ONE WEEK
AICTE SPONSORED ONLINE
SHORT TERM TRAINING PROGRAMME
on
Outcome Based Pedagogical Initiative for Effective Teaching and Learning

Slot 1: 22nd March-27th March 2021
Slot 2: 19th April- 24th April 2021
Slot 3: 17th May – 22nd May 2021
Slot 4: 14th June – 19th June 2021

Department of
Computer Science & Engineering

Matrusri Engineering College

(Sponsored by : MATRUSRI EDUCATION SOCIETY, Estd:1980)
(Approved by AICTE & Affiliated to Osmania University)
BE Programs: Civil, CSE, ECE, EEE, MECH
Accredited by NBA
Saidabad, Hyderabad-500059, Telangana,India

Chief Patron
Dr. K. P. Srinivas Rao
Chairman
Matrusri Education Society, Hyderabad.

Patrons
Sri. M. Krishna Kumar, Secretary, MES
Sri. Sudhakar Jupudi, Treasurer, MES
Dr. D. Hanumantha Rao, Principal, MECS
Dr. M. Venu Gopal, Vice Principal, MECS

Advisory Committee
Dr. G Manohar, HOD, CIVIL
Dr. N. Srinivasa Rao, HOD, ECE
Dr. G. Ravindranath, HOD, EEE
Dr. M.V. Kishore, HOD, MECH
Dr. T. Shekharam, HOD, S&H
Dr. G. Shyama Chandra Prasad, HOD, IT
Dr. M. Sushanth Babu, Prof. ECE

Coordinator
Dr. P. Vijaya Pal Reddy
Professor & Head-CSE

Co-Coordinators
Mrs. J. Samatha, Asst.Prof. CSE
Mr. V. Chandra Sekhar, Asst.Prof. CSE

Organizing Committee
Dr. K. Sunil Manohar Reddy, Assoc.Prof., CSE
Dr. T. Raghunadha Reddy, Assoc.Prof.,CSE
Dr. L. Raghavendar Raju, Asst.Prof., CSE

Technical Committee
Mr. Ch. Sunil Kumar, Asst. Prog., CSE
Mr. N. Krishna Mohan, Asst. Prog., CSE

Eligibility
All Teachers, Supporting Technical and Administration Staff in area of Technical Education in AICTE Approved Institutions are eligible to participate.

Selection Criteria
Selection will be done based on first-cum-first-serve basis and the confirmed candidates will be notified immediately.

Registration Process
- There is no registration fee for the STTP
- The entire programme will be conducted through online mode and the link to join the sessions using Google Meet will be sent to selected participants through registered mail id/WhatsApp number

Registration Link for Slot 1
https://forms.gle/jQAQowKoRQNbGTWG8

Last date of registration for slot 1:19th Mar 2021
Selection intimation: 20thMar 2021

Test and Certificate
A test is conducted at the end of the programme and a certificate is issued to only those participants whose attendance is 80% and qualifies the test with 60% of marks.

Address for Correspondence
Coordinator
Dr. P. Vijaya Pal Reddy
Mobile: +91-8977207889
E-mail: hodcse@matrusri.edu.in

Co-Coordinators
Mrs. J. Samatha
Mobile: +91-9848393839
E-Mail: samathajuluri@matrusri.edu.in
Mr. V. Chandra Sekhar
Mobile: +91-9966661355
E-Mail: chandrasekharcse@matrusri.edu.in

PAL
na Institute of
Tech... ...ience (for woman)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104

ABOUT THE INSTITUTE

Matrusri Engineering College, Saidabad, Hyderabad, Telangana was established by Matrusri Education Society in 2011 aiming at becoming a pioneer in Technical Education in the private sector.

Matrusri Engineering College offers BE courses in Civil Engineering, Computer Science and Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering, Information Technology and Mechanical Engineering with an approved current intake of 600 students per year. The instructional facilities are spacious, and the laboratories are continuously upgrading with state-of-the-art-equipment. There are over 200 qualified and dedicated faculty members and supporting members.

The UG programs (Civil, CSE, ECE, EEE, Mech) in engineering have been accredited by NBA. It is an ISO 9001-2015 certified Institution. Various top MNC's like Cognizant, Infosys, TCS, Wipro, Capgemini, Deloitte, etc., offers placements to the students. College has well equipped digital classrooms and seminar halls to organize MOOC courses and workshops. On campus wifi facility is available for the benefit of students and staff. Various in house software applications are build for the smooth administration and for the benefit of stake holders.

As a part of extra curricular activities, the institute is organizing cultural fest, Annual day celebrations, Womens day celebrations. There are various student clubs like Music Club, Matrusri Campus Connect, technohub for showing their talent and innovative ideas. The students have participated in different technical and non-technical events at national and international levels and brought laurels to the institute.

The College has a sophisticated Digital Library and also has an impressive repository of technical reference books, Magazines, National and International journals catering to the needs of the students and faculty. The students are encouraged to participate in various games and sports events at state and national level competitions.

ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering was established in the year 2011 with current intake of 180 in Bachelor of Engineering Programme. BE Programme is accredited by NBA in 2019. The department has qualified and experienced teaching and supporting staff.

The department has dedicated laboratories with latest software like Microsoft Products, Rational Enterprise Suite (RES), Rational Software Architect (RSA), Linux, WEKA Data Mining Tool, KEIL Embedded System Software, C/C++/Java IDE, etc. The department is conducting various training programs and certification courses for the students and faculty in association with CISCO, ORACLE Academy. The department has separate lab for innovative product development with high speed internet access. The department has IEI, CSI, ISTE institution membership and also Student's Chapters. Department has student club Matrusri Developers space to organize various hands on technical sessions. Students actively participate in various professional activities, hackathons and secured top positions.

VISION

The Computer Science and Engineering Department aims to produce competent professionals with strong analytical skills, technical skills, research aptitude and ethical values.

MISSION

- To provide hands-on-experience and problem-solving skills by imparting quality education.
- To conduct skill-development programmes in emerging technologies to serve the needs of industry, society and scientific community.
- To promote comprehensive education and professional development for effective teaching-learning processes.
- To impart project management skills with an attitude for life-long learning with ethical values.

ABOUT THE PROGRAMME

The e-learning, Blended learning, Cooperative learning, Active learning have become buzz words in the teaching-learning process. Teachers, who are equipped with these new approaches to teaching and learning, will be able to develop desirable learning outcomes and attributes among the students. In this background, this one-week short term training programme on "Outcome Based Pedagogical Initiative for Effective Teaching and Learning" is organized with following objectives.

Objectives:
(i) Empower the participants with the required teaching competencies, skills and attitudes for outcome-based education.
(ii) Enable the participants of higher education to learn on student-centered instructional methods.
(iii) Enable the participants to integrate ICT tools in teaching.

Expected Outcomes
The participants are expected to gain:
- Principles of learning, Domains of learning
- Formulating instructional objectives
- Teaching strategies to facilitate active learning
- Instructional planning
- Assessment and evaluation methods
- Cognitive layers based design of questionnaire
- Effective laboratory instruction
- Professional ethics in academics
- e-Learning, Blended learning and Flipped learning techniques
- Learning management systems
- Open educational resources
- FOSS Tools in enhancing teaching-learning process
- Preparing and using animations in teaching
- Traits of an effective teaching
- Simulated teaching practice and analysis

Resource Persons
Academicians in the concerned field from IITs, NITs, IIITs, Central and State Universities are invited to deliver lectures in the programme. Speakers from industry also delivers lectures as part of the programme.

G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE
Autonomous
(For Women)

REPORT
on
One Week AICTE-STTP on "Outcome Based Pedagogical Initiative for Effective Teaching and Learning"

(14th June to 19th June 2021)
Organized by Matrusri Engineering College, Hyd.

Date: 21-06-2021

Outcome of the Programme:

Gained Knowledge on

➢ Principles of learning, domains of learning

➢ Formulating instructional objectives

➢ Teaching strategies to facilitate active learning

➢ Instructional Planning

➢ Assessment and evaluation methods

➢ Cognitive layers based design of questionnaire

➢ Effective laboratory instruction

➢ Professional ethics in academics

➢ e-learning, blended learning and flipped learning techniques

➢ Learning management system

➢ Open Educational resourses

➢ FOSS Tools in enhancing teaching-learning process

➢ Preparing and using animation in teaching

➢ Traits of an effective teaching

➢ Simulated teaching practice and analysis

Participants:

Mr. G. Nagababu

PRINCIPAL
G. Narayanamma Institute of
Technology & Science (for woman)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104