Boy's Hostel

Academic Block

CERT Group of Institutions, Meerut

Estd. 1999

AN ISO 9001 : 2008 Certified Institute

Develop your knowledge towards career CERTainty

College of Engineering & Rural Technology
Approved by AICTE, New Delhi and affiliated to UPTU, Lucknow

UPTU Code-070   BTE Code-530

B.Tech.
Computer Science & Engineering
Electronics & Comm. Engineering | Information Technology
Mechanical Engineering | Civil Engineering

M.Tech.
Machine Design & Robotics (ME)
Computer Science & Engineering (CSE)

MBA
Human Resource | Finance | Marketing
Information Technology | International Business

Polytechnic
Electronics Engineering
Mechanical Engineering (Production) | Civil Engineering

CERT College of Education, Meerut
Approved by NCTE, Jaipur &
affiliated by SCERT, Lucknow

BTC

Way to Bijnor

Way to Garh

Bus Stand

Way to Hapur

To Haridwar

Meerut City Rly Station

Haridwar-Delhi By Pass

CERT

By Pass

Baghpat Chowk

Delhi (50 kms)
Ghaziabad (35 kms)

Estd. 1999

CERT Group of Institutions
Approved by AICTE, New Delhi & Affiliated to UPTU, Lucknow
Partapur Bye-Pass Road (Delhi-Haridwar Highway) Meerut - 250103 (U.P.)
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www.cert.ac.in

Toll Free No 1800 212 0221

OUR VISION

To provide knowledge, skills and values by focusing on quality teaching and the learning process for our students. To develop creative technical leaders who can carry out the global transformation.

OUR MISSION

CERT college aims to be a world-class global institute, dedicated to creation, application, dissemination of knowledge, skills, spirit of competitive excellence, building up a generation of global citizens and value driven professionals for the corporate world.

OUR OBJECTIVES

- Generating new learning techniques.
- Improving teaching process.
- Expanding the information technology capacity.
- Strengthening the industry interactive network.
- Facilitating professional practitioners in searching out their potential.
- Inculcating team spirit among the learners.

Why CERT

Top most college in UP Highly qualified & Experienced faculty High Placements in Reputed Organizations Six In-house companies Lush Green campus with ultra modern amenities such as Wi-fi, fully furnished classrooms, auditoriums, labs & many more Career oriented course in addition to the basic curriculum Specialized & Unique R&D labs such as RF, CNC etc Focus on practical teaching along with theory classes Highly graded teaching learning practices Excellent Result Technical Training, personality & communication development programme Regular interaction with various industrialists and individuals from the corporate world Guest lectures from General Managers of the companies Parental treatment for the students Extra classes for free of cost Gate coaching in college at free of cost Availability of Mineral water Air conditioned study rooms in the hostel ISO Certified Institution 16 years of Academic Excellence TCS certified Computer Labs Examination Center for various Central and State Government Examination

01

MESSAGE FROM CHAIRMAN

The CERT Group of institutions was established in 1999 under the aegis of the Chitragupt Social Welfare & Educational Society Society has been contributing tremendously to meet the indispensable need of the most competent technocrats, scientists, managers and engineers in the present era of global industrialization. The institute aims at grooming budding young professionals by equipping them with required knowledge and talent for their all round development .

The college with its magnificent infrastructure labs, library, computers, faculty and staff is triumphantly running B.Tech courses in EC, CS, IT, Civil, ME and also Master of Business Administration (MBA) . The Institute has M.Tech in Machine Design and Robotics(ME) , Computer Science and Engg. (CSE) and Polytechnic in ME, EC, CE.

Besides studies, the students are exposed to a strenuous , year round series of various personalty development exercise to develop and expand their managerial and professional competency to pursue the desired goals in order to develop their potential as future entrepreneurs. Faculty members represent blend of high credentials and substantial experience to enrich the process of learning . The institute has the best placement record through its well knit Training& Placement cell . Our students are working in national and international companies and organizations.

With the passage of time , CERT will reach the pinnacle of glory by producing highly talented world class dynamic engineers and professionals to overcome the turbulent milieu of mind- boggling, tempestuous times possessing sterling values of life such as honesty, truth, perseverance, persistence, commitment and self abnegation. They will thereby ignite their latent spake of creativity with a perfect blend of professional expertise and human values to meet the corporate needs of society where social justice and equality would reign supreme.

It is anticipated that CERT will strive to establish its exuberance particularly in the field of academics and placements by retaining the kernel ingredients and dominance of Aryan culture, civilization and its heritage to be more useful and more profitable to Indian society and produce ideal citizens for our country in future. I am sure that the entrants in different streams at CERT will find professional talent in abudance to be able to face the competitive world with poise of confidence, converting their dreams into reality.

With best wishes

"Take the goal of education as advancement of knowledge and the dissemination of truth**"**

Dr. Rajendra Yadav
LL.D.
Chairman

MESSAGE FROM VICE -CHAIRMAN

I welcome you all in this temple of higher learning. Congratulation for deciding to join CERT Group of Institutions, Meerut. Your confidence in this college will be boosted and I am sure that at the end you will not repent for your decision. Everybody dreams. I suggest keep your dreams alive.

Understand to achieve anything, you require faith, believe in yourselves vision, hard work, determination and dedication. Remember, all things are possible for those who believe. Your work is to discover your world and then with all your heart give unto yourself to it.

Be a self starter. Let your first hour set the theme of success and positive action that is certain to echo through your entire day. Today will never happen again. Don't waste it with a false start or no start at all. I like to remind you that you are the architect of your destiny, you are the builder of your own life. Every thought, emotion, wish and action creates Karma. You can change your karma and you will change the conditions in which you live. You can change your karma buy adopting new pattern of thinking and hence your destiny. Only those having firm conviction and iron violation, can attain strength and energy and at no stage of karma, you should never hesitate to take a step forward. For, this your require time, you cannot buy, rent or hire more time. The supply of time is inelastic. No matter how high the demand, the supply will go up. There is not price for it. Time is totally perishable and cannot be stored. Yesterday's time is gone forever. There is no substitute for time, Everything requires time.The work takes place in and uses up time, yet we take for granted this unique, irreplaceable but necessary resource, we must use this resource, i.e. "time judicially to change 'karma' to our advantage".

With courage you will dare to take risk, have the strength to be compassionate and the wisdom to be humble. Courage is the foundation of integrity. One should take up the challenge, steer it and come out a winner. Sometimes when I feel dejected. I tell myself.

- If you feel depressed, sing
- If you feel ill, double your labour
- If you feel uncertain, raise your voice
- If you feel poverty, think of wealth to come
- If you feel sad, laugh
- If you feel fear, plunge ahead.
- If you feel interior, wear neat garments
- If you feel insignificant, remember your goals

On behalf of the CERT Group of Institutions family, faculty and on my own behalf, I wish you all the success in your life. Let us all work together to achieve the dreams. Tomorrow holds on fear for you, since you found today.

"Success is achieved only with Sincerity, Intelligence, Diligence, Awareness, Honesty, Patience, Faith and Humanity.**"**

Mrs. Kangna Yadav
M.B.A Ph.d (P)
Vice-Chairman

MESSAGE FROM DIRECTOR

We are extremely happy to welcome you to CERT Group of Institutions. CERT started in 1999 with an objective to provide quality education and excellence in ever changing field of technical education. We are strengthening our roots to reach under privileged youth of our society. We foster our mission, to provide higher learning to them and produce a skilled technocrat. We are giving shape to their unspoken and unheard dreams at our premier educational institution.

At CERT, we endeavor to provide our students the necessary training by using latest innovative methodologies in personality development programs, career building skills, and industry linked courses, in addition to a rich blend of academics, co-curricular and extra curricular activities that helps in formulating the psychological profile of a student thereby leading him/her to a successful career.

We have set up a unique institution having strong corporate bonds in the country. Here, faculty uses latest teaching and learning techniques with emphasis on serving the corporate needs. The institute strives to provide a dynamic learning environment, induces competitive spirit and develops leadership qualities catering to the need of the modern industry in the fast changing technological scenario. Along with this, we develop the ethical concerns among our young minds to understand and work for the upliftment of our society and thereby Our Nation.

I hope young engineers passing from the Institute will create difference in Indian and Global scenario. I expect my students to be sincere, responsible and committed to their work. They should have "never give up attitude and unquenchable thirst of knowledge". I wish to all the students in their endeavors.

I, on behalf of faculty members and management of CERT group of Institutions, welcome the new entrants and assure them that they will find the environment of CERT group campus very competitive, encouraging and satisfying.

❝ Let education take its own path in your life from darkness to light ❞

Dr. Sandeep Kamboj
Ph.D(Mech), J.M.I, MBA.
Director

MESSAGE FROM CHIEF ADVISOR

Technical/professional education is becoming very costly year by year. It is thus a very sincere duty of the students to be quite serious, disciplined and sincere themselves. It was curiosity in the mind of Issac Newton that by seeing the falling apple, he became interested and later discovered the Law of Gravity. It was creativity in the mind of James Watt that he could think of making an application of steam power. A Steam Locomotive Engine was the result of the same.

A point worth nothing is that the above stated two great persons did not have very high degree of education and not very advanced laboratories of work at that time, but they had high degree of attention and awareness. The present day students need to learn from the life of such great persons. Now, it all depends upon the students to get maximum benefits out of the system.

Prof. (Dr.) R.C. Yadav
B.E.(Hons), M.Tech(IIT-D), Ph.D (U.K)
MISME, MISTF, MBN(U.K), F.I.E(India)
Chief Advisor

MESSAGE FROM HEAD OF TRAINING & PLACEMENT CELL

We at CERT, Meerut feel extremely privileged to have been able to provide manpower resources to drive the country's growth engine. The placements at CERT, Meerut hold an impressive recruitment record since its inception in 1999. CERT students are well placed and are found across industries around the country. Training and Placement Cell at CERT is the name that connotes eminence and approbation. It is the backbone of the institute. It handles campus placement of the student of all the departments.

Our mission is to help students elucidate their educational and career goals as well as acquire employment seeking skills and ultimately attain desired employment. CERT has a well laid-out and systematic process of dovetailing our student's career aspirations with carport's expectations. Our Aim is to achieve 100% placements. The Placements for both final year students and Summer Internships is an integral part of any institute's annual calendar of activities

Dr. Pushpandra Panwar
Ph.D. (Management)
UGC NET
MBA (Finance, Systems, HRM)

ABOUT THE INSTITUTE

CERT College of Engineering and Rural Technology, one of the leading institute of higher education in India, stands for top notch undergraduate and PG programmes in Meerut, Uttar Pradesh .

We offer a spectrum of degree programmes in domains like engineering , computer application and management . The course curriculum is so designed that various programmes become a perfect blend of academics and professional excellence . Academic infrastructure and congenial academic always substantiate it.

The integrated structure generate a spirited atmosphere where participants from wide range of industries can interact . The college has a flexible system always striving towards the betterment of its students in order to achieve superiority in education .

CERT is making intensive efforts in variety of ways for improvement and broadening of its basic facility system, education environment and faculty members as it is committed to leveraging the system to world class standards . Our goal is to provide academic and professional resources to prepare students to function as prominent and responsible members of an international community.

COURSES OFFERED

COURSES	DEPARTMENTS	DURATION	INTAKE
B. Tech	Computer Science & Engineering	4 years	60
	Electronics & Communication Engg.	4 years	120
	Information Technology	4 years	60
	Mechanical Engineering	4 years	120
	Civil Engineering	4 years	60
M. Tech	Machine design and robotics (ME)	2 years	18
	Computer science & engineering (CSE)	2 years	18
MBA	Human resource	2 years	
	Finance	2 years	
	Marketing	2 years	60
	Information technology	2 years	
	International business	2 years	
Polytechnic	Electronics Engineering	3 years	60
	Mechanical Engineering (Production)	3 years	120
	Civil Engineering	3 years	60
BTC		2 years	50

CAMPUS

The campus has been aesthetically planned and designed in a sprawling, pollution free area with lush green landscaped lawns surrounded by exotic trees and flowering plants. The campus is majestic, about 20 acres: an airy, well illuminated and cheerful area with several academic blocks, housing the lecture rooms, laboratories, Library, conference halls etc. A seprate admistrative block is provided, so as not to disturb academic activities and yet, yielding efficient back-up administrative services to the inmates and visitors. The comfortable well-furnished hostels are there, with their own lawns, games and common rooms, reading rooms, T.V. rooms etc. The institute runs a common mess under the supervision and guidance of the institute to provide hygienic and nourishing food to students. The campus is also provided with 24 hours electricity back-up and water supply, high speed internet facility. Wi-Fi is available 24x7.

ELIGIBILITY FOR ADMISSION

- For Admission in M. Tech in Computer Science and Mechanical Engineering, a student must be B. Tech/ BE/ Bsc with 60% marks.
- For Admission in MBA, graduate in any discipline including B. Tech with minimum 50% marks.
- For Admission in B.tech 1st year, 10+2 clearly passed (without grace) with 50% (45% for SC/ST) in PCM or valid rank in UPSEE 2016 with 45% (40% for SC/ST) in PCM.
- For Diploma holders and B.Sc (PCM) with 50% marks are eligible for Admission in B. Tech 2nd year
  a. Admissioms are made by UPSEE through Entrance Exam.
  b. 5% relaxation of marks for SC/ST in all courses.

FEE

- Tution fee as per Govt. order. • Security fee & other charges as per norms of the college.

DEPARTMENT OF
COMPUTER SCIENCE ENGINEERING & INFORMATION TECHNOLOGY

Prof. Manoj Rana (HOD)
M.Tech

Careers

Job opportunities are available for CS/IT students in Government as well as Private sector. Students may take up the following job posts-

- Software Engineer • Software Tester
- Project Manager • Application Developer

There are several opportunities in the Government after doing B.tech from computer science branch.

Indian Railway provides a vast scope for graduates from computer science engineering. Some of them are Technical Assistant, Computer Operator and Engineer.

- BSNL telecom network. • Indian Space Research Organization)
- Banking Sector • Airport Authority of India.Scientific field.
- Steel Authority of India (SAIL)Technology analyst.
- Technical officer in Industries. software developer etc some other jobs.

Our college provides placements in various MNCs companies like IBM, Infosys, Wipro, HCL, TCS, Sony, DELL, Panasonic, Honda, Samsung, TATA, HP, LG. Many of our students are placed in India and abroad also.

COMPUTER LABORATORY

The Computer Science Engineering department has 5 laboratories. The Computer Department has well-equipped computer labs with state-of-the -art servers, Pentium-IV PC's mostly with the latest configuration. There exist a complete range of software, all desktop in the campus are interconnected through LAN and internet using a bandwidth of 10 Mbps, high power UPS. The computing facilities are made available 24x7, Wi-fi connectivity and it has been provided to the entire campus. The laboratories are supported by well-qualified staff. The department has about 500 computers. LCD projectors are available for classroom presentations. In addition, laptops have been provided to all the departments for easier accessing and retrieving of any information.

Computers have brought a revolution in the process of research, development and discovery in all fields of engineering, development and discovery in all fields of engineering and science. New technologies, such as multi core processors, mobile computing and cloud computing are reshaping the landscape of computing and new challenges are emerging as Computer Science. This is highly technical and demanding field won't appeal to everyone. But those with a genuine interest in computers and the possibilities they present for business, science, communication and the world at large, just might find that a computer science. degree is right up their alley. The average salary package after completing B.tech from Computer Science is 3.5~4.5 Lakh INR per annum.

ACADEMICS
UNDERGRADUATE

The B.tech in CSE/IT provides graduates with the skills and knowledge to take on appropriate professional positions upon graduation and grow into leadership positions or persue graduate studies and research in the field. The program design is such that the graduate develops a practical understanding of the technology.

POSTGRADUATE

The postgraduate program prepares students that they get the time to think where things are going and how you can control them. They add a value to education and will definitely have benefit in the long run. As we are moving ahead in life our educational qualifications are becoming more and more important. They will get more insight into the subjects as this time all are mature enough to understand the subjects.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION

Prof. Ajay Yadav (HOD)
M.Tech, Ph.D. (P)

Electronics and Communication Engineering (ECE) is a swiftly advancing field, with new ideas emerging every other seconds. Graduate engineers in this discipline will be equipped to design and fabricate, install, operate and maintain complex electronic circuits, equipments and systems. The course also covers designing security in communications, besides all the software and hardware required in the communication domain. The Mission of the ECE Department is to facilitate young Engineers to acquire technical exposure in the areas of Electronics and Communication Engineering. To prepare them for competitive examinations in higher education and employment with intellectual professional attitude , research aptitude, critical reasoning, analytical and technical skills ,technical consultancy. To develop ability to apply knowledge, life-long learning, entrepreneurial practices, ethical values and social concern. To impart professional education endowed with human values to the younger generation so as to transform them to be competent and committed engineers capable of providing solutions to the global challenges in deploying technology for the service of humanity. The average salary package after completing B.tech from Electronics and Communication is 3.5~4.5 Lakh INR per annum.

ACADEMICS
UNDERGRADUATE

Students pursuing B.Tech. in ECE have a full and flexible undergraduate curriculum. Numerous streams can be tailored to fit every individual's interests, skills and career goals. Students can prepare for technological careers in industry, academia or management.

ELECTRONICS AND COMMUNICATION LAB

The department of Electronics & Communication has well-equipped and fully furnished laboratories to supplement the theory courses. Laboratories like VLSI design, Microwave engineering, optical fiber, communication engineering, Microprocessor lab, Electronics CAD Lab, Circuit simulation and Digital Signal Processing . The department has state-of-the-art, Network Analysis & Synthesis Lab, Electronics Workshop & PCB Design, Logic Design Lab, Electronic Device Lab, Electronic Circuits Lab, Digital Electronics Lab, Electronics Measurement Lab, Integrated Circuits Lab, Control System Lab, Communication Lab, Microprocessors Lab, Antenna and Microwave Lab, Communication Lab – II, CAD of Electronics Lab, Microwave & Fiber optic Lab, Electronics circuit design Lab, Electrical Lab,

Networks and System Lab, Automatic Control System Lab and basic Electrical Engineering Lab. The facilities in the laboratory include required kits for all experiments, CRO's, function generators, various AC and DC machines, control panels and various other testing and measuring instruments which are being regularly updated as per university norms, rules and regulations from time to time.

CAREERS

The student could build their career by virtue of knowledge in all leadership, technical and management positions in various industries. Students have been placed in various companies like Infosys, TCS, Wipro, Cognizant Technologies, Tata, Keane. Many of our students are working in these companies.

DEPARTMENT OF
CIVIL ENGINEERING

Civil engineering is the oldest engineering discipline after military engineering. The demand of civil engineers has increased due to tremendous growth in the infrastructure sector in India and Abroad. The department of civil engineering strives to create outstanding engineers. Advanced teaching techniques and learning aids are provided for undergraduate students. Engineers are employed by a wide range of companies in the United States, from small start up businesses focused on a new invention idea to large-scale companies that work on immense contracts. Engineers from different fields constantly work together to create successful products.

CIVIL ENGINEERING LABORATORY

The civil Department has 9 laboratories. The department has the requisite labs with machines and equipment. The Laboratory is used by civil engineering students to perform water quality and environmental studies to determine parameters needed in the design of treatment and remediation systems for drinking water, domestic and industrial wastewater, storm water runoff, and contaminated soil and groundwater. The equipment are used in the laboratories are Batch, Complete Mix, and Plug Flow Reactors for unit operation. Controlled Stirring Apparatus for jar tests, Hach Spectrophotometer, Auto Claver for sterilization, Platform Shaker to extract contaminants from solid media.

Prof. Peeyush Saxena (HOD)

ACADEMICS
UNDERGRADUATE

The objective of B.Tech program in Civil Engineering is to give students a broad exposure in the design, construction and maintenance of the physical and naturally built environment including works like roads, bridges, canals, dams and buildings. They are also responsible for looking after the fire control systems and installing quick fire exit points in the buildings they design. This will help in minimizing the loss of life during fire accidents.

CAREERS

The department of Civil Engineering prepares the students for the placement in various good companies like Simplex Infrastructures, TATA projects, L&T, Sobha developers, Mahindra, AFCONS, SOMA,. Some of our students are working in these companies. The demand of civil engineers has increased due to tremendous growth in the infrastructure sector in India and abroad.

DEPARTMENT OF
MECHANICAL ENGINEERING

Mechanical engineering is one of the oldest branch of engineering. It also referred to as the "mother" branch of engineering. Another appealing feature of Mechanical Engineering is that the application base of this field of study is extremely broad and diverse. The Mechanical Engineering department is dedicated to provide high quality and relevant engineering education to all students as per university specifications and industrial requirements. Mechanical engineers require a solid understanding of key concepts including mechanics, kinematics, thermodynamics, energy and manufacturing. They use these principles in the design and analysis of automobiles, aircraft, heating and cooling system. The average salary package after completing B.Tech from Mechanical is 4.5~5.2 Lakh INR per annum.

Dr. N.D. Sharma
Prof. & Ex Director

Prof. D.P. Singh (HOD)
M.Tech

MECHANICAL ENGINEERING LABS

The Mechanical Department has 10 laboratories. The department is well-equipped with a separate workshop with an area of 1800 sq. meters. Fluid Mechanics Lab, Material Science and Testing Lab(destructive as well as Non-Destructive Testing), CAD Lab, Machine Design Lab, Kinematics of Machine Lab, Heat and Mass Transfer Lab, Modern RAC Lab and Automobile Lab to meet the graduation requirements of the B.tech Program as well as the latest development in the global industrial world. Apart from the state-of-the-art laboratories , cut section/working models of different types of boilers, steam engines, turbines, petrol and diesel engines, refrigerators, air conditioners etc. Models are also displayed in the laboratories to give a good concept of their three dimensional views and working principles as per industrial requirements.

ACADEMICS
UNDERGRADUATE

The B.Tech in Mechanical Engineering provides Designing and implementing economical equipment modifications to improve safety and reliability. Creating project specifications with team mates, Developing, designing, testing etc, Project management, Monitoring and commissioning plant and systems.

POSTGRADUATE

The Masters in Mechanical Engineering offers the opportunity to develop the knowledge and skills needed for modern engineering. This program prepares scholars to become leaders in knowledge driven professions by providing an enabling learning environment focused on collaborative and interdisciplinary research.

CAREERS

It has a tremendous scope in automobile engineering, cement industry, steel, power sector, Hydraulics, Manufacturing plants, Drilling and mining Industry, Petroleum, Aeronautical, Biotechnology and many more. With its wide scope of application, mechanical engineers remain always in demand, no matter which part of the world. You can also find job very easily in the following public sector industries such as Indian Railways, Indian Air force (Technical), Indian Army, Thermal power corporations etc...

DEPARTMENT OF MANAGEMENT STUDIES

Prof. Rinkey Sharma (HOD)

ACADEMICS
POSTGRADUATE

The Master of Business Administration (MBA) is an internationally-recognized degree designed to develop the skills required for careers in business and management. The value of the MBA, however, is not limited strictly to the business world. An MBA can also be useful for those pursuing a managerial career in the public sector, government, private industry, and other areas. The specializations is exposed to include Human resource management, financial management, management principles, business communication, banking, entrepreneurial development, business and company law and insurance.

CAREERS

The department prepares students to pursue leadership, technical and management positions in a rapidly growing industry. Our students are placed in prestigious companies like Birla Sun life Insurance, HSBC, Reliance Infocom, TATA AIG Life, OM logistic Ltd etc. The MBA graduates in Finance and Marketing have a choice to join aviation administration and the cargo management.

The Department was introduced with a vision to create and equipped prospective managers with leadership skills, lateral thinking and critical evaluation abilities that with ethical thinking go to successful entrepreneurs and corporate heads of tomorrows.

The department serves as a spotlight on management education which is more than just leadership with a profound understanding of business. The course aims at providing knowledge and skills in different areas of management but also provides inputs necessary for the overall development of the personality of the students. MBA offered specializations in functional areas where the students can opt for two specializations out of the four offered: Marketing, Finance, IT, HR and IB from the beginning of the course. The average salary package after completing MBA is 4.5~7 Lakh INR per annum. Department has well qualified and experienced faculty members who contribute with their expertise in developing the department. The department is having well-equipped modern, upgraded computer labs equipped with up-to-date software's such as SPSS 20, LINGO, LINDA, TORA, Tally ERP9, Bussy and many more.

DEPARTMENT OF APPLIED SCIENCE

Dr. Jitendra Kr. Rana (HOD)

Applied science is the application of scientific knowledge to a physical environment and testing a theoretical model through the use of formal science or solving a practical problem. Field of engineering are clearly related to applied science. Applied science is important for the technology development.

The department of Applied Sciences is continuing from the date of its inception with a mission of imparting teaching and promoting implementation of practical aspects of Applied Sciences and Humanities to build a solid foundation as part of the Engineering Education.

Globalization is creating a rapid increasing demand for engineers who have the ability to deal effectively with professionals from different regions of the world.

The Department has highly qualified and experienced faculty who have vast knowledge bank. Students are encouraged to represent the college at different level in various activities such as Paper presentations, Workshops, Seminars etc.

To provide quality technical education, besides taking care of the syllabus, the Department emphasizes on:

- Regular courses on personality development.
- Seminars to improve communication skills
- Ample scope for co-curricular and extra-curricular activities.
- Need based and value added special training program in the campus
- Programmes for enhancing teaching skills of faculty

CHEMISTRY LAB

The Chemistry Lab is well equipped with the latest instruments and laboratory grade chemicals required for various experiments as per the university syllabus. The laboratory has sufficient ventilation and air-circulation arrangements to remove hazardous fumes generated during various chemical reactions. Highly qualified and experienced faculty members are committed to trained the students with basic knowledge of the subject, also for research and development to meet the industrial requirements.

PHYSICS LAB

The Physics lab is equipped with the latest scientific, accurate and precise instruments, which engineers need. The laboratory is divided into two parts. One of them is for experiments of different laws and postulates of Physics, while the other is a dark room for specialized and advanced experiments. Highly motivated faculty members and laboratory staff always encourage and help the students to practically understand the various laws of Physics and Nature.

PROFESSIONAL AND COMMUNICATION LAB

The task of the laboratory is to attain proficiency and a command of written and spoken English which is the root of professional communication around the world. Numerous audio-visual aids, software and literature are available to enhance proficiency in the English language to develop students communication skills, which help them develop their personality to meet the challenging requirements of future managers globally.

POLYTECHNIC
COLLEGE OF ENGINEERING & RURAL TECHNOLOGY

Polytechnic course is a Boom for students who want to join jobs quickly after 10th standard. In this resource an account of the utility of these courses for students who want to enter into job career after completing 10th class. This is the account of the various specializations in these courses as well as the scope of career after completing polytechnic course. A 'polytechnic' has traditionally been an institution that offers education in many arts and sciences at the diploma level. Since most of them offer education to improve the practical and technical skills of the students, they have a clear vocational orientation. In India, polytechnics are set up and run by the State governments or are private institutions with varying degrees of government aid, offering diploma and certificate courses that can be done after Class 10. We are offering polytechnic in three branches i.e. Civil Engineering, Electronics Engineering & Mechanical Engineering production.

Prof. Davendra Yadav
M.Tech
Principal

THREE YEAR DIPLOMA IN MECHANICAL ENGINEERING (PRODUCTION) :

DURATION: 3 years full time   Seats: 120

Mechanical engineering is one of the most challenging career now a days due to demand and possession on vehicle mechanical engineering has many opportunitites in India as well as Abroad. Developed mechanical systems for all equipment used by human being concerned with the principles of force energy and motion. Recently due to the fast growth of the industriesof production in country. The demand of the expert professionals has also has been increased considerably.

THREE YEARS DIPLOMA IN ELECTRONICS ENGINEERING

DURATION: 3 years full time   Seats: 60

Electronics Engineering basically deals with principles and performance of Electronic devices. Electronics Engineering is a swiftly advancing field, with new ideas emerging every other seconds. Graduate engineers in this discipline will be equipped to design and fabricate, install, operate and maintain complex electronic circuits, equipments and systems. The course also covers designing security in communications, besides all the software and hardware required in the communication domain.

CERT COLLEGE OF EDUCATION, MEERUT

(Approved by NICTE, Jaipur Affiliated by SCERT, Lucknow)

It is an academic course that helps one in becoming a teacher. Teaching is said to be an part, which can be gained by a series of activities. This course includes procedures and policies that are designed to train people, who aspire to be teachers, with required knowledge, teaching skills as well as attitudes and behavior, which they need for the successful performance of their basic tasks. Highly qualified and experienced faculties train and assist the students on effectively playing their role as a teacher within the classroom, school or in much wider community.

It is not an easy job being a teacher. This is a profession full of great responsibilities and challenges. One has to receive years of training and experience to become a teacher. The conduct of the teacher can motivate or demoralize the students. He plays a hugely influential role in the lives of young kids. Because of the accountabilities associated with this job, one must be adequately trained for the job. Teacher's training programs have been created for that very purpose.

Dr. Sweta Yadav
Principal

THREE YEAR DIPLOMA IN CIVIL ENGNEERING

DURATION: 3 years full time   Seats: 60

Civil engineering is a professional engineering discipline that deals with the design, construction and maintenance of the physical and naturally built environment, including works like roads,bridges,Canals, dams and building. The diploma in Civil Engineering is a technical degree below the undergraduate rank which aim to provide student with some basic knowledge of Civil Engineering, scientific, computing, mathematical technique, a sound knowledge of english to communicate in the job field and ability to apply the basic problem solving technique.

INFRASTRUCTURE
LIBRARY

Shri Rohit Kaushik
M.Sc., M.Lib
Chief Librarian & Media Coordinator

Books are the way to endless ocean of knowledge. A well managed library is the heart of an academic institute. The CERT library System consists of a Central Library and its five departmental libraries which collectively support the teaching, research and extension programmes of the Institute. All students, faculty members and employees of the Institute are entitled to make use of the Library facilities by taking Library membership. The Library of CERT is 21st century knowledge center to facilitate the transition of today's engineering society into a knowledge base society of tomorrow. The knowledge generated by the faculty and students of CERT has been digitized and made accessible through Intranet and Internet.

- One of the richest library having more than 50,000 books with 9,000 Title discipline's with Engineering, Management, Humanities of Foreign and Indian writers.

- Many national and International journals in hard copy educational general CD's.

- Along with the automation of Library services, The institute has become a Member of University, IIT, MHRD through NPTEL & other major library networks through the connectivity of DELNET Library facility.

- The Library is issuing books to students for a certain time period, after which they can be reissued.

- Book bank facility is also provided.

- The library remains open from 9:30 a.m to 10:00 p.m.

- Library provides free wireless interne access to students.

- The Library also provides appropriately equipped and configured computers for library users.

EXCELLENT FACULTY AND CLASSROOMS

CERT provides a professional, competent and expert faculty to inculcate a questioning bent of mind and curiosity in the students. Our faculty members with rich academics as well as industrial experience are facilitators for the student's future and members for their lives. The Institute has a modern infrastructure and technological support to facilitate teaching, learning and personality development of its students. The Institute provides well furnished lecture halls giving the future managers and technocrats a focused arena to develop their personalities. Latest audio-visual aids and multimedia technology enable the faculty to have interactive sessions of teaching which proliferate confidence and enthusiasm among the students.

STUDENT WELFARE CELL

It takes charge of any government policies through various agencies for welfare of students such as scholarship, cash or in kind, various award schemes beneficial to them.

PAPER PRESENTATION

Technical paper presentation is a regular activity which facilitates the students develop a technical bent of mind towards research and development.

SUMMER TRAINING

All the students undergo summer training at the end of fourth and sixth semester. To ensure that the students take industrial training seriously, they are required to prepare reports and give presentation at the end of training. This report and presentation is checked and graded by faculty.

EXTRA CO-CURRICULAR ACTIVITIES FOR THE STUDENTS

Extracurricular activities are just as important as academics. Extracurricular activities and work experience allow you to get hands-on experience in the field you will be working in, make connections with different people, improve your social skills, and it can really show someone your valuable work ethic. When you're involved in extracurricular activities, not only do you get that experience, you get the chance to meet different people through the process. We understand that there is definitely a need for one to go through a process, which will not only enlighten and inform the student but will also be a journey of discovery of one's own interests. We focus on making our students acquire multiple skills and cross functionality rather than specializations because we know that today organizations are not made up of different departments each of them having a focused task and a limited role ; instead today they are made up of teams. To help them become leaders, students are involved in different activities.

2nd Convocation Ceremony 2K15

Fashion Show by Mafif 2015

HOSTEL FACILITY

The Management is committed to provide a pleasant high-spirited environment to the students, where they can develop team-spirit, co-ordination and can move one step ahead of the latest requirements of civilization. CERT Hostel is provided with a pleasant and pollution free environment, so that the students can feel and enhance their creative skills and can concentrate upon their studies in a better way. Hostel and Mess staff is always there to help the students and serve hygienic and nourishing food at meal times. Separate hostels for boys and girls in the campus with all modern furniture's & fixtures.

- RO drinking water
- 24 hours back-up
- Attach washrooms in the rooms
- Medical facilities
- Wi-Fi in the hostel
- Pleasant study halls
- Large and fully furnished Mess, separate for boys and girls, for healthy hygienic meals.
- Round the clock security
- The members of the resident faculty are assigned as wardens to take care of the hostel students
- Indoor and Outdoor facilities for hostlers

ALUMNI@ CERT

- Alumni's helps the institute to develop & grow in a number of ways. A tree can stand tall only when its root be deep beneath , the Alumni serves as the root and helps an institute span its branches to spread knowledge in the society at large.
- To promote and foster mutually beneficial interaction between the Alumni and the present students.
- To encourage the Alumni to take an active and abiding interest in the work and progress of the Institute so as to contribute towards enhancement of the social utility.
- To organize and establish scholarship funds to help the needy and deserving students.
- To undertake to organise activities of a civic or charitable nature as also to increase public awareness of the role of technology in value addition in the economic and social development of the nation.
- To invest and deal with the funds and moneys of the Association.

Company Name	Alumni Name	Company Name	Alumni Name
Nokia	Mahesh Singh	Micromax	Gaurav Singh
Reliance Geo	Shekhar Saxena	Huawei Telecommunication	Surendu Kumar
Nokia Seimens	Surendra Yadav	Bhagwati Product pvt ltd.	Mahesh Chand pal
Nokia Seimens	Tushar Sharma	Indian Telecommunication	Durga Prasad Jaiswal
Ericsson	Vipin Sharma	Jakson Engineers ltd	Rajesh Kumar Singh
Infosys	Thakur Dixit	Airnet Infotech Pvt ltd	Shivam Tiwari
Solar Energy center	Ramayan Singh	Athlon Solutions	Yogeshwar Singh
Solar Energy center	Kamlesh yadav	Meril Diagnostics Pvt Ltd	Abhishek Sharma
Anchor	Rajesh mishra	Samsung	Gypsa Aggarwal
Lect. In Governmentpolytechnic	Prachi	PNP Developer	Sugriv Singh
State Bank of Bikaner & Jaipur	Suraj singh	KEXXSIGHT Technology	Devashish Sharma
Metaoption Software Pvt. Ltd.	Atul kumar	Wipro	Lawrence
IBM	Preeti tiwari	Unyscape Infocom PVT Ltd.	Gaurav Sharma
Accenture	Poonam tiwari	SIEL Noida	Shubham Maheshwari
S.B.I. Bank	Raunak Sharma	Gauri Component	Puneet kumar
Reliance Geo	Sant dayal yadav	Reliance Refinery	Rohit kumar
Reliance Geo	Ram Krishna singh	Diamond Auto Industries Ltd	Sachin kumar
Canara Bank	Pawan kumar gupta	Sun Beam Auto PVT ltd	Sumit singh
Bharti Airtel	Utsav Ranjan srivastav	Sun Beam auto pvt ltd	Vikas kumar Tiwari
Vodafone	Manikant Srivastav	Sivan India Pvt ltd	Shashibhushan yadav
Instant system pvt ltd	Pooja gupta	Accenture	Deepika Sharma
PNB	Nishant Kumar	IBM	Shashank yadav
TNS pvt ltd	Gaurav Kumar	Jindal Steel	Prem Chnad Yadav
Micromax	Nitin kumar	L & T workshop	Rajneesh mishra
Micromax	Raj Kumar	Birla Group	Manish Tyagi

ALUMNI 2K16

TRAINING AND PLACEMENT CELL

CERT believes that every student is a valuable resource. The placement cell concentrates on each student for his/her right career prospects and assist him/her in achieving the same. The students are placed through the campus recruitment programs. The training and placement cell is committed to fulfill the dreams of all those who graduate from CERT. In the span of more than a decade since its inspection, CERT has established itself as an institution per excellence, dedicated students with a strong scientific, technical and humanistic foundation and encourage them to develop creativity in defining problems and seeking solutions. What distinguishes CERT from other institutes is the unserving commitment towards producing professionals of outstanding quality. To transform students into professionals and technocrats who will stand tall amongst the crowd, an effective T & P Department has been established.

- 50+ companies for placement drives in 2015-16.
- Incubation centre.
- Internal training to B. Tech students on .Net, J2EE, VLSI, Android, Embedded Systems, Telecom, Robotics Lab, CAD, CAM, CATIA, CNC by MSME industries etc.
- Industrial visits of M. Tech, B. Tech & MBA students at HCL, Infosys, Wipro, Sony, Samsung etc.
- Pre placement workshop prior to each placement drive.

- Seminars/ Expert Lectures/ Alumni Talk Series by eminent speakers on career oriented topics.
- Special classes to develop the personality, GD, PI and Aptitude skills of the students.
- The Placement Cell also takes an initiative for developing right attitudes, soft skills.
- Motivating our students to have strong technical as well as analytical capabilities, and exposing them to the tricks of economic and financial aspects related to their professional career.
- All the leading business firms and companies will be invited to the campus for pre-placement written test & personal interviews.

IN-HOUSE COMPANIES

CERT is also having its In-House companies. Students are placed in these companies also. After completing the final year of Engineering, students starts working in these companies. Many of the students of our college are working here on good packages. CERT is having 6 In-House companies:

- Yadu Sugar Limited, Budaun, Uttar Pradesh
- Indian Sucrose Limited, Mukeriya, Punjab
- Kosmos India Limited, Dhuri, Punjab
- Bagaha Sugar mill, West Champaran, Bihar
- Neoli Sugar mill, Kasganj, Uttar Pradesh
- Rangar Breweries Limited, Una, Himachal Pradesh

CAFETERIA & CANTEEN

The Institute has a Modern Canteen Cafeteria to cater a variety of delicious finger licking and hygienic food/snacks with Nescafe & Cream Bell Counter. The Cafeteria is kept open for 16 hours a day. It has wide range of eatables including Tea, Coffee, Samosas, Burger, Chowmein, Dosa etc. and some essential stationary items too.

The students may refresh themselves by coming here. It is especially useful for the hostellers as it is opened for the whole night during the examination period.

TRANSPORTATION

CERT provides conveyance/bus facility to students and faculty coming from various parts of the city. The college bus also runs from Anand Vihar, Delhi up to the College & vice-versa. The Institute provides transport facility to concerned persons on a no profit, no loss basis. The Institute Transport Committee supervises the management for transport activities.

SPORTS

Sports and General activities are an essential part of any Institute. They provide the basis of building up team spirit and inculcate a feeling of sportsmanship in the individuals. Sports and games are also essential to build a healthy body, which only can bouse a healthy mind.

The Institute as well as the hostel have several playgrounds and sports material inventory for overall and healthy development of student's personality. Management encourages both outdoor and indoor games with the support of playgrounds for cricket, football, badminton, hockey, lawn-tennis etc. For indoor games table-tennis, chess, carom-boards etc. are also provided. The Institute also organizes sports and athletics meets from time to time.

GYMNASIUM

CERT has a Gymnasium with ample facilities for the development of the health of students. Modern gym cum fitness center with all exercise equipments and machines. Fitness Instructor is also appointed to guide the students.

MEDICAL FACILITY

First aid and elementary medical facilities are available in the hostel through qualified doctors free of cost in our hospitals. In case of emergency, student is taken to the nearest medical practitioner/ hospital for which a van is available on campus 24 hours and the local guardian is duly informed.

The local guardian will take charge of the ward thereafter and all medical expenses will have to be borne by him. The entire responsibility of the treatment will rest with the patient/local guardian/student concerned.

GUEST HOUSE

Well furnished separate guest house for faculties, professors and visitors with a capacity of rooms.

WORSHIP PLACE

A Yagshala is situated in college campus for worship and peace of mind.

BANKING

Fully functional Canara Bank ATM machine inside the college campus.

SHOPPING ARCADE

For books, Stationary, STD/PCO, Photocopies, Fruit juice and Dispensary.

ACTIVITIES IN THE INSTITUTE

PERSONALITY DEVELOPMENT AND CAREER DEVELOPMENT CELL

This cell aims to provide a platform to share their ideas on common portal. They get a professional guidance and monitoring from faculty members and industry experts. The guidance includes ideas on career advancement and personality development. The sessions of PDP are conducted in our college with an aim to improve their communication skills, soft skills and interpersonal skills. These classes also aim to prepare students to face the honchos of the big sector.

APTITUDE TESTS

Students are given hands on practice for Online Tests which consists of aptitude, verbal ability, technical questions, reasoning, etc. It helps them prepare for all competitive exams.

RESEARCH & DEVELOPMENT CELL

Research and Development cell works independently, as well as in collaboration with departments to support faculty & students to research & develop various projects. This has resulted in a lot of award winning projects.

ENTREPRENEURSHIP DEVELOPMENT CELL

The prosperity of a nation and society is measured by its industrialization and economic progress. Technology and globalization are ushering an era of unprecedented change. The College gives great emphasis to foster growth of promoting innovation and entrepreneurship. There is an immediate need and pressure for change and innovation. Keeping pace with emerging technology of today's world.

SEMINARS AND CONFERENCES

To bridge the gap between academia and industry, CERT frequently organizes National and International Seminars and conferences on issues of vital importance. Experts from academia and industry are called upon to share their experience with the students.

ANTI-RAGGING CELL

This cell works with a vigilant proctorial board to provide students a ragging free campus.

WOMEN GRIEVANCE CELL

This cell helps the female fraternity of the institute, be it a faculty or a student to strengthen them in society. It gives them a platform to solve their problems, small or big, with senior members of the cell.

CAREER GUIDANCE SERVICES

Students are given regular guidance through organized lectures by guest speakers, Students are given an insight into various career options available to them after engineering including counseling for higher studies.
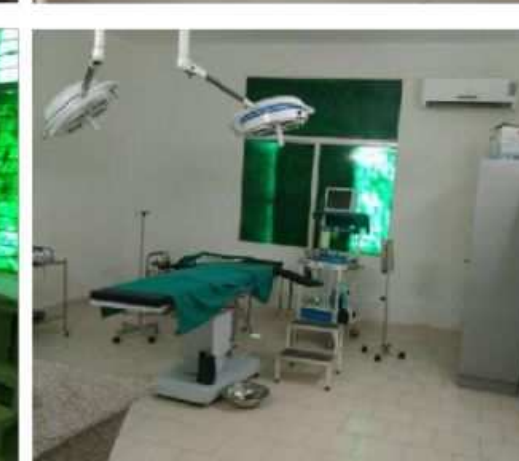
INDUSTRIAL VISITS

To give an exposure to real life situation of industry, visits are organized for students and faculty to various industries.

SHREE RAM HOSPITAL, MEERUT
CERT CAMPUS BYE-PASS ROAD PARTAPUR, MEERUT

HOSPITAL FACILITIES
100 BED HOSPITAL, MULTI SPECIALITY OPD, ICU, ORTHOPAEDIC, SURGERY, TRAUMA CENTER, PANCHAKARMA, GENERAL SURGERY, PHYSIOTHERAPY, X-RAY, ECG
24 X 7 HOURS EMERGENCY AMBULANCE SERVICE
UPCOMING COURSES :- B.A.M.S, G.N.M AND L.L.B

Code of conduct & Institute's Rules & Regulations

In CERT, the code of Conduct has been developed as it serves as a guideline for forming attitudes and directing conduct. Students ought to follow the following rules & regulations of the college for implementation of proper discipline & decorum :

1. An elegant and professional appearance helps to develop self confidence and promotes an environment of decency and integrity. Wednesday is the day of informal dress. Other days of the week, the students must wear proper uniforms.

2. Use of substances such as tobacco, alcohol, drugs etc. is contrary to the dignity of the human beings and as such they will not be brought into use within the campus.

3. Regularity in attendance and punctuality are signs of one's commitment to studies, hence, students have to abide by the rules of UPTU, Lucknow, regarding the attendance criteria. They must have at least 75% attendance, failing which they will be detained from appearing in the exams.

4. Care and respect for common facilities and utilities is an essential component of social responsibility. In view of this, any willful damage to college property must by made good by the defaulting students.

5. Safety of individuals is an important issue in the context of engineering and industry in workshops and laboratories. While the college makes every effort to provide a safely and secure environment for work, the responsibility for individual safely lies with each student. The college will not be held accountable for any accident.

6. ALWAYS CARRY THE INSTITUTE's IDENTITY CARD : A fine of at least Rs. 100/- will be imposed for non-possession of I-card in the Institute which can be checked at any time. Students will not be allowed to enter in the campus without an I-Card in the Institute which can be checked at any time. Students will not be allowed to enter in the campus without an I-Card.

7. CERT stands committed to provide the students excellent education and integral information. The Institute welcomes parents, enquiries of their world's progress in academics as well as attendance in the class.

8. Every student will have to sign a declaration, starting that he/she would faithfully abide by the college and Hostel rules and directives.

9. Ragging, torturing and harassing in any form is strictly BANNED. Strict disciplinary action including expulsion from the Institute will be taken in any case of offenders. The directions of the Hon'ble Supreme Court in SLP No. 24295 of 2006 dated 16-05-2007 and Civil Appeal number 887 of 2009 dated 08-05-2009 will be strictly followed.

10. The students are expected to be honest in examinations and assignments. Malpractice of any kind of rules is dealt with as per APJAKTU rules.

11. All fee dues etc. should be deposited in due time. Negligence will attract fines.

Use of Mobile Phone : Strictly Prohibited

Use of Mobile phones in class rooms except in lunch time is strictly prohibited otherwise disciplinary action will be taken which may include imposition of heavy fine as well.

Following area acts of Indiscipline

- Misbehavior with faculty, staff and fellow students, particularly girl students.
- Consuming alcoholic drinks, intoxicating substance. Chewing Pan or Gutkha etc. or smoking inside the Institute or even in the Hostel.
- Deliberately destroying Institute's property.
- Bunking classes, practicals, tutorials and class tests/sessionals.
- Disobedience of order issued by the Institute from time to time. Acts of indiscipline will attract fine & expulsion from the Institute.
- If any students is found involved in any such activity or breach of code of conduct he/she will be punished & punishment may be even including expulsion from the Institute & heavy fine.

Anti Ragging Cell/Ragging Free Campus

Ragging is a heinous crime & punishable by Law. The Supreme Court has prohibited and banned ragging in any form. The Institute has a proctorial board and Dean to stop and check ragging. Ragging is an offence under the Indian Penal Code, which defines ragging as. Causing including, compelling or forcing a student, whether by way of practical joke or otherwise, to do any act which detracts from human dignity or violates his/her person or exposes him/her to ridicule from doing any lawful act, by intimidating, wrongfully restraining, wrongfully confining or injuring him or by using criminal force on him/her or by holding out to him/her any threat of intimidation, wrongful confinement, injury or the use of criminal force. "Offenders will be subjected to heavy fine & legal action".