







DEPARTMENT OF CIVIL ENGINEERING

The Department of Civil Engineering of RCE was established with vision to become the finest centre of advanced research and training in the field of civil engineering and pro-active in industrial interaction and technology. Civil Engineers build the world's infrastructure, which encompasses Railways, Highways, Bridges, Water-works, Skyscrapers, Canals, Wharves, Industrial Buildings, Rapid Transit Systems, and Power Plants etc. They deal with the design, construction, maintenance and repair of structures. There are opportunities galore for civil engineers, with new players entering the market and more large-scale developments announced around the globe. In RCEE, the four-year B. Tech program of the Department is dedicated to delivering technically proficient and ethically responsible engineers to the society.

Highlights

- Faculty:- The major strength of department is experienced & motivated faculty with good qualification and working together as a team.
- Department received grant from MOUs under NHAI (ministry of road Transport & Highways) for Student Internships.
- Department received consultancy works over testing soil & concrete works from Government & Non-Government bodies for development
 of Laboratories.
- Infrastructure:- Department has developed extraordinary Infrastructure, E.Classroom, Department Library, Laboratories, CAD labs.
- Industrial interaction:- Department has strong links with construction Industries in the form of regular Industrial Visits, Guest Lecturers, and Summer Training for all students and value added workshop on auto-CAD.
- o Co-curricular activities:- Students Counselling, Teacher Guardian, Academic Workshop & Seminars from Industries/Academicians Expert.
- Student association:- Civil engineering student's NIRMAN Association is a body which regulates cultural, sports & Career Development
 activities in students and helping hand to orphanage and old age homes...
- Social activities:- Swatch Baharat, Tree Plantation, Conservation of Water/Rain water Harvesting



Careers

In engineering, design means a possible creative solution to a problem whether old or new Civil engineers work for architectural and engineering firms, national and international corporations, construction companies, telecommunication businesses, utility companies, consulting firms and government agencies. They can also be employed by toy manufacturers and health equipment manufacturers as designers.

- Building Engineer.
- **❖** Building control surveyor.
- Building services engineer.
- Civil Engineer.
- Construction Engineer.
- **❖** Cost & Estimation Engineer.
- Engineering geologist.
- Environmental engineers.



DEPARTMENT OF CSE

The most important aspect of Computer Science Engineering is problem solving, which is a necessary life skill. Students in CSE learn how to build, implement, and analyse software and hardware that is utilised to address problems in a range of fields, including business, science, and social settings. The CSE is the mother of new and trending courses, including AI&DS, Cyber Security, and the Internet of Things. The majority of individuals nowadays rely on CSE to help them improve their lives. Businesses are continually enhancing their products and services by utilizing CSE to provide and meet customer requests.

Highlights

- Training for students under the guidance of experienced faculty and doctorates in versatile disciplines
- Special training programs (InfyTQ, CODEVITA, NINJA) oriented towards jobs in reputed companies
- Sophisticated, Standardized lab infrastructure with genuine software (MATLAB, DEEP LEARNING TOOL BOX, RATIONAL ROSE)
- O Dedicated labs for Academics, Training and Placements



Careers

CSE has a wide range of career opportunities in the insurance, banking, digital marketing, e-commerce, and government sectors, including Product Engineer, Testing & Quality Manager, Software Developer, and Software Quality Analyst.



DEPARTMENT OF CSE (Cyber Security)

"Nothing is safe and Anything can be Hacked". During the next five years, Cyber Crime might become the greatest threat to everyone in the world. The World needs Cyber Security Professionals in Millions. There is the highest demand for Security Engineers with 35,000+ job openings that require a B. Tech in Cyber Security as a Bachelor's Degree. Unfilled cyber security jobs worldwide will reach over 4 million by 2025.

Keeping this in view, RCE has introduced a Cyber Security Course, one of the most essential Cyber Skills one should have. It gives cyber etiquette, how to behave online and make the students know about the security. The intent of the programme is to train students to scale up the demand from multiple industrial areas on the cyber world to endorse effective methods practices and tools to counter the cybercrime through domain experts and real time projects.

Highlights

- Unique blend of Faculty and Industry Experts.
- Hands-on learning through well-equipped Virtual Cyber Security Laboratory.
- Certificate Courses for free with career transition boot camp.
- Provides numerous opportunities to learn and grow.





Careers

The scope of Cyber Security has turned more competitive in India. Most hiring is happening for Cyber Security Professionals with an average package of 7 lakhs. To build and elevate your career, then enrol in our B Tech (Cyber Security) Course.



DEPARTMENT OF AI & DS

It is not an exaggeration to suggest that Artificial Intelligence and Data Science is everywhere in academia or society. All is focused with the creation of systems that display human-like behaviors such as sensing, learning, communicating, making decisions, and acting in a physical and social world. Because of the efforts made by experienced faculty to allow students to obtain relevant certifications and participate in real-time projects during the course, it ensures the best employment in the Al industry.

Highlights

- Experienced faculty in the domain of AI&DS
- Reputed certifications by COURSEERA, IBM, AWS
- O Sophisticated lab infrastructure to stimulate Al environment
- Training in the development of Real-time projects

Careers

In the fields of healthcare, banking, digital marketing, e-commerce, sports, agriculture, education and construction, Al&DS provides job prospects as Big Data Engineers, Business Intelligence Developers, Data Scientists, and Machine Learning Engineers.

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DEPARTMENT OF IOT

B.Tech, CSE(Internet of Things(IoT)) is in-demand and skill based course introduced in the year 2020 with an intake of 64 students. The Department is led and functioning with highly experienced doctorates and professionally certified young trained faculty members in various domains such as Sensor Technology, Wireless Network, Wearable Computing, Amazon Web Services (AWS), Microsoft Azure IOT Services, Industrial IOT Markets & Security. As the significant revolution in Computer Technology, data is now becoming the globe's most valuable and vulnerable resource. IoT is acting as significant major role as data source for product/service development in Artificial Intelligence, Machine learning and Data Science.

Highlights

- Well equipped laboratories with modern hardware equipments and licensed software
- Updating student's cognitive skills and knowledge through conduction of value added program, project expo and international conferences, Industry
 Oriented Inplant Training from reputed institutions and companies.
- Development of automated smart devices and solving real time issues with the combination of cutting-edge technologies for the various emerging fields
- Andhra Pradesh State Skill Development Cell(APSSDC) and NewGen IDEC providing Technical and Financial support for implementing student's project idea and for startup companies
- Training and Placement Department providing Soft Skill & Technical Skill development programs to students for their successful placements and starting off their careers.





As IoT is an interdisciplinary subject and rapid development in Artificial Intelligence and Machine learning, plenty of job openings available across the world. As this program is designed to produce versatile engineer, students will have adequate and vast knowledge and they will become fit to work in various in-demand technical and senior administrative job roles in top level Multinational Companies

- IOT Data Analytics
- **❖ IOT Infrastructure Architect**
- IOT Full Stack Developer
- * Embedded Program Engineer
- Sensor & Actuator Professional
- IOT/Cloud Software engineer
- ❖ IOT System Administrator
- * AWS/Azure IOT Developer & Technical Architect
- User Interface Development across devices
- IoT Database Engineer







BEST IN ELURU





Counselling code

RCEE/RCEE1



DEPARTMENT OF ECE

The Department of Electronics and Communication Engineering (ECE) has well qualified and dedicated faculty members. The faculty always strives for imparting better knowledge to the students and works as a team in all departmental activities. The Department of ECE is equipped with faculty specialised in various Electronics and Communication fields research area. JNTUK has recognized ECE department as Research Centre for carrying out research leading to research degrees. Our department is providing a platform to showcase the hidden talents of student Community.

Providing a platform for experimental learning by various lab facilities includes Electronics, DSP and DICA, VLSI Design, Microwave and Optics, Digital and Analog Communications etc. to showcase their skills.

Laboratories are well equipped and established with advanced licensed software Cadence, HFSS and 3.2GHZ Vector Network Analyser (VNA) equipment for research.

Highlights

- Software training on Python, Java, C++
- Hardware project design on Arduino Controller, RF Design, VLSI and Embedded system Design and IoT Applications
- Sponsored funding for startup's and Innovative ideas
- Certified Courses on Cisco Devnet, CCNA, AWS.
- Students Placement in Top MNCs





Electronics and Communication are the two most happening entities of modern technology. The demand for both of these has remained quite high in the last few years and is expected to reach the apex within ten years. This is the reason that ECE graduates find jobs easily in both the public and private sectors. The ECE students can show the flexibility of choosing software field over hardware field. Companies like Samsung, Infosys, TCS and Motorola are among the top recruiters of ECE graduates. Besides these, graduates with good technical knowledge and skills gets recruited by PSU's like DRDO, ISRO, BARC, BEL etc every year. Hence, considering the career prospect, ECE is surely a beneficial stream for engineering aspirants.



DEPARTMENT OF EEE

The Electrical and Electronics Engineering Department aims to give the students a real time experience and help them to learn the true functional elements of ELECTRICAL & ELECTRONICS. It nurtures the students to acquire adequate hands-on experience through laboratory work, seminars and internships. And also provides intensive training to the students on software design and hard-ware & software integration so as to create more space for them in the job market.

The department of EEE has fully equipped labs with modern technology. The department has rich experienced and dedicated faculty with background of industry and teaching experience which moulds enthusiastic students into excellent engineers. The exposure to the latest technologies fosters the creativity and independent thinking of students.

Highlights

- High state of art infra structure
- Well established laboratories
- Highly qualified and well experienced faculty
- MOU's with reputed organizations for Industrial visits, internships and Job opportunities
- Skill development training
- Sponsored funding for start ups and Innovative ideas



Careers

Electrical Engineering has a wide career opportunity in sectors like Software, Electronics, Power Corporation, IT consultants or Manager, Aviation Technology, Communication Technology, etc. Some of the major hiring companies in India are BHEL (Bharat Heavy Electricals Limited), SAIL, TCS, ONGC, MTNL, BSNL. Apart from private jobs, the scope for Government jobs is also higher for people from an Electrical Engineering background. Electrical engineering is useful in any sector serving technological services. All Central and State Government sectors, Civil Services, Defence Services, Electrical and technological consultancies hire people from the electrical engineering background.



DEPARTMENT OF MECHANICAL ENGINEERING

Mechanical Engineering branch combines engineering physics and mathematics principles with material science to design, analysis, manufacturing and maintaining mechanical systems. Mechanical Engineering in RCEE endeavours to create top notch graduates through meticulous coursework and advanced research exercises. To achieve the necessary Academic standards, quality guidance to graduates is conferred by the prompt and qualified faculty imparting great academic insights.

The Mechanical Engineering department established all the laboratories as per the JNTUK curriculum to enhance and inject the practical and research oriented education. We have a group of exceptionally qualified, experienced, developed and devoted teaching staff who are resolved to cut a name in the top spots of the scholastic and expert world. Students are frightfully prepared to meet the current industrial requirements.

Highlights

- The department is offering Skill Development Technical Training (SDTT) on
 - Dassault systems Computer Numerical Control (CNC) 3-D Printing Drone Technology & Ansys
- Research oriented laboratories
- R&D Activities
- Student and Faculty exchange activities
- Internships and Industrial visits
- Funded Projects
- Choice based placements

Careers



The Mechanical Engineering Department has a tremendous future scope in Career opportunities and research. Mechanical Graduate can enter into various sectors like Aerospace, robotics, advanced modelling and design, Manufacturing and Production, Nuclear, Chemical and Biomedical. Students can also get placement in government sectors like ONGC, BPCL, HPCL, SAIL, HAL, IOC, GAIL etc. Apart from the career opportunities Mechanical Department has an opportunity to do research in various research centres like CMERI-CSIR.



DEPARTMENT OF MBA

The Master of Business Administration is an internationally recognized degree designed to develop the skills required for careers in business and management. An MBA can also be useful for those pursuing a managerial career in the public sector, government, private industry and other areas.

Ramachandra College of Engineering committed to achieve its vision and mission through excellent research education and practice. By exchanging of thoughts with their faculties and staff department gives enormous inputs to the students. The main motto of the department is to cast innovative and ethical entrepreneurs. The Department has both industry and academics experienced faculty with 4 Doctorates who had been interest in research projects, patents and publications. Ramachandra College of engineering offers three different types of specializations since 2009 viz.,

Highlights

- Well established labs
- Computers and Audio-Visual devices for digital lectures
- Effective placement training
- Group discussion halls for intricate training
- Communication skills labs
- Teaching Methodology including discussions on Case studies, Regular assignments, Class test for quality education
- The Industry Interface Programme for Students
- Conducting Guest lectures
- Industrial visits
- Activities based learning



Careers

RCEE is a best platform to provide opportunities to interact with eminent personalities from the various corporate companies to share their knowledge and experience

428 JOB OFFERS IN ACADEMIC YEAR 2020-21

CONSULTANCY SERVICES

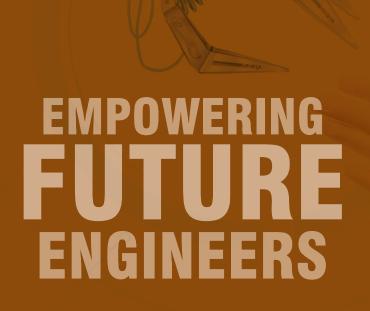


accenture





MEET THE PROUD ACHIEVERS OF RCE





FOR ADMISSIONS 94929 35222, 94929 36222

