

Course Content:

- Introduction to AR & VR, History
- Overview of AR/VR with Real Applications
- Hands-on session on AR/VR Tools
- Introduction to Unity Architecture
- Unity Software Installation, Configuration,
- Working Environment in Unity

Resource Persons from reputed Industries and Academic Institutions will deliver lectures on AR/VR Technology & its Applications in various domains. Hands-on Sessions on 3D modeling software, AR/VR Development kit etc will be conducted

IMPORTANT DATES:

- ❖ Last date for Registration: 02/01/2021
- ❖ Intimation to Participants: 03/01/2021

Any Information Contact:

Dr S. V. N.Sreenivasu, Coordinator,
Mobil 9849866902,
Email: drsvnsrinivasu@gmail.com



ABOUT THE COLLEGE

The Narasaraopeta Engineering College was established in the year 1998 by Gayatri Educational Development Society, Narasaraopet, under the leadership of Sri M.V.Koteswara Rao, who has a vision of developing this college as an autonomous institution of higher learning & knowledge in the heart of Palnadu Region. The college is approved by AICTE, permanently affiliated to JNTUK Kakinada, Accredited 'A' Grade by NAAC and Accredited thrice by NBA. The college has three recognized R&D centers by JNTUK. NEC is conferred as 'AUTONOMOUS' in the year 2016. The college has launched Incubation Centre where the students can implement their ideas. The college has an MOU with Oracle University (USA). NEC has MOUs with various Foreign Universities. 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, 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 3.5 Star Rating.



A Five Day ATAL Online Faculty Development Programme

On

AUGMENTED REALITY & VIRTUAL REALITY

4th January 2021 to 8th January 2021

In Association with AICTE Training &
Learning (ATAL) Academy

Organized

By

Department of
Computer Science & Engineering

NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)

Thrice Accredited By NBA and Accredited By NAAC
(Approved By AICTE, New Delhi, 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

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. Nine Ph.Ds. are awarded under our department faculty supervision and 10 more research scholars are doing Ph.Ds. Many of the faculty members are upgrading their skills by attending the FDP, Conferences, seminars and workshops in innovative and thrust area technologies regularly. The department having 56 faculty members with 12 Professor, 18 Associate Professor and 26 Assist professors. The dept. has organized Faculty Development Programmes sponsored by AICTE, DST, MNIT JAIPUR, NITTR, Kolkata and Chandigarh in every year

Objective of ATAL FDP

FDP is focused on Augmented Reality (AR) and Virtual Reality (AR) has gained an increasing amount of attention over recent years. Augmented Reality (AR) uses digital technology to overlay information in video, text or image format onto everyday objects in the real world. Virtual Reality (VR) is creating a simulated environment for the users to experience the real environment and interact with the products.

This Programme provides an opportunity to perform research in the area of AR/VR for various domains. The Programme also tends to provide a forum for academic experts, industry experts and research scholars to exchange and share their experiences and innovations about all aspects of AR/VR.

Registration:

- ❖ The faculty members of the AICTE Approved institutions, PG & Research scholars from Government, Industry can participate in this FDP.
- ❖ Number of participants is limited to 200
- ❖ To register, please visit : <https://atalacademy.aicte-india.org/signup>
- ❖ There is No Registration Fee.
- ❖ Participants will be selected on first-come first-served basis
- ❖ Selected candidates will be intimated by e-mail.

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 with minimum 80% attendance and scored minimum 60% marks in the test.

Chief Patron

Sri M.S.Chakravarthi

B.Tech, MS (US), e-MBA (ISB-Hyd)

Vice-Chairman, NEC Group.

Patrons

Sri M.V.Koteswara Rao B.Sc.

Chairman, NEC Group.

Sri M.Ramesh Babu

Secretary, NEC Group.

Co-Patron

Dr. M. Sreenivasa Kumar

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

Principal.

Convener

Dr. S. N. Tirumala Rao,

Professor & Head, Dept. of CSE.

Coordinator

Dr. S.V.N Sreenivasu,

Professor in CSE

Co-Coordinators

Dr. B. Jhansi Vazram,

Professor.

Dr. S. Siva Nageswara Rao,

Associate Professor.

Dr. K.Lakshminadh

Associate Professor

Dr. M. Venkata Reddy

Associate Professor

ORGANIZING COMMITTEE

Ms. G. L. N. Jayaprada	Ms. M. Sireesha
Mr. K.N. Rao	Ms. O Aruna
Mr Sk.K.M.Basha	Ms. Ch.Kamala
Mr. P.Lakshminarayana	Mr S.P.B.Chary
Mr K.V.Narasimha Reddy	Mr Y.Suresh
Mr K.Satyam Reddy	Ms. T.Rupa.
Mr G.Lakshminarayana	
Ms. S.Chaitanya Bharathi	