IIT- Bombay" organized by Department of Electronics and Communication Engineering, Narasaraopeta Engineering College, Narasaraopet , dated 1st October, 2021

Dr. V. Venkata Rao
HOD-ECE

Dr. M. Sreenivasa Kumar
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Guest lecture
On
"5G Wireless Technology"
by

Dr.Sita devi Bharathula
Assistant Professor
ECE Department
Amrita School of Engineering, Chennai.

On

13-10-2021

Organized by
Department of Electronics and Communication Engineering,
Narasaraopeta Engineering College,
Narasaraopet.

CIRCULAR

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Phone No.: 08647-239914, 9441127485, Fax No. : 08647-239902
E-mail: nrtec_ece@yahoo.com, Website: http://www.nrtenggcollege.com

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

12/10/2021

Circular

This is to inform that A Guest lecture on "Present Trends on 5G Wireless Technology" by Dr.Sita Devi Bharathula, Assistant Professor, ECE Department, Amrita School of Engineering, Chennai will be organized by ECE department on 13/10/2021 at Seminar hall. All the students of III ECE department are informed to attend the lecture without fail.

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SCHEDULE

NARASARAOPETA ENGINEERING COLLEGE

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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Guest Lecture for Faculty on "5G Wireless technology by Dr.Sita devi Bharathula Assistant Professor, ECE Department Amrita School of Engineering,Chennai.

Date: 13-10-2021

SCHEDULE

S.No	Time	Topics Covered
1	10:00am – 11:30 am	Introduction to 5G technology
		Evolution from 1G to 5G
TEA BREAK 11:30 am – 11: 45am		
2	11:45 am – 01:00pm	Comparison of all generations
		Key Concept
LUNCH BREAK 01:00PM – 02:00PM		
3	02:00PM – 03:30PM	Architecture of 5G
		Hardware and Software of 5G
TEA BREAK 03:30PM – 03:45PM		
4	03:45PM – 05:00PM	Features, Advantages and Applications
		Conclusion

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BROCHURE

Guest Lecture For Faculty
On
"5G Wireless Technology"

13th October,2021

REGISTRATION FORM

Name:_____

Mobile No.:_____

College Name: _____

E-Mail:_____

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 instituite.

Signature of the Applicant

Date :
Place :

Note: Send Registration forms to
ecehod@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 Educa- tional 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, 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 APSSDC. Also the college has Indo-European skilling Centre for mechatronics and industrial robotics in collaboration with APSSDC and ARC (Applied Robot Control), Germany. The college has established Dassault Systems Lab (DSL)



Guest Lecture For Faculty
On
"5G Wireless Technology"

13th October,2021

Organized by
Department of Electronics and Communication Engineering

NEC

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Kotappakonda Road, Yellamanda (P.O)
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Phone : 08647-239913
FAX : 08647-239913
E-Mail : **ecehod@nrtec.ac.in**

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Guntur (Dist.), A.P.

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 facultyThe 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 thrice by AICTE-NBA.The department is recognized as Research Center by JNTUK, Kakinada. 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

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OBJECTIVE OF PROGRAMME

This training programme is specially de-signed for Engineering College Students and it mainly deals with various aspects of Embedded Systems and embedded systems c programming language. The course aims to achieve the following objectives:

- To update the knowledge in the emerging and upcoming topics in the subject area.
- To make the students conversant with relevant practices in embedded systems.

The Programme will be designed around the following major topics:

- Introduction to 5G technology
- Evolution from 1G to 5G
- Comparison of all generations
- Key Concept
- Architecture of 5G
- Hardware and Software of 5G
- Features, Advantages and Applications
- Conclusion

RESOURCE PERSONS

Dr.Sita devi Bharathula
Assistant Professor,
ECE Department
Amrita School of Engineering,Chennai.

There is no registration fee.
Certificate will be provided for each participant after successful completion of the programme.

CHIEF PATRONS:

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

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

Sri M.Ramesh Babu
Secretary, NEC Group.

PATRON:

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

CONVENER:

Dr. V.Venkata Rao
Professor & Head, Dept. of ECE

COORDINATOR:

Dr.K.Raju
Professor, Dept. of ECE

ORGANIZING COMMITTEE:

Dr.J.V.K Ratnam	Associate Professor
Dr.K.Raju	Associate Professor
Dr.Sk.bajidvali	Associate .Professor
P S S Chakravrty	Associate Professor

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ATTENDANCE SHEET

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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Guest Lecture for Faculty on "5G Wireless technology by Dr.Sita devi Bharathula Assistant Professor, ECE Department Amrita School of Engineering,Chennai.

Date: 13-10-2021

S.No.	Name of the Participant	Signature
1.	Dr. V. Venkata Rao	
2.	Dr. J.V.R. Ratnam	
3	Dr. Amit Gupta	
4	J. Narasimha Rao	
5	Dr. A.V. Nageswara Rao	
6	B.S. Nagendramma	
7	K. Srinivas Rao	
8	Dr K Raju	
9	P.S.S. Chakravarthy	
10	V. Naveen Raju	
11	A. Rafeedha Babu	
12	Dr. SK. Ebraheem	
13	Dr. Y. Jaipal Reddy	
14	T. Indira	
15	Dr. B. Sunitha	
16	M Hasan	
17	D. Suneel	
18	N. Srinivasa Rao	
19	Ch. Adi Babu	
20	Dr. Shaik. Bajidvali	
21	SK. Md. Shareef	
22	P Jayababu	

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23	R. Siva Kumar	Siva
24	G. Samuel Jor Victor	
25	D. Subbarao	D. Subba
26	G. Lakshmi Narayana	G. Lakshmi Narayana
27	SD. Aseefa Begam	
28	A. Kanchana	A. Kanchana
29	G. Rajamouli	
30	K. Lakshma Reddy	Dr. Lakshma Reddy
31	N. Veda kumar	
32	T. Shanti	Shanti
33	SK. M. Sharif	
34	P. Vinuthna	
35	Sk MD. Gouse	
3		
	C	

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PROGRAM REPORT

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Ph: 08647-239903 & 08647-239902 (Fax) Visit us at : www.nrtec.in E-mail : principal@nrtec.in

Date: 15-10-2021

Report of Guest Lecture For Faculty On "5g Wireless Technology"

Name of Program	Guest Lecture For Faculty On "5g Wireless Technology"
Audience	Faculty Members& Students
Schedule	13-10-2021
Resource Person	Dr.Sita devi Bharathula Assistant Professor, ECE Department Amrita School of Engineering, Chennai
Contact Information	b_sitadevi@ch.amrita.edu, 9440491295
Total attended	35
Venue	ECE Seminar Hall

On 13-10-2021 the department of Electronics and Communication Engineering of NEC had organized Guest Lecture For Faculty On "5g Wireless Technology" by Dr.Sita devi BharathulaAssistant Professor, ECE Department Amrita School of Engineering, Chennai acted as the resource person.

1. Introduction to 5G technology
2. Evolution from 1G to 5G
3. Comparison of all generations
4. Key Concept
5. Architecture of 5G
6. Hardware and Software of 5G
7. Features, Advantages and Applications
8. Conclusion

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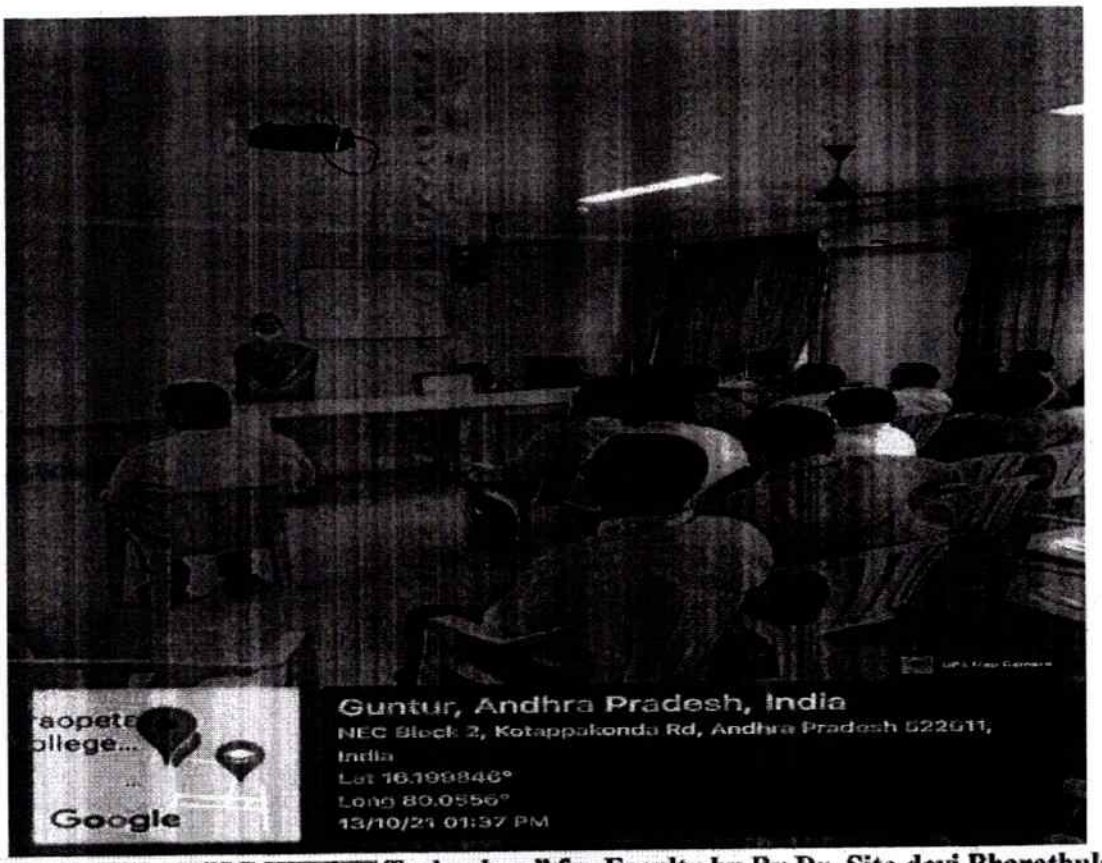
At the end of the day program concluded with feedback from students and vote of thanks by Coordinator.

Few Glimpses for the Event:



Guest lecture on "5G Wireless Technology" for Faculty by By Dr. Sita devi Bharathula Assistant Professor ECE Department Amrita School of Engineering on 13-10-2021

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ఎన్.ఇ.సీ. లో 5జీ వైర్ లెస్ టెక్నాలజీ పై గెస్ట్ లెక్చర్.

స్థానిక నరసరావుపేట ఇంజనీరింగ్ కళాశాల లో ఎలక్ట్రానిక్స్ అండ్ కమ్యూనికేషన్ ఇంజనీరింగ్ విభాగం ఆధ్వర్యంలో ఈ రోజు అనగా 13/10/2021న 5జీ వైర్ లెస్ టెక్నాలజీ పై గెస్ట్ లెక్చర్ జరిగింది.

ఈ గెస్ట్ లెక్చర్ చెన్నై కి చెందిన అమృత స్కూల్ ఆఫ్ ఇంజనీరింగ్ ఈ.సి.ఇ డిపార్ట్మెంట్ అసిస్టెంట్ ప్రొఫెసర్ డాక్టర్ భారతుల సీతాదేవి గారు ఇచ్చారు.

ఈ సందర్భంగా ఆమె రాబోయే కాలంలో మన దేశంలో 5జీ కమ్యూనికేషన్ వలన వచ్చే విప్లవాత్మక మార్పులు, లాభ నష్టాలు సోదాహరణంగా వివరించారు.

అసలు ఈ 5జీ టెక్నాలజీ పుట్టుపూర్వోత్తరాలు, మిగిలిన టెక్నాలజీ లతో పోలిస్తే దీనిలో ఉండే సౌలభ్యం, ఆర్కిటెక్చర్, ఇంకా హార్డ్ వేర్ మరియు సాఫ్ట్ వేర్ లో ఉండే తేడాలతో సవివరంగా విశదీకరించారు.

ఈ కార్యక్రమంలో మొత్తం ముప్పై అయిదు మంది అధ్యాపకులు పాల్గొన్నారు.

ఈ సందర్భంగా కళాశాల చైర్మన్ శ్రీ మిట్టపల్లి వెంకట కోటేశ్వరరావు గారు మాట్లాడుతూ మొబైల్ ఫోన్ వాడకంలో తాను గమనించిన మార్పులు పంచుకున్నారు. ఇంకా రాబోయే కాలంలో ఈ 5జీ టెక్నాలజీ తెచ్చే మార్పులు దేశాభివృద్ధికి మరింత తోడ్పడతాయని ఆశ వ్యక్తం చేశారు. ఇలాంటి ఆధునిక సాంకేతిక పరిజ్ఞానం పై మరిన్ని కార్యక్రమాలను కాలేజీలో ఇంకా జరపాలని, వాటికి తమ వంతు సహకారం ఎప్పుడూ ఉంటుందని తెలిపారు.

ఇదే కార్యక్రమంలో కళాశాల వైస్ చైర్మన్ శ్రీ మిట్టపల్లి చక్రవర్తి గారు మాట్లాడుతూ విద్యార్థులకు అన్నివిధాలా కొత్త కొత్త విషయాల పై సమాచారం, మెళకువలు నేర్పడానికి మరిన్ని కార్యక్రమాలను జరపాలని కోరుతూ ఇ.సి.ఇ. విభాగ అధిపతి శ్రీ వి.వెంకట్రావు గారినీ, ఇతర సిబ్బంది నీ అభినందించారు. కళాశాల కార్యదర్శి శ్రీ మిట్టపల్లి రమేష్ బాబు గారు ఈ కార్యక్రమానికి విచ్చేసిన డాక్టర్ భారతుల సీతాదేవి గారికి ధన్యవాదాలు తెలుపుతూ కార్యక్రమంలో పాల్గొన్న అందరినీ అభినందించారు.

ప్రిన్సిపాల్ డాక్టర్ శ్రీనివాస కుమార్ మాట్లాడుతూ 5జీ టెక్నాలజీ పై తనకున్న అవగాహన తెలుపుతూ ఇటువంటి మంచి కార్యక్రమం ఏర్పాటు చేసిన ఇ.సి.ఇ. విభాగం బృందాన్ని అభినందించారు.

చివరిగా ఇ.సి.ఇ. విభాగ అధిపతి శ్రీ వి.వెంకట్రావు గారు ఈ కార్యక్రమానికి సహకరించిన వారి అందరికీ కృతజ్ఞతలు తెలుపుతూ శ్రీమతి సీతాదేవి గారిని మేమెంటో మరియు శాలువాతో సన్మానించారు.

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Guntur (Dist.).

PHOTOS

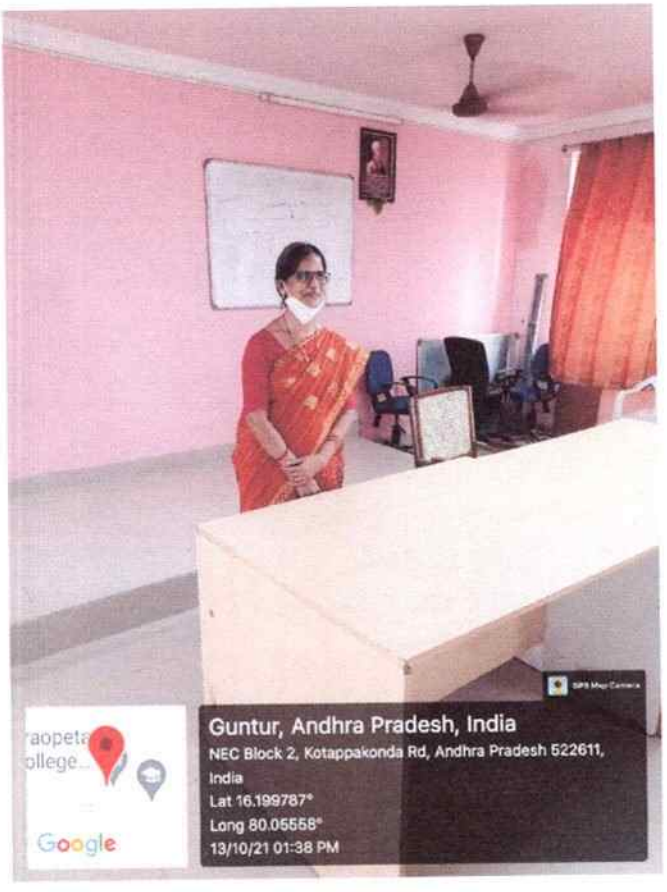
NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



Guest lecture on "5G Wireless Technology" for Faculty by By Dr. Sita devi Bharathula Assistant Professor ECE Department Amrita School of Engineering on 13-10-2021



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Guest Lecture For Faculty On "5g Wireless Technology"





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SAMPLE CERTIFICATES

NEC NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)

EXCELLENCE 23 YEARS ESTD 1998

CERTIFICATE OF PARTICIPATION

This is to certify that Mr.M.Srinivasa rao has participated in a Guest Lecture For Faculty On "5g Wireless Technology" organized by Department of Electronics and Communication Engineering, Narasaraopeta Engineering College, Narasaraopet , dated 13th October, 2021

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Guntur (Dist.), A.P.

Dr. V. Venkata Rao
HOD-ECE

Dr. M. Sreenivasa Kumar
PRINCIPAL

AICTE NBA NAAC MHRD'S INNOVATION CELL (GOVERNMENT OF INDIA) AR Skill AP APSSDC TBI HYDERABAD

NEC NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)

EXCELLENCE 23 YEARS ESTD 1998

CERTIFICATE OF PARTICIPATION

This is to certify that Mr.PSS Chakravarthi has participated in a Guest Lecture For Faculty On "5g Wireless Technology" organized by Department of Electronics and Communication Engineering, Narasaraopeta Engineering College, Narasaraopet , dated 13th October, 2021

Dr. V. Venkata Rao
HOD-ECE

IQAC

Dr. M. Sreenivasa Kumar
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(AUTONOMOUS)

EXCELLENCE 23 YEARS ESTD 1998

CERTIFICATE OF PARTICIPATION

This is to certify that Mr.J.Narasimha Rao has participated in a Guest Lecture For Faculty On "5g Wireless Technology" organized by Department of Electronics and Communication Engineering, Narasaraopeta Engineering College, Narasaraopet , dated 13th October, 2021

Dr. V. Venkata Rao
HOD-ECE

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Dr. M. Sreenivasa Kumar
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A Five-Day Faculty Development Programme on "Reverse Engineering"

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: 19-10-2021

CIRCULAR

Department of Mechanical Engineering is organizing A One Week Faculty Development Programme on **"REVERSE ENGINEERING"** from **25/10/2021 to 29/10/2020.** Request all the faculty members are to attend.

Program Convenor: Dr. B. Venkata Siva (9692464540)
Mr. 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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Guntur (Dist.), A.P.

Brochure

A One Week Online Faculty Development Programme on "Reverse Engineering"

During

25th – 29nd October - 2021

REGISTRATION FORM

Name: _____

Designation: _____

Mobile No.:_____

College Name: _____

E-Mail: _____

Experience: _____

Area of Research: _____

Accommodation required: Yes/No

DECLARATION

The information provided above is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the STC.

Signature of the Applicant

Date:

Place:

Note: Registration is limited to 50 members only on first-cum-first serve basis. Lunch and snacks will be provided. Send the scan copy of Registration form to mechod@nrtec.in

Any queries contact: +91-9985808908

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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, Accredited Thrice by NBA and ISO 9001: 2008 certified. 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). NEC is the first Engineering College in A.P. to sign MOU with a Foreign University. The college has AP CM Excellence centre, AI&ML centre and MSME centre. The college offers six 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.

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 on the railway line of Guntur to Guntakal and is on the state highway. It is 240 km from Hyderabad and 50km from Guntur, A.P.

A One Week Online Faculty Development Programme On "REVERSE ENGINEERING"

During

25th – 29nd October - 2021

Organized

By

Department of Mechanical Engineering

NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)

Kotappakonda Road, Yellamanda (P.O)

Narasaraopet – 522601, Guntur District, A.P.

Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada,

Accredited 'A' Grade by NAAC, Accredited Twice by NBA,

Recognized R&D center by JNTUK,

ISO 9001: 2008 Certified.

Phone : 08647-239923

FAX : 08647-239902

E-Mail : mechhod@nrtec.in

Principal

NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)

NARASARAOPET - 522 601.

Guntur (Dist.), A.P.

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 180.The department offers UG and PG programs. PG programs are being offered in specialization of Machine Design and Thermal Engineering. 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. 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 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.

OBJECTIVE OF SHORT TERM COURSE

The reverse engineering technology helps in the creation of a three-dimensional virtual model of the physical part that already exists. The course will teach the faculty, the different methods of importing, parsing, manipulating, and modifying 3D data. The course will also equip the faculty to analyze the structure, function, and operations of a product. The faculty will also learn the applications of computed tomography scanning, 3D optical scanning, digital archiving.

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COURSE CONTENT

- Introduction to Reverse Engineering
- Concurrent Engineering & its role in Product Development
- Reverse Engineering in Product Development & CAD for Reverse Engineering
- Special Session on National Education Policy – 2020
- 3D CAD Modeling & Online Practice Session in CAD
- Reverse Engineering using 4D Printing
- FEA for Product Development & Online Practice Session in FEA
- Reverse Engineering Workflow: A Case Study
- Product Development in Medical Industry.

WHOM TO ATTEND

- Faculty from all the disciplines.

RESOURCE PERSON

Dr. B. S. Pabla, NITTTR - Chandigarh.
Dr. S. S. Dhami, NITTTR – Chandigarh
&
Team of faculty from IIT's & NITs



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 , M.I.S.T.E, FIE(I)
Vice- Principal

Coordinator
Mr. M. Venkanna Babu
Asst. Professor, Dept. of ME

Convener
Dr. B. Venkata Siva
M.Tech, Ph.D , M.I.S.T.E, FIE(I),ISNT
Professor & HOD, Dept. of ME

ORGANIZING COMMITTEE

Dr. D. Jagadish	Mr.T. Ashok Kumar
Dr. P. Suresh Babu	Mr.B. Rajiv kumar
Mrs. P. Sravani	Mr. Ch Sekhar
Mr. M. Venkanna Babu	Mr. A. Pavan Kumar
Mr. M. Venkaiah	Mr. B. Ram Babu
Mr. P. Srinivasarao	Mr. S.K. Bajan
Mr. K.Kiran chand	Mr. Sk. Nagul Meeravali
Mr. T.N.V.Mahesh Babu	Mr. D. Raghavendra
Mr. N. Vijaya Sekhar	Mr. K. John Babu

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Schedule

Short Term Course (Online

on

Reverse Engineering (iICT-ME-8)

by

Mechanical Engineering Department, NITTTR, Chandigarh

October 25 to 29, 2021

	Session - I **10 AM to 11.30 AM**	**Session - II** **11.45 AM to 1.15 PM**	**Session - III** **2.30 PM to 4.00 PM**
Monday (25-10-2021)	Introduction to Reverse Engineering (Dr. B. S. Pabla & Dr. S. S. Dhami, NITTTR, Chandigarh)	Concurrent Engineering & its role in Product Development (Dr. K. S. Sangwan, BITS, Pilani)	Reverse Engineering in Product Development (Dr. Sanjiv Gupta, Ex-GM, SML Isuzu Ltd.)
Tuesday (26-10-2021)	CAD for Reverse Engineering (Er. Hirday pall Singh, Parametric CadTech, Mohali)	Special Session on National Education Policy – 2020 **[12 Noon to 2 PM]**	3D Scanning Technologies (Dr. Jagjit Singh, Consultant) **[3 PM to 4.30 PM]**
Wednesday (27-10-2021)	Teardown & Benchmarking (Dr. K. S. Sangwan, BITS, Pilani)	3D CAD Modeling (Er. Hirday pall Singh, Parametric CadTech, Mohali)	Online Practice Session in CAD (Dr. S. S. Dhami & Mr. Mukesh Singh, NITTTR, Chandigarh)
Thursday (28-10-2021)	Reverse Engineering using 4D Printing (Dr. Rupinder Singh, NITTTR, Chandigarh)	FEA for Product Development (Er. Hirday pall Singh, Parametric CadTech, Mohali)	Online Practice Session in FEA (Dr. B. S. Pabla & Mr. Mukesh Singh, NITTTR, Chandigarh)
Friday (29-10-2021)	Reverse Engineering Workflow: A Case Study (Dr. S. S. Dhami, NITTTR, Chandigarh)	Product Development in Medical Industry (Dr. Jagjit Singh, Consultant)	Feedback & Validation (Dr. S. S. Pabla & Dr. S. S. Dhami, NITTTR, Chandigarh)

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Dr. B. S. Pabla & Dr. S. S. Dhami
Course Coordinators
National Institute of Technical Teachers Training & Research
Chandigarh – 160019

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Attendance Sheet

ICT based STC on Reverse Engineering (ICT-ME-8) by Mechanical Engineering Department, NITTTR, Chandigarh

Nodal Centre: **NARASARAOPETA ENGINEERING COLLEGE :: NARASARAOPET (AUTONOMOS)**

DEPARTMENT OF MECHANICAL ENGINEERING

ATTENDANCE SHEET

S. No.	Name of Participant / Date	25/10/2021		26/10/2021		27/10/2021		28/10/2021		29/10/2021	
		M	E	M	E	M	E	M	E	M	E
1	Dr. BATHULA VENKATA SIVA										
2	Dr. DONEPUDI JAGADISH										
3	Dr. PENUGONDA SURESH BABU										
4	Mr. VENKANNABABU MENDI										
5	Mr. SEKHAR CHINTHAMREDDY										
6	Mrs. PILLI SRAVANI										
7	Mr. KANDRU JOHN BABU										
8	Mr. BUSA RAJIV KUMAR										
9	Mr. N V MAHESH BABU T										
10	Mr. BACHALI.RAMBABU										
11	Mr. NELATURI VIJAYA SEKHAR										
12	Mr. KIRAN CHAND KOPILA										
13	Mr. PATHURI SRINIVASARAO										

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S. No.	Name of Participant	25/10/2021		26/10/2021		27/10/2021		28/10/2021		29/10/2021	
		M	E	M	E	M	E	M	E	M	E
14	Mr. SHAIK BAJAN										
15	Mrs. RAGHAVENDRA DANTHAM										
16	Mr .VENKAIAH MANDULA										
17	Mr.SK.NAGUL MEERAVALI										
18	Mr.A.PAVAN KUMAR										

Countersigned by Director / Competent Authority

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Signature of Course Coordinator

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: 30-10-2021

PROGRAMME REPORT

Name of the Programme : A Five-Day Faculty Development Programme on "Reverse Engineering"

Dates : 25th To 29 St October 2021

Details of the Resource Persons :

1. Name : Dr. B S Pabla
   Designation : Professor
   Organization : NITTTR, Chandigarh
   Phone No : 0172-2759525.
   Mail.Id : bsp@nitttrchd.ac.in.
2. Name : Dr. Sukhdeep Singh Dhami
   Designation : Professor
   Organization : NITTTR, Chandigarh
   Phone No : 0172-2759659
   Mail.Id : ssdhami@nitttrchd.ac.in.

Objective of the programme:

For example, when a new machine comes to market, competing manufacturers may buy one machine and disassemble it to learn how it was built and how it works. A chemical company may use reverse engineering to defeat a patent on a competitor's manufacturing process. Reverse engineering is generally legal. In trade secret law, similar to independent developing, reverse engineering is considered an allowed method to discover a trade secret. However, in patent law, because the patent owner has exclusive rights to use, own or develop the patent,

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reverse engineering is not a defense.

Reverse-engineering is used for many purposes: as a learning tool; as a way to make new, compatible products that are cheaper than what's currently on the market; for making software interoperate more effectively or to bridge data between different operating systems or databases; and to uncover the undocumented.

In mechanical engineering, the term reverse engineering (often abbreviated to RE) is used to Summaries the process of reconstructing an existing object. When designing an object from scratch, an engineer will draw up a design specification and produce drawings from which the item is constructed.

Topic Covered:

- Automatic Extraction of Framework-Specific Models From Framework-Based Application Code
- Fast Extraction of High-Quality Framework-Specific Models from Application Code
- Supporting Framework Use via Automatically Extracted Concept-Implementation Templates
- Swing to SWT and Back: Patterns for API Migration by Wrapping
- Framework-specific modeling languages
- Comprehending Object-Oriented Software Frameworks Through Dynamic Analysis
- Mining Implementation Recipes of Framework-Provided Concepts in Dynamic Framework API Interaction Traces
- Formal Semantics of the Kconfig Language
- Formal Semantics of the CDL Language
- Reverse Engineering Feature Models
- Two Studies of Framework-Usage Templates Extracted from Dynamic Traces
- Example-Driven Modeling poster

Outcome of the programme:

- Exploring existing designs and maneuvers.
- Reconstructing a product that is outdated.
- Discovering any product vulnerabilities.
- Bringing less expensive & more efficient products to the market.
- Creating a reliable CAD model for future reference.
- Inspiring creative minds with old ideas.

No. of participants: 60

Coordinator

HOD

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Guntur (Dist.), A.P.

Press Note & Coverage

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✆ 08647-239903 & 08647-239902 (Fax) Visit us at : www.nrtec.ac.in e-mail : principal@nrtec.ac.in

Press Note

25.10.2021

ఎన్. ఈ. సీ లో NITTTR చండీగర్ సౌజన్యంతో పారంభమైన అధ్యాపక శిక్షణా శిబిరం

స్థానిక నరసరావుపేట ఇంజనీరింగ్ కళాశాల మెకానికల్ ఇంజనీరింగ్ విభాగం ఆధ్వర్యంలో NITTTR చండీగర్ అధ్యాపక బృందం పర్యవేక్షణలో "రివర్స్ ఇంజనీరింగ్" అనే అంశంపై వారం రోజుల అధ్యాపక శిక్షణా శిబిరం ఈ రోజు ప్రారంభం అయినట్లు మెకానికల్ విభాగాధిపతి డాక్టర్ బి.వేంకట శివ గారు తెలియజేశారు.

కళాశాల వైస్ పిన్సిపాల్ డాక్టర్ డి. సునీల్ గారు గారు మాట్లాడుతూ ఈ వారం రోజుల శిక్షణ శిబిరంలో రివర్స్ ఇంజనీరింగ్ యొక్క ఆవశ్యకత , కంకర్రెంట్ ఇంజనీరింగ్ యొక్క పాత్ర, 3D CAD మోడలింగ్ మరియు ఆన్లైన్ ప్రాక్టీస్, 3D స్కానింగ్ టెక్నాలజీస్, నేషనల్ ఎడ్యుకేషన్ పాలసీ , 4D ప్రింటింగ్, FEA , ప్రోడక్ట్ డెవలప్మెంట్ ఇన్ మెడికల్ ఇండస్ట్రీ మొదలగు అంశాలపై అధ్యాపకులకు శిక్షణ ఉంటుందన్నారు.

ఈ సందర్భంగా కళాశాల పిన్సిపాల్ డాక్టర్ యమ్. శ్రీనివాస కుమార్ గారు మాట్లాడుతూ ఈ రివర్స్ ఇంజనీరింగ్ ని ప్రోడక్ట్ లేదా ఎక్విప్మెంట్ యొక్క డిఫెక్ట్స్ లేదా మాల్ ఫంక్షనింగ్ ని కనుక్కోవడం లో, పార్ట్ ఇంప్రూవ్మెంట్ లేదా రీప్లేసింగ్, ప్రోడక్ట్ డాక్యుమెంటేషన్ ఇంప్రూవ్ చేయడం, ఎడ్యుకేషన్ టు ఇంప్రూవ్ ఫ్యూచర్ ప్రొడక్షన్ మొదలైన వాటికీ వాడతారని అన్నారు.

కళాశాల వైస్ చైర్మన్ శ్రీ మిట్టపల్లి చక్రవర్తి గారు మాట్లాడుతూ ఈ రివర్స్ ఇంజనీరింగ్ అనేది ప్రాక్టీస్ చేస్తే ప్రతి మనిషిలో ఇన్నోవేటివ్ మరియు ప్రొడక్టివ్ ఐడియాస్ లు బాగా వస్తాయని అలాగే క్రొత్త గా కనుక్కొనే ప్రతీ ఇన్వెన్షన్ లో సక్సెస్ ఐన పాత ఐడియాస్ ని ఎలా అమర్చాలో తెలుసు కోవడం వలన మన నాలెడ్జి మరియు క్యాపబిలిటీస్ పెరుగుతాయన్నారు .

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. ఈ కార్యక్రమ సమన్వయకర్తగా ఎం. వెంకన్న బాబు గారు వ్యవహరించారు

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

PRINCIPAL

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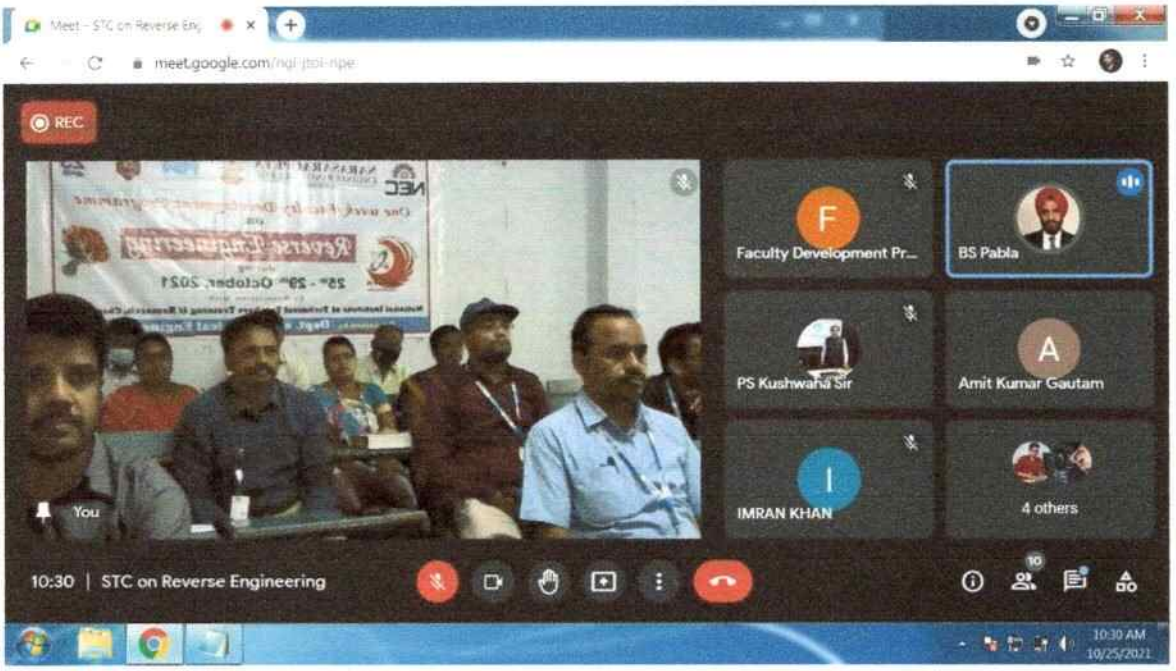
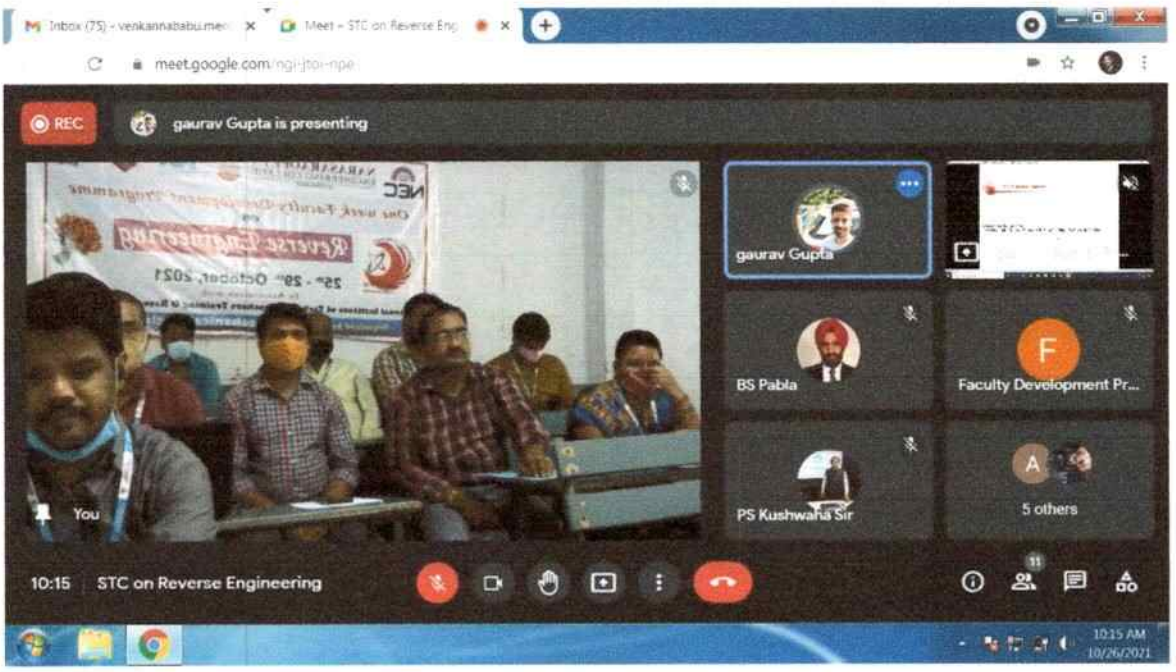
Photos

A One Week Faculty Development Programme on
"REVERSE ENGINEERING"



All the faculty actively participated in A One Week Faculty Development Programme on
"REVERSE ENGINEERING"



All the faculty actively participated in A One Week Faculty Development Programme on
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Sample Certificates

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ANDHRA PRADESH

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on

Reverse Engineering

from

25/10/2021 to 29/10/2021 (one Week)

Conducted by

Mechanical Engineering Department

NITTTR, Chandigarh

Co-ordinator

Head of the Department

Director

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ANDHRA PRADESH

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Head of the Department

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Co-ordinator

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Certificate No : 9443/21-22

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This is to certify that

PILLI SRAVANI

NARASARAOPETA ENGINEERING COLLEGE , NARASARAOPET
ANDHRA PRADESH

Participated in the Online AICTE Recognized Faculty Development Programme

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Reverse Engineering

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Webinar
on
Application of Thin-film transistors in the Transparent and Flexible Electronics
On
19th,November 2021

Organized
By
IEEE NEC Student Branch
Department of Electronics and Communication Engineering,
Narasaraopeta Engineering College,
Narasaraopet.

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, Andhra Pradesh
Phone No.: 08647-239914, 9441127485, Fax No. : 08647-239902
E-mail: nrtec_ece@yahoo.com, Website: http://www.nrtenggcollege.com
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

18/11/2021

Circular

This is to inform that Webinar on "Application of Thin-film transistors in the Transparent and Flexible electronics" in association with NEC IEEE SB by Dr.Shashikant Dargar Assc. Prof Senior IEEE member on 19/11/2021 at Seminar Hall. All the students of III-I-ECE-C department are informed to attend the webinar without fail.

IQAC PRINCIPAL HoD

HEAD OF THE DEPARTMENT
DEPT. OF ELECTRONICS AND COMMUNICATION ENGG.
NARASARAOPETA ENGINEERING COLLEGE
NARASARAOPET-522 601

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

SCHEDULE

NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Webinar
On
Application Of Thin-Film Transistors In The Transparent And Flexible Electronics

Date: 19-11-2021

SCHEDULE

Date	Time	Topic
1	10:00 AM-01:00pm	Semiconductor materials and processing for high mobility TFTs
		Understanding and addressing instabilities of TFTs
		TFT based functional devices (sensors, memories, synapse, …)
		Scaling of TFTs for high resolution integration
		TFT compact models for circuit simulation
		TFT backplane integration for displays and sensors
LUNCH BREAK 01:00PM – 02:00PM		
2	2:00 PM-05:00pm	Flexible and stretchable TFT devices and circuits
		Circuit design and implementations of TFTs
		Flexible circuit structure
		Manufacturing technology
		Flexible display
		Applications of Flexible electronics

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

BROCHURE

Webinar
On
Application Of Thin-Film Transistors In The Transparent And Flexible Electronics

19th November,2021

REGISTRATION FORM

Name:_____

Mobile No.:_____

College Name: _____

E-Mail:_____

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 instituite.

Signature of the Applicant

Date :
Place :

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

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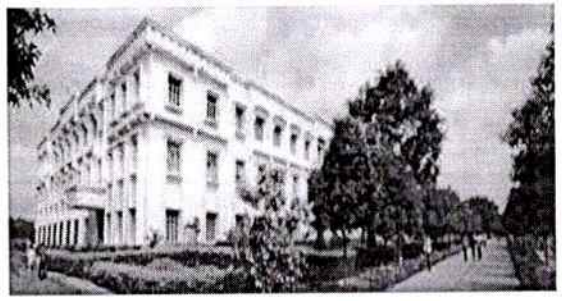
ABOUT THE COLLEGE

The Narasaraopeta Engineering College was established in the year 1998 by Gayatri Educa- tional 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, 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 APSSDC. Also the college has Indo-European skilling Centre for mechatronics and industrial robotics in collaboration with APSSDC and ARC (Applied Robot Control), Germany. The college has established Dassault Systems Lab (DSL)



Webinar
On
Application Of Thin-Film Transistors In The Transparent And Flexible Electronics

19th November,2021

Organized by
Department of Electronics and Communication Engineering

NEC

NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)
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Guntur (Dist.), A.P.

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 facultyThe 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 thrice by AICTE-NBA.The department is recognized as Research Center by JNTUK, Kakinada. 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

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OBJECTIVE OF PROGRAMME

This training programme is specially de-signed for Engineering College Students and it mainly deals with various aspects of Embedded Systems and embedded systems c programming language. The course aims to achieve the following objectives:

- To update the knowledge in the emerging and upcoming topics in the subject area.
- To make the students conversant with relevant practices in embedded systems.

The Programme will be designed around the following major topics:

- Semiconductor materials and processing for high mobility TFTs
- Understanding and addressing instabilities of TFTs
- TFT based functional devices (sensors, memories synapse, …)
- Scaling of TFTs for high resolution integration
- TFT compact models for circuit simulation
- TFT backplane integration for displays and sensors
- Flexible and stretchable TFT devices and circuits
- Circuit design and implementations of TFTs
- Flexible circuit structure
- Manufacturing technology
- Flexible display
- Applications of Flexible electronics

RESOURCE PERSONS

Dr. Shashikant Dargar
Assc. Prof Senior IEEE member

There is no registration fee.
Certificate will be provided for each participant after successful completion of the programme.

CHIEF PATRONS:

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

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

Sri M.Ramesh Babu
Secretary, NEC Group.

PATRON:

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

CONVENER:

Dr. V.Venkata Rao
Professor & Head, Dept. of ECE

COORDINATOR:

Dr.K.Raju
Professor, Dept. of ECE

ORGANIZING COMMITTEE:

Dr.J.V.K Ratnam Associate Professor

Dr.K.Raju Associate Professor

P S S Chakravrty Associate Professor

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ATTENDANCE SHEET

NARASARAOPETA ENGINEERING COLLEGE

NEC

(AUTONOMOUS)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Webinar On Application Of Thin-Film Transistors In The Transparent And Flexible Electronics

Date: 19-11-2021

S.No.	Name of the Participant	Signature
1.	Dr. V. Venkata Rao	
2	K. Srinivas rao	
3	J. Narasimha Rao	
4	Dr. A. V. Nageswara Rao	
5	Dr. Shaik. Bajidvali	
6	Dr K Raju	
7	N. Veda kumar	
8	M H H Sagar	
9	B. S. Nageswara Rao	
10	T. Anila	
11	G. Samuel Jai victor	
12	P. L. S. Chakravarthy	
13	D. Suneel	
14	V. Naveen Raju	
15	G. Rajavali	
16	P. Jayasree.	
17	Dr. J. V. K. Ratnam	
18	Dr. Amit Gupta	
19	Dr. Y. Jaipal Reddy	
20	SK. Md. Shareef	
21	N. Srinivasa Rao	
22	Ch. Ali Babu	

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23	T. Shanti	Shanti
24	G. Lakshmi Narayana	G. Lakshmi
25	G. Bhavani	G. Bhavani
26	N. Rajeev Reddy	N. Rajeev Reddy
27	Sd. Areefa Begam	Areefa
28	A. Raveendra Babu	
29	R. Siva Kumar	
30	A. Kanchana	A. Kanchana
31	D. Subbarao	D. Subbarao
32	SK. M. Sharif.	
33	K. Lakshma Reddy.	K. Lakshma Reddy.
34	Sk MD. Gouse	
35	A. Venkata Siva	A. Venkata Siva
36	Dr. Sk. Ebrahim	
37	D. Saichandrika	D. Saichandrika
38	Ch. Karthik.	Ch. Karthik
39	E. Narendhra	
40	P. Vinuthna	
41	Dr. B. Raghavaiah	B. Raghavaiah
42	J. Pallavi	J. Pallavi
43	Dr. R. Navaiah	R. Navaiah
44	J. Sravanthi	J. Sravanthi
45	N. Dasaradh	N. Dasaradh
46	M. Srinivas Rao	M. Srinivas Rao
47	K. Siva Kumari	K. Siva Kumari
48	N. Narayana	N. Narayana
49	M. Srinivas Rao	M. Srinivas Rao
50	M. Suneel Raja.	
51	SK. MD. UMAR	SK. Umar
52	B. Srinivasa Rao	
53	G. Samba Siva Rao	G. Samba Rao
54	SK. Asifa	SK. Asifa

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55	B. Koteswara Rao	
56	Dr. K. Anjaneyulu	K. Anj
57	M. Amulya Bhanu	M
58	Dr. SK. Sd. Basha	SK.
59	K. Sheela	K. Sheela
60	N. Sayedu Khasim	N.

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HEAD OF THE DEPARTMENT
DEPT.OF ELECTRONICS AND COMMUNICATION ENGG.
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PROGRAM REPORT

NARASARAOPETA ENGINEERING COLLEGE
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Date: 20-11-2021

Report of Webinar on "Application of Thin-film transistors in the Transparent and Flexible electronics"

Name of Program	Webinar on "Application of Thin-film transistors in the Transparent and Flexible electronics" in association with NEC IEEE SB
Audience	Faculty members & ECE III
Schedule	19-11-2021
Resource Person	Dr. Shashikant Dargar Assc. Prof Senior IEEE member
Contact Information	Shashikant.da@gmail.com
Total attended	60
Venue	ECE Seminar Hall

On 19-11-2021 the department of Electronics and Communication Engineering of NEC had organized Webinar on "Application of Thin-film transistors in the Transparent and Flexible electronics" in association with NEC IEEE SB. Dr. Shashikant Dargar Assc. Prof Senior IEEE member acted as the resource person.

This Programme Covered:

1. Gate electrics
2. Significance of contacts.
3. Significance of semiconductor materials
4. Organic semiconductors
5. Inorganic semiconductors

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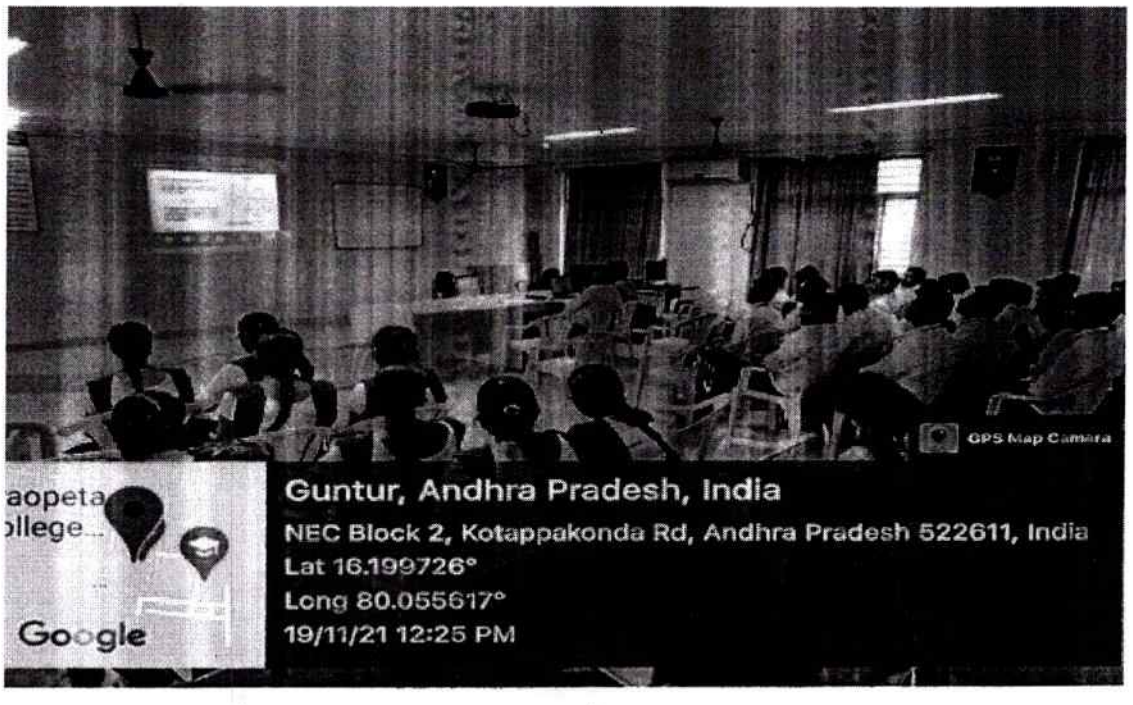
At the end of the day program concluded with feedback from students and vote of thanks by Coordinator.

Few Glimpses for the Event:



Webinar on "Application of Thin-film transistors in the Transparent and Flexible electronics" in association with NEC IEEE SB by Dr. Shashikant Dargar Asscociate. Professor Senior IEEE member on 19-11-2021

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PRESS NOTE & COVERAGE

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ఎన్.ఐ.సి లో ఫ్రిక్వెన్సీ ఆఫ్ ఫీల్డ్ స్టడీ విద్యార్థులకు మరియు సైంటిస్టులతో ఎలక్ట్రిసిటీ పై మాట్లాడారు.

స్థానిక సరఫరాలోని ఇంపెడెన్స్ వలన విద్యుత్ ఎలక్ట్రిసిటీ లో వచ్చే వ్యత్యాసాలు ఇంపాక్ట్ అవ్వడం అధ్యయనంలో భాగంగా 14/11/22 న ఫ్రిక్వెన్సీ ఆఫ్ ఫీల్డ్ స్టడీ విద్యార్థులకు మరియు సైంటిస్టులతో ఎలక్ట్రిసిటీ పై మాట్లాడారు.

ఈ మాట్లాడిన డా॥ శశికుమార్ చుక్కా గారు కలామేటం యూనివర్సిటీలో, తమిళనాడు., ఇ.సి.ఇ. డిపార్ట్మెంట్ అసోసియేట్ ప్రొఫెసర్ గారు.

ఈ సందర్భంగా ఉదయం రాంచీ కాలుష్య మరియు ఫీల్డ్ స్టడీ విద్యార్థులకు అవగాహన కొరకు విద్యుత్ వల్ల వచ్చే విద్యుదయస్కాంత తరంగాలు, వాటి నష్టాలు సవివరంగా వివరించారు.

ఈ విద్యుత్ ప్రమాదాల నుండి మనల్ని మనం ఎలా రక్షించుకోవాలో కూడా తెలియజేశారు.

ఈ సందర్భంగా సూక్ష్మ కిరణాలు విశ్వమంతా వ్యాపించి ఉన్నాయని, వాటి వల్ల మన శరీరంలో కణాలు ఎలా నష్టపోతాయో, ఎలక్ట్రిసిటీ వాడకంలో మనం గమనించిన మార్పులు వివరించారు. ఇలాంటి కీలకమైన సాంకేతిక విషయాలపై మాకు అవగాహన కల్పించినందుకు ధన్యవాదాలు తెలిపారు. ఎప్పటికీ ఫ్రీక్వెన్సీ కాంతిలో ఇంకా ఎదగాలని, వెళ్లడానికి మేమంతా సిద్ధంగా ఉండాలని తెలిపారు.

ప్రొఫెసర్ చార్లెస్ శ్రీనివాస్ మాట్లాడుతూ. ఈ విద్యార్థులకు వ్యక్తిత్వ వికాసాన్ని తెలుపుతూ. దేశంలో మరియు విదేశాల్లో ఉన్న అవకాశాలు వివరించారు.

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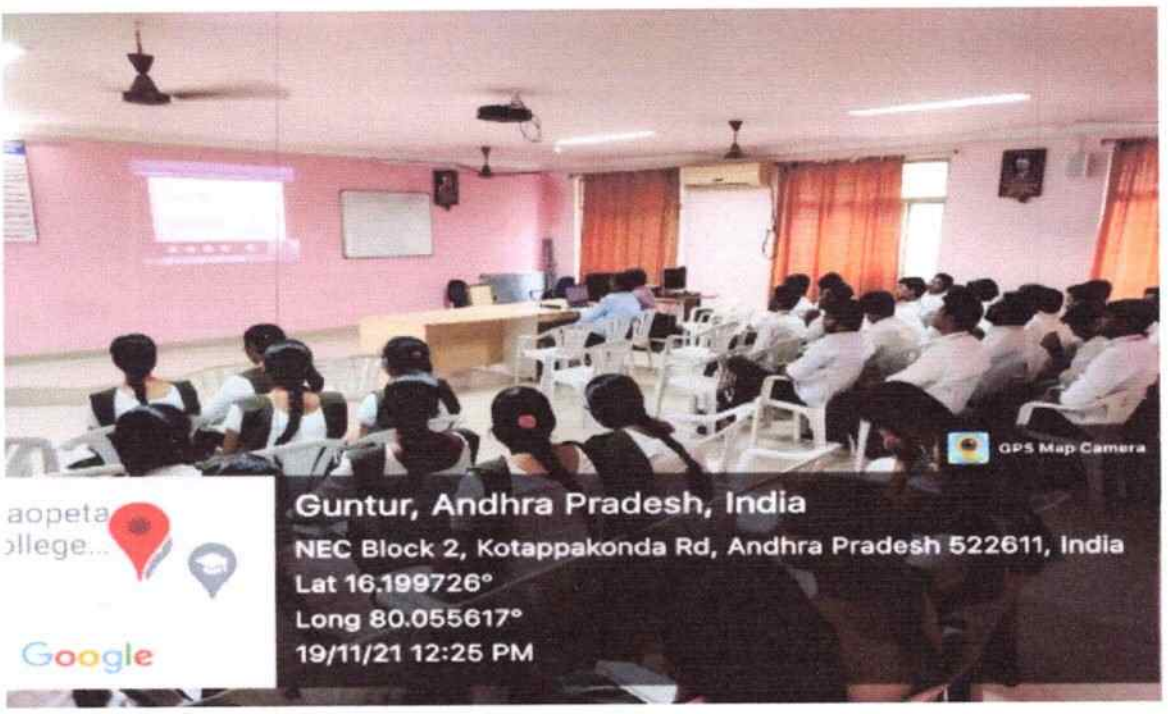
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Webinar On Application Of Thin-Film Transistors In The Transparent And Flexible Electronics



Webinar on "Application of Thin-film transistors in the Transparent and Flexible electronics" in association with NEC IEEE SB by Dr. Shashikant Dargar Asscociate. Professor Senior IEEE member on 19-11-2021

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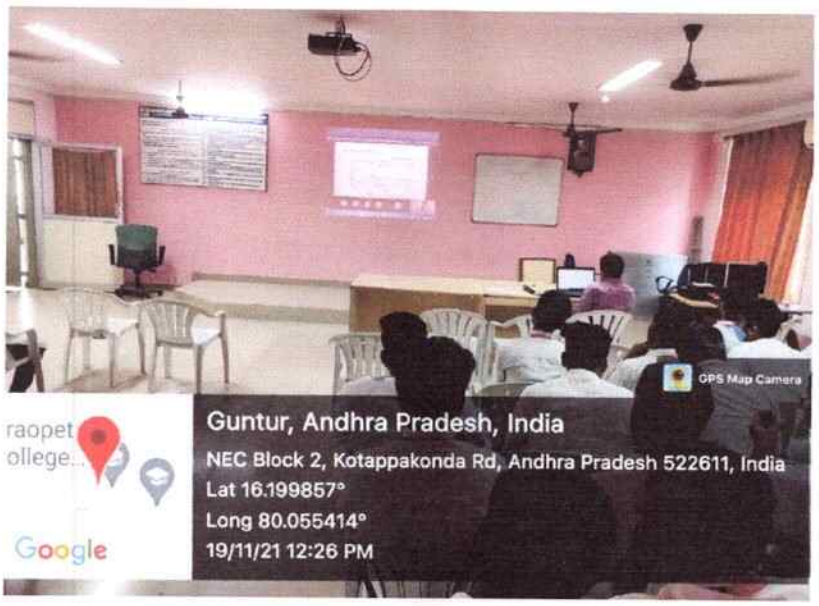





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SAMPLE CERTIFICATES

IEEE Industrial Electronics Society

IEEE NEC SB

NEC NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS)

EXCELLENCE 23 YEARS ESTD 1998

CERTIFICATE OF PARTICIPATION

This is to certify that Mrs. Sk.Areefa Begam has participated in a Webinar On "Application Of Thin-Film Transistors In The Transparent And Flexible Electronics" organized by IEEE Industrial Electronics Society Student Branch of Narasaraopeta Engineering College, Narasaraopet , dated 19th November, 2021

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Dr. Kolluri Raju	**Dr. V. Venkata Rao**	**Dr. M. Sreenivasa Kumar**
Coordinator	**HOD-ECE**	**PRINCIPAL**

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IEEE Industrial Electronics Society

IEEE NEC SB

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(AUTONOMOUS)

EXCELLENCE 23 YEARS ESTD 1998

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This is to certify that Mrs. T Indira has participated in a Webinar On "Application Of Thin-Film Transistors In The Transparent And Flexible Electronics" organized by IEEE Industrial Electronics Society Student Branch of Narasaraopeta Engineering College, Narasaraopet , dated 19th November, 2021

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Coordinator

Dr. V. Venkata Rao
HOD-ECE

Dr. M. Sreenivasa Kumar
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IEEE Industrial Electronics Society

IEEE NEC SB

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This is to certify that Mr.A.Ravindra babu has participated in a Webinar On "Application Of Thin-Film Transistors In The Transparent And Flexible Electronics" organized by IEEE Industrial Electronics Society Student Branch of Narasaraopeta Engineering College, Narasaraopet , dated 19th November, 2021

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Coordinator

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HOD-ECE

Dr. M. Sreenivasa Kumar
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AICTE NBA NAAC MHRD'S INNOVATION CELL (GOVERNMENT OF INDIA) AR Skill AP APSSDC HYDERABAD

A 2-Day Webinar on Virtual Reality

A Two-Day webinar on Virtual Reality

Circular

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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 COMPUTER SCIENCE ENGINEERING

Date: 11-12-2021

CIRCULAR

All the Teaching staff members are here by informed that IQAC & Department of Computer Science and Engineering is going to organize A 2-Day Webinar on Virtual Reality during 13th -14th Dec, 2021. All the registered Teaching faculty are requested to attend the FDP without fail.

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

Coordinator : **Dr. S. N. Tirumala Rao**
Professor & HoD, CSE Dept.

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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Broucher

Course Content:

- Evolution of e-Content
- Fundamentals of Virtual Realty
- Applications of Virtual Reality Sectors
- Creating 360 degree media
- Hardware and Software for Virtual Reality Applications
- Building Interctive Characters in 3D

Resource Persons:

1. Dr. S. V. N. Sreenivasu,
   Professor, Dept. of CSE, NEC
   9849866902

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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 2-Day Webinar on Virtual Reality
During 13th -14th December, 2021

Organized
by

Department of
Computer Science & Engineering

NEC NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)
Thrice Accreted By NBA and Accreted By NAAC
(Approved By AICTE, New Delhi, Permanently Affiliated To JNTUK, Kakinada)
Kotappakonda Road, Yallmanda Village,
NARASARAOPET, GUNTUR DIST, A.P.
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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 Objective of conducting this webinar is to create awareness on the new technology called Virtual Reality.

Virtual reality is the creation and application of a simulated world. This virtual world is separate from the one the user experiences on a daily basis. Despite being a completely fabricated realm, designers of virtual reality have the goal of making the world as believable as possible.

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.

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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.

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. S.V.N.Sreenivasu
Dr. S. Siva Nageswara Rao
Dr. GLN Jayaprada
Mrs. M. Sireeha
Mr. M. Satyam Reddy
Ms.Y.Chandana
Mr. Ch. Anil
Mr. K. Jaya Prakash
Ms. A. Thanuja
Dr. K. Lakshmi Nadh
Dr. T. V. Sai Krihna
Mr. K. Gnanendra
Mrs Sd. Rizwana
Mr. Sk. Rafi
Ms. O. Aruna
Mr. B.S KanakaRaju
Mr. N.A.Rami Reddy
Mrs. P. Rama Devi

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Schedule

A 2-Day Webinar on Virtual Reality
13th - 14th December, 2021
Program Schedule

	09.30 TO 11.00	11.30 TO 01.00	2.30 TO 4.00
DAY 1 13-12-2021	➔ Inauguration	➔ Evolution of e-Content	➔ Fundamentals of Virtual Reality
	Mr M.S.Chakravarthi, Vice Chairman, NEC Group Dr M. Sreenivasa Kumar, Principal,All HODsand Participants	**Dr. S. V. N. Sreenivasu, Professor, Dept. of CSE, NEC 9849866902**	
DAY 2 14-12-2021	➔ Hardware and Software for Virtual Reality Applications ➔ Applications of Virtual Reality Sectors	➔ Creating 360 degree media ➔ Building Interctive Characters in 3D	Valedictory
	Dr. S. V. N. Sreenivasu, Professor, Dept. of CSE, NEC 9849866902		

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Attendance Sheet

List of Faculty Attended the 2- Day online FDP On Virtual Reality During 13th -14th December, 2021

S.No	Name of Faculty	Designation	Institution
1	Dr.S.N Tirumala Rao	Professor	Narasaraopeta Engineering College
2	Dr.B. Jhansi Vazram	Professor	Narasaraopeta Engineering College
3	Dr. S V N Sreenivasu	Professor	Narasaraopeta Engineering College
4	Dr.G. Syam Prasad	Professor	Narasaraopeta Engineering College
5	Dr.GLN Jayaprada	Professor	Narasaraopeta Engineering College
6	V.Mahesh Babu	Professor	Narasaraopeta Engineering College
7	Dr T V Sai Krishna	Professor	Narasaraopeta Engineering College
8	Dr M Balaraju	Professor	Narasaraopeta Engineering College
9	Dr K Sai Anusha	Professor	Narasaraopeta Engineering College
10	Dr P Sreenivasa Moorthy	Professor	Narasaraopeta Engineering College
11	Dr K.Lakshminadh	Professor	Narasaraopeta Engineering College
12	Dr.S.Siva Nageswara Rao	Professor	Narasaraopeta Engineering College
13	Dr.KSMV Kumar	Professor	Narasaraopeta Engineering College
14	Dr M. Venkata Reddy	Assoc.Professor	Narasaraopeta Engineering College
15	Dr Somaraju Mouli	Assoc.Professor	Narasaraopeta Engineering College
16	M.Sireesha	Assoc.Professor	Narasaraopeta Engineering College
17	K.Gnanendra	Assoc.Professor	Narasaraopeta Engineering College
18	Syed Rizwana	Asst.Professor	Narasaraopeta Engineering College
19	O.Aruna	Asst.Professor	Narasaraopeta Engineering College
20	Ch.Lakshmi Tulasi	Asst.Professor	Narasaraopeta Engineering College
21	P.Swathi	Asst.Professor	Narasaraopeta Engineering College
22	S.Deva Raju	Asst.Professor	Narasaraopeta Engineering College
23	Shaik Subhani	Asst.Professor	Narasaraopeta Engineering College
24	Khaja Mohiddin Basha Sk	Asst.Professor	Narasaraopeta Engineering College
25	Sk.GousyaPyari	Asst.Professor	Narasaraopeta Engineering College
26	K.Rambabu	Asst.Professor	Narasaraopeta Engineering College
27	M.Sathyam Reddy	Asst.Professor	Narasaraopeta Engineering College
28	Shaik Rafi	Asst.Professor	Narasaraopeta Engineering College
29	G.Lakshmi Narayana	Asst.Professor	Narasaraopeta Engineering College
30	K.V.Narasimhareddy	Asst.Professor	Narasaraopeta Engineering College
31	D.Raju	Asst.Professor	Narasaraopeta Engineering College
32	K.Shishir	Asst.Professor	Narasaraopeta Engineering College
33	U. Vijay Kumar	Asst.Professor	Narasaraopeta Engineering College
34	P.Ramadevi	Asst.Professor	Narasaraopeta Engineering College
35	R.Sowjanya	Asst.Professor	Narasaraopeta Engineering College
36	N.Ananthrami Reddy	Asst.Professor	Narasaraopeta Engineering College
37	M.Arun Kumar	Asst.Professor	Narasaraopeta Engineering College
38	O Samba Siva Rao	Asst.Professor	Narasaraopeta Engineering College
39	Sk.Sameerunnisa	Asst.Professor	Narasaraopeta Engineering College

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40	R.Dilipkumar	Asst.Professor	Narasaraopeta Engineering College
41	T.Venkata Manohar	Asst.Professor	Narasaraopeta Engineering College
42	B.Ramakrishna	Asst.Professor	Narasaraopeta Engineering College
43	G Venkateswara Rao	Asst.Professor	Narasaraopeta Engineering College
44	Y Chandana	Asst.Professor	Narasaraopeta Engineering College
45	M.Ramakrishna Reddy	Asst.Professor	Narasaraopeta Engineering College
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47	K Veera Pavankumar	Asst.Professor	Narasaraopeta Engineering College
48	A.Janardhana Rao	Asst.Professor	Narasaraopeta Engineering College
49	K.JayaPrakash	Asst.Professor	Narasaraopeta Engineering College
50	D.VenkatReddy	Asst.Professor	Narasaraopeta Engineering College
51	B Satish Kumar	Asst.Professor	Narasaraopeta Engineering College
52	R.Saritha	Asst.Professor	Narasaraopeta Engineering College
53	M.Nandini	Asst.Professor	Narasaraopeta Engineering College
54	K Ashok	Asst.Professor	Narasaraopeta Engineering College
55	K.Ramani	Asst.Professor	Narasaraopeta Engineering College
56	D.Srinivasa Rao	Asst.Professor	Narasaraopeta Engineering College
57	G.Srinadh	Asst.Professor	Narasaraopeta Engineering College
58	A.Thanuja	Asst.Professor	Narasaraopeta Engineering College
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60	Ch.Anil	Asst.Professor	Narasaraopeta Engineering College
61	B.Siva Kanaka Raju	Asst.Professor	Narasaraopeta Engineering College
62	Dr V V A S Lakshmi	Professor	Narasaraopeta Institute of Technology
63	DR G.Rama Swamy	Professor	MALINENI PERUMALLU EDUCATIONAL SOCIETY'S GROUP OF INSTITUTIONS
64	P.Ramesh Babu	Professor	MALINENI PERUMALLU EDUCATIONAL SOCIETY'S GROUP OF INSTITUTIONS
65	B.Bhanu Prakash	Professor	KKR&KSR Institute of Technology and Sciences

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Programme Report

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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: 11th December, 2021

Program Report

Name of the program: : A 2-Day Webinar on Virtual Reality
Date(s) of FDP :13th - 14th December, 2021
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. Dr. S. V. N. Sreenivasu,
   Professor, Dept. of CSE, NEC
   9849866902

Objective of the Program

The Objective of conducting this webinar is to create awareness on the new technology called Virtual Reality.

Virtual reality is the creation and application of a simulated world. This virtual world is separate from the one the user experiences on a daily basis. Despite being a completely fabricated realm, designers of virtual reality have the goal of making the world as believable as possible.

Topics Covered

- Evolution of e-Content
- Fundamentals of Virtual Reality
- Applications of Virtual Reality Sectors
- Creating 360 degree media
- Hardware and Software for Virtual Reality Applications
- Building Interctive Characters in 3D

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Outcome of the program

On completion of workshop the Faculty will be able to,

1) Familiar to Virtual Reality.
2) learn about the Software's and their functioning in order to develop their own projects.

No. of Participants : 65

Coordinator

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

HoD-CSE

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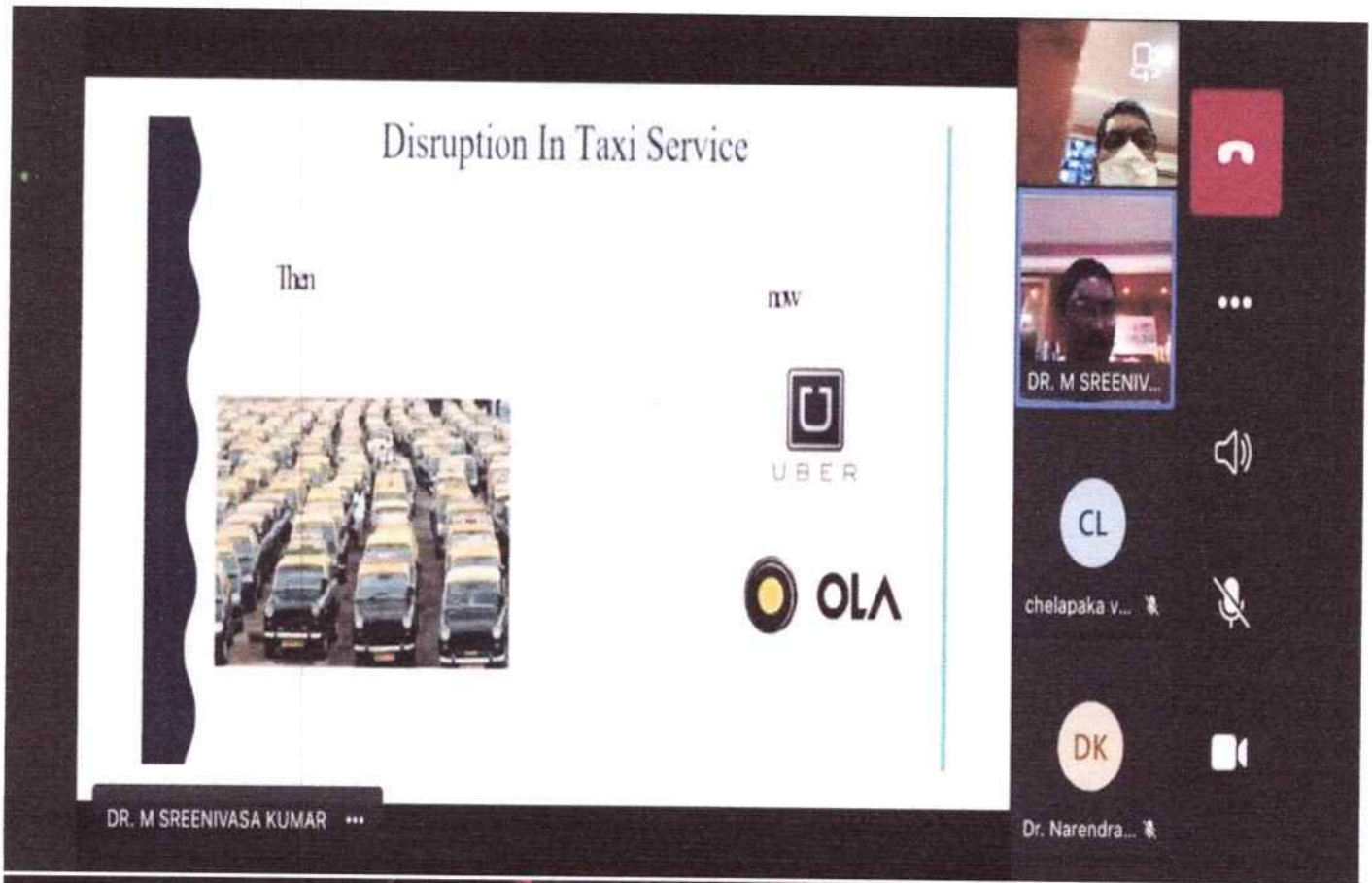
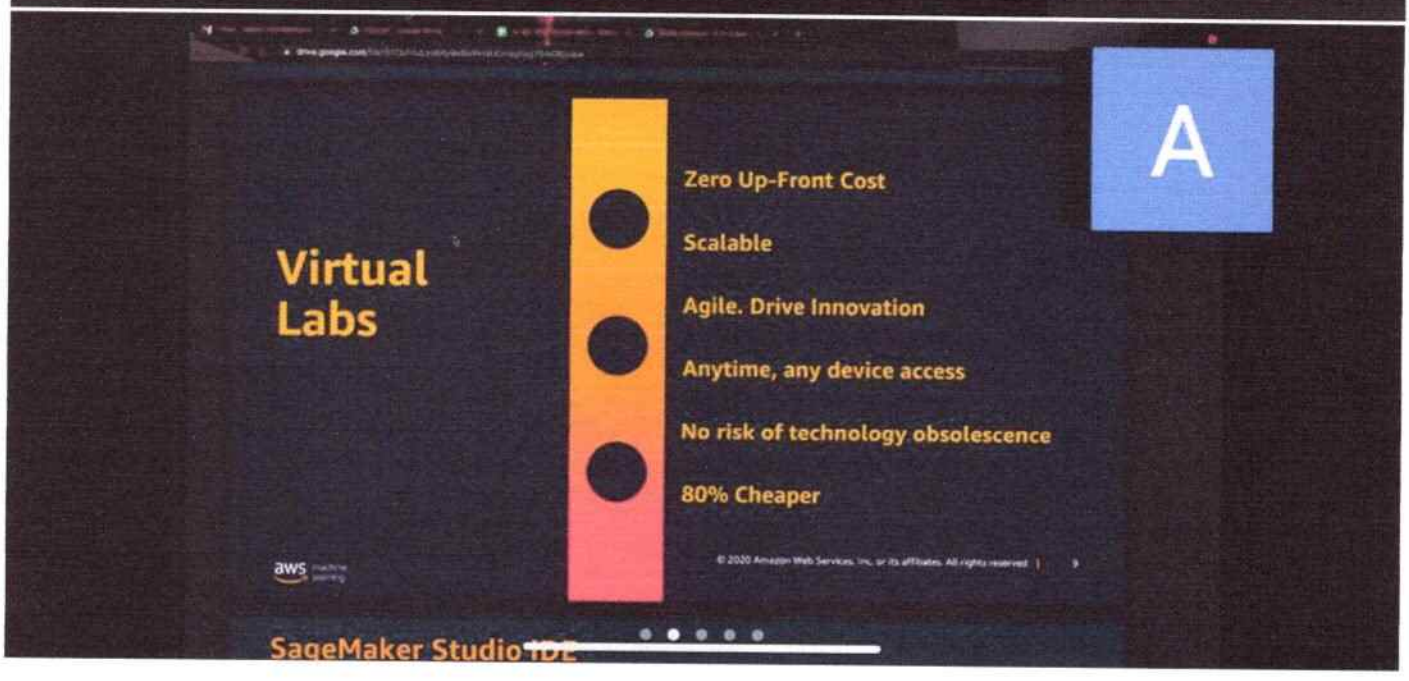
Photos

PHOTOS





Glimpses of A Two day Webinar on Virtual Reality

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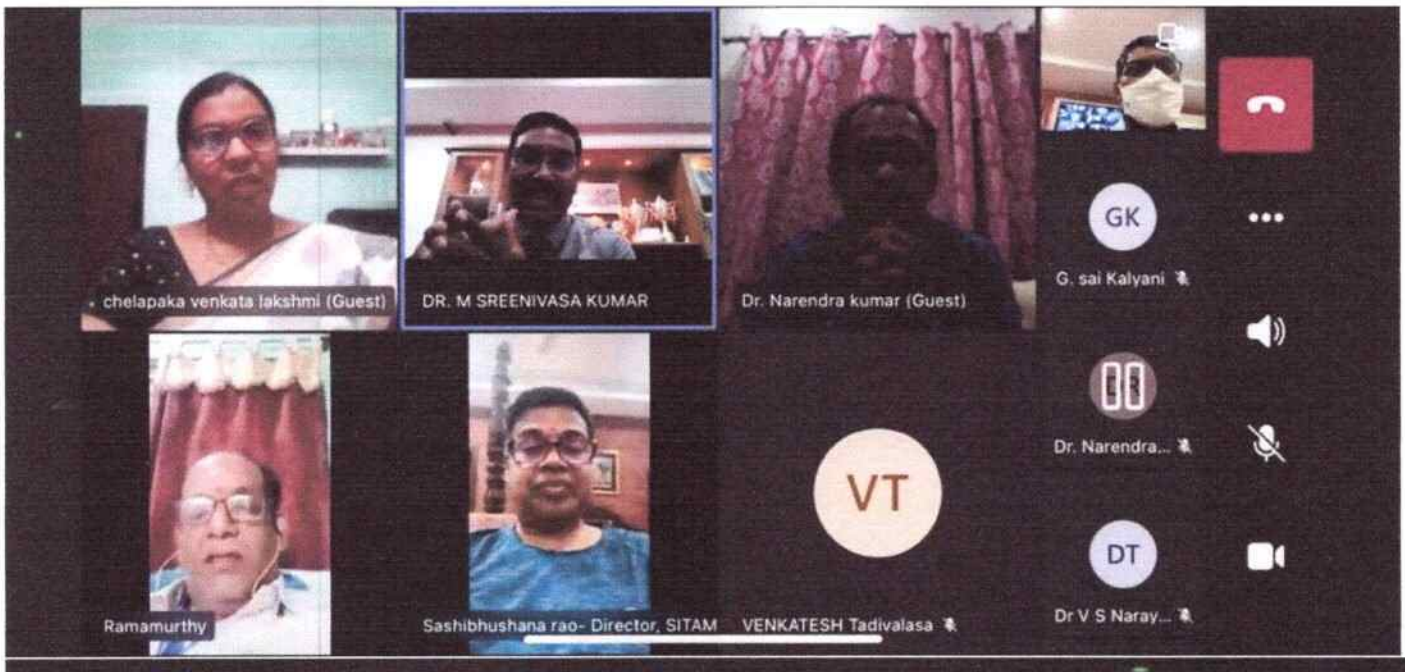



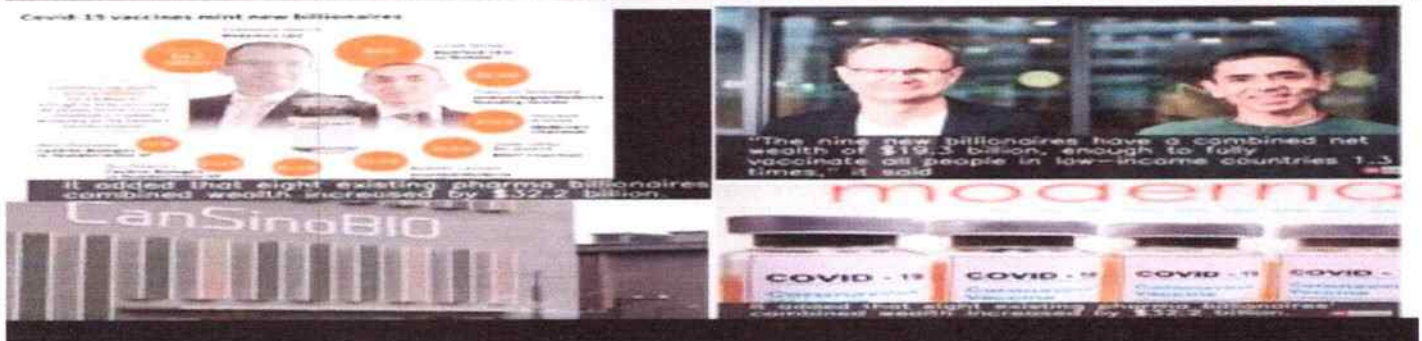



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Co-Ordinator, HOD-CSE

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A One-Week Faculty Development Program on "Modelling & Simulation Using MATLAB"

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: 21-12-2021

CIRCULAR

Department of Mechanical Engineering is organizing A One Week Faculty Development Programme on **"MODELLING AND SIMULATION USING MATLAB"** in association with **NITTTR Chandigarh** from **27/12/2021 to 31/12/2021.** for Mechanical Faculty. Request all the faculty members are to attend.

Program Convenor: Dr. B. Venkata Siva (9692464540)
Mr. M. K. John Babu (9502119613)

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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

A One Week Online Faculty Development Programme on "Modelling & Simulation Using MATLAB"

During

27th – 31st December - 2021

REGISTRATION FORM

Name: _____

Designation: _____

Mobile No.: _____

College Name: _____

E-Mail: _____

Experience: _____

Area of Research: _____

Accommodation required: Yes/No

DECLARATION

The information provided above is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the STC.

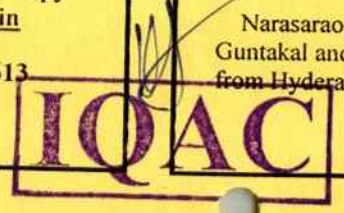
Signature of the Applicant

Date:

Place:

Note: Registration is limited to 50 members only on first-cum-first serve basis. Lunch and snacks will be provided. Send the scan copy of Registration form to mechod@nrtec.in

Any queries contact: +91-9502119613



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. 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). NEC is the first Engineering College in A.P. to sign MOU with a Foreign University. The college has AP CM Excellence centre, AI&ML centre and MSME centre. The college offers six 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.

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 on the railway line of Guntur to Guntakal and is on the state highway. It is 240 km from Hyderabad and 50km from Guntur, A.P.

A One Week Online Faculty Development Programme On "Modelling & Simulation Using MATLAB"

During

27th – 31st December - 2021

Organized

By

Department of Mechanical Engineering

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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 180.The department offers UG and PG programs. PG programs are being offered in specialization of Machine Design and Thermal Engineering. 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. 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 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.

OBJECTIVE OF SHORT TERM COURSE

MATLAB is one of the most widely used tool for a variety of tasks like modeling of mechanical systems, vibration analysis and control system design. The course is being organized to introduce the concept and applications of MATLAB to the technical teachers.

COURSE CONTENT

- Introduction to MATLAB
- Programming in MATLAB
- Modeling & Simulation in MATLAB
- Introduction to Simulink
- Complex System Modeling and Simulation in MATLAB/Simulink
- Neural Network Modeling using MATLAB

WHOM TO ATTEND

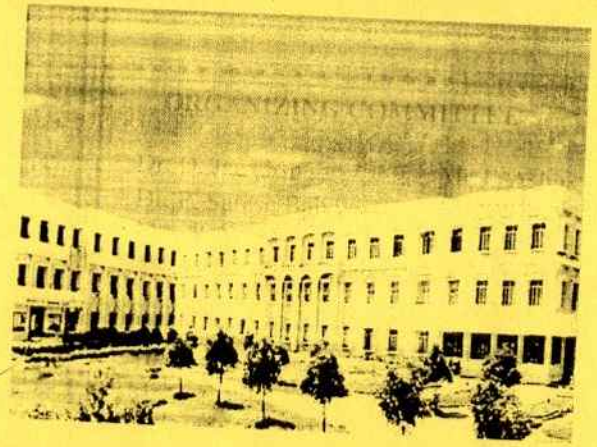
- Faculty from all the disciplines.

RESOURCE PERSON

Dr.S.S.Dhami , NITTTR –Chandigarh.
Dr. K.C.Lachhwani , NITTTR – Chandigarh.
Dr. Lini Mathew, NITTTR – Chandigarh
Dr. B.S.Dhaliwal, NITTTR – Chandigarh
Dr. Vanraj, IAIA R&D Division, Ambala

&

Team of faculty from IIT's & NITs



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Asst. Professor, Dept of ME

Convener
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M.Tech, Ph.D , M.I.S.T.E, FIE(I),ISNT
Professor & HOD, Dept. of ME

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Mr. D. Raghavendra
Mr. M. Venkanna Babu

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

Schedule

National Institute of Technical Teachers Training & Research, Chandigarh

Department of Mechanical Engineering

Short Term Course on

Modeling & Simulation using MATLAB (ICT-140 and ICT-ME-14)

December 27 – 31, 2021

Day/Date	Session I 10 AM – 11.30 AM	Session II 12 NOON – 1.30 PM	Session III 2.30 PM – 4 PM	
Monday 27-12-2021	Introduction to MATLAB (Dr. S. S. Dhami)	Programming in MATLAB (Dr. S. S. Dhami)	Practice Session on MATLAB (Dr. S. S. Dhami)	
Tuesday 28-12-2021	Mathematical Modeling of Dynamic Systems (Dr. S. S. Dhami)	Modeling & Simulation in MATLAB (Dr. S. S. Dhami)	Optimization using MATLAB (Dr. K. C. Lachhwani)	
Wednesday 29-12-2021	Digital Signal Processing using MATLAB (Dr. B. S. Dhaliwal)	Introduction to Simulink (Dr. S. S. Dhami)	Neural Network Modeling using MATLAB (Dr. Lini Mathew)	
Thursday 30-12-2021	Control System Modeling in MATLAB/Simulink (Dr. S. S. Dhami)	Special Session on IoT Technologies for Smart Cities (Expert*)	Predictive Condition Monitoring using MATLAB (Dr. Vanraj, IAIA R&D, Ambala)	
Friday 31-12-2021	Complex System Modeling and Simulation in MATLAB/Simulink (Dr. S. S. Dhami)	Hardware-In-Loop (HIL) Simulation using MATLAB/Simulink (Er. M. M. Zafar, DesignTech Systems, Delhi)	Practice Session on Modeling & Simulation (Dr. S. S. Dhami)	Feedback & Valediction

Dr. S. S. Dhami, Mechanical Engineering Department, NITTTR, Chandigarh
Dr. K. C. Lachhwani, Applied Sciences Department, NITTTR, Chandigarh
Dr. B. S. Dhaliwal, Electronics & Communication Engineering Department, NITTTR, Chandigarh
Dr. Lini Mathew, Electrical Engineering Department, NITTTR, Chandigarh
*Expert, SenRa Tech, New Delhi
Dr. Vanraj, IAIA R&D Division, Ambala
Er. M. M. Zafar, DesignTech Systems, New Delhi

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

Dr. S. S. Dhami
Course Coordinator
ssdhami@nitttrchd.ac.in
0172-2759659

Attendance Sheet

ICT based STC on **Modelling & Simulation Using MATLAB (ICT-140 and ICT-ME-14)** by Mechanical Engineering Department, NITTTR, Chandigarh

Nodal Centre: **NARASARAOPETA ENGINEERING COLLEGE :: NARASARAOPET (AUTONOMOS)**

DEPARTMENT OF MECHANICAL ENGINEERING

ATTENDANCE SHEET

S. No.	Name of Participant / Date	27/12/2021		28/12/2021		29/12/2021		30/12/2021		31/12/2021	
		M	E	M	E	M	E	M	E	M	E
1	Dr.D.Suneel										
2	Dr.B.Venkata Siva										
3	Dr.D.Jagadish										
4	M.Venkaiah										
5	P.Srinivasa Rao										
6	Ch.Sekhar	Ch.Sekhar	Ch.Sekhar	Ch.Sekhar	Ch.Sekhar	Ch.Sekhar	Ch.Sekhar	Ch.Sekhar	Ch.Sekhar	Ch.Sekhar	Ch.Sekhar
7	K.Kiran chand										
8	P.Sravani	P.Sravani	P.Sravani	P.Sravani	P.Sravani	P.Sravani	P.Sravani	P.Sravani	P.Sravani	P.Sravani	P.Sravani
9	T.Ashok kumar										
10	N. Vijaya Sekhar										
11	B. Rajiv Kumar										

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Guntur (Dt.)

S. No.	Date / Name of Participant	27/12/2021		28/12/2021		29/12/2021		30/12/2021		31/12/2021	
		M	E	M	E	M	E	M	E	M	E
12	M.VenkannaBabu										
13	K.John Babu										
14	SK.Bajan										
15	T.N.V.Mahesh Babu										
16	D.Raghvendra										
17	B.Ram Babu										
18	A.Pavan Kumar										

Countersigned by Director / Competent Authority

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Signature of Course Coordinator

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DEPT. OF ME

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Guntur (Dist.), A.P.

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: 03-01-2022

PROGRAMME REPORT

Name of the Programme : A One-Week Online Faculty Development Programme on "Modeling & Simulation Using MAT LAB"

Dates : 27th To 31 St December 2021

Details of the Resource Persons :

1. Name : Dr . Sukhdeep Singh Dhami
   Designation : Professor
   Organization : NITTTR, Chandigarh
   Phone No : 0172-2759659
   Mail.Id : ssdhami@nitttrchd.ac.in.
2. Name : Dr. Kailash Chandra Lachhwani
   Designation : Assistant Professor
   Organization : NITTTR, Chandigarh
   Phone No : 0172-2759771
   Mail.Id : kailashclachhwani@yahoo.com.

Objective of the programme:

Simulation software helps you predict the behavior of a system. You can use simulation software to evaluate a new design, diagnose problems with an existing design, and test a system under conditions that are hard to reproduce, such as a satellite in outer space.

Engineers and scientists use Simulink to perform multidomain modelling and simulation, because you can reuse models across environments to simulate how all parts of the system work together. With Simulink, you can:

- Model your system across domains using specific tools and prebuilt blocks.

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- Develop large-scale models through componentization with reusable system components and libraries.
- Combine your models into one system-level simulation even if they weren't built in Simulink.
- Run massive simulations in parallel on your multicore desktop, computer cluster, or the cloud, without writing lots of code.
-

Topic Covered:

Mathematical models are critical to understanding and accurately predicting the behavior of complex systems. These models enable critical tasks, such as:

- Introduction of MATLAB
- Programming in MATLAB
- Forecasting and optimizing system behavior
- Designing control systems
- Characterizing system response

Products provide all the tools you need to develop mathematical models. MATLAB supports both numeric and symbolic modelling approaches and provides curve fitting, statistics, optimization, ODE and PDE solving, calculus, and other core mathematical tools. Simulink adds an environment for modelling and simulating the behaviour of multidomain systems and for developing embedded systems.

Outcome of the programme:

- Implement and test your algorithms easily.
- Develop the computational codes easily.
- Debug easily.
- Use a large database of built-in algorithms.
- Process still images and create simulation videos easily.
- Symbolic computation can be easily done.
- Call external libraries.

No. of participants: 60

Coordinator

HOD

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

Press Note & Coverage

NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)
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 : 47
Twice Accredited by **NBA** & **NAAC "A"** Grade - **ISO** 9001 : 2008 Certified Institution.
✆ 08647-239903 & 08647-239902 (Fax) Visit us at : www.nrtec.ac.in e-mail : principal@nrtec.ac.in

Press Note

27.12.2021

ఎన్. ఈ. సీ లో NITTTR చండీగర్ సౌజన్యంతో పారంభమైన అధ్యాపక శిక్షణా శిబిరం

స్థానిక నరసరావుపేట ఇంజనీరింగ్ కళాశాల మెకానికల్ ఇంజనీరింగ్ విభాగం ఆధ్వర్యంలో NITTTR చండీగర్ అధ్యాపక బృందం పర్యవేక్షణలో "మోడలింగ్ & సిమ్యులేషన్ యూసింగ్ మాట్ ల్యాబ్ (Modeling & Simulation using MATLAB)" అనే అంశంపై వారం రోజుల అధ్యాపక శిక్షణా శిబిరం ఈ రోజు ప్రారంభం అయినట్లు మెకానికల్ విభాగాధిపతి డాక్టర్ బి.వేంకట శివ గారు తెలియజేశారు.

కళాశాల వైస్ పిన్సిపాల్ డాక్టర్ డి. సునీల్ గారు గారు మాట్లాడుతూ ఈ వారం రోజుల శిక్షణ శిబిరంలో మాట్ ల్యాబ్ యొక్క ఆవశ్యకత, ప్రోగ్రామింగ్, ఆప్టిమైజషన్, డిజిటల్ సిగ్నల్ ప్రాసెసింగ్, న్యూరల్ నెట్వర్క్ మోడలింగ్, కంట్రోల్ సిస్టం మోడలింగ్, ప్రిడిక్టీవ్ కండిషన్ మానిటరింగ్, ఐఒటీ టెక్నాలజీస్ ఫర్ స్మార్ట్ సిటీస్, మేథమెటికల్ మోడలింగ్ అఫ్ డైనమిక్ సిస్టమ్స్ మరియు ప్రాక్టీస్ సెషన్స్ ఆన్ మాట్ ల్యాబ్ మొదలగు అంశాలపై అధ్యాపకులకు శిక్షణ ఉంటుందన్నారు.

ఈ సందర్భంగా కళాశాల పిన్సిపాల్ డాక్టర్ యమ్. శ్రీనివాస కుమార్ గారు మాట్లాడుతూ ఈ మాట్ ల్యాబ్ లో మెకానికల్, ఎలక్ట్రానిక్, కంప్యూటర్ సైన్స్ ఇంజనీరింగ్ కి సంభందించిన టెక్నాలజీ ఉండడం వలన దీనిని ముఖ్యంగా రోబోట్స్ ని తాయారు చేయడానికి, ఆల్గోరిథమ్స్, కంప్యూటేషనల్ కోడ్స్, సిమ్యులేషన్ వీడియోస్ మొదలైన వాటిని చేయడానికి ఉపయోగిస్తారని అన్నారు.

కళాశాల వైస్ చైర్మన్ శ్రీ మిట్టపల్లి చక్రవర్తి గారు మాట్లాడుతూ ఈ మాట్ ల్యాబ్ టెక్నాలజీ ని అతి పెద్ద కంపెనీలైన డబల్ స్లాష్, AMD, బ్రాడ్ కామ్, డిఫ్ బాట్, అడెక్ట్, వోల్వో కార్స్ వాడుతున్నారని తెలియజేశారు. అందువల్ల ఈ నాలెడ్జి ని విద్యార్థుల కు చేరవేయడం ద్వారా వారికి ఉద్యోగ అవకాశాలు పెరుగుతాయని 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. ఈ కార్యక్రమ సమన్వయకర్తగా కె. జాన్ బాబు గారు వ్యవహరించారు

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

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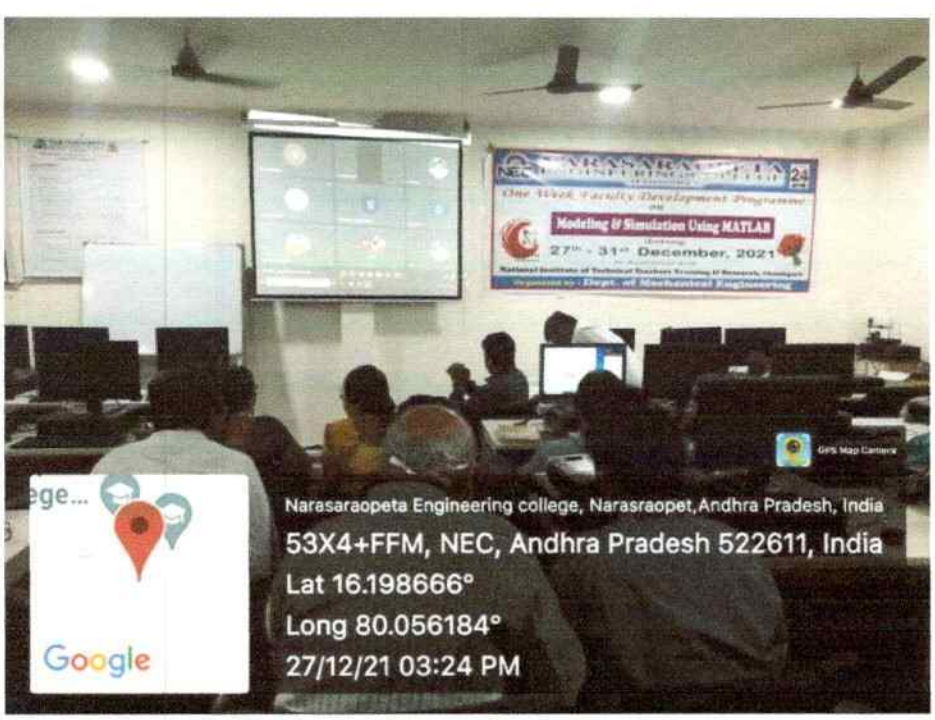
Photos

A One-Week Faculty Development Program on

"Modelling & Simulation Using MATLAB"



All the faculty actively participated in A One-Week Faculty Development Program on
"Modelling & Simulation Using MATLAB"



All the faculty actively participated in A One-Week Faculty Development Program on
"Modelling & Simulation Using MATLAB"

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Sample Certificates

Certificate No : 10746/22-23

National Institute of Technical Teachers Training and Research Chandigarh

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA

Certificate

This is to certify that

SHAIK BAJAN

NARASARAOPETA ENGINEERING COLLEGE , NARASARAOPET
ANDHRA PRADESH

Participated in the Online AICTE Recognized Faculty Development Programme

on

Modeling & Simulation using MATLAB

from

27/12/2021 to 31/12/2021 (one Week)

Conducted by

Mechanical Engineering Department

NITTTR, Chandigarh

Co-ordinator

Head of the Department

Director

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Guntur (Dist.), A.P.

Certificate No : 10745/22-23

National Institute of Technical Teachers Training and Research Chandigarh

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA

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SEKHAR CHINTHAMREDDY

NARASARAOPETA ENGINEERING COLLEGE, NARASARAOPET
ANDHRA PRADESH

Participated in the Online AICTE Recognized Faculty Development Programme

on

Modeling & Simulation using MATLAB

from

27/12/2021 to 31/12/2021 (one Week)

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Co-ordinator

Head of the Department

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Guntur (Dist.), A.P.

Certificate No : 10727/22-23

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A PAVAN KUMAR

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ANDHRA PRADESH

Participated in the Online AICTE Recognized Faculty Development Programme

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27/12/2021 to 31/12/2021 (one Week)

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Certificate No : 10738/22-23

National Institute of Technical Teachers Training and Research Chandigarh

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This is to certify that

KANDRU JOHN BABU

NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS),
NARASARAOPET
ANDHRA PRADESH

Participated in the Online AICTE Recognized Faculty Development Programme

on

Modeling & Simulation using MATLAB

from

27/12/2021 to 31/12/2021 (one Week)

Conducted by

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Guntur (Dist.), A.P.

Certificate No : 10737/22-23

National Institute of Technical Teachers Training and Research Chandigarh

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA

Certificate

This is to certify that

DR.SUNEEL DONTHAMSETTY

NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS), NARASARAOPET ANDHRA PRADESH

Participated in the Online AICTE Recognized Faculty Development Programme

on

Modeling & Simulation using MATLAB

from

27/12/2021 to 31/12/2021 (one Week)

Conducted by

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NITTTR, Chandigarh

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Head of the Department

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This is to certify that

DR BATHULA VENKATA SIVA

NARASARAOPETA ENGINEERING COLLEGE , NARASARAOPET
ANDHRA PRADESH

Participated in the Online AICTE Recognized Faculty Development Programme

on

Modeling & Simulation using MATLAB

from

27/12/2021 to 31/12/2021 (one Week)

Conducted by

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Guntur (Dist.), A.P.

Certificate No : 10739/22-23

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Certificate

This is to certify that

KIRAN CHAND KOPILA

NARASARAOPETA ENGINEERING COLLEGE(AUTONOMOUS), NARASARAOPETA, YALLAMANDA POST, GUNTUR DIST. ANDHRA PRADESH

Participated in the Online AICTE Recognized Faculty Development Programme

on

Modeling & Simulation using MATLAB

from

27/12/2021 to 31/12/2021 (one Week)

Conducted by

Mechanical Engineering Department

NITTTR, Chandigarh

Co-ordinator

Head of the Department

Director

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

Certificate No : 10742/22-23

National Institute of Technical Teachers Training and Research Chandigarh

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA

Certificate

This is to certify that

PATHURI SRINIVASARAO

NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS),
NARASARAOPET
ANDHRA PRADESH

Participated in the Online AICTE Recognized Faculty Development Programme

on

Modeling & Simulation using MATLAB

from

27/12/2021 to 31/12/2021 (one Week)

Conducted by

Mechanical Engineering Department

NITTTR, Chandigarh

Co-ordinator

Head of the Department

Director

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

One week Faculty Development Program on 3D & 4D Printing Applications

CIRCULAR

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: 11/01/2022

CIRCULAR

We wish to inform that Department of Mechanical Engineering is going to conduct a Faculty Development Programme on **"3D & 4D Printing Applications"** on **17-01-2022 to 21-01-2022** in association with National Institute of Technical Teachers Training & Research (NITTTR), Chandigarh. The interested faculty please register to the Programme using the following link:

https://www.ulektzcampus.com/nitttr

Programme Convenor: Dr. B. Venkata Siva

Programme Coordinator: Mr. Shaik. Nagul Meeravali

IQAC HOD PRINCIPAL

Copy To:

1. Chairman, for information
2. Principal
3. AO for necessary arrangements
4. Department notice boards
5. Copy to HODs (for circulation among staff)

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

SCHEDULE

National Institute of Technical Teachers Training & Research, Chandigarh

Department of Mechanical Engineering

Short Term Course on 3D and 4D Printing Applications (ICT-129 and ICT-ME-9)

January 17 – 21, 2022

Day/Date	Session I 10 AM – 11.30 AM	Session II 11.45 – 1.15 PM	Session III 2.30 PM – 4 PM
Monday 17-01-2022	Introduction to3D printing (Dr. Rupinder Singh)	Special Session on NationalEducation Policy – 2020 (Dr. B. S. Pabla)	Design of experiments for 3D printing (Dr. Sanjeev Kumar)
Tuesday 18-01-2022	Multi-material 3D printing (Dr. Rupinder Singh)	Material characterization for 3D printing (Dr. Sanjeev Kumar)	Assignment 1/ Lab session (Dr. Rupinder Singh)
Wednesday19- 01-2022	FEM analysis for 3D printing (Dr. G.S. Brar)	4D printing for sensor applications (Dr. Rupinder Singh)	3D printing for veterinary applications (Dr. Arun Anand)
Thursday 20-01-2022	Machine Learning for 3D printing (Dr. S. S. Dhami)	Design for 3D manufacturing (Dr. B. S. Pabla)	3D printing for orthopedic applications (Dr. Ashwani Kumar)
Friday 21-01-2022	~~Applications~~ of MADM for 3D printing (Dr. Harwinder Singh)	DMA applic~~ations for free~~form fabrication (Dr. Kamaljit Singh Boparai)	~~Feedback & V~~alediction (Dr. Rupinder Singh)

→ Dr. B. S. Pabla, Professor, Mechanical Engineering Department, NITTTR, Chandigarh
→ Dr. S. S. Dhami, Professor, Mechanical Engineering Department, NITTTR, Chandigarh
→ Dr. Sanjeev Kumar, Professor, Mechanical Engineering Department, Punjab Engineering College, Chandigarh
→ Dr. Rupinder Singh, Professor, Mechanical Engineering Department, NITTTR, Chandigarh
→ Dr. Harwinder Singh, Professor, Mechanical Engineering Department, GNDEC, Ludhiana
→ Dr. Kamaljit Singh Boparai, Asst. Professor, Mechanical Engineering Department, MRSPTU, Bathinda
→ Dr. Ashwani Kumar, Professor, GADVASU Ludhiana
→ Dr. Arun Anand, Professor, GADVASU Ludhiana
→ Dr. G.S,Brar, Assoc. Prof., Mechanical Engineering Department, NIT U.K

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

Dr. Rupinder Singh
Course Coordinator
rupindersingh@nitttrchd.ac.in

Brochure

One Week Faculty Development Programme on "3D & 4D Printing Applications"

During

17th – 21st January - 2022

REGISTRATION FORM

Name:_____

Designation: _____

Mobile No.:_____

College Name: _____

E-Mail:

Experience:_____

Area of Research: _____

Accommodation required: Yes/No

DECLARATION

The information provided above is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the STC.

Signature of the Applicant

Date:

Place:

Note: Registration is limited to 50 members only on first-cum-first serve basis. Lunch and snacks will be provided. Send the scan copy of Registration form to

mechhod@nrtec.in

Any queries contact: 08647-239923

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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 institute got awarded 'AAA' Ranking by CAREERS 360. 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). NEC is the first Engineering College in A.P. to sign MOU with a Foreign University. The college has AP CM Excellence centre, AI&ML centre and MSME centre. The college offers six 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.

In order to build a vibrant entrepreneurship ecosystem institute has MoU with **TiE** Hyderabad. Also, the college has Indo-European skilling Centre for Mechatronics and Industrial Robotics in collaboration with APSSDC and ARC (Applied Robot Control), Germany. The college has Dassault Systems 3D Experience Lab, Established in Collaboration with APSSDC. AP CM's Skill Excellence Center is also established to provide students access to the most advanced courses by industry giants. The college has Institution Innovation Council approved by MHRD-IIC. The college is a member of Internshala-Internship Partner. 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 Guntur 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 Faculty Development Programme on "3D & 4D Printing Applications"

During

17th – 21st January - 2022

Organized

By

Department of Mechanical Engineering

NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)

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

Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada,
Accredited 'A' Grade by NAAC, Accredited Twice by NBA,
Recognized R&D center by JNTUK,
ISO 9001: 2008 Certified.

Phone : 08647-239923
FAX : 08647-239902
E-Mail : mechhod@nrtec.in

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

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 180.The department offers UG and PG programs. PG programs are being offered in specialization of Machine Design and Thermal Engineering. 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. 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 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.

ABOUT SHORT TERM COURSE

Modeling is a way to create a virtual representation of a real-world system that includes software and hardware. If the software components of this model are driven by mathematical relationships, you can simulate this virtual representation under a wide range of conditions to see how it behaves.

Modeling and simulation are especially valuable for testing conditions that might be difficult to reproduce with hardware prototypes alone, especially in the early phase of the design process when hardware may not be available. Iterating between modeling and simulation can improve the quality of the system design early, thereby reducing the number of errors found later in the design process.

Program objectives

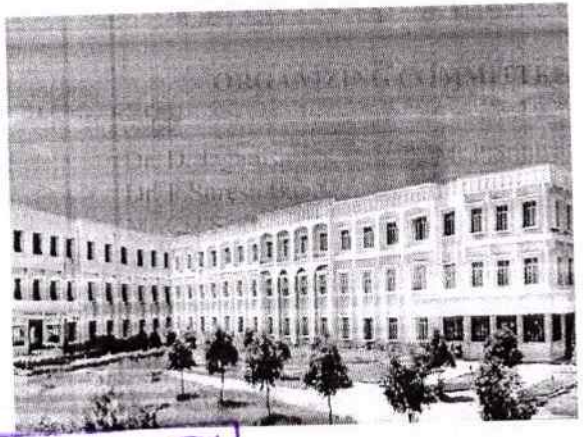
- Introduction to 3D printing
- Design of Experiments of 3D printing
- Multi material 3D printing
- Material characterization for 3D printing
- 4D printing for sensor applications
- Machine learning for 3D printing
- 3D Printing for veterinary applications.

WHOM TO ATTEND

- Faculty from all disciplines

RESOURCE PERSON

Dr.S.S.Dhami , NITTTR –Chandigarh.
Dr. B. S. Pabla, NITTTR –Chandigarh
Dr. Rupinder Singh, NITTTR – Chandigarh
Dr. Sanjeev Kumar, Punjab Engineering College, Chandigarh
Dr. Arun Anand, GADVASU Ludhina
Dr. Harwinder Singh, GNDEC, Ludhiana
&
Team of faculty from IIT's & NITs



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Vice - Chairman, NEC Group

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Chairman, NEC Group

Sri M. Ramesh Babu
Secretary, NEC Group

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

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

Co-Ordinator

Mr.SK. Nagul Meeravali M.Tech
Asst.Professor, Dept.of ME

Convener

Dr.B.Venkata Siva
M.Tech, Ph.D (UK), M.I.S.T.E, FIE (I)
Professor & HoD Dept Of ME

ORGANIZING COMMITTEE

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Dr. P.Suresh Babu
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Mr.N.V.Sekhar
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Guntur (Dist.), A.P.

ATTENDANCE SHEET

ICT based STC on **3D & 4D Printing Applications (ICT-ME-14)** by Mechanical Engineering Department, NITTTR, Chandigarh

Nodal Centre: **NARASARAOPETA ENGINEERING COLLEGE :: NARASARAOPET (AUTONOMOS)**
DEPARTMENT OF MECHANICAL ENGINEERING

ATTENDANCE SHEET

S. No.	Date / Name of Participant	17/01/2022		18/01/2022		19/01/2022		20/01/2022		21/01/2022	
		M	E	M	E	M	E	M	E	M	E
1	Dr.B.Venkata Siva										
2	Dr.D.Jagadish										
3	Dr.P.Suresh Babu										
4	M.Venkaiah										
5	P.Srinivasa Rao										
6	Ch.Sekhar										
7	K.Kiran chand										
8	P.Sravani										
9	T.Ashok kumar										
10	N. Vijaya Sekhar										
11	B. Rajiv Kumar										

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Guntur (Dist.), A.P.

S. No.	Date / Name of Participant	17/01/2022		18/01/2022		19/01/2022		20/01/2022		21/01/2022	
		M	E	M	E	M	E	M	E	M	E
12	K.John Babu										
13	SK.Bajan										
14	T.N.V.Mahesh Babu										
15	D.Raghvendra										
16	B.Ram Babu										
17	A.Pavan Kumar										
18	SK.Nagul Meeravali										

Countersigned by Director / Competent Authority

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Signature of Course Coordinator

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

PROGRAMME 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: 22-01-2022

Program Report

Program Name: 3D & 4D Printing Applications

Date/ Duration: 17-01-2022 – 21-1-2022

Name of the Resource Persons:

Dr. B. S. Pabla, Professor, Mechanical Engineering Department, NITTTR, Chandigarh

Dr. S. S. Dhami, Professor, Mechanical Engineering Department, NITTTR, Chandigarh

Dr. Sanjeev Kumar, Professor, Mechanical Engineering Department, Punjab Engineering College, Chandigarh

Dr. Rupinder Singh, Professor, Mechanical Engineering Department, NITTTR, Chandigarh

Dr. Harwinder Singh, Professor, Mechanical Engineering Department, GNDEC, Ludhiana

Dr. Kamaljit Singh Boparai, Asst. Professor, Mechanical Engineering Department, MRSPTU, Bathinda

Dr. Ashwani Kumar, Professor, GADVASU Ludhiana

Dr. Arun Anand, Professor, GADVASU Ludhiana

Dr. G.S,Brar, Assoc. Prof., Mechanical Engineering Department, NIT U.K

Number of Participants: 19

Programme Objective: After completion of the Programme, participants will be able to

- Understanding the material characterization for 3D printing.
- Understand the concepts of FEM analysis for the 3D printing.
- Introduction to the 4D printing and 4D printing for sensor applications.
- Explain the concept of MADM and applications of MADM for 3D printing.
- 3D printing for veterinary and orthopaedic applications.
- Explain the concept of DMA and applications for free fabrication

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Topics Covered: The following topics were discussed in this faculty development programme

- Introduction to3D printing
- Design of experiments for 3D printing
- Multi-material 3D printing
- Material characterization for 3D printing
- FEM analysis for 3D printing
- 4D printing for sensor applications
- 3D printing for veterinary applications
- Machine Learning for 3D printing
- Design for 3D manufacturing
- 3D printing for orthopedic applications
- Applications of MADM for 3D printing
- DMA applications for freeform fabrication

Programme Outcomes:

- Learned the material characterization for 3D printing.
- Learned the concepts of FEM analysis for the 3D printing.
- Learn the basics of the 4D printing and 4D printing for sensor applications.
- Learned the concepts of MADM and applications of MADM for 3D printing.
- Learned 3D printing for veterinary and orthopaedic applications.

Programme Coordinator

HoD - ME

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PRESS NOTE & COVERAGE

ఎన్ఇసిలో అధ్యాపక శిక్షణా శిబిరం

నరసరావుపేట, జనవరి 17 ప్రభాతవార్త : నరసరావుపేట ఇంజనీరింగ్ కళాశాలలో సోమవారం మెకానికల్ విభాగం ఆధ్వర్యంలో ఎస్ఐటిటిటిఆర్ చండీఘర్ అధ్యాపక శిక్షణా శిబిరం ప్రారంభమైంది. 3డి, 4డి ప్రింటింగ్, అప్లికేషన్స్ అనే అంశంపై వారం రోజుల అధ్యాపక శిక్షణా శిబిరం జరుగుతుందన్నారు. కళాశాల వైస్ ఛైర్మన్ మిట్టపల్లి చక్రవర్తి, కార్యదర్శి మిట్టపల్లి రమేష్‌లు మాట్లాడుతూ ఈ శిక్షణా శిబిరం ద్వారా గృహ నిర్మాణాలకు, మెడికల్ రంగంలోనూ అనేక ప్రయోజనాలు ఉన్నాయని తెలిపారు. తమ కళాశాలలో 3డి ప్రింటర్ యంత్రాన్ని విద్యార్థులకు అందుబాటులో ఉంచామని తెలిపారు. విద్యార్థులకు ఆధునిక పరిజ్ఞానంపై అవగాహన పెంచేందుకు ఇటువంటి కార్యక్రమాలు నిర్వహిస్తున్నట్లు వారు తెలియజేశారు. ఈ కార్యక్రమంలో ప్రిన్సిపాల్ డాక్టర్ డి.సునీత, డాక్టర్ ఎం.శ్రీనివాసమూర్తి పాల్గొన్నారు.

ప్రభాత వార్త
Tue, 18 January 2022
https://epaper.vaarth.

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

ABN
ఆంధ్రజ్యోతి

ఎన్‌ఈసీలో అధ్యాపక శిక్షణ శిబిరం ప్రారంభం

నరసరావుపేట రూరల్, జనవరి 17 : స్థానిక నరసరావుపేట ఇంజనీరింగ్ కళాశాల మెకానికల్ ఇంజనీరింగ్ విభాగం ఆధ్వర్యంలో ఎస్‌ఐటీటీఆర్, చండీఘర్ అధ్యాపక బృందం పర్యవేక్షణలో 3డి, 4డి ప్రింటింగ్ అప్లికేషన్స్ అనే అంశంపై వారం రోజుల అధ్యాపకుల శిక్షణ శిబిరం సోమవారం ప్రారంభించినట్లు మెకానికల్ విభాగాధిపతి డాక్టర్ బీ.వెంకటశివ తెలిపారు. కార్యక్రమంలో కళాశాల ఛైర్మన్ మిట్టపల్లి వెంకట కోదేశ్వరరావు, మిట్టపల్లి రమేష్‌బాబు, మిట్టపల్లి చక్రవర్తి, ప్రిన్సిపల్ డాక్టర్ ఎం.శ్రీనివాసకుమార్ తదితరులు పాల్గొన్నారు.

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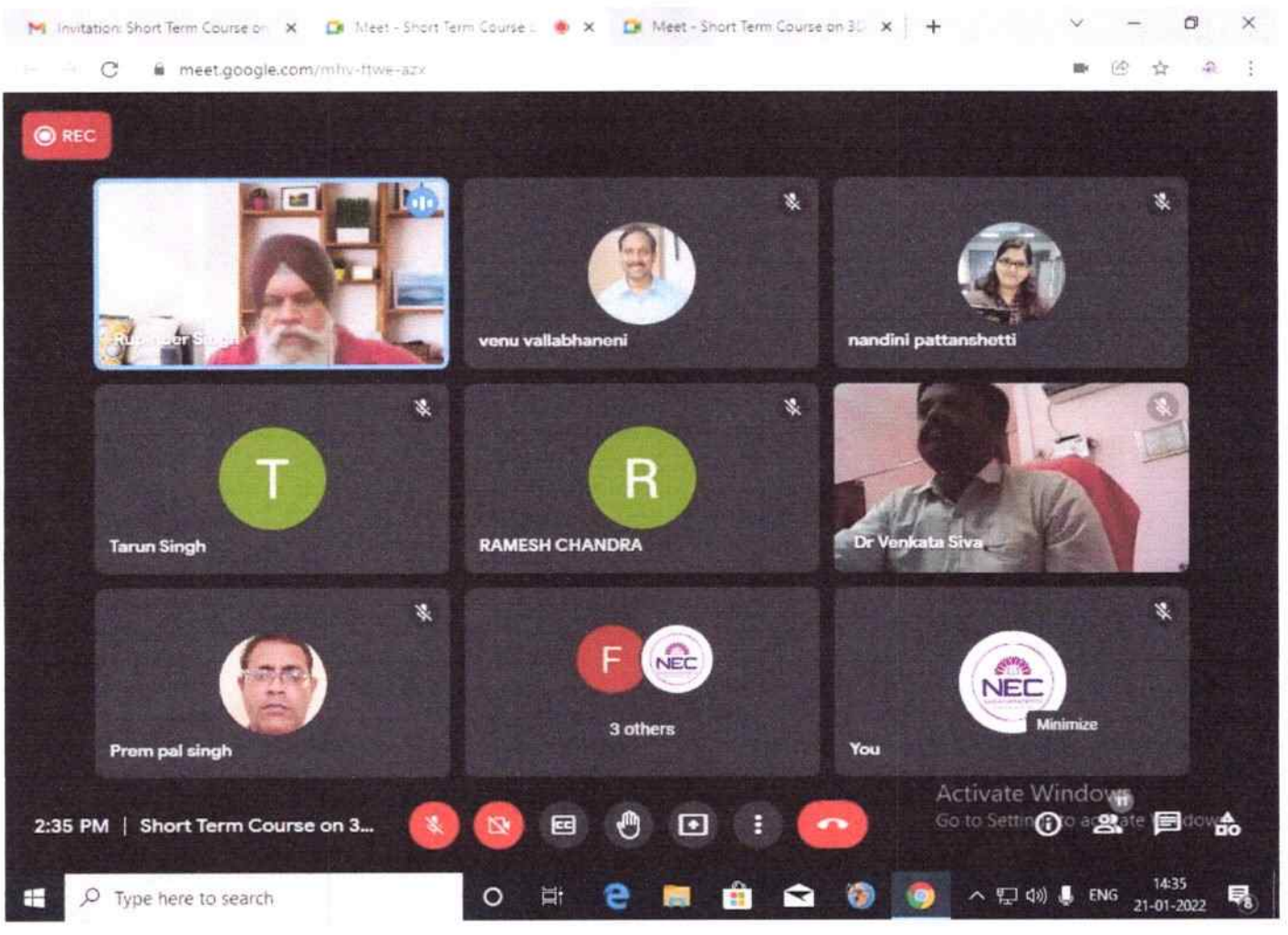
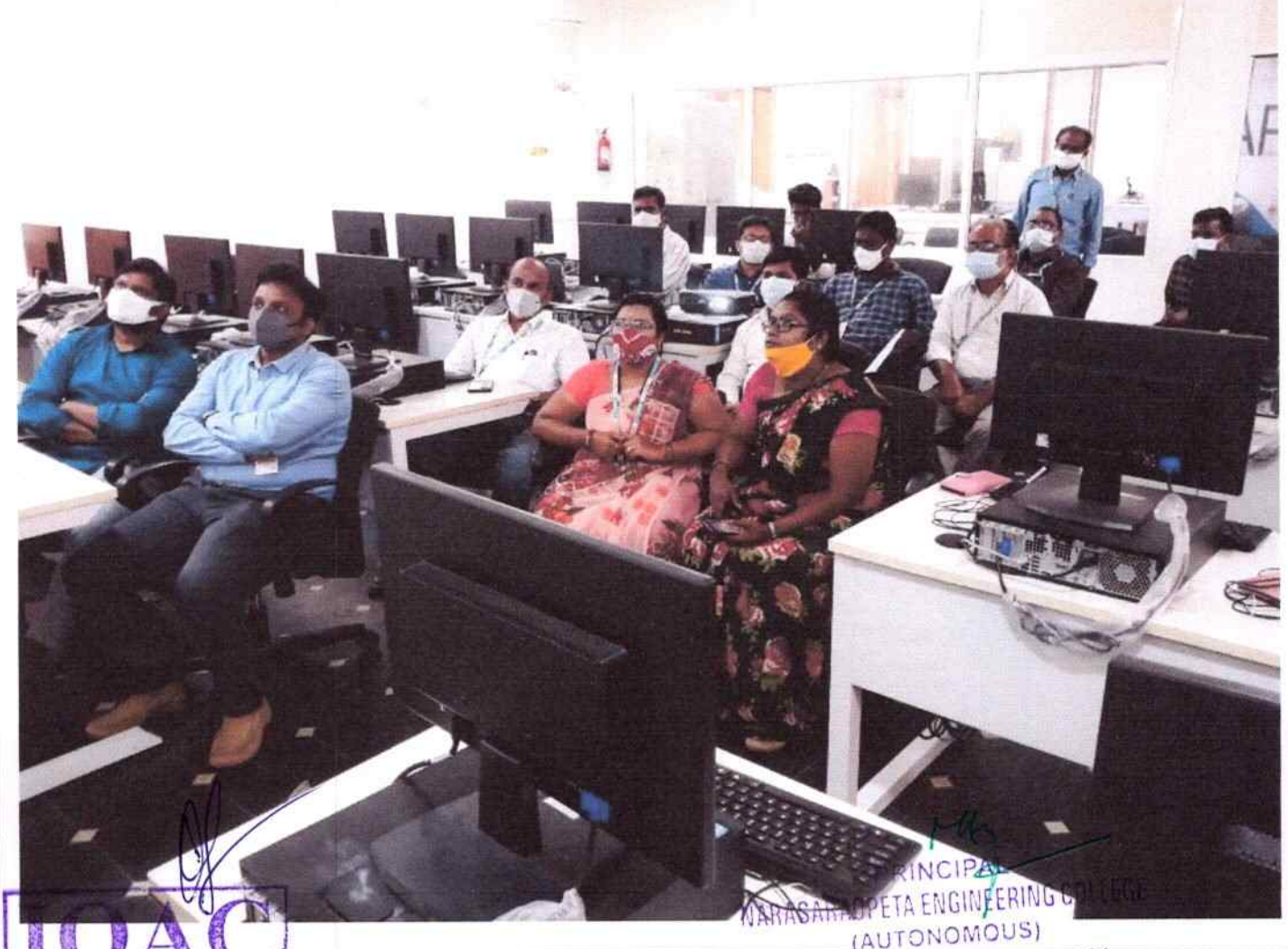
(AUTONOMOUS)
NARASARAOPET - 522 601
Guntur (Dist.), A.P.

PHOTOS





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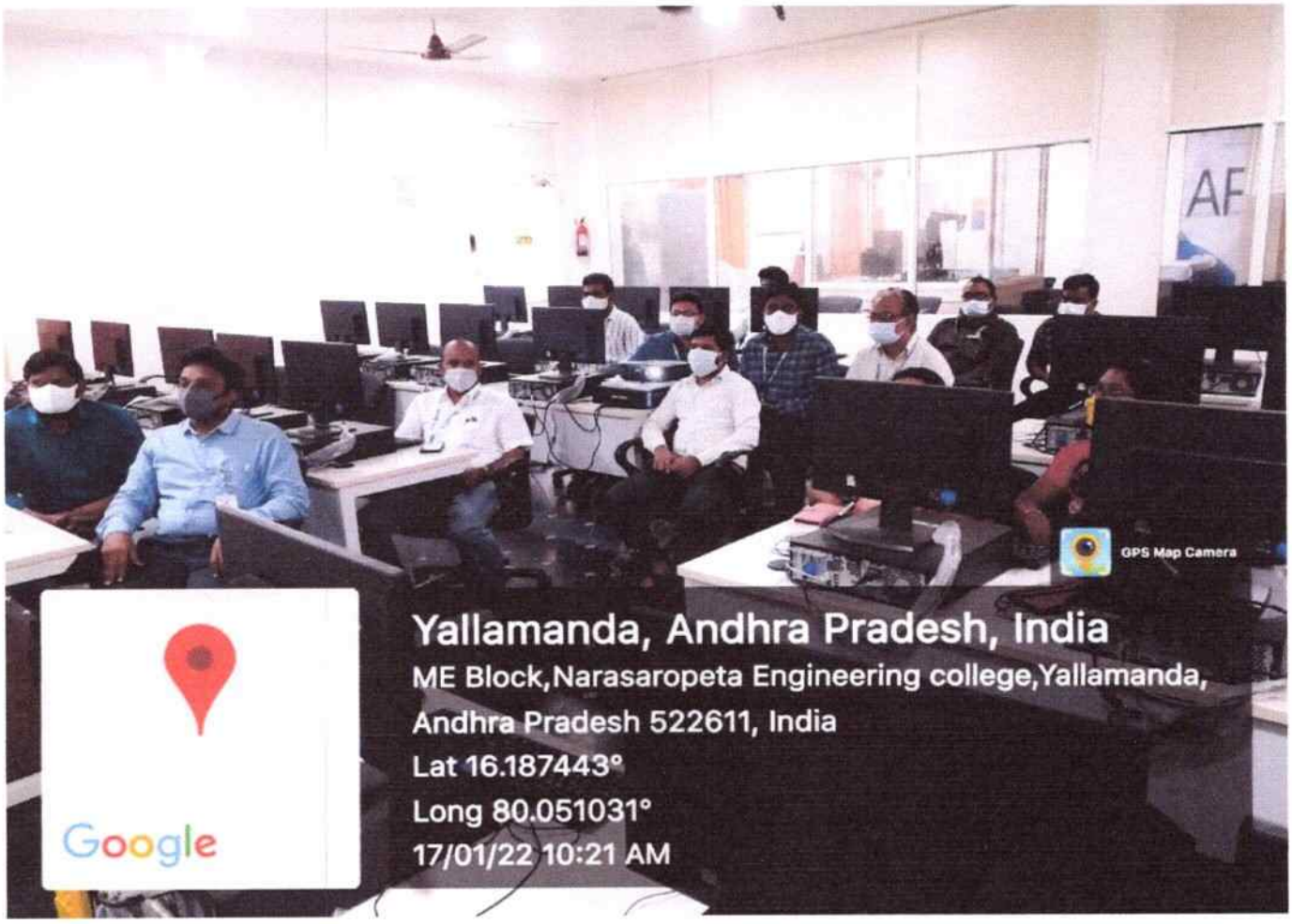

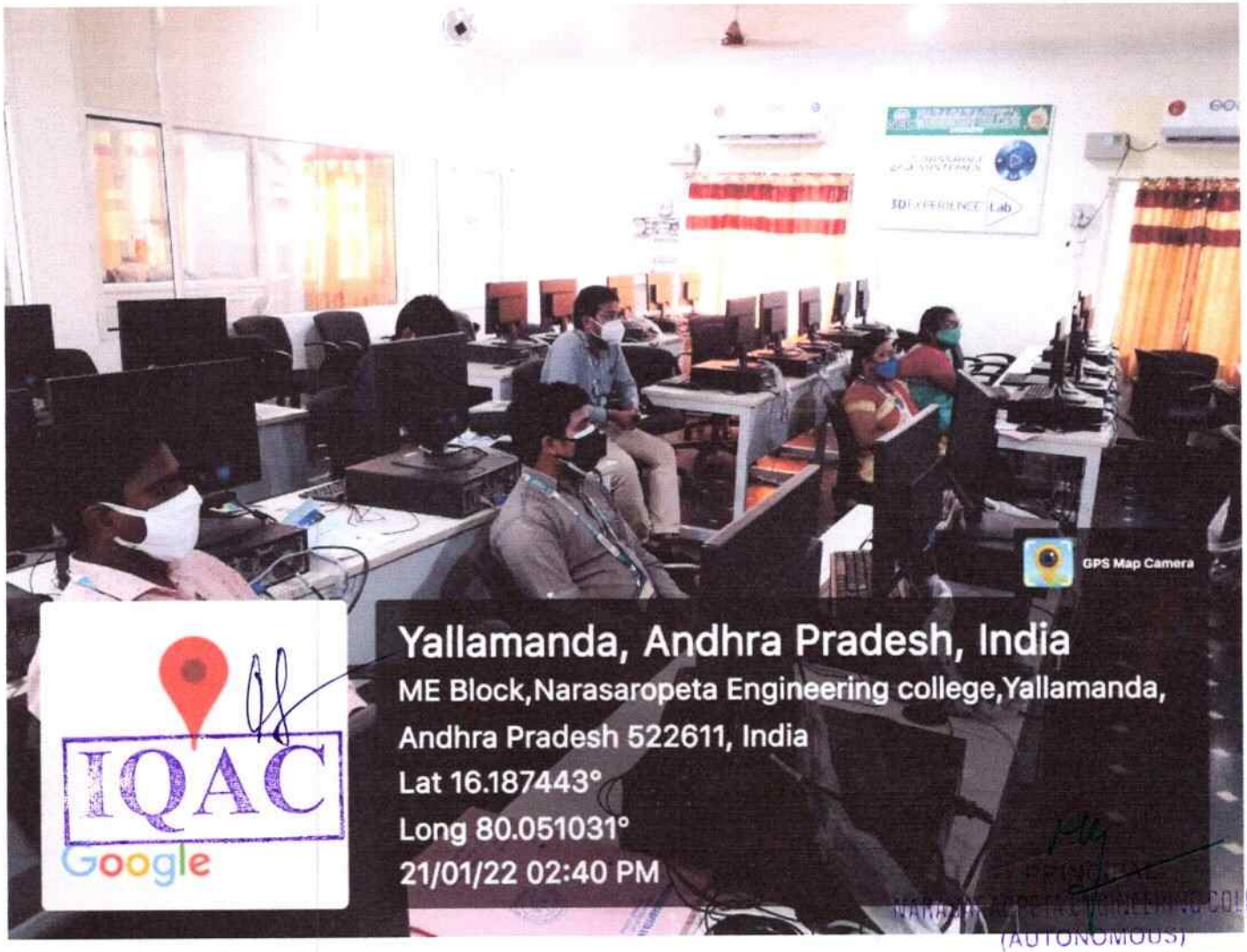

(AUTONOMOUS)
NARASARAOPET - 522 601
Guntur (Dist.), A.P.

Certificate No : 11232/22-23

National Institute of Technical Teachers Training and Research Chandigarh

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA

Certificate

This is to certify that

PILLI SRAVANI

NARASARAOPETA ENGINEERING COLLEGE , NARASARAOPET
ANDHRA PRADESH

Participated in the Online AICTE Recognized Faculty Development Programme

on

3D & 4D Printing Applications

from

17/01/2022 to 21/01/2022 (one Week)

Conducted by

Mechanical Engineering Department

NITTTR, Chandigarh

Co-ordinator

Head of the Department

Director

QAC

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

CERTIFICATES

Certificate No : 11176/22-23

National Institute of Technical Teachers Training and Research Chandigarh

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA

Certificate

This is to certify that

DR BATHULA VENKATA SIVA

NARASARAOPETA ENGINEERING COLLEGE , NARASARAOPET
ANDHRA PRADESH

Participated in the Online AICTE Recognized Faculty Development Programme

on

3D & 4D Printing Applications

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

Certificate No : 11189/22-23

National Institute of Technical Teachers Training and Research Chandigarh

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA

Certificate

This is to certify that

PENUGONDA SURESH BABU

NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS) ,
NARASARAOPET
ANDHRA PRADESH

Participated in the Online AICTE Recognized Faculty Development Programme

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

Certificate No : 11187/22-23

National Institute of Technical Teachers Training and Research
Chandigarh

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA

Certificate

This is to certify that

NELATURI VIJAYA SEKHAR

NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS),
NARASARAOPET
ANDHRA PRADESH

Participated in the Online AICTE Recognized Faculty Development Programme

on

3D and 4D Printing Applications

from

17/01/2022 to 21/01/2022 (one Week)

Conducted by

Mechanical Engineering Department

NITTTR, Chandigarh

Co-ordinator

Head of the Department

Director

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

Certificate No : 11192/22-23

National Institute of Technical Teachers Training and Research Chandigarh

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA

Certificate

This is to certify that

SHAIK NAGUL MEERAVALI

NARASARAOPETA ENGINEERING COLLEGE, NARASARAOPET
ANDHRA PRADESH

Participated in the Online AICTE Recognized Faculty Development Programme

on

3D and 4D Printing Applications

from

17/01/2022 to 21/01/2022 (one Week)

Conducted by

Mechanical Engineering Department

NITTTR, Chandigarh

Co-ordinator

Head of the Department

Director

IQAC

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

Certificate No : 11186/22-23

National Institute of Technical Teachers Training and Research Chandigarh

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA

Certificate

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N V MAHESH BABU T

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

A 5- Day online Faculty Development Programme on Natural Language Processing

A 5-Day online FDP on Natural Language Processing

Circular

NARASARAOPETA 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 COMPUTER SCIENCE ENGINEERING

Date: 19-02-2022

CIRCULAR

All the Teaching staff members are here by informed that IQAC & Department of Computer Science and Engineering is going to organize A 5- Day online Faculty Development Pogramme on Natural Language Processing from 21st -25th February, 2022. All the registered Teaching staff are requested to attend the FDP without fail.

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

Coordinator : Dr. B. Jhansi Vazram
Professor in CSE Dept.

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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Broucher

Course Content:

- Language Modeling and Sequence Tagging
- Vector Space Models of Semantics
- Syntactic Processing
- Sequence to Sequence Tasks
- Dialog Systems
- Unification-based NLP and Semantics

Resource Persons:

Prof. Pushpak Bhattacharya, IITB

Dr. Asif Ekbal, IITP

Dr. Sriparna Saha, IITP

Dr. Atul Gupta, IIITDMJ

Dr. J. P. Singh, NITP

Dr. Namita Mittal, MNITJ

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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 5- Day online
Faculty Development Programme
on
Natural Language Processing
21st-25th February, 2022

Organized
by

Department of
Computer Science & Engineering

NARASARAOPETA
NEC ENGINEERING COLLEGE
(AUTONOMOUS)

Thrice Accreted By NBA and Accreted By NAAC
(Approved By AICTE, New Delhi, Permanently Affiliated To JNTUK, Kakinada)
Kotappakonda Road, Yallmanda Village,
NARASARAOPET, GUNTUR DIST, A.P.
www.nrtec.in, Email: csehod@nrtec.in
Ph: 08647 239905
Fax: 08647 239902

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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

Natural Language Processing (NLP) is an important area of Artificial Intelligence concerned with the processing and understanding of a human language. The goal of NLP is to process and harness information from a large corpus of text with very little manual intervention. This course will introduce basics of text processing, (Part of-Speech) POS tagging, find similar words using the context of surrounding words, build a language model to predict the next word, constituency and dependency parsing, dialog systems and unification. Finally this course also covers some of the most interesting applications of NLP. The course will be useful for faculty of engineering and sciences who are interested in the learning of NLP with Industry perspective.

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. B. Jhansi Vazram
Professor , Dept. of CSE.

ORGANIZING COMMITTEE

Dr. S.V.N.Sreenivasu	**Dr. K. Lakshmi Nadh**
Dr. S. Siva Nageswara Rao	**Dr. T. V. Sai Krihna**
Dr. GLN Jayaprada	**Mr. K. Gnanendra**
Mrs. M. Sireeha	**Mrs Sd. Rizwana**
Mr. M. Satyam Reddy	**Mr. Sk. Rafi**
Ms.Y.Chandana	**Ms. O. Aruna**
Mr. Ch. Anil	**Mr. B.S KanakaRaju**
Mr. K. Jaya Prakash	**Mr. N.A.Rami Reddy**
Ms. A. Thanuja	**Mrs. P. Rama Devi**

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Schedule

A 5- Day online Faculty Development Programme on Natural Language Processing
21st-25th February, 2022
Program Schedule

	09.30 TO 11.00	11.30 TO 01.00	2.30 TO 4.00
DAY 1 21-2-2022	➔ Inauguration	➔ Introduction to Natural Language Processing	➔ Text Classification
	Mr M.S.Chakravarthi, Vice Chairman, NEC Group Dr M. Sreenivasa Kumar, Principal,All HODsand Participants	**Prof. Pushpak Bhattacharya, Professor, IITB**	
DAY 2 22-2-2022	➔ Language Modeling	➔ Sequence Tagging	➔ Sequence Tagging
	Dr. Asif Ekbal, Professor, IITP		
DAY 3 23-2-2022	➔ Vector Space Models of Semantics	➔ Vector Space Models of Semantics	➔ Syntactic Processing
	Dr. Sriparna Saha, Professor, IITP		
DAY 4 24-2-2022	➔ Sequence to Sequence Tasks	➔ Sequence to Sequence Tasks	➔ Sequence to Sequence Tasks
	Dr K Dr. Atul Gupta, Professor, IIITDMJ		
DAY 5 25-2-2022	➔ Unification-based NLP and Semantics	➔ Unification-based NLP and Semantics	➔ Valedictory
	Dr. Namita Mittal, Professor, MNITJ	**Dr. J. P. Singh, Professor, NITP**	

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Attendance Sheet

List of Faculty Attended
A 5- Day online Faculty Development Pogramme
on
Natural Language Processing during 21st -25th February, 2022

S.No	Name of Faculty	Designation	Institution
1	Dr.S.N Tirumala Rao	Professor	Narasaraopeta Engineering College
2	Dr.B. Jhansi Vazram	Professor	Narasaraopeta Engineering College
3	Dr. S V N Sreenivasu	Professor	Narasaraopeta Engineering College
4	Dr.G. Syam Prasad	Professor	Narasaraopeta Engineering College
5	Dr.GLN Jayaprada	Professor	Narasaraopeta Engineering College
6	V.Mahesh Babu	Professor	Narasaraopeta Engineering College
7	Dr T V Sai Krishna	Professor	Narasaraopeta Engineering College
8	Dr M Balaraju	Professor	Narasaraopeta Engineering College
9	Dr K Sai Anusha	Professor	Narasaraopeta Engineering College
10	Dr P Sreenivasa Moorthy	Professor	Narasaraopeta Engineering College
11	Dr K.Lakshminadh	Professor	Narasaraopeta Engineering College
12	Dr.S.Siva Nageswara Rao	Professor	Narasaraopeta Engineering College
13	Dr.KSMV Kumar	Professor	Narasaraopeta Engineering College
14	Dr M. Venkata Reddy	Assoc.Professor	Narasaraopeta Engineering College
15	Dr Somaraju Mouli	Assoc.Professor	Narasaraopeta Engineering College
16	M.Sireesha	Assoc.Professor	Narasaraopeta Engineering College
17	K.Gnanendra	Assoc.Professor	Narasaraopeta Engineering College
18	Syed Rizwana	Asst.Professor	Narasaraopeta Engineering College
19	O.Aruna	Asst.Professor	Narasaraopeta Engineering College
20	Ch.Lakshmi Tulasi	Asst.Professor	Narasaraopeta Engineering College
21	P.Swathi	Asst.Professor	Narasaraopeta Engineering College
22	S.Deva Raju	Asst.Professor	Narasaraopeta Engineering College
23	Shaik Subhani	Asst.Professor	Narasaraopeta Engineering College
24	Khaja Mohiddin Basha Sk	Asst.Professor	Narasaraopeta Engineering College
25	Sk.GousyaPyari	Asst.Professor	Narasaraopeta Engineering College
26	K.Rambabu	Asst.Professor	Narasaraopeta Engineering College
27	M.Sathyam Reddy	Asst.Professor	Narasaraopeta Engineering College
28	Shaik Rafi	Asst.Professor	Narasaraopeta Engineering College
29	G.Lakshmi Narayana	Asst.Professor	Narasaraopeta Engineering College
30	K.V.Narasimhareddy	Asst.Professor	Narasaraopeta Engineering College
31	D.Raju	Asst.Professor	Narasaraopeta Engineering College
32	K.Shishir	Asst.Professor	Narasaraopeta Engineering College
33	U. Vijay Kumar	Asst.Professor	Narasaraopeta Engineering College
34	P.Ramadevi	Asst.Professor	Narasaraopeta Engineering College
35	R.Sowjanya	Asst.Professor	Narasaraopeta Engineering College
36	N.Ananthrami Reddy	Asst.Professor	Narasaraopeta Engineering College

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37	M.Arun Kumar	Asst.Professor	Narasaraopeta Engineering College
38	O Samba Siva Rao	Asst.Professor	Narasaraopeta Engineering College
39	Sk.Sameerunnisa	Asst.Professor	Narasaraopeta Engineering College
40	R.Dilipkumar	Asst.Professor	Narasaraopeta Engineering College
41	T.Venkata Manohar	Asst.Professor	Narasaraopeta Engineering College
42	B.Ramakrishna	Asst.Professor	Narasaraopeta Engineering College
43	G Venkateswara Rao	Asst.Professor	Narasaraopeta Engineering College
44	Y Chandana	Asst.Professor	Narasaraopeta Engineering College
45	M.Ramakrishna Reddy	Asst.Professor	Narasaraopeta Engineering College
46	G.Prasanth	Asst.Professor	Narasaraopeta Engineering College
47	K Veera Pavankumar	Asst.Professor	Narasaraopeta Engineering College
48	A.Janardhana Rao	Asst.Professor	Narasaraopeta Engineering College
49	K.JayaPrakash	Asst.Professor	Narasaraopeta Engineering College
50	D.VenkatReddy	Asst.Professor	Narasaraopeta Engineering College
51	B Satish Kumar	Asst.Professor	Narasaraopeta Engineering College
52	R.Saritha	Asst.Professor	Narasaraopeta Engineering College
53	M.Nandini	Asst.Professor	Narasaraopeta Engineering College
54	K Ashok	Asst.Professor	Narasaraopeta Engineering College
55	K.Ramani	Asst.Professor	Narasaraopeta Engineering College
56	D.Srinivasa Rao	Asst.Professor	Narasaraopeta Engineering College
57	G.Srinadh	Asst.Professor	Narasaraopeta Engineering College
58	A.Thanuja	Asst.Professor	Narasaraopeta Engineering College
59	K.Arun	Asst.Professor	Narasaraopeta Engineering College
60	Ch.Anil	Asst.Professor	Narasaraopeta Engineering College
61	B.Siva Kanaka Raju	Asst.Professor	Narasaraopeta Engineering College
62	Dr V V A S Lakshmi	Professor	Narasaraopeta Institute of Technology
63	DR G.Rama Swamy	Professor	MALINENI PERUMALLU EDUCATIONAL SOCIETY'S GROUP OF INSTITUTIONS
64	P.Ramesh Babu	Professor	MALINENI PERUMALLU EDUCATIONAL SOCIETY'S GROUP OF INSTITUTIONS
65	B.Bhanu Prakash	Professor	KKR&KSR Institute of Technology and Sciences

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Programme Report

NEC 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: 27th February, 2022

Program Report

Name of the program: :A 5- Day online Faculty Development Pogramme on Natural Language Processing

Date(s) of FDP :21st -25th February, 2022

Details of the Co- Ordinator:

Name	: Dr B. Jhansi Vazram Bolla
Designation	: Professor in CSE.
Organization	: Narasaraopeta Engineering College
Phone No.	: 9908888519
Mail-id	: jhansi.bolla@gmail.com

Details of the Resource Person(s)

1. Prof. Pushpak Bhattacharya, Professor, IITB
2. Dr. Asif Ekbal, Professor, IITP
3. Dr. Sriparna Saha, Professor, IITP
4. Dr. Atul Gupta, Professor, IIITDMJ
5. Dr. J. P. Singh, Professor, NITP
6. Dr. Namita Mittal, Professor, MNITJ

Objective of the Program

Natural Language Processing (NLP) is an important area of Artificial Intelligence concerned with the processing and understanding of a human language. The goal of NLP is to process and harness information from a large corpus of text with very little manual intervention. This course will introduce basics of text processing, (Part of-Speech) POS tagging, find similar words using the context of surrounding words, build a language model to predict the next word, constituency and dependency parsing, dialog systems and unification. Finally this course also covers some of the most interesting

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applications of NLP. The course will be useful for faculty of engineering and sciences who are interested in the learning of NLP with Industry perspective.

Topics Covered

- Intro and Text Classification
- Language Modeling and Sequence Tagging
- Vector Space Models of Semantics
- Syntactic Processing
- Sequence to Sequence Tasks
- Dialog Systems
- Unification-based NLP and Semantics

Outcome of the program

After completion of this program, the faculty are able to

1. get exposed to the state of the art of research and development in the field of National Language Processing and its Applications. Analyze Tenor Flow
2. identify future research needs in the interdisciplinary emerging field.

No. of Participants : 65

Coordinator

Dr B. Jhansi Vazram Bolla

HoD-CSE

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Photos

PHOTOS



A 5 - Day online FDP on Natural Language Processing : Banner



Principal, HoD and Co-Ordinator and Organizing Team of 5 Day FDP on Natural Language Processing

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REC

8. Mobile-style education

- Covid-19 pandemic made us to learn Mobile teaching & learning offering greater flexibility and accessibility for learning at home.
- Connecting mobile technology and devices within the classroom will allow teachers to provide a fully integrated learning experience for all learning styles and abilities.
- More schools and colleges are adopting tablet-like experiences for their front of class displays and incorporate this with the gamification of learning.
- Traditional interactive whiteboards are becoming harder to scale or costly to replace.



REC

Practical Applications in Education Sector

- Biometrics for Academic Integrity - Online learning platforms can utilize the biometric technology to verify the identity of learners online. Using facial recognition technology, identities can be verified using webcams. Also, it can be used to deter cheating during online assessments and examinations.
- Controlled Access - The access to the institution should only be permitted to the ones who belong to it. Unauthorized access can harm the college environment directly or indirectly. The students, teachers and other staff including visitors should be authenticated through a biometric authentication system.
- Attendance System – Biometrics can help to know about the students who are taking online course. Before registration the biometrics are stored that can be checked regularly before every class.
- Library Account Registration and Books Issuance - to ensure the book issuance data
- Real-time biometric verification will also ensure an efficient security measure against several frauds while providing a better user experience at the same time.



REC

6. Biometrics







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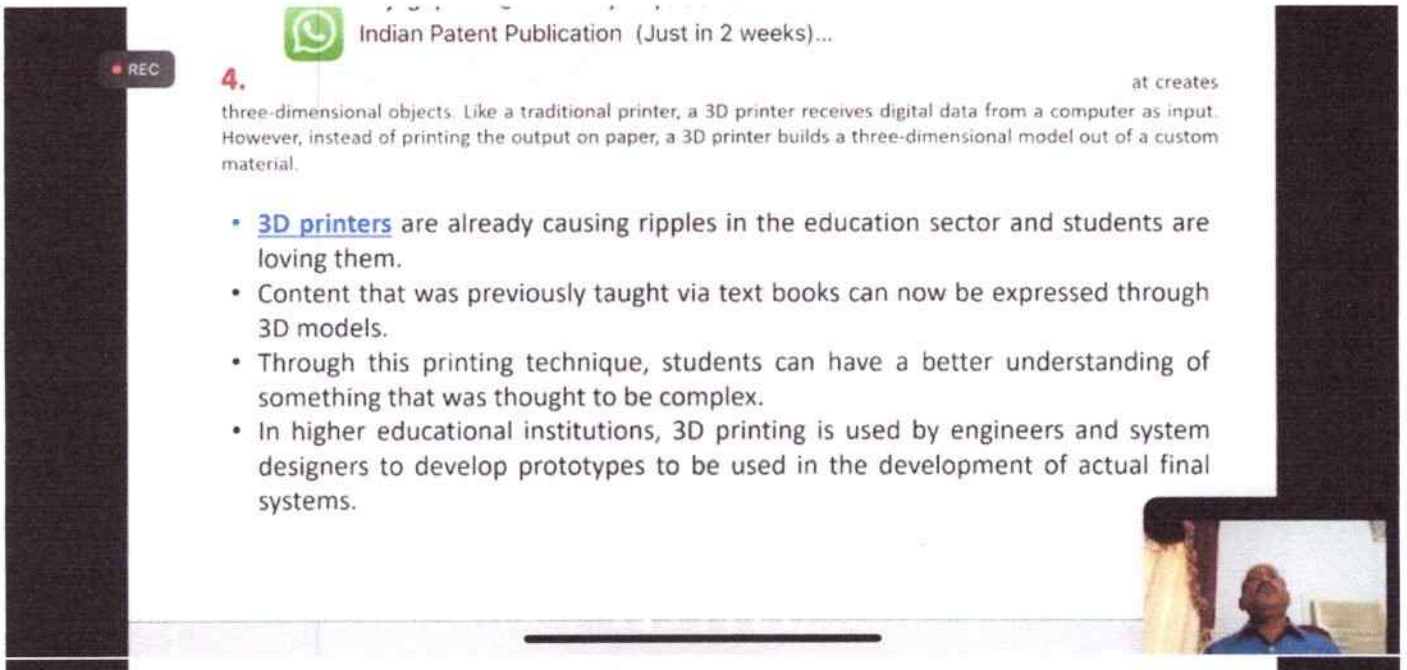

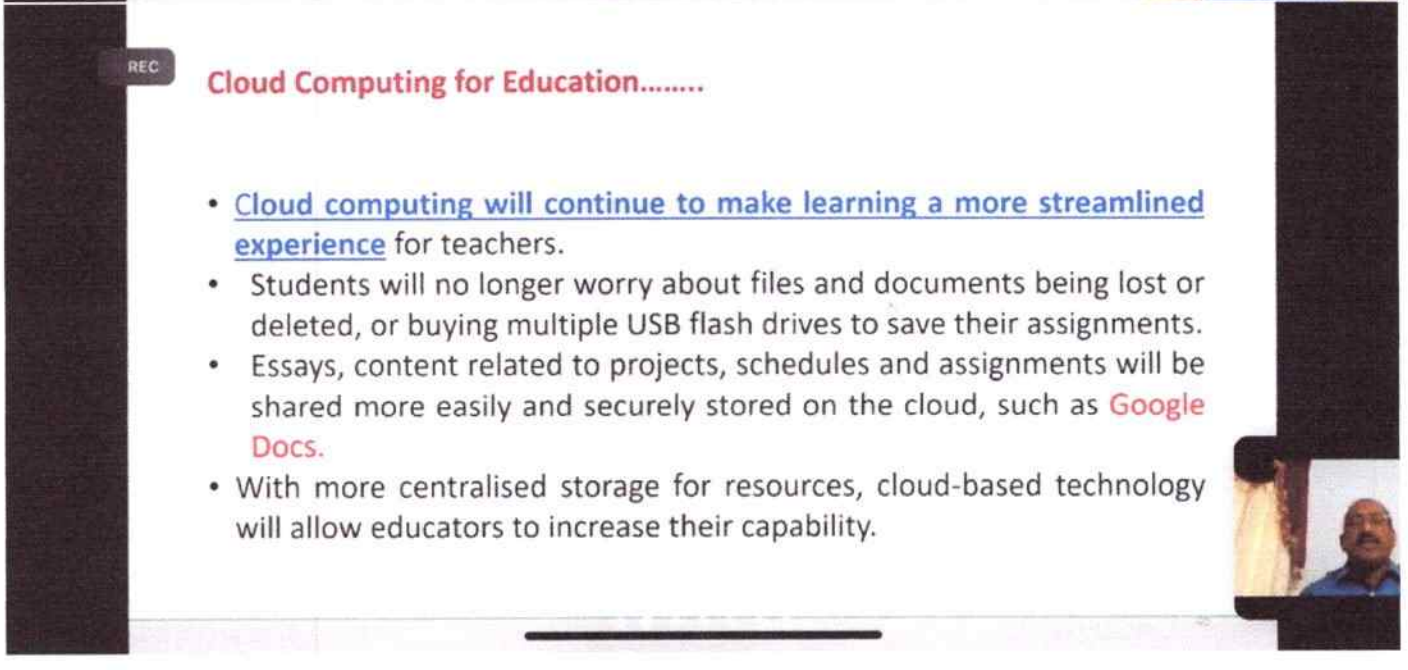

Glimpses of Presentations by Resource Persons

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Sample

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Kotappakonda Road, Yellamanda (Post), Narasaraopet - 522601, Palnadu Dist., Andhra Pradesh, INDIA. Website:www.nrtec.in

Certificate

This is to Certify that Mr./Ms. D.VenkatReddy

has participated a five day online faculty development programme on **NATURAL LANGUAGE PROCESSING** from 21-02-2022 to 25-02-2022 Organized by Department of Computer Science and Engineering.

Dr.B.Jhansi Vazram
Co-Ordinator

Dr.S.N.Tirumala Rao
HOD-CSE

Dr. M. Sreenivasa Kumar
Principal

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Kotappakonda Road, Yellamanda (Post), Narasaraopet - 522601, Palnadu Dist., Andhra Pradesh, INDIA. Website:www.nrtec.in

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This is to Certify that Mr./Ms. R.Saritha

has participated a five day online faculty development programme on **NATURAL LANGUAGE PROCESSING** from 21-02-2022 to 25-02-2022 Organized by Department of Computer Science and Engineering.

Dr.B.Jhansi Vazram
Co-Ordinator

Dr.S.N.Tirumala Rao
HOD-CSE

Dr. M. Sreenivasa Kumar
Principal

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This is to Certify that Mr./Ms. M.Nandini

has participated a five day online faculty development programme on **NATURAL LANGUAGE PROCESSING** from 21-02-2022 to 25-02-2022 Organized by Department of Computer Science and Engineering.

Dr.B.Jhansi Vazram
Co-Ordinator

Dr.S.N.Tirumala Rao
HOD-CSE

Dr. M. Sreenivasa Kumar
Principal

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Kotappakonda Road, Yellamanda (Post), Narasaraopet - 522601, Palnadu Dist., Andhra Pradesh, INDIA. Website:www.nrtec.in

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This is to Certify that Mr./Ms. K Ashok

has participated a five day online faculty development programme on **NATURAL LANGUAGE PROCESSING** from 21-02-2022 to 25-02-2022 Organized by Department of Computer Science and Engineering.

Dr.B.Jhansi Vazram
Co-Ordinator

Dr.S.N.Tirumala Rao
HOD-CSE

Dr. M. Sreenivasa Kumar
Principal

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Kotappakonda Road, Yellamanda (Post), Narasaraopet - 522601, Palnadu Dist., Andhra Pradesh, INDIA. Website:www.nrtec.in

Certificate

This is to Certify that Mr./Ms. P.Ramani

has participated a five day online faculty development programme on **NATURAL LANGUAGE PROCESSING** from 21-02-2022 to 25-02-2022 Organized by Department of Computer Science and Engineering.

Dr.B.Jhansi Vazram
Co-Ordinator

Dr.S.N.Tirumala Rao
HOD-CSE

Dr. M. Sreenivasa Kumar
Principal

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Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada, Accredited by NBA (Tier-1) & NAAC with 'A+' Grade (Cycle-2), NIRF Ranking 2022 (251-300 Band)
Kotappakonda Road, Yellamanda (Post), Narasaraopet - 522601, Palnadu Dist., Andhra Pradesh, INDIA. Website:www.nrtec.in

Certificate

This is to Certify that Mr./Ms. D.Srinivasa Rao

has participated a five day online faculty development programme on **NATURAL LANGUAGE PROCESSING** from 21-02-2022 to 25-02-2022 Organized by Department of Computer Science and Engineering.

Dr.B.Jhansi Vazram
Co-Ordinator

Dr.S.N.Tirumala Rao
HOD-CSE

Dr. M. Sreenivasa Kumar
Principal

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Kotappakonda Road, Yellamanda (Post), Narasaraopet - 522601, Palnadu Dist., Andhra Pradesh, INDIA. Website:www.nrtec.in

Certificate

This is to Certify that Mr./Ms. G.Srinadh

has participated a five day online faculty development programme on **NATURAL LANGUAGE PROCESSING** from 21-02-2022 to 25-02-2022 Organized by Department of Computer Science and Engineering.

Dr.B.Jhansi Vazram
Co-Ordinator

Dr.S.N.Tirumala Rao
HOD-CSE

Dr. M. Sreenivasa Kumar
Principal

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Kotappakonda Road, Yellamanda (Post), Narasaraopet - 522601, Palnadu Dist., Andhra Pradesh, INDIA. Website:www.nrtec.in

Certificate

This is to Certify that Mr./Ms. A.Thanuja

has participated a five day online faculty development programme on **NATURAL LANGUAGE PROCESSING** from 21-02-2022 to 25-02-2022 Organized by Department of Computer Science and Engineering.

Dr.B.Jhansi Vazram
Co-Ordinator

Dr.S.N.Tirumala Rao
HOD-CSE

Dr. M. Sreenivasa Kumar
Principal

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Kotappakonda Road, Yellamanda (Post), Narasaraopet - 522601, Palnadu Dist., Andhra Pradesh, INDIA. Website:www.nrtec.in

Certificate

This is to Certify that Mr./Ms. Ch.Anil

has participated a five day online faculty development programme on **NATURAL LANGUAGE PROCESSING** from 21-02-2022 to 25-02-2022 Organized by Department of Computer Science and Engineering.

Dr.B.Jhansi Vazram
Co-Ordinator

Dr.S.N.Tirumala Rao
HOD-CSE

Dr. M. Sreenivasa Kumar
Principal

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Training Program on "PRIMAVERA"

Circular

NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)

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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: 28-02-2022

CIRCULAR

Department of Civil Engineering is organizing **Training Program on "PRIMAVERA"** from **03/03/2022 to 09/03/2022** in association with **AGIIT, Chennai** for civil faculty. Request all the faculty members to attend.

Program Convenor:

Dr. P. Naga Sowjanya,
Assoc Professor & HOD, Dept. of Civil

S. V. Siva Raju, (9703488123)
Asst. Professor

IQAC **HOD** **PRINCIPAL**

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

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

Schedule

NARASARAOPETA
NEC ENGINEERING COLLEGE
(AUTONOMOUS)

ORGANIZING BY DEPARTMENT OF CIVIL ENGINEERING

TRAINING PROGRAM ON PRIMAVERA

COURSE SCHEDULE

S.No	DATE	SESSION	TIMING	TOPIC
1	03/03/2022	FN	09:30am to 12:40pm	Introduction to Primavera and creating Organization Breakdown Structure
		AN	01:30pm to 4:00pm	Creating Enterprise Project Structure
2	04/03/2022	FN	09:30am to 12:40pm	Creating Calendar and creating project
		AN	01:30pm to 4:00pm	Creating a Work Breakdown structure and adding activities
3	05/03/2022	FN	09:30am to 12:40pm	Creating relationships between activities
		AN	01:30pm to 4:00pm	Scheduling the project and Course Evaluation – 1
4	07/03/2022	FN	09:30am to 12:40pm	Defining Resources
		AN	01:30pm to 4:00pm	Assigning Resources and costs
5	08/03/2022	FN	09:30am to 12:40pm	Defining Work Products & Documents
		AN	01:30pm to 4:00pm	Defining & Assign Project Expenses
6	09/03/2022	FN	09:30am to 12:40pm	Creating Project Budget and Report performance - Create Graphical / Tabular Report
		AN	01:30pm to 4:00pm	Course Evaluation – Final

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

Brochure

A Two week workshop
On
"PRIMAVERA"

03rd - 15th MARCH, 2022

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 week workshop
On
"PRIMAVERA"

03rd - 15th MARCH, 2022

In Association with
AGIIT, Chennai.

Organized by
Department of Civil Engineering

NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)
Kotappakonda Road, Yellamanda (P.O)
Narasaraopet – 522601, Guntur District, A.P.

Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada, Accredited 'A' Grade by NAAC, Accredited thrice by NBA.

Phone : 08647 239906
FAX : 08647 239906
E-Mail : civilhod@nrtec.in

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

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:

AGIIT training is one of the leading industrial automations training division which provide a hands-on practical training in Industrial Automation platform. We provide a stepping stone for success in the field of Industrial automation. We have designed firmware applications for PLC, DCS and SCADA System. We have focused on Industrial Automation design in various sectors like Process industries, Production industries, Building automation, oil & gas and power distribution.

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.S.Magesh, Sr. Technical Manager

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 APSSDC

Chief Patrons:

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

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

Sri M.Ramesh Babu
Secretary, NEC Group.

Patron:

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

Convener:

Dr. Dr. P NAGA SOWJANYA
Associate Professor & Head, Dept. of CE

Coordinator:

Mr. S V Siva Raju
Assistant Professor, Dept. of CE

Organizing Committee:

Mr. K Meghanadh	Assistant Professor
Mr.D Pradeep	Assistant Professor
Mr. M N S Samba	Assistant Professor
Mr. N M Subhani	Assistant Professor
Mr. K Anil kumar	Assistant Professor
Mr. K Jeyavignes	Assistant Professor

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Guntur (Dist.), A.P.

Attendance sheet

NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS): NARASARAOPETA

DEPARTMENT OF CIVIL ENGINEERING

ATTENDANCE : PRIMAVERA (WORKSHOP)

S.No.	NAME OF THE FACULTY / STAFF	03-03-2022		04-03-2022		05-03-2022		06-03-2022		07-03-2022		08-03-2022		09-03-2022	
		F.N	A.N	F.N	A.N	F.N	A.N	F.N	A.N	F.N	A.N	F.N	A.N	F.N	A.N
1	S V SIVA RAJU														
2	K JEYAVIGNES														
3	K MEGHANADH														
4	D PRADEEP														
5	N MAHABOOB SUBHANI														

Signature of the Coordinator

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NARASARAOPET - 522 601
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Program Report

NARASARAOPETA
NEC 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: 16/03/2022

PROGRAMME REPORT

Name of the Programme : **Training Program on "PRIMAVERA"**

Dates : 03/03/2022 to 09/03/2022

Details of the Resource Person

Name : Mr. S. Magesh

Designation : Proprietor & Consulting Engineer

Organization : AGIIT, Chennai

Phone No. : +91-9600054674

Email : smagesh419@yahoo.co.in

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: 5

Coordinator

HOD

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NARASARAOPET - 522 601.
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Press Note & Coverage

NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)
NEC
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 : 47
Thrice Accredited by NBA & NAAC "A" Grade - ISO 9001 : 2015 Certified Institution.
☎ 08647-239905 & 08647-239902 (Fax) Visit us at : www.nrtec.in e-mail : principal@nrtec.in

యన్. ఇ.సి యన్. ఐ.సి లో లాండ్ సర్వే పై కార్యశాల

స్థానిక నిరసనాపుపెట్ ఇంజనీరింగ్ సివిల్ ఇంజనీరింగ్ విభాగం వారి ఆధ్వర్యంలో లాండ్ సర్వే ఇనిస్టిట్యూట్ ఆఫ్ టెక్నాలజీ, చెన్నై వారిచే వర్క్‌షాప్ 18-04-2022 నుంచి 22-04-2022 వరకు నిర్వహించడం జరిగింది.

ఈ వర్క్‌షాప్‌లో రిసోర్స్ పర్సన్ ఎమ్. ఆర్. వినోష్ గారు 10 మంది ట్రైనర్స్‌లో టోటల్ స్టేషన్ సర్వే పరికరాన్ని ఉపయోగించి స్థలాన్ని సర్వే చేయడం నేర్పించారు. అనంతరం ఎక్. యస్. వి.ఫి సి.ఇ.ఒ ఎమ్. ఆర్. వినోష్ మాట్లాడుతూ సర్వే ప్రాముఖ్యతను అందులో ఉన్న ఆధునిక సాంకేతిక అంశాలను వివరించారు.

కళాశాల ప్రిన్సిపాల్ డాక్టర్ ఎమ్. శ్రీనివాస కుమార్ గారు మాట్లాడుతూ ప్రస్తుత కాలంలో టోటల్ స్టేషన్ పరికరం ఉపయోగించి స్థలం సర్వే చేయడం సివిల్ ఇంజనీరింగ్ విద్యార్థులకు ఉపయోగపడుతుందని తెలియచేసారు.

అనంతరం సివిల్ ఇంజనీరింగ్ విభాగాధిపతి డాక్టర్ పి. నాగరాజన్న గారు మాట్లాడుతూ కాలేజీలోని, టోటల్ స్టేషన్ సాంకేతికను విద్యార్థులందరూ నేర్చుకోవడం వలన బయట నెలలోని ఉన్న ఉద్యోగ పోటీలో సివిల్ విద్యార్థులు సాంకేతిక విజయం సాధించగలరని తెలిపారు.

ఈ కార్యక్రమంలో మొత్తం 94 మంది విద్యార్థులు పాల్గొన్నారు అని కోఆర్డినేటర్ జయా విష్ణు తెలిపారు.

23/4/22

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

23/4/22

8897170424

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Photos

Training Program on "PRIMAVERA"

PARTICIPANTS ALONG WITH TRAINER AT LAB





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

Sample Certificates

CPLR Centre for Professional Learning & Research
(The Hi -end CAD / CAM /FEA / FEM Company)

NEC NARASARAOPETA ENGINEERING COLLEGE

Two Weeks Workshop in Primavera

15.03.2022

CERTIFICATE OF COMPLETION

This is to Certify That

K JEYA VIGNES

of Narsaraopeta Engineering College Participated in Primavera Training program held from 03.03.2022 to 15.03.2022

S.Balaji
Managing Director

Dr.P.Naga Sowjanya
HOD , Civil

Dr.M.Srinivasa Kumar
Principal

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Guntur (Dist.), A.P.

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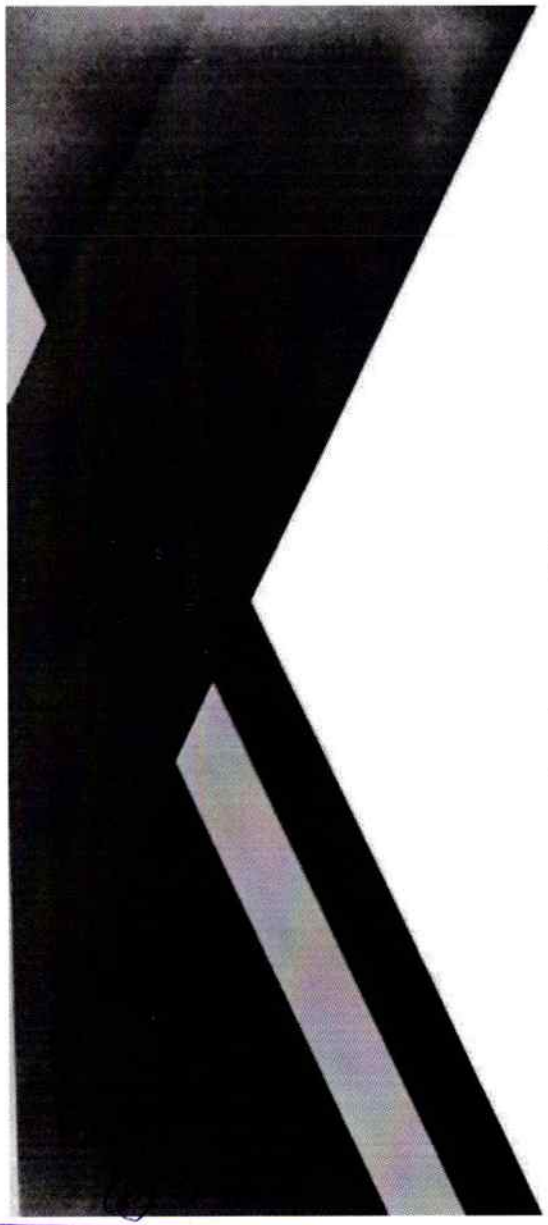

CPLR Centre for Professional Learning & Research
(The Hi -end CAD / CAM /FEA / FEM Company)

NEC NARASARAOPETA ENGINEERING COLLEGE

Two Weeks Workshop in Primavera

15.03.2022

CERTIFICATE OF COMPLETION

This is to Certify That

N M SUBHANI

of Narsaraopeta Engineering College Participated in Primavera Training program held from 03.03.2022 to 15.03.2022

S.Balaji
Managing Director

Dr.P.Naga Sowjanya
HOD , Civil

Dr.M.Srinivasa Kumar
Principal

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

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Five –Days Training Program on "TOTAL STATION"

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: 11-04-2022

CIRCULAR

Department of Civil Engineering is organizing **Five Days Training Program on "TOTAL STATION"** from **18/04/2022 to 22/04/2022** in association with **Ladder Survey Institute of Technology, Chennai** for civil faculty. Request all the faculty members to attend.

Program Convenor:

Dr. P. Naga Sowjanya,
Assoc Professor & HOD, Dept. of Civil

K. Jeyavignes, (9010288919)
Asst. Professor

IQAC **HOD** **PRINCIPAL**

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6. All HODs

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

Schedule

NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)

ORGANIZING BY DEPARTMENT OF CIVIL ENGINEERING

LAND SURVEY USING TOTAL STATION

COURSE SCHEDULE

S.No	DATE	SESSION	TIMING	TOPIC
1	18/04/2022	FN	09:30am to 12:40pm	Introduction to Total station surveying
		AN	01:30pm to 4:00pm	Instrument setting up & handling
2	19/04/2022	FN	09:30am to 12:40pm	Triangulation
		AN	01:30pm to 4:00pm	Boundary Survey
3	20/04/2022	FN	09:30am to 12:40pm	Road survey
		AN	01:30pm to 4:00pm	Contour
4	21/04/2022	FN	09:30am to 12:40pm	Topographical Survey
		AN	01:30pm to 4:00pm	Markings for buildings and columns
5	22/04/2022	FN	09:30am to 12:40pm	Markings for layouts
		AN	01:30pm to 4:00pm	Auto CADD uploading

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

Brochure

A One week workshop
On
"TOTAL STATION"

18th - 22nd APRIL, 2022

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 One week workshop
On
"TOTAL STATION"

18th - 22nd APRIL, 2022

In Association with
LSIT, Chennai.

SIT
LADDER

Organized by
Department of Civil Engineering

NEC

NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)
Kotappakonda Road, Yellamanda (P.O)
Narasaraopet – 522601, Guntur District, A.P.

Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada, Accredited 'A' Grade by NAAC, Accredited thrice by NBA.

Phone : 08647 239906
FAX : 08647 239906
E-Mail : civilhod@nrtec.in

IQAC

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

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 LSIT:

Ladder Survey Institute of Technology provides flexible training options for all students in several ranges of courses. Their expert trainers are passionate about training and their dynamic approach and positive attitudes make training with them both a charming and remunerating learning experience for the students. The students are subjected to various process during the training like accuracy, instrument handling, site analysis, client handling, data acquisition, mapping and designing.

OBJECTIVE OF COURSE

After completing this course you will able to:

- Have knowledge about advanced surveying
- Understand the methods of Total station surveying
- Maintain the accuracy in surveying
- Gain knowledge about types of Total station surveying
- Understand the advantages in Triangulation
- Find sources of errors in Total station surveying
- Avoid errors in Surveying
- Utilize total station for contours
- Gain knowledge about Road surveying
- Reduce errors in markings using Total station
- Implement total station in different types of markings
- Utilize Auto CAD for creating output

Resource Persons

Mr.M.R.Dinesh, Chief Executive Officer - LSIT

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

Chief Patrons:

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

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

Sri M.Ramesh Babu
Secretary, NEC Group.

Patron:

Dr. M.Sreenivasa Kumar, M.Tech, Ph.D (U.K), MISTE, [illegible]
Principal.

Convener:

Dr. Dr. P NAGA SOWJANYA
Associate Professor & Head, Dept. of CE

Coordinator:

Mr. K.JEYAVIGNES
Assistant Professor, Dept. of CE

Organizing Committee:

Mr. K Meghanadh	Assistant Professor
Mr.M Prasanna kumar	Assistant Professor
Mr. M N S Samba	Assistant Professor
Mr. N M Subhani	Assistant Professor
Mr. K Anil kumar	Assistant Professor
Mr. V Suresh	Assistant Professor

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

Attendance sheet

NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS): NARASARAOPETA

DEPARTMENT OF CIVIL ENGINEERING

ATTENDANCE : TOTAL STATION (WORKSHOP)

S.No.	NAME OF THE FACULTY / STAFF	18-04-2022		19-04-2022		20-04-2022		21-04-2022		22-04-2022	
		F.N	A.N	F.N	A.N	F.N	A.N	F.N	A.N	F.N	A.N
1	N MAHABOOB SUBHANI										
2	K. JEYAVIGNES										
3	M.N.S. SAMBASIVA RAO										
4	K. ANIL KUMAR										
5	B. ANIL KUMAR										

Signature of the Coordinator

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

Program Report

Press Note &Coverage

NEC 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: 25/04/2022

PROGRAMME REPORT

Name of the Programme : **Five Days Training Program on "TOTAL STATION"**

Dates : 18/04/2022 to 22/04/2022

Details of the Resource Person

Name : Mr. M.R. Dinesh

Designation : Director & Chief Executive Officer

Organization : Ladder Survey Institute of Technology

Phone No. : +91-9940143131

Email : info.lsittpt@gmail.com

Objectives of the Programme:

- Need of Surveying
- Necessity of Total Station
- Accuracy in Surveying
- Learning the types of total station surveying
- Purpose of Triangulation
- Need of Contour
- Setting up benchmarks
- Different types of Markings
- Use of Auto CAD in Total Station

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

Topics Covered:

- Instrument setting up & Handling
- Basics of Total Station
- Triangulation
- Boundary Survey
- Road survey
- Contour
- Topographical Survey
- Markings
- Auto CAD uploading
- Generating output

Outcomes of the Programme:

- Knowledge about advanced surveying
- Understanding the methods of Total station surveying
- Maintaining the accuracy in surveying
- Knowledge about types of Total station surveying
- Advantages in Triangulation
- Sources of errors in Total station surveying
- Avoiding errors in Surveying
- Utilizing total station for contours
- Knowledge about Road surveying
- Reduction of errors in markings using Total station
- Implementing of total station in different types of markings
- Utilizing Auto CAD for creating output

No. of participants: 5

Coordinator

IQAC

HOD

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

Press Note & Coverage

NEC
NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)
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 : 47
Thrice Accredited by NBA & NAAC "A" Grade - ISO 9001 : 2015 Certified Institution.
☎ 08647-239905 & 08647-239902 (Fax) Visit us at : www.nrtec.in e-mail : principal@nrtec.in

యన్.ఇ.సి ఎస్.ఇ.సి లో లాండ్ సర్వే పై కార్యశాల

స్థానిక నరసరావుపేట ఇంజనిరింగ్ సివిల్ ఇంజనిరింగ్ విభాగం వారి ఆధ్వర్యంలో లాడర్ సర్వే ఇనిస్టిటుట్ ఆఫ్ టెక్నాలజి, చెన్నై వారిచే వర్కషాప్ 18-04-2022 నుంచి 22-04-2022 వరకు నిర్వహించడం జరిగింది.

ఈ వర్కషాప్‌లో రిపోర్స్ పర్సన్ ఎమ్.ఆర్. దినేష్ గారు 10 మంది ట్రైనర్సులో టోటల్ స్టేషన్ సర్వే పరికరాన్ని ఉపయోగించి స్థలాన్ని సర్వే చేయడం నేర్పించారు. అనంతరం ఎల్.యస్.పి.టి సి.ఇ.ఓ ఎమ్.ఆర్. దినేష్ మాట్లాడుతూ సర్వే ప్రాముఖ్యతను అందులో ఉన్న ఆధునిక సాంకేతిక అంశాలను వివరించారు.

కళాశాల ప్రిన్సిపాల్ డాక్టర్ ఎమ్. శ్రీనివాస కుమార్ గారు మట్లాడుతూ ప్రస్తుత కాలంలో టోటల్ స్టేషన్ పరికరం ఉపయోగించి స్థలం సర్వే చేయడం సివిల్ ఇంజనిరింగ్ విద్యార్థులకు ఉపయోగపడుతుందని తెలియచేసారు.

అనంతరం సివిల్ ఇంజనిరింగ్ విభాగధిపతి డాక్టర్ పి. నాగసాజన్య గారు మట్లాడుతూ కాలేజిలోనే, టోటల్ స్టేషన్ సాంకేతికను విద్యార్థులందరూ నేర్చుకోవడం వలన బయట నెలకొని ఉన్న ఉద్యోగ పోటీలో సివిల్ విద్యార్థులు సాంకేతిక విజయం సాధించగలరని తెలిపారు.

ఈ కార్యక్రమంలో మొత్తం 94 మంది విద్యార్థులు పాల్గొన్నారు అని కోఆర్డినేటర్ జయా విఘ్నేష్ తెలిపారు.

23/4/22

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

23/4/22

8897170424

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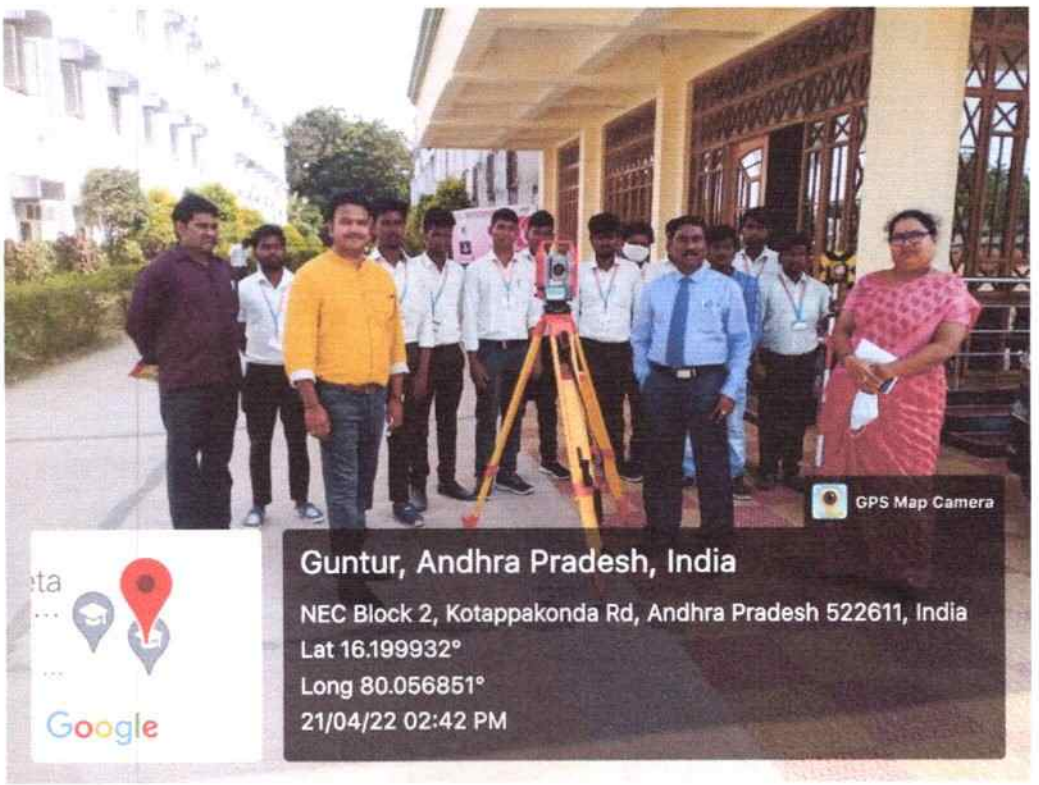
(AUTONOMOUS)
NARASARAOPET - 522 601
Guntur (Dist.), A.P.

Photos

Five Days Training Program on "TOTAL STATION"



PARTICIPANTS AND TRAINER ALONG WITH PRINCIPAL AND HOD OF CIVIL ENGINEERING



PARTICIPANTS ALONG WITH TRAINERS AT FIELD

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

Sample Certificates

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NARASARAOPETA

LSIT
LADDER



LADDER SURVEY INSTITUTE OF TECHNOLOGY

AN ISO 9001:2015 CERTIFIED INSTITUTION

125, Vasantha street, Golden George Nagar, Nergundram, Chennai - 600107.

Ph:1800 123 8513 / Reg No: 343/2005

www.landsurveytraining.com

Present this

CERTIFICATE OF TRAINING

to

Mr. K JEYAVIGNES

For having successfully completed five days training program in

ADVANCED TOTAL STATION

at **Narasaraopeta Engineering College,**
Narasaraopeta, Andhra Pradesh -522601.
From 18-04-2022 to 22-04-2022

Course Conducted by Ladder Survey Institute of technology
"LSIT" Chennai - 600 107. Tamil Nadu

The courses offered are very comprehensive and of high quality.
The participants are trained by well experienced instructors in the latest technology.

Expectized in .....

Parts of Total Station
Instrument Setup
Spot Level
Distance Measuring
Angle Measuring
Filed Procedures
Using Co-ordinates
All AutoCAD & FMB works

Surveys & markings .....

Topographical Surveys
Boundary Surveys
Leveling Surveys
Building Interior Surveys
Building Markings & Checking
Total Station Downloading & Uploading

No : TN/2022/NEC/LSIT/096

Place :Narasaraopeta

Date :27/06/2022

DIRECTOR

ISO 9001:2008 Certified

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

NEC
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Mr. M.N.S SAMBASIVA RAO

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LADDER SURVEY INSTITUTE OF TECHNOLOGY
044-47515487
CHENNAI-107

No : TN/2022/NEC/LSIT/097

Place :Narasaraopeta

Date :27/06/2022

QUALITY ASSURED 100% ISO 9001:2008 CERTIFIED

DIRECTOR

IAF DAC ISO 9001:2008 Certified

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NARASARAOPETA ENGINEERING COLLEGE
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125, Vasantha street, Golden George Nagar, Nergundram, Chennai - 600107.

Ph:1800 123 8513 / Reg No: 343/2005

www.landsurveytraining.com

Present this

CERTIFICATE OF TRAINING

to

Mr. B ANIL KUMAR

For having successfully completed five days training program in

ADVANCED TOTAL STATION

at **Narasaraopeta Engineering College,**
Narasaraopeta, Andhra Pradesh -522601.
From 18-04-2022 to 22-04-2022

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LADDER SURVEY INSTITUTE OF TECHNOLOGY * CHENNAI-107 * 044-47519867

No : TN/2022/NEC/LSIT/098

Place :Narasaraopeta

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QUALITY ASSURED 100% ISO 9001:2008 CERTIFIED

IAF

ISO 9001:2008 Certified

DIRECTOR

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

A Webinar on Devops

A wesinar on DevOPS

Circular

NARASARAOPETA 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 COMPUTER SCIENCE ENGINEERING

Date: 11-05-2022

CIRCULAR

All the Teaching staff members are here by informed that IQAC & Department of Computer Science and Engineering is going to organize A Webinar on Devops on 13th May, 2022. All the registered Teaching faculty are requested to attend the FDP without fail.

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

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

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

Broucher

Course Content:

- ➔ Devops Environment Setup
- ➔ GitHub Commands
- ➔ Creating Local and remote repositories
- ➔ SonarQube –Static Quality Testing
- ➔ Artifactory
- ➔ Creating Pipeline

Resource Persons:

1. Mr. D. Venkata Reddy,
   Asst. Professor,
   Dept. of CSE, NEC
   9849866902

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 Webinar on Devops
13th May, 2022

Organized
by

Department of
Computer Science & Engineering

NARASARAOPETA
NEC ENGINEERING COLLEGE
(AUTONOMOUS)
Thrice Accreted By NBA and Accreted By NAAC
(Approved By AICTE, New Delhi, Permanently Affiliated To JNTUK, Kakinada)
Kotappakonda Road. Yallmanda Village.
NARASARAOPET, GUNTUR DIST, A.P.
www.nrtec.in, Email: csehod@nrtec.in
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Fax: 08647 239902

PRINCIPAL
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(AUTONOMOUS)
NARASARAOPET - 522 601.
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 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

IQAC

Objective of Workshop

DevOps is a growing very fastly and its using by Global IT sectors by every IT as small, medium or large enterprise. DevOps is a mindset and technical skill to provide communication, integration, automation, Security, and close cooperation among all the people needed to plan, develop, test, deploy, release and maintain software management. DevOps improves their productivity immensely. Every organizations wants to adopt benefits of DevOps mindset because its gives quick application delivery, enhanced innovation, more stable operating environments and performance-focused teams. Instead of developing various features in isolation and integrate all of them at the end of the development process, Continuous integration (CI) equip team of developers to integrate their codes into a central and shared repository early and frequently throughout the day.

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
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M.Tech., Ph.D (UK)., MISTE.,FIE (I).
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Professor & Head, Dept. of CSE.

Coordinator

Dr. S. N. Tirumala Rao,
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Schedule

A WEBINAR ON DEVOPS
13th MAY, 2022
PROGRAM SCHEDULE

	09.30 TO 10.00	10.30 TO 011.45	12.00 TO 1.30
13/5/2022	➔ Inauguration	➔ Devops Environment Setup ➔ GitHub Commands	➔ Creating Local and remote repositories
	Mr M.S.Chakravarthi, Vice Chairman, NEC Group Dr M. Sreenivasa Kumar, Principal,All HODsand Participants	**Mr. D. Venkata Reddy, Asst. Professor, Dept. of CSE, NEC 9849866902**	
	02.00 TO 2.45	02.45 TO 3.30	03.45 TO 4.00
	➔ SonarQube –Static Quality Testing	➔ Artifactory ➔ Creating Pipeline	➔ Valedictory Function
	Mr. D. Venkata Reddy, Asst. Professor, Dept. of CSE, NEC 9849866902		

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Attendance Sheet

List of Faculty Attended
A Webinar on Devops on 13th May, 2022

S.No	Name of Faculty	Designation	Institution
1	Dr.S.N Tirumala Rao	Professor	Narasaraopeta Engineering College
2	Dr.B. Jhansi Vazram	Professor	Narasaraopeta Engineering College
3	Dr. S V N Sreenivasu	Professor	Narasaraopeta Engineering College
4	Dr.G. Syam Prasad	Professor	Narasaraopeta Engineering College
5	Dr.GLN Jayaprada	Professor	Narasaraopeta Engineering College
6	V.Mahesh Babu	Professor	Narasaraopeta Engineering College
7	Dr T V Sai Krishna	Professor	Narasaraopeta Engineering College
8	Dr M Balaraju	Professor	Narasaraopeta Engineering College
9	Dr K Sai Anusha	Professor	Narasaraopeta Engineering College
10	Dr P Sreenivasa Moorthy	Professor	Narasaraopeta Engineering College
11	Dr K.Lakshminadh	Professor	Narasaraopeta Engineering College
12	Dr.S.Siva Nageswara Rao	Professor	Narasaraopeta Engineering College
13	Dr.KSMV Kumar	Professor	Narasaraopeta Engineering College
14	Dr M. Venkata Reddy	Assoc.Professor	Narasaraopeta Engineering College
15	Dr Somaraju Mouli	Assoc.Professor	Narasaraopeta Engineering College
16	M.Sireesha	Assoc.Professor	Narasaraopeta Engineering College
17	K.Gnanendra	Assoc.Professor	Narasaraopeta Engineering College
18	Syed Rizwana	Asst.Professor	Narasaraopeta Engineering College
19	O.Aruna	Asst.Professor	Narasaraopeta Engineering College
20	Ch.Lakshmi Tulasi	Asst.Professor	Narasaraopeta Engineering College
21	P.Swathi	Asst.Professor	Narasaraopeta Engineering College
22	S.Deva Raju	Asst.Professor	Narasaraopeta Engineering College
23	Shaik Subhani	Asst.Professor	Narasaraopeta Engineering College
24	Khaja Mohiddin Basha Sk	Asst.Professor	Narasaraopeta Engineering College
25	Sk.GousyaPyari	Asst.Professor	Narasaraopeta Engineering College
26	K.Rambabu	Asst.Professor	Narasaraopeta Engineering College
27	M.Sathyam Reddy	Asst.Professor	Narasaraopeta Engineering College
28	Shaik Rafi	Asst.Professor	Narasaraopeta Engineering College
29	G.Lakshmi Narayana	Asst.Professor	Narasaraopeta Engineering College
30	K.V.Narasimhareddy	Asst.Professor	Narasaraopeta Engineering College
31	D.Raju	Asst.Professor	Narasaraopeta Engineering College
32	K.Shishir	Asst.Professor	Narasaraopeta Engineering College
33	U. Vijay Kumar	Asst.Professor	Narasaraopeta Engineering College
34	P.Ramadevi	Asst.Professor	Narasaraopeta Engineering College
35	R.Sowjanya	Asst.Professor	Narasaraopeta Engineering College
36	N.Ananthrami Reddy	Asst.Professor	Narasaraopeta Engineering College
37	M.Arun Kumar	Asst.Professor	Narasaraopeta Engineering College
38	O Samba Siva Rao	Asst.Professor	Narasaraopeta Engineering College
39	Sk.Sameerunnisa	Asst.Professor	Narasaraopeta Engineering College

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40	R.Dilipkumar	Asst.Professor	Narasaraopeta Engineering College
41	T.Venkata Manohar	Asst.Professor	Narasaraopeta Engineering College
42	B.Ramakrishna	Asst.Professor	Narasaraopeta Engineering College
43	G Venkateswara Rao	Asst.Professor	Narasaraopeta Engineering College
44	Y Chandana	Asst.Professor	Narasaraopeta Engineering College
45	M.Ramakrishna Reddy	Asst.Professor	Narasaraopeta Engineering College
46	G.Prasanth	Asst.Professor	Narasaraopeta Engineering College
47	K Veera Pavankumar	Asst.Professor	Narasaraopeta Engineering College
48	A.Janardhana Rao	Asst.Professor	Narasaraopeta Engineering College
49	K.JayaPrakash	Asst.Professor	Narasaraopeta Engineering College
50	D.VenkatReddy	Asst.Professor	Narasaraopeta Engineering College
51	B Satish Kumar	Asst.Professor	Narasaraopeta Engineering College
52	R.Saritha	Asst.Professor	Narasaraopeta Engineering College
53	M.Nandini	Asst.Professor	Narasaraopeta Engineering College
54	K Ashok	Asst.Professor	Narasaraopeta Engineering College
55	K.Ramani	Asst.Professor	Narasaraopeta Engineering College
56	D.Srinivasa Rao	Asst.Professor	Narasaraopeta Engineering College
57	G.Srinadh	Asst.Professor	Narasaraopeta Engineering College
58	A.Thanuja	Asst.Professor	Narasaraopeta Engineering College
59	K.Arun	Asst.Professor	Narasaraopeta Engineering College
60	Ch.Anil	Asst.Professor	Narasaraopeta Engineering College
61	B.Siva Kanaka Raju	Asst.Professor	Narasaraopeta Engineering College
62	Dr V V A S Lakshmi	Professor	Narasaraopeta Institute of Technology
63	DR G.Rama Swamy	Professor	MALINENI PERUMALLU EDUCATIONAL SOCIETY'S GROUP OF INSTITUTIONS
64	P.Ramesh Babu	Professor	MALINENI PERUMALLU EDUCATIONAL SOCIETY'S GROUP OF INSTITUTIONS
65	B.Bhanu Prakash	Professor	KKR&KSR Institute of Technology and Sciences

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Programme Report

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

Date: 15th May, 2022

Program Report

Name of the program: : A Webinar on DevOps

Date(s) of FDP : 13th May 2022

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. Mr. D. Venkata Reddy,
   Asst. Professor, Dept. of CSE, NEC
   9849866902

Objective of the Program

- DevOps is a growing very fastly and its using by Global IT sectors by every IT as small, medium or large enterprise. DevOps is a mindset and technical skill to provide communication, integration, automation, Security, and close cooperation among all the people needed to plan, develop, test, deploy, release and maintain software management. DevOps improves their productivity immensely.
- Every organizations wants to adopt benefits of DevOps mindset because its gives quick application delivery, enhanced innovation, more stable operating environments and performance-focused teams. Instead of developing various features in isolation and integrate all of them at the end of the development process, Continuous integration (CI) equip team of developers to integrate their codes into a central and shared repository early and frequently throughout the day.
- The main objective of this workshop is to bring awareness on Devops and to provide hands on experience to the faculty community.

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Topics Covered

- Devops Environment Setup
- GitHub Commands
- Creating Local and remote repositories
- SonarQube –Static Quality Testing
- Artifactory
- Creating Pipeline

Outcome of the program

On completion of workshop the Faculty will be able to

1) Setup Devops Environment
2) Learn GitHub commands
3) Create Local and remote repositories, pipeline etc.

No. of Participants : 65

Coordinator

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

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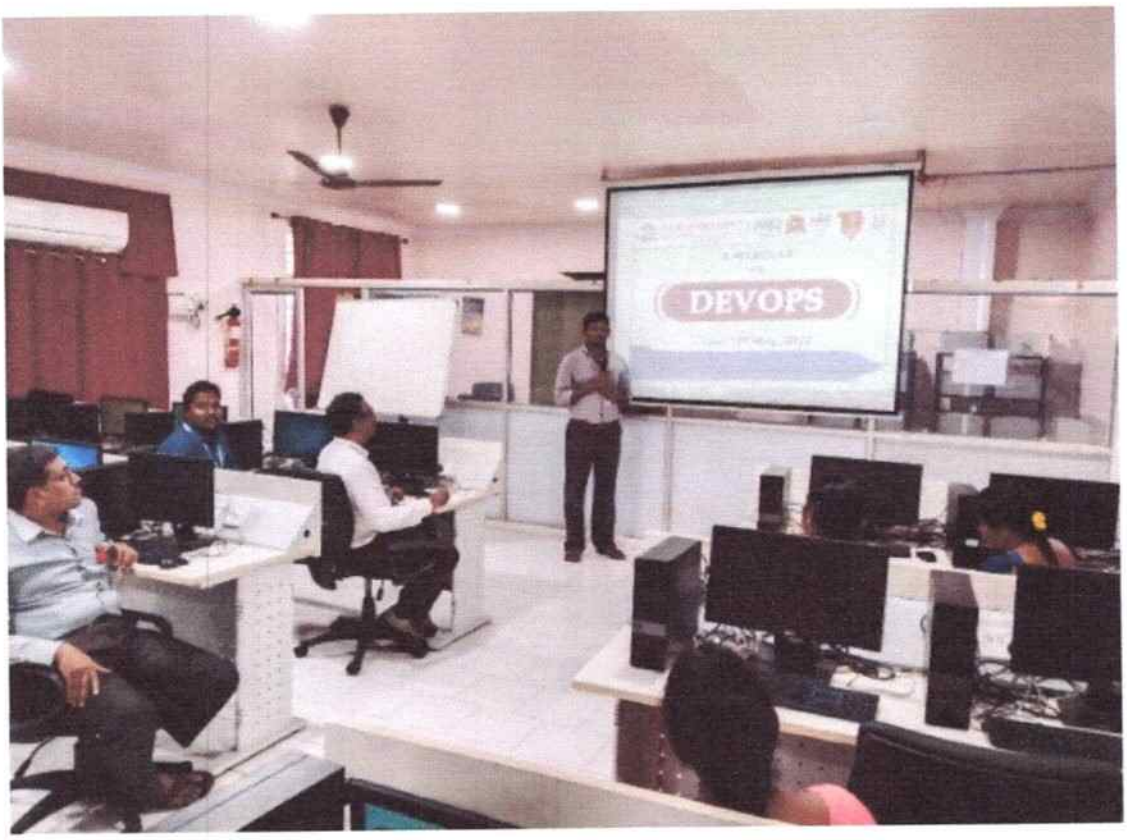
Photos

Photos



Organizing Committeee of A Webinar on DevOps



Resource Person interacting offline with Department faculty participation

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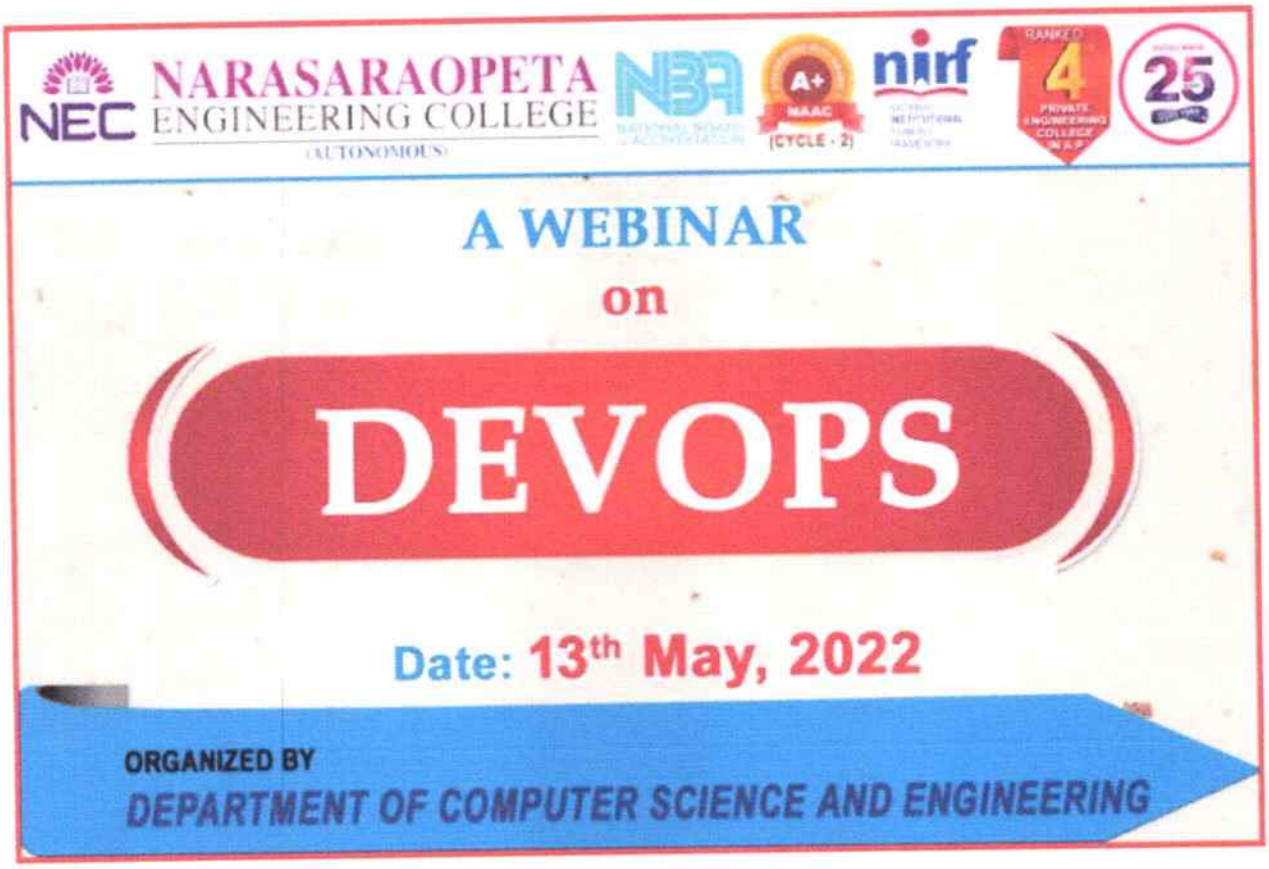
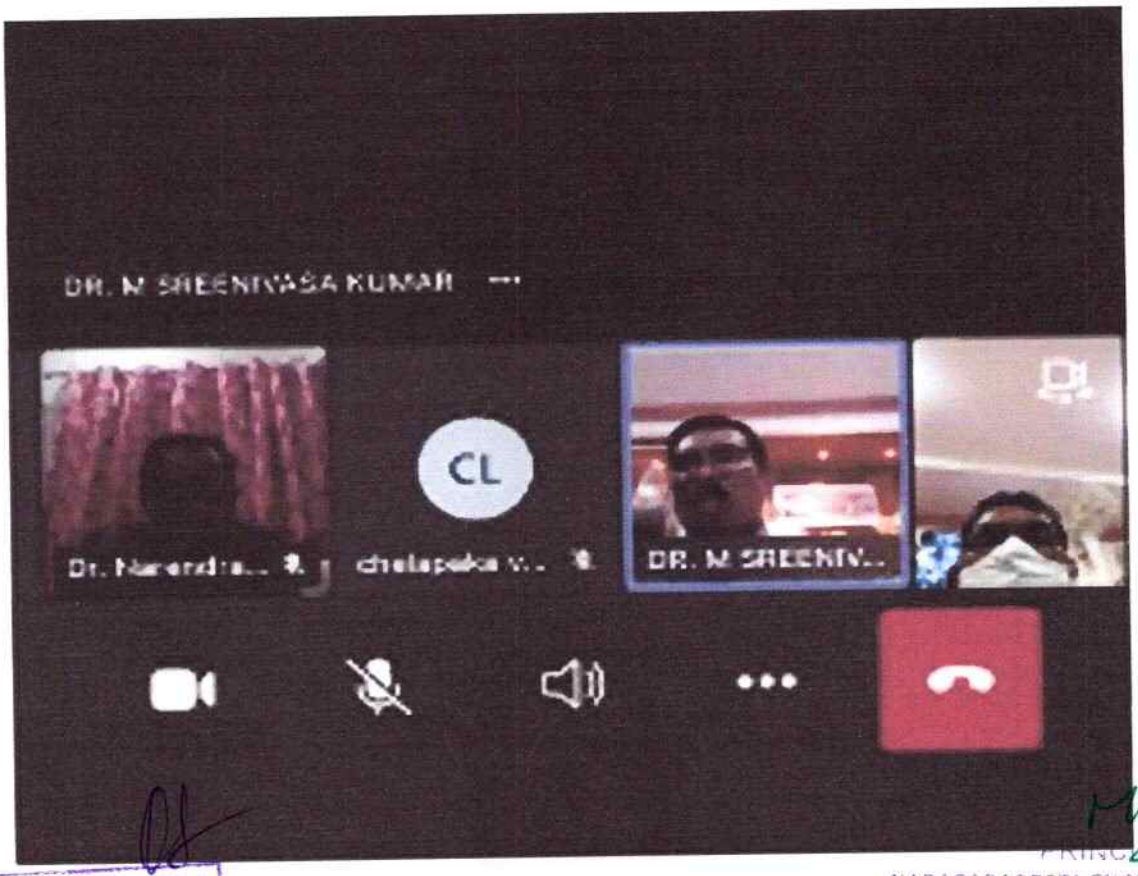


A Webinar on DevOps – Banner



Faculty attending Webinar online

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Sample

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This is to Certify that Mr./Ms. Dr.S.N Tirumala Rao

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Co-Ordinator, HOD-CSE

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