

COUNSELING CODE  
**NRCM**



# **NARSIMHA REDDY ENGINEERING COLLEGE**

**UGC AUTONOMOUS**

»»» **Inspiring** the next generation



ज्ञान - विज्ञान विमुक्तये



# Generating fresh trends.

Narsimha Reddy Engineering College (NRCM) was established in 2007 under Jakkula Educational Society. The Institute is managed by Sri. J. Narsimha Reddy and other visionaries. The goal of NRCM is to provide world-class education and produce highly skilled engineers, who can lead innovation and contribute to technological advancements. Our campus provides a vibrant and dynamic environment with lush green gardens and landscape that serves as a hub for technological exploration, innovation, and learning. Spread across sprawling grounds, it encompasses state-of-the-art facilities, cutting-edge laboratories, modern classrooms, and collaborative spaces designed to foster creativity and collaboration. The campus buzzes with the energy of aspiring engineers, faculty members, and researchers who are driven by a passion for knowledge and discovery. The Institute is located in Maisammaguda, Secunderabad, Medchal District, and is well-connected by all means of transportation. Narsimha Reddy Engineering College (NRCM) is a leading engineering institute committed to impart quality education and produce skilled professionals who can make a meaningful impact in the world. With a strong focus on academic excellence, research, and industry collaboration, we equip our students with the skills and knowledge needed to tackle real-world challenges.

## Institute Profile

Name	: Narsimha Reddy Engineering College (NRCM)
Estd. Year	: 2007
Managed by	: Jakkula Educational Society
Approved by	: All India Council for Technical Education, New Delhi
Accreditation	: NBA accreditation for B.Tech programs and NAAC accreditation with 'A' Grade
Autonomy	: Autonomous status from University Grants Commission (UGC), New Delhi
Affiliated to	: Jawaharlal Nehru Technological University Hyderabad
Campus	: Maisammaguda, Hyderabad – 500100, Telangana
Distance	: Secunderabad - 17 km







## Vision:

To produce competent professionals who can contribute to the industry, research and societal benefits with environment consciousness and ethical values.

## Mission:

**M1:** Adapt continuous improvements in innovative teaching-learning practices and state-of-the-art infrastructure to transform students as competent professionals and entrepreneurs in multi-disciplinary fields.

**M2:** Develop an innovative ecosystem with strong involvement and participation of students and faculty members.

**M3:** Impart National development spirit among the students to utilize their knowledge and skills for societal benefits with ethical values.

## Quality Policy:

At our college, we are committed to maintain high standards of excellence in technical education by encouraging and improving innovatively. Our policies are centred on quality assurance with the aim developing the college into a center of excellence that provides quality service to society while increasing stakeholder value. We continuously strive to enhance the standards of competence in our educational programs by incorporating the right mix of knowledge, training, and research. Furthermore, we aim to improve the quality of our infrastructure and stay in tune with global trends to add value to our institutional growth.



# The Forerunner

He firmly believes in the need for a new era of world-class, comprehensive, and student-centric education. This requires redefining our processes and working diligently with a progressive attitude towards the future, with a caring heart. Mr. Jakkula Narsimha Reddy, the founder and Chairman of Narsimha Reddy Engineering College (NRCM), is passionate about spreading education in rural India and envisions a higher education destination that transforms learners into achievers. He believes academic excellence, coupled with co-curricular and extra-curricular activities, completes the education process and helps students grow mentally alert and physically sound, enabling them to lead our nation with distinction.

**Sri Jakkula Narsimha Reddy**

Founder and Chairman



Mr. Trishul Reddy, a dynamic entrepreneur with ample expertise in both business and academia, plays a crucial role in enhancing and consolidating the administration and academic channels. He follows the ideologies and principles set by his father, Mr. J. Narsimha Reddy, the founder of Narsimha Reddy Engineering College.

In addition to his role as an administrator, Mr. Trishul Reddy is also an innovative entrepreneur who strives to make the institution a preferred destination for Engineering Education at a higher level.

**Mr. Jakkula Trishul Reddy**  
Secretary



Sri. Jakkula Thrilok Reddy, a young and energetic Post Graduate in Management Studies, holds the position of Treasurer in Jakkula Educational Society. He is a person of integrity and business acumen, responsible for managing college assets and academics. His role includes overseeing investments in the institution's endowments and working with the board to set priorities and direction for investment and academics management. Additionally, he works closely with the board to make strategic decisions in grooming the Institution.

**Mr. Jakkula Thrilok Reddy**  
Treasurer





NRCM provides a student-centered learning environment with close student-faculty interaction and constant participation of the industry. The emphasis is on purposive curriculum, tailored to the needs of the industry and practical training to enable the young graduates easily cope with the professional challenges as they get into the industry. We are well equipped in every aspect to successfully meet the expectations of the industry. NRCM aims to shape the students as individuals capable of thinking independently, creatively and objectively. The holistic approach in teaching and learning encourages students to indulge in extra-curricular activities to shape them as Leaders of Tomorrow.

**Dr. A Mohan**  
Director



Dr. R Lokanadham, completed his B.Tech. in Mechanical Engineering from SV University, M.E. from Karunya Institute of Technology, Coimbatore and Ph.D. from S University, Tirupathi. Having good academic track and passion in academics he came into teaching field 30 years ago after gaining 3 years of Industrial Experience. He served various academic positions like Principal in reputed institutions, Controller of Examinations, Board of Studies Chairman, Academic Council Chairman and many more. He is a recipient of Best Teacher and Best Engineer award. He has published 18+ Journals and he is also a reviewer for an International Journal. He is an active member of various Professional Bodies including MISTE and IAENG.

**Dr. R Lokanadham**  
Principal



# Courses Offered

## B.Tech Programs

Computer Science and Engineering

CSE (Artificial Intelligence & Machine Learning)

CSE (Cyber Security)

Information Technology

Electronics and Communication Engineering

Electrical and Electronics Engineering

Mechanical Engineering

Civil Engineering

## PG Programme

Master of Business Administration





# Why study at NRCM?

## **Data and statistics.**

As one of India's largest and fastest growing metropolitan cities, Hyderabad plays a significant role in the country's economy. Located in this culturally diverse hub of international education, technology, business, industry, and innovation, NRCM global connections offer limitless opportunities.

## **Embrace learning enriched with technology.**

We utilize cutting-edge technology to offer an enhanced learning experience through our inventive social learning areas, digital learning platform, advanced computer labs, and modern research facilities.

## **Placing our students at the center of our mission**

At our Institution, we prioritize our students by offering a range of on-campus and flexible study options that incorporate work-integrated learning. Our approach combines academic theory with practical experience through work experience, internships, placements, giving our students the real-life skills and knowledge.

## **Advanced potential and limitless triumph**

We offer a wide range of opportunities for academic and professional success, including advanced technology training, globally recognized industry and business certifications, internships, and student exchange programs.

## **The impact of our research is felt around the world.**

We consider learning and research as interconnected components of our students' experience, positioning them in proximity to world-class research that is transforming the lives of the communities we cater to.

## **Contemporary Curriculum for Real-World Preparedness**

Our collaboration with the community, industry leaders, and business partners helps us to create course content that caters to the needs of both employers and the rapidly evolving job market. This approach enables us to prepare our students to face the challenges of the global workplace and succeed in the future jobs.

## **Achievement of exceptional accolades.**

We encourage them to explore their inner skills and gain hands-on experience through National and International collegiate design series competitions. This allows our students to design, build, and test real-world devices and vehicles, and develop practical skills to compete with students from around the world.

## **Internationally oriented and linked.**

Through our expanding reach and esteemed reputation, we present the chance to explore, educate and operate in diverse locations via our worldwide internships, job opportunities, and involvement in global competitions, conferences, and events.

## **International partnership**

Through our partnerships with prestigious institutions in the USA, Germany, Malaysia, Canada, and Singapore. We offer a variety of opportunities including internships, semester-long study abroad programs, joint research projects, and more, making NRCM a highly sought-after destination.

## **Co-created learning with empowered students**

Our approach to teaching and learning is unconventional. Instead of following a traditional model, we believe in co-created learning where students are treated as partners in their education. We empower our students to share their ideas and facilitate their creativity, enabling them to take ownership of their learning journey.

# Autonomous structure

NRCM was granted UGC Autonomous status in 2020 for 10 Years. This autonomy has enabled the institute to design a curriculum that meets industry requirements and provides greater academic discipline. As a result, the institute has achieved impressive outcomes comparable to those of the concurrent JNTUH system. This has encouraged and instilled confidence in the organization for its innovative and dynamic initiatives.

In pursuit of academic excellence and creating a student-friendly learning environment, NRCM has implemented the fully flexible Choice Based Credit System (CBCS). This system allows students to add or drop courses to suit their pace of learning, catering to the needs of both fast and slow learners. It not only builds a strong foundation of knowledge but also enhances the students' confidence, creativity, and innovation.

## Salient features

- An Autonomous Institution from 2020
- Campus includes 3 Academic Blocks and 2 Play Grounds
- High-end Computing and communication facilities
- State-of-the-Art Laboratories attached to each department
- Careers360 ranked AAA in category India's Best Engineering Colleges 2023
- Digital and Modern Library facilities
- Free Wi-Fi with high-speed Internet
- More than 300 seated Air-Conditioner Auditorium
- Personalized counselling and parental care are made possible by the mentor-mentee scheme
- Excellent 10 interview Panels & 5 GD Panels with AC facility
- Abundant options for credit-based courses from self-learning MOOCs
- MBA program with specialization in Finance, Marketing, Human Resource management and Entrepreneurship

## Supplementary Education

Students have the option to pursue Honours and Minors as additional specializations along with their regular B.Tech degree programme.



# Industry

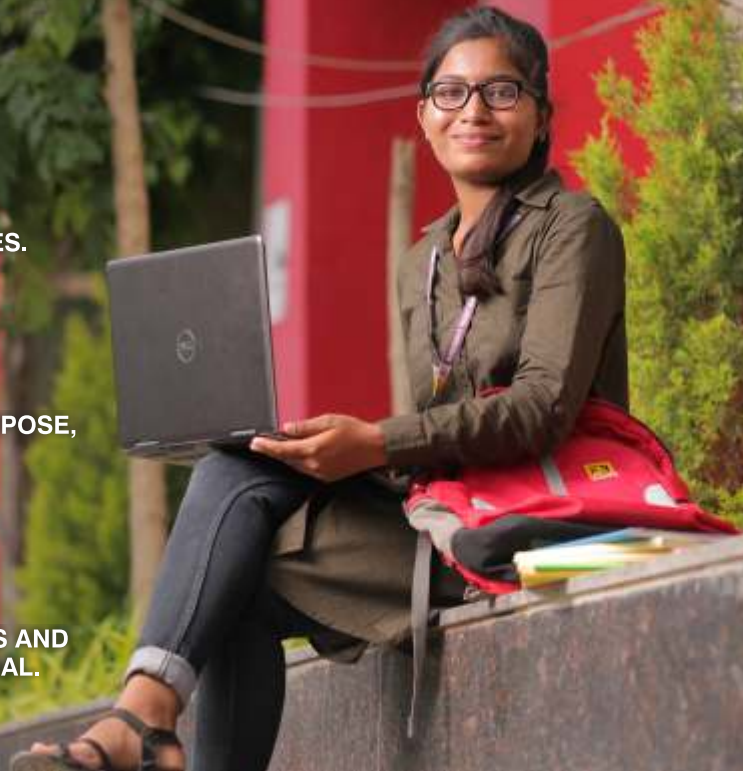
THE SECTOR OF THE ECONOMY  
CONCERNED WITH THE PRODUCTION OF SERVICES.

# Institution

AN ORGANIZATION THAT HAS A PARTICULAR PURPOSE,  
SUCH AS A UNIVERSITY

# Interaction

THE PROCESS OF COMMUNICATING WITH OTHERS AND  
WORKING TOGETHER TO ACHIEVE A COMMON GOAL.



## MoUs with Different Industries

### INDUSTRIAL VISIT

INDUSTRY SUPPORTED TEACHING  
LEARNING

### GUEST LECTURES

CAMPUS RECRUITMENT TRAINING

### FULL SEMESTER INTERNSHIP

INDUSTRY ORIENTED PROJECTS

SPECIAL COACHING FOR COMPETITIVE EXAMS

#### Academic Partners



#### Professional bodies



# **TRAINING & PLACEMENT**





# Professional Career & Employment

The Training & Placement Cell at NRCM aims to provide employment opportunities and top-notch training to students in reputed organizations. Pre-final year students of UG & PG programs are required to complete a semester-long internship and industrial visits to gain practical experience. The mandatory 24-credit course is evaluated by both the industry mentor and a faculty adviser. The college provides an extensive training program of approximately 100 hours during the vacation period after the pre-final year exams to prepare students for their final year recruitment process. The Training & Placement Cell organizes technical talks by Industry Experts, Hackthon, and encourages students to work on projects to solve real-time industrial problems. The office is led by a competent Training & Placement Officer, Dr. M. Shoban, who provides exceptional facilities for campus recruitment drives.

1000<sup>+</sup>

PLACEMENTS IN AY 2024-25  
FROM 50+ COMPNIES

Highest  
Package is

25 LPA

Average  
Package is

4.5 LPA



# LIBRARY



**31,845+**  
VOLUMES

**3,689**  
TITLES

**6,127**  
REFERENCE  
VOLUMES

**66**  
JOURNALS

**10432**  
MAGAZINES

**10432**  
CLASSIFICATION



## The educational hub

The NRCM has a central library with 31,845+ volumes of textbooks, reference books, and handbooks, as well as subscriptions to 66 National and International journals and various e-resources. The library is fully automated and offers reprographic facilities to students and teachers. It serves as a platform for research, innovation, and development, providing unlimited access to information and a peaceful environment for students to explore the world of books. The

library has Wi-Fi enabled, providing e-books, and e-journals for maximum use and ease. The Central Library includes dedicated sections for Digital Library, and a separate enclosure for research and reference. The library is also implementing an Android application for students to check their account status online.





# COMPUTER SCIENCE AND ENGINEERING

B.Tech in Computer Science and Engineering | Year of Inception 2007

The Department of Computer Science and Engineering (CSE) was established in the year 2007. The Intake was increased to 120 in the year 2008, and further increased to 180 in 2012. The B.Tech Program in CSE has been accredited twice by National Board of Accreditation (NBA), in 2017 and 2020.



## CAREERS

Prestigious companies like Capgemini, Accenture, Hexaware, HCL, TCS, Cognizant, EPAM, Atos Syntel, Wipro, Infosys, Virtusa, SONATA, DATA CORPS, NTT DATA, Mphasis, Mind Tree, Value Momentum, Global Edge, Tech Mahindra, Cyient, CDK Global, NCR, and Apps have recruited our students.

The curriculum of the program is designed to equip students with the knowledge and skills necessary to address complex problems in the rapidly evolving world of technology. One of the key focuses of the CSE department is computer programming. Students learn various programming languages such as C++, Java, Python, and more, along with concepts like object-oriented programming, data modelling, and software engineering principles. The CSE department often collaborates with other disciplines, such as mathematics, electrical engineering, and artificial intelligence, to explore emerging areas like machine learning, computer vision, robotics, and data science. These interdisciplinary programs help students gain a broader perspective and apply their skills to various domains, including healthcare, finance, cybersecurity, and more.

The CSE Department comprises of faculty who are not just very experienced academically but also has understanding about the latest industry advancements. Our knowledgeable faculty members are engaged in encouraging relevant educational and innovative research across the leading areas of computer science and engineering. The department with well-established labs is all equipped in preparing the students in Computer Science Engineering, an ever-evolving discipline, and its latest developments. We proudly announce that many of our alumni are leaders in academia, industry and government.

## SKILL DEVELOPMENT PROGRAMS

The department has Computer Science Technical Association (NRCM CSA), and professional bodies that often organizes co-curricular and extra-curricular activities for the all-round development of students.

- Hackathons and Coding Competitions
- Industry-Instituted Collaboration Programs
- Professional Development Workshops
- Ideathon
- Internship Programs
- Entrepreneur Skill Development Programs and many more..

**INDUSTRIAL CONNECTIONS:** We are greatly supported by reputed companies such as Capgemini, Infosys, Tech Mahindra, NTT DATA, Mphasis, Atos Syntel, NCR, HCL, and Apps, who provide state-of-the-art training to our students.

CSE (AI & ML)





# COMPUTER SCIENCE AND ENGINEERING (AI & ML)

B.Tech in Computer Science and Engineering (AI&ML) | Year of Inception 2020

Have you ever wondered how Netflix can predict your preferences, how health apps on your phone can anticipate your medical conditions, or how virtual assistants like Google, Siri, and Alexa can perform your daily tasks? And with the development of automated vehicles that can soon drive faster and safer, have you ever thought about how they work?



## CAREERS

The field offers Machine Learning Engineer, Data Scientist, AI Researcher, AI Ethicist, AI Product Manager, AI Consultant, Robotics Engineer, AI Architect etc.

Artificial Intelligence, a branch of computer science, aims to develop intelligent machines capable of performing tasks that typically require human intelligence. It is broadly categorized into four types: reactive machines, limited memory, theory of mind, and self-awareness. AI systems use labelled training data to analyse patterns and correlations, which can then be used to make predictions about future states. AI Technology focuses on three cognitive skills: learning, reasoning, and self-correction. The demand for AI & ML skills is growing and making AI jobs highly paid in the IT sector.

Periodical Technical guest lectures will be arranged to make the students to be in part with current IT trends. Student development programs will also be organised to train students on current industry requirements like AI, Machine Learning, Data Science, IOT, Python Programming, Cloud Computing, Android Development, Web Technologies etc.

- Reactive Machines
- Limited Memory
- Theory of Mind
- Self-Awareness

## SKILL DEVELOPMENT PROGRAMS

- To develop Bootcamps and Intensive Programs,
- AI and ML Certifications, Research Internships and Fellowships,
- Workshops and Conferences,
- AI and ML Hackathons,
- Industry-Specific Programs etc...

**INDUSTRIAL CONNECTIONS:** Companies such as Capgemini, Infosys, Tech Mahindra, NTT DATA, and others provide us with state-of-the-art training for our students.

CSE (CS)



# COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)

B.Tech in Computer Science and Engineering (Cyber Security) | Year of Inception 2020

With the increasing reliance on technology and the ever-evolving cyber threats, undergraduate programme in specialization with Cyber Security offers students a promising career path to become skilled professionals in safeguarding digital assets and ensuring the integrity and confidentiality of sensitive data in remote servers.



## CAREERS

Systems integration engineer, IT technician, Systems administrator, IT systems engineer, Security consultant, Security analyst, Information security analyst, Systems test engineer, IT security specialist, Security systems engineer, Software engineer

Cyber security is a discipline that covers how to defend devices and services from electronic attacks by nefarious hackers, spammers, and cybercriminals. While some components of cyber security are designed to strike first, most of today's professionals focus more on determining the best way to defend all assets from computers and smartphones to networks and databases from attacks.

Cyber security has been used as a catch-all term in the media to describe the process of protection against every form of cybercrime, from identity theft to International digital weapons. These labels are valid, but they fail to capture the true nature of cyber security for those without a computer science degree or experience in the digital industry.

## SKILL DEVELOPMENT PROGRAMS

- Networking and System Administration
- Knowledge of Operating Systems and Virtual Machines
- Network Security Control
- Coding
- Cloud Security
- Blockchain Security

**INDUSTRIAL CONNECTIONS:** We have strong support from leading companies such as Capgemini, Infosys, Tech Mahindra, NTT DATA, Mphasis, Atos Syntel, Global, NCR, HCL, and Apps Associated who provide our students with cutting-edge training.





# INFORMATION TECHNOLOGY

B.Tech - Information Technology | Year of Inception 2023

In today's interconnected world, businesses heavily rely on technology for their operations, making IT professionals vital for maintaining and improving technological infrastructures.

B Tech - IT graduates play a crucial role in developing innovative solutions, optimizing processes, ensuring data security, and enhancing overall efficiency.



## CAREERS

IT Systems/Business Analyst, IT Project Manager, Business and Systems Analyst, Business Data Analyst, Digital Marketing Analyst etc.

B Tech- Information Technology (IT) offers promising career prospects in today's digital age. With the rapid advancement of technology, the demand for IT professionals continues to grow across industries. This program equips students with a strong foundation in computer science, programming, database management, network administration, and software development. This comprehensive understanding of IT principles enables graduates to pursue various career paths such as software engineer, system analyst, IT consultant, Network analyst and many more.

The versatility of the degree allows individuals to explore diverse fields and adapt to evolving technologies. It opens up opportunities for individuals to work in diverse sectors such as finance, healthcare, e-commerce, telecommunications, government, and entertainment. The demand for IT professionals is expected to continue growing as organizations increasingly embrace digital solutions and integrate technology into their operations. Thus, pursuing a B Tech IT degree provides a strong foundation for a successful and rewarding career in the ever-expanding field of information technology.

## SKILL DEVELOPMENT PROGRAMS

- Practical Trainings on Core programming and Web Development
- Industrial Interaction / Internships
- Competitive Coding – Competitions
- Problem-solving and Analytical Thinking – Workshops
- Project Management Skills

**INDUSTRIAL CONNECTIONS:** We have strong support from leading companies such as Capgemini, Infosys, Tech Mahindra, NTT DATA, Mphasis, Atos Syntel, Global, NCR, HCL, and Apps Associated who provide our students with cutting-edge training.







# ELECTRONICS AND COMMUNICATION ENGINEERING

B. Tech in Electronics and Communication Engineering |Year of Inception 2007

Electronics and Communication Engineering (ECE) was started in 2007 for providing quality education and training in the field of Electronics and Communication Engineering, it is a rapidly advancing field, has a solid foundation of 16 years offering four-year degree programme. The Department has excellent infrastructural facilities.



## CAREERS

Our students have secured placements in top companies, including TCS, Capgemini, Accenture, Tech Mahindra, Deloitte, Mindtree, Cognizant, Adobe, Reliance, Google, Genpact, Virtusa, Mphasis, IBM, Honeywell, Intel, L&T Infotech, Wipro, Infosys, HCL, Amazon, DXC, Amdocs, Dell, Oracle, Microsoft, Sonata Software, NTT Data, Epam, Atos, Hexaware, BEL and others.

The ECE department maintains high standards and is goal-oriented, with dedicated faculty who are involved in research & development and delivering guest lectures. It has close ties with industries and prepares students in various disciplines such as VLSI, Embedded systems, IoT, and AI to meet industry demands and open up for placement opportunities. The department has partnered with National Instrument's NI Lab View Academy, promoting research and industry-driven projects. The B.Tech. program in ECE has been accredited by the National Board of Accreditation twice (in 2019 and 2022).

The department has received a grant of 20.22 Lakhs from Department of Science and Technology, Government of India to promote Innovation in Science and Technology.

## SKILL DEVELOPMENT PROGRAMS

- PCB design and fabrication
- Workshop in Industrial Application on Transmission Lines, Machine Learning with Python, Industrial Application on Digital Circuit Design, Higher Education Opportunities in India & Abroad, Modelling and Communication Systems using SIMULINK, Ethical Hacking.
- FDP on VLSI Digital Signal Processing, Cryptography Network Security, Advanced Communication Technologies and its Research Issues

**INDUSTRIAL CONNECTIONS:** ARM, Cadence, National Instruments, Texas Instruments, TSSDC, and TSITA.



# ELECTRICAL AND ELECTRONICS ENGINEERING

B.Tech in Electrical and Electronics Engineering | Year of Inception 2009

Established in the year 2009, the department offers B.Tech. program in Electrical and Electronics Engineering with an intake of 60. B.Tech. Program in EEE has been accredited by National Board of Accreditation (NBA) in 2019 and 2022. Our faculties possess core technical knowledge and professional skills required to tackle future challenges.



## CAREERS

Our students have secured placements at top-notch companies like General Electronics, NTPC, Power Grid, IOCL, Capgemini, Wipro, Cognizant, Infosys, Mphasis, Tech Mahindra, TCS (Tata Consultancy Services), Amara Raja, Tata Motors, Tata Technologies, and several others.

All labs in the department are equipped with state-of-the-art tools and advanced technologies. These labs include Electrical Circuits, Electrical Machines, Control Systems, Electrical Measurements and Instrumentation, Power Electronics and Power Electronics & Drives, Power System, Electrical Simulation, Basic Electrical and Electronics Engineering, Electrical Networks and Electrical & Electronics Design. MATLAB, PSCAD, and Lab VIEW are some of the latest software packages utilized for modelling and analysis in these laboratories.

The department association is established to upskill the student's community to meet the industrial promptness by conducting workshops, guest lectures, project expos, symposium, conferences, industrial visits, internships and skill development programs. The department signed MoUs with various reputed Industries and consultancies.

## SKILL DEVELOPMENT PROGRAMS

- PLC & SCADA – Training
- MATLAB / SIMULINK – Training
- PSCAD – Hands-on Tool for Analysing Power System

**INDUSTRIAL CONNECTIONS:** Recently, several industries such as Regen Powertech, Siemens-Gamesa, Prime Made Electrical, DRDL, Toshiba Transmission and Distribution Systems, Schneider Electric, BHEL, Amara Raja, DELTA, MTE Industries, TSGENCO, Thermal Power Tech Corporation Pvt Limited, and Tech Mahindra have provided us with cutting-edge equipment to facilitate hands-on training for our students.



MECH



# MECHANICAL ENGINEERING

B.Tech in Mechanical Engineering | Year of Inception 2009

The Department of Mechanical Engineering was started in the year 2009 to impart quality education and skills to address industrial and societal needs. The B.Tech program in Mechanical Engineering has been accredited twice by the National Board of Accreditation in 2019 and 2022.



The strength of the department lies in its highly qualified and expert faculty besides its excellent non-teaching staff. It undertakes a powerful multi-step teaching process that threads together the latest expertise and the talents of the students and weaves out the finest mechanical engineers.

The undergraduate course aims at providing the fecund brains with rudimentary knowledge. Instructions are imparted in the areas of energy conversion, refrigeration, design of mechanical components and systems, production engineering, management techniques, computer programming, numerical analysis and Computer Aided Design and Manufacturing (CAD/CAM). Design and fabrication projects are also undertaken as part of the curriculum. The students can work on cutting-edge software packages such as ANSYS, SOLID WORKS and CATIA etc.

## SKILL DEVELOPMENT PROGRAMS

- CNC Part Programming & Machining
- CATIA – Product Design
- Vehicle Maintenance

## CAREERS

Our students have secured placements in renowned companies such as TCS, Rane Engine Valves, TVS Brakes India Ltd, and Hyundai.

**INDUSTRIAL CONNECTIONS:** Reputed companies like DRDL, HMT, CYIENT, Automotive Robotics, Envirotech, Hyderabad Dies and Moulds, and MTE Industries provided advanced equipment for hands-on training of our students. Our students also secured placements in ISUZU, Rane Engine Values, TVS Brakes India Ltd, as well as government jobs in Railways, DRDO, ISRO, and others.



CIVIL





# CIVIL ENGINEERING

B.Tech in Civil Engineering | Year of Inception 2013 | Intake -60

Established in the year 2013, The Department has excellent infrastructural facilities, Civil Engineers are responsible for building the infrastructure that includes railways, highways, bridges, water-works, skyscrapers, canals, wharves, industrial buildings, rapid transit systems, power plants, and more The B.Tech, Program in Civil Engineering has been accredited by the National Board of Accreditation twice (in 2019 and 2022)



## CAREERS

Our students have secured placements in prestigious National and International companies, such as L&T, NCC LTD., GVR INFRA PROJECTS, ULTRATECH, RELIANCE CONSTRUCTION, KPC CONSTRUCTION, EECI GATE, Madhucon Pvt. Ltd., and MEIL. Additionally, our students are also been placed in both Central and State Government jobs in various departments including Irrigation Department, R&B Department, Panchayet Raj, Revenue Department, Army-Border Construction etc.

They are involved in the design, construction, maintenance, and repair of structures. The demand for civil engineers is high, as new players enter the market and large-scale developments are announced globally. Civil engineers play a crucial role in improving the living standards of society by serving as Structural Engineers, Transportation Engineers, Water Resource and Environmental Engineers, Hydrologists, Geologists, and Geotechnical Experts.

The department of Civil Engineering places a great emphasis on practical exposure and connecting theoretical knowledge with real-world applications. Students gain hands-on experience through laboratory sessions covering a range of domains such as Strength of Materials, Fluid Mechanics and Hydraulic Machinery, Surveying, Geotechnical Engineering, Environmental Engineering, Engineering Geology, Concrete Technology, and Highway Materials. The department is dedicated to advanced research in Civil Engineering and actively promotes industrial interaction and technology development.

## SKILL DEVELOPMENT PROGRAMS

- STAAD.Pro – Structural Analysis & Design
- Auto CAD 3D – Drafting and Design of Building
- Rivet Architecture – Planning & Tracking of Building Life Cycles
- Total Station – Training in Modern Surveying and Building Construction

**INDUSTRIAL CONNECTIONS:** Our department has established close relationship with thriving civil engineering Industries, both Nationally and Internationally, including ULTRA TECH, ASSISTIVE CAD, LADDER SURVERYING INSTITUTE, AMIL, and ARAVIND ENGINEERING. These organizations have recently supported us by providing state-of-the-art equipment for hands-on training of our students. Additionally, we maintain good relations with government sectors such as Irrigation, Municipality, and NHAI. Our department involves students in public and private sectors undertaken projects to provide practical exposure.

MBA



# MASTER OF BUSINESS ADMINISTRATION

PG in Master of Business Administration | Year of Inception 2009 | Intake -60



The MBA Department was established in 2009 with an initial intake of 60 students, aiming to provide management education at par with International Standards set by leading Management Institutions. The department strives to produce imaginative, dynamic, and innovative global managers with advanced knowledge of global business and high ethical standards. The faculty members of the MBA department are highly qualified and experienced. The library is well-stocked with a wide range of reference books authored by Internationally acclaimed management professionals.

## SKILL DEVELOPMENT PROGRAMS

- Group Discussions
- Paper Presentations
- Seminars
- Debates
- Business Quizzes
- Case Study Analysis
- Role Play
- Mock Interviews
- Just-A-Minute
- Internal and External Management Meets
- Industrial Visits

## CAREERS

Various companies such as AXIS Bank, Paytm, ICICI, Deloitte and Zomato have offered placements to our students.

**INDUSTRIAL CONNECTIONS:** The MBA department offers specialization like Finance, Marketing, Human Resource Management and Entrepreneurship. This move is aimed to meet the demands of the competitive business environment.



# TRANSPORTATION

NRCM has a fleet of buses that are available for the transportation of students and staff members. These buses cover most parts of twin cities and arrive at the college by 9:15 am and depart in the evening at 4:30 pm. A nominal fee is collected from students for the bus fare.





## Comfortable Accommodations

The College provides hostel within the campus and is an integral part of the college. The hostel aims to provide convenient and comfortable stay for the outstation girl students. It also fulfills the vital objective of ensuring safety of its female residents. The hostel has sports facilities, a canteen, and a kitchen with steam cooking. The hostel has separate mess where Healthy and Hygiene food is served. Hostel Residents are provided with free Wi-Fi facility. Internet is available around the clock.



# SPORTS & GAMES

Sports at NRCM are coached by trained professionals, with athletics, volleyball, basketball, football, Kabaddi, hockey, cricket, and more. The college sports teams compete at the district, zonal, State level and National level, earning recognition for themselves and for the institution. The college has well-maintained fields and courts for these activities.

## OUT DOOR GAMES:

Basket Ball, Volley Ball, Tennis, Kho-Kho, Cricket, Kabaddi and many more exciting games.

## INDOOR GAMES:

Table Tennis, Caroms, Chess, Badminton Courts







## Meal times

The NRCM cafeteria provides a comfortable space for students, staff, and faculty to enjoy delicious food. The spacious seating area caters to everyone's needs, and there is a separate hall for staff dining. The cafeteria offers a variety of healthy food items with affordable prices and a coupon system for ordering. The canteen in-charge checks with quality of food, cleanliness and hygiene regularly and we at NRCM consider it as a high priority.



# OUTSTANDING FACILITIES

## T HUB

T-Hub leads India's pioneering innovation ecosystem that powers next-generation products and new business models. NRCM is a part T-Hub since 2021.

## TASK

NRCM is a recognized Institution of TASK. It is a non-profit organization created by Government of Telangana for bringing synergy among institutions of Government, Industry & Academia with an objective of offering quality human resources and services to the industry from its inception.

## ROBOTICS & MECHATRONICS LAB

This centre consists of state-of-the-art research facilities in the area such a Multi degree freedom Robots, Medical & Surgical Robots, Prosthetics, Aerial Surveillance Systems, Intelligent Visual Surveillance, Aeronautics and Avionics.

## EDC

Student's innovative ideas are motivated to develop into products by applying the various funding schemes and financial assistance by the institute with mentoring of research & development cell and Entrepreneurship Development Cell (EDC).

## MSME

Micro, Small and Medium Enterprises (MSME) sector has emerged as a highly vibrant and dynamic sector of the Indian economy over the last five decades. MSMEs not only play crucial role in providing large employment opportunities at comparatively lower capital cost than large industries but also help in industrialization of rural & backward areas, thereby, reducing regional imbalances, assuring more equitable distribution of national income and wealth. MSMEs are complementary to large industries as ancillary units and this sector contributes enormously to the socio-economic development of the country. NRCM is recognized by MSME as host Institution for MSME Idea

## IIC

MoE's Innovation Cell (MIC) has envisioned encouraging creation of "Institution's Innovation Council (IICs)" across selected HEIs. A network of these IICs will be established to promote innovation in the Institution through multitudinous modes leading to an innovation promotion eco-system in the campuses. As per the guidelines of Ministry of Education, NRCM established Institutions Innovation Council (IIC) in the year 2018 with a vision of nurturing the culture of Innovation and Entrepreneurship among the students and faculty. The primary focus of IIC is to normalize the resources and create additional infrastructure for Product Development, commercialization and venture development.



# Fests @ NRCM





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