

Institutional Distinctiveness

The key points of Vision and MISSION of the institution are

VISION

Centre of excellence

Student centric teaching learning practices & Research

Community

Mission

Best class infra-structure

Innovative Skill Programs for Faculty and Students

Societal problems

The thrust areas focused to achieve “VISION” are

Outcome Based Education

Training of faculty and students in Latest Technologies

Societal relevant problems

To achieve the vision, the institute has identified the thrust areas and established various labs in association with Industries, Govt. & Pvt Sectors thereby realizing a comprehensive outcome based model with required skill sets and social consciousness to make them industry ready professionals.

INSTITUTIONAL DISTINCTIVENESS:

Out of the thrust areas mentioned above the Institute has a distinction by establishing several Centres of Excellence (CoE) and Industry Collaborative Laboratories. The institute has established 4CoEs and the details are described below.

CENTERS OF EXCELLENCE (CoE):

Andhra Pradesh State Skill Development Corporation (APSSDC), Govt. of A.P. sanctioned a “CM’s Skill Excellence Centre “to bridge the skill gap between the colleges and the industry requirement. This CoE is equipping students with the required competencies to suit industry

needs & expectations. 37 laptops were provided under this scheme. Students were trained in courses like Python, IOT, Revit structures, Auto CAD, PCB & PLC, Embedded Systems etc..

APSSDC in collaboration with Dassault systems, setup a 3D-EXPERIENCE centre to make students industry ready in the field of Automotive, Aerospace & Defence and shipbuilding. The center enhances the employability skills of engineering students by making them industry ready through skill enhancement and certification on the 3D-EXPERIENCE platform consisting of 3 modules-Catia, Simulia & Delmia which are useful for 3D design, analysis & simulation of objects.

An Indo-European skilling Centre for Mechatronics & Industrial Robotics lab was established on 2nd November, 2019 by APSSDC in collaboration with GC German Centre for engineering & Management studies, Germany & European Centre for Mechatronics APS GmbH Aachen to establish a framework for initiating innovation models. It consists of 3 modules- ARC 1.0,2.0 & 3.0. ECE, EEE&ME students of 85 members are undergone training on ARC Modules. Faculty members are sent to RWTH University, Aachen, Germany for training on ARC Modules.

Microsoft Innovation Centre: The College has MOU with Microsoft Pvt Ltd for established Microsoft Innovation Centre. It has equipped with the Promotional material, Technical content and educational content& curriculum. Microsoft provide the royalty free licence software like Microsoft Office 365, Microsoft Visual Studio, SQL Server, Windows server, etc. and to use the Microsoft trade mark solely as part of the Microsoft innovation centre organised Technical Training & certification Programmes. Faculty are trained on Microsoft Azure Cloud Module.

ICTACADEMY: ICT Academy is an initiative of the Government of India in collaboration with the state Governments and Industries. ICT Academy is a not-for-profit society, the first of its kind pioneer venture under the Public-Private-Partnership (PPP) model that endeavours to train the higher education teachers and students thereby exercises on developing the next generation teachers and industry ready students. To bridge the Industry-Academia skill gap, and to develop the next generation teachers & students. ICT Academy providing consultancy and training through industry specific research thereby creating a new generation of talent pool.

IUCEE (Indo Universal Collaboration in Engineering Education): NEC has a consortium member of IUCEE in 2018. As a consortium member Faculty got a chance to attend a series of webinars to upgrade Technology and Teaching Learning Process

NSS Activities:

In autonomous regulations, participation in NSS is made mandatory for all students. NSS unit in the college to involve entire student community in serving the society. The institute, through NSS units, organizes various activities for the benefit of the society and there by inculcating the service motto in the students. Some of the activities by NSS units:

NSS received Appreciation from DSP, Narasaraopeta for participating in “Mahasivaratri Local Festival” at Kotappakonda for service the pilgrims.

NSS Received Appreciation from MPDO office, Narasaraopet
For participating in Vanam – Manam Program

Conducted number of Blood donation camps and medical camps. Provided services to the victims of natural calamities, Conducted World Waters Day, Conducted International Day of Yoga, Conducted Traffic awareness Program, Vanam – Manam Program, Conducted Free Eye Check-Up Camp, Organized an Awareness on Plastic Waste, Pollution Awareness Program, Conducted a Ralley on Plastic Waste Pollution in Narasaraopeta Town, Youth Festival, Participation in a Ralley of DISHA Act to support women protection from assault by alerting Police, introduced by Govt. of A.P. Distribution of fruits at Old Age Home

Due to the above distinctiveness, the following outcomes have been achieved for the AY 2019-20.

Faculty Outcomes

Total IPRs are 11 out of which 10 published and 2 are granted
6 Ph.Ds are awarded under our faculty
Research papers published in the Journals and conferences are 85.
248 Faculty are completed MOOCs

Student Outcomes

Total Placements are 553 and an average package of Rs 3 lakh

Prizes/Awards in National and Global Competitions are 188

Participation in National contests are 538

2285 Students are completed MOOCs (Coursera, NPTEL, Solo learn, Spoken Tutorial etc.)

A handwritten signature in black ink, appearing to be 'Mky' followed by a stylized flourish.