DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ENGINEERING INDIA'S CHANGEMAKERS

NAAC
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
EXCELLENCE • CREDIBILITY • RELEVANCE

DEPARTMENT PROGRAM EDUCATIONAL OBJECTIVES

PEO No	Program Educational Objectives Statements
PEOI	To provide solutions to difficult and challenging issues for engineering professionals by applying computer science and engineering theory and principles.
PEO2	To offer successful careers in computer science and engineering fields in order to successfully pursue advanced degrees.
PEO3	To enhance effective communication skills, collaborative work and exhibit high levels of professionalism, honesty and ethical responsibility.
PEO4	To develop the ability to understand and analyze engineering issues in a broader perspective with accountability towards sustainable development.

VISION AND MISSION OF THE INSTITUTION

VISION //

To become self-sustainable institution which is recognized for its new age engineering through innovative teaching and learning culture, inculcating research and entrepreneurial ecosystem, and sustainable social impact in the community.

MISSION //

- To offer undergraduate and post-graduate programs that are supported through industry relevant curriculum and innovative teaching and learning processes that would help student's build knowledge and skills for their professional careers.
- To provide necessary support structures for students, this will contribute to their personal and professional growth and enable them to become leaders in their respective fields.
- To provide faculty and students with an ecosystem that fosters research and development through strategic partnerships with government organizations and collaboration with industries.
- To contribute to the development of the region by using our technological expertise to work with nearby communities and support them in their social and economic growth.

VISION AND MISSION OF THE DEPARTMENT

VISION //

To become a self-sustainable institution and acknowledges as a new age engineering institution by inculcating research and entrepreneurial culture among stakeholders through industrial collaboration seeking the project support and providing consultancy.

MISSION //

1. To inculcate a spirit of research and teach the students about contemporary technologies in computer science, to meet the growing needs of the industry.
2. To enhance the practical knowledge of students by implementing projects based on real time problems through industrial collaboration. To encourage and develop entrepreneurs to increase the job market and creating economic sustainability.

ORIENTATION PROGRAM

The Orientation Program started on an auspicious note with Lamp, Lighting, and Devotional Song. It was followed by an opening note from our honorable Principal, Dr.R.S.Jahagirdar sir, along with Dr. Anil Rakunde Sir from ECE dept. along with Ramakrishna Reddy sir from CSE Department.

The First of orientation day begin with some funformal events for II & III Year students. Students had a lot of fun with events like Tongue-Twister, Newspaper fashion show, Balloon game, and Dumb Charades. These games help students to develop their team-building skills. Then later, Mr. Rama Krishna sir explained to the students about the goals and how to deal with difficult subjects.

The second-day orientation program started with a session by Dr.L. Srinivas Reddy sir Principal of Aristotle P.G. College. Following that a small interaction between the II & III Year students, Inspirational talk by Dr.K.Rohit Reddy Sir, Academic director of KGRCET. After that, M.Jyoti ma' am explained about the lectures on NPTEL and Swayam how to get registered. She suggested the lectures to watch.

Later, that afternoon session the orientation concluded with Hima Sagarika madam explaining the importance of IOT (Internet of Things), CEED (Center of engineering education development) also gave awareness to the idea labs people. Then after that, Sowj anya madam explained about SWD (student welfare department) clubs.
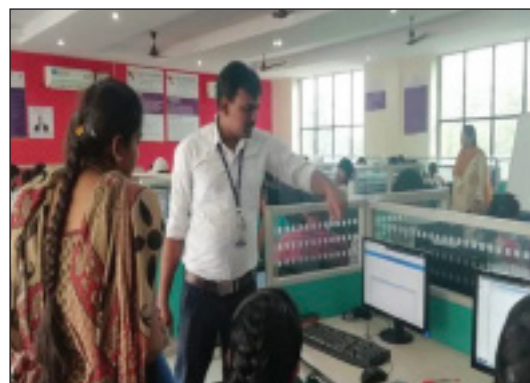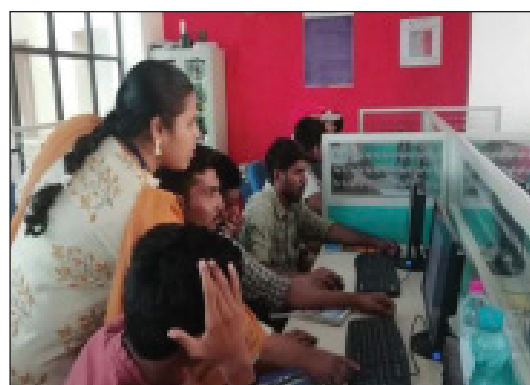
WORKSHOP ON PYTHON PROGRAMMING AND DATA EXPLORATION

KG Reddy College of Engineering and Technology conducted a three days workshop on Python programming and data exploration program from 28th to 30th August 2019 under the aegis of its CSE dept. The resource person of this workshop is Mrs. Rameshwari, Senior Technical Trainer, NIIT Ltd., Hyderabad.

The resources person explained the students with Python Constructs, Object-oriented programming, and Data Modeling using Machine learning techniques. Later, in the afternoon students had hands-on hours of practice.

In the afternoon, hands-on hours begin of practice on the basics of Python Programming. Then the next day, the resources person, Mrs. Rameshwari continued the session by a quick review of the previous session, then later she covered a few important topics like Importing/Exporting data, object-oriented programming, Data modeling using Machine Learning Techniques.

CSE-HOD (Dr.H.S.Wankhede) Sir gave the vote of thanks stated. He also mentioned that all the students were very active and made the workshop fruitful. He also advised all the participants to continue their practice in the technologies rendered in this workshop to become skillful and be fit forthe challenging job roles.

PARENT-TEACHER MEETING

The parent-teacher meeting was organized by the CSE Department was held on 21st September from 9:30 a.m. onwards concerning II, III & IV B.Tech students. The meeting started by the resource person briefed the parents about the importance of the parent-teacher meeting. It was followed by an explanation of objective and general expectations from the parent. The agenda included explained objectives and general expectations from the parents.

Facuity members handling the II, III & IV B.Tech students explained the importance of being regular to college apart from being attentive in the class. They also suggested spending time with their wards. They also informed about the upcoming exams and the system to be followed to keep themselves side of the side with college procedures.

Dr.H.S.Wankhede, HOD from CSE Dept. explained to the parents about the connectivity with the college system through the Stumagz app and their access to know about many other students' information in the college. Parentsshowed enthusiasm in being connected with the faculty members dealing with the different subjects to know the new details and about their ward.

A consolidated sheet that represents cumulative attendance helped parents to understand the status of student's regularity. Later in the session concluded by Simple feedback from parents where the common request/suggestion was to reduce college timing to 4:00 p.m., Request RTC to provide more busses.
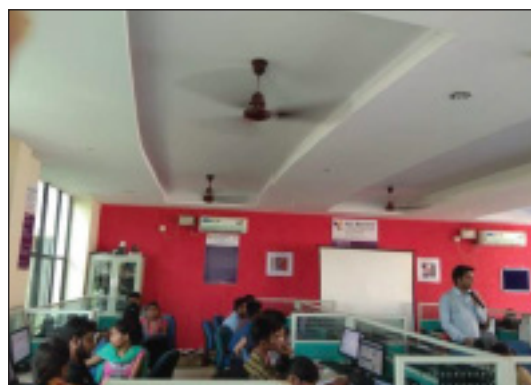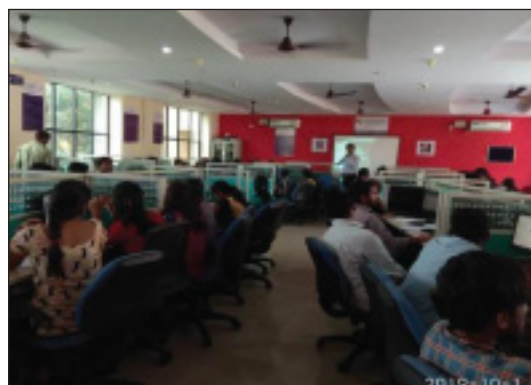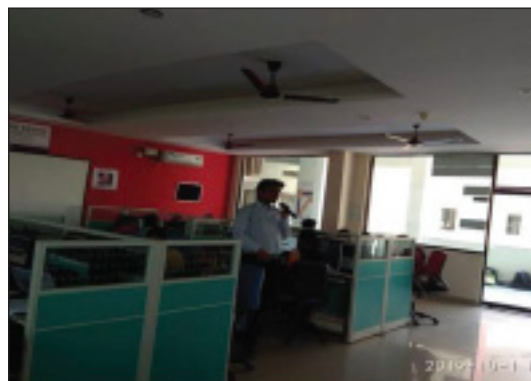
BOOT CAMP ON PYTHON PROGRAMMING

KG Reddy College of Engineering and Technology conducted a 4- Day Boot camp on python programming from 01st to 04th October 2019 under the aegis of its CSE dept. The resource person of this workshop is Mr. Arp it Yadav, Assistant Professor of our college.

The Boot Camp started with a discussion on the basics of python programming and then an introduction to different machine learning packages used for applications like numerical calculations, algorithm training. The second day workshop continued with students working on theNumPy (numerical python) package which is of great use to numerical calculations and panda's library.

Students were given examples and asked to solve similar other examples. Students were given several hands-on experiments to do which was really great fetching to students. It helped them to explore things practically. The third day the learning continued with mat plot lib package of python which is mainly used for graphical visualizations.

The program concluded with the trainer summarizing all the topics and packages covered during the session. The trainer has given a few sample projects to work on by using simple linear regression and multiple linear regressions. Students worked in a data set.

ORIENTATION PROGRAM AND BOOT CAMP ON BLOCKCHAIN

Block Chain technology is a new way of documenting data on the internet. It can be used to develop applications for social media, social network sites, distributed personal messengers, online games, stock exchanges and many more. Block chain technology can be utilized in multiple industries including financial services, health care, government, travel and hospitality, etc. so Mr.Pankaj Diwan, the resource person introduced the session.

After the introduction of BlockChain, he spoke about how the technology works, disturbed database, building trust with BlockChain, the benefits of technology and lastly about technologies involved with. He explained everything clearly. He covered every point perspicuously and also clarified the questions of the students.

The two-day boot camp program for the students was conducted by Mr. Pankaj Diwan, the resource person. He started the session with an introduction of BlockChain, why BlockChain should be studied, the Use case of BlockChain, what the internet did for communication; BlockChain will do for the trusted transactions

Later after the break, that's 1:30 p.m. Mr.Rohith and Mr. Sai Akshay took a charge for the session. The session took place in the lab where they spoke about Metamax, the installation of Metamax. Where students installed and created their own accounts also tested their network. Later they learned to to add currency in the account, and transaction using metamax.

GUEST LECTURE ON PYTHON PROGRAMMING

KG Reddy College of Engineering and Technology conducted a Guest lecture on python programming on 5th October 2019 under the aegis of its CSE dept. The lecture was conducted by the guest Mr. S.Venkateshwarlu associate professor from Vidya Jyothi Institute of Technology in the CSE Dept.

Students were made familiar with the basics at first and then an introduction to the need for GUI programming then the inbuilt packages of Python which make python the best programming language. The session was interactive, students participated very ac tively.

After the break, a quick review and students cleared their queries related. The guest was happy about the interaction and gave a lot of inputs to students. Later then, he concluded the session by discussing Dj ango project different job opportunities tvailable on python.

Chief Editor: **Prof Uday Sri.**

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