

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

The Department of Computer Science and Engineering has a vibrant body of faculty with 61 in number intends to set the standards for the quality of education for approaching years. There are 15 faculty who have completed the Ph.D. and 32 are perusing Ph.D. The main objective of the department is to provide a forum in which the participants obtain information about the advanced emerging technologies. Department is involved and aiming at the collaboration process from both industry and academics. To enhance the quality of learning we move forward for more collaborations and interactions with the industry that helps our students to brace themselves for working in the industry. Department of CSE is recognized as Research Center by JNTU, Hyderabad. The department is actively engaged in research activities in the following areas:

- Data Mining
- Cloud Computing
- Wireless Sensor Networks
- Network Security
- Image Processing
- Internet of Things
- Data Analytics and
- Machine Learning.

Department has completed Research Projects worth 98.68 lakhs funded by agencies M/S X-Design Ventures Pvt. Ltd., M/S Drive Lozics, DRDO, UGC. The following are the projects completed by the department: 1. Driving Simulator for Indian Environment 2. Driver safety index using integrated computing system 3. Weapon Locking & Tracking System (WLTS) 4. Development and Validation for NonTechnical Losses(NTL's) detection of Electricity Theft Using Genetic hybrid SVM Approach 5. Development of a High level Frame work that works on flash TLF 2.0 specification for animated text display in e-learning.

Cognitive Science is the study of how we perceive, act in, reason about and form beliefs about our environment. It is an interdisciplinary research area that involves philosophy, psychology, neuroscience, linguistics, anthropology and artificial intelligence.

Augmented Reality is an enhanced version of reality where live direct or indirect views of physical real-world environments are augmented with superimposed computer-generated images over a user's view of the real-world, thus enhancing one's current perception of reality. This workshop is designed to provide an opportunity for in-depth discussion on a specific topic important to cognitive science and augmented reality. It is useful for faculty and research scholars who are doing and completed their research.

COURSE TOPICS:

- ✓ Introduction to cognitive science and human cognition
- ✓ Method - behavioural studies
- ✓ Method- eye tracking and visual cognition
- ✓ hands on demonstration
- ✓ Basics of Unity
- ✓ AR4 & AR6
- ✓ Vuforia
- ✓ Hololens

RESOURCE PERSONS:

- Eminent personalities from University of Hyderabad, and Industry.

IMPORTANT DATES:

- Last date for receipt of application, duly forwarded by the Principal/Director of the Institute: **22-1-2018**
- Confirmation of Selection of Candidates: **22-1-2018**

ELIGIBILITY FOR PARTICIPATION:

Faculty and Students of Engineering Colleges

COURSE FEE:

For Faculty and Student of Engineering and MBA Colleges – Rs. **1000/-** D.D to be drawn in favor of “Principal, VNRVJIET, Hyderabad”, payable at Hyderabad. The course fee covers the cost of course work and material. Lunch and Refreshments will be provided during the sessions.

ORGANIZING COMMITTEE:

Dr. C.D. Naidu

Principal, VNR VJIET

Mrs.B. V.Kiranmayee

Assoc.Professor & HOD-CSE

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CONVENORS:

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Mrs. M.Manasa Devi

Assistant Professor,

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STUDENT CO-ORDINATORS:

M. Santosh Kumar /IV Year

M.Baswaraj /III Year

Y.Vaishnavi /II Year

P.Vathsalya /II Year

REGISTRATION FORM

**A Five -Day Work Shop
On
“Augmented Reality & Cognitive Sciences”**

22nd - 27th Jan, 2018

Name :.....

Qualifications:.....

Designation:.....

Experience:.....

Address for Correspondence:
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Tel: (O).....(R).....

Fax:..... Cell:.....

E-mail:.....

Payment Details: DD/Cash

D.D.No..... Date.....

Amount.....

Bank..... Place:

Date: Signature

Recommendation of Sponsoring Authority:

Date: Signature

College Seal Sponsoring Authority

ABOUT VNR VJIET

Vallurupalli Nageswara Rao (VNR) Vignana Jyothi Institute of Engineering and Technology was established by “VIGNANA JYOTHI”. “Vignana Jyothi” was carved and created in the year 1991 by a dedicated group of Industrialists, Entrepreneurs and Professionals who felt that education is the light that wipes out the darkness of an uncertain future among the youth and determined to impart quality education to them without a profit motive. It is affiliated to Jawaharlal Nehru Technological University Hyderabad. Autonomous status was confirmed to the institution by UGC since 2012. The institute is recognized under section 2(f) and 12(B) under UGC Act 1956. Institution is accredited by NAAC with A grade in the I cycle. NBA has accredited UG-CE programme for 5 years and UG-CSE, ECE, EEE, EIE, IT, ME programmes for 3 years. Our institution is placed in the rank band of 101-150 by NIRF, MHRD and is recognized as “College with Potential for Excellence”(CPE) by UGC.

The college has established exclusive research facilities in most branches of engineering and science. The Research and Consultancy Cell (RCC) handles sponsored and consultancy projects in the advanced areas of engineering.VNR VJIET has got Rs 4 Crores grant in aid from TEQIP under component 1.1 and 400 Lakhs grant from AICTE/UGC/DRDO. The college is located near Bachupally Village, Ranga Reddy District.

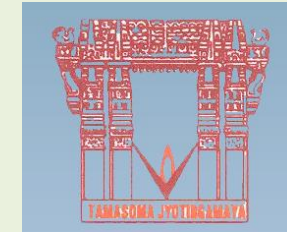
LOCATION PLAN



**A Five-Day Work Shop
On**

“Augmented Reality & Cognitive Sciences”

22nd - 27th January, 2018.



Organized By

Department of Computer Science & Engineering

VNR VJIET

Bird’s Eye View of VNR VJIET



**VNR VIGNANA JYOTHI INSTITUTE OF
ENGINEERING & TECHNOLOGY**

(AN AUTONOMOUS INSTITUTE)

**Accredited by NBA & NAAC with ‘A’ Grade
Bachupally, Nizampet (S.O), Hyderabad –90.**

Visit us at www.vnrvjiet.ac.in