SETGOI
DURGAPUR

PROSPECTUS 2025

SANAKA EDUCATIONAL TRUST'S GROUP OF INSTITUTIONS

MALANDIGHI, DURGAPUR
A UNIT OF SANAKA EDUCATIONAL TRUST

APPROVED BY

- AICTE
- PCI
- COA

AFFILIATED TO

- MAKAUT, WB

ACCREDITED BY

- NBA (CE,ME,CSE)

B.TECH | B.PHARM | B.ARCH

sanakaeducationaltrust@gmail.com

www.setgoi.ac.in

ABOUT SANAKA EDUCATIONAL TRUST'S GROUP OF INSTITUTIONS (SETGOI)

As a unit of Sanaka Educational Trust founded in the year 2006, the umbrella institution SETGOI (formerly known as Institute of Engineering & Industrial Technology) was founded in 2008 housed in a lush green campus encompassing 34 acres of land located in the centre of Durgapur, the Ruhr of India.

During the last one and half decade, SETGOI emerged as the first AICTE approved integrated campus in West Bengal offering programmes in multiple disciplines including Engineering, Architecture, and Pharmacy. While Engineering programmes were offered right from 2008 as approved by AICTE, Rani Rashmoni School of Architecture (RRSA) was set up in 2011 as one of the first private Architecture colleges in West Bengal with due approval of AICTE and Council of Architecture (CoA), New Delhi. Pharmacy programme approved by AICTE and Pharmacy Council of India (PCI) commenced from the year 2019.

With over 2000 students on campus, SETGOI has a distinct focus on catering to the dynamic needs of the society and industry through innovative approaches towards grooming the future workforce of the country. The Institution vouches for industry-focused programs, rigorous scientific ventures, and multidisciplinary creativities to expand the boundaries of education, research and innovations with the support and guidance of its esteemed faculty.

MISSION

IM1. To imbibe the outcome-based education system for continuous development of professional, social and ethical skills.
IM2. To engage in research and innovation pertaining to the environmental concerns and societal needs.
Im3. To forge collaborations with industries, academia of repute, research centres, and professional bodies to stay relevant and contemporary.

VISION

To emerge as a centre of higher learning fostering a mutually beneficial relationship between professional competency and human values.

L E A D E R S H I P

MR. TAPAN KR. POBI

THE FOUNDER PRESIDENT, SET

With an aim to touch our students' hearts while hand holding them to become successful in their careers, SETGOI thrives to break the glass ceilings of education. Our progressive thoughts and adopted skills are amalgamated to offer value based and activity-oriented education to our students. We have already expounded our vision, mission, and sincere efforts to constitute an intellectual hub for students wherein they will find a well-kept academic infrastructure.

SRI SHIBA PRASAD DUTTA

CHAIRMAN, SETGOI

Welcome to SETGOI!
Enjoy the journey toward a great future. Since your present shapes your future, we tend to sharpen your present capabilities so that you can emerge as a successful engineer or entrepreneur in the future. Present day institutions must produce technically adept and bright graduates to be able to cope with the fast-changing world. To achieve holistic development of the students and education system is our utmost priority.

PROF. (DR.) SAIKAT CHATERJEE

DIRECTOR, SETGOI

"The key to new and good ideas come from having a multidisciplinary range of interests".
The integrated campus of SETGOI offering programmes in multiple disciplines echoes the same idea while facilitating cross-disciplinary learning among the faculty and students. Welcome to a campus away from the hurly-burly of city life but bustling with a diverse range of campus activities. The legacy of our learned faculty, outperforming graduates, and the thriving alumni will continue to inspire every new member joining the family.

PROF. (DR.) ARKENDU CHATTERJEE

PRINCIPAL, SCHOOL OF PHARMACY, SETGOI

Pharmacy is one of the noblest professions in the healthcare sector, and we aim to provide education in the field of Pharmacy while currently offering the Bachelor of Pharmacy (B. Pharm.) programme approved by the Pharmacy Council of India. The fact is that the entire pharmaceutical arena in India is in a very remarkable position. Our goal is to produce well-groomed skilled professionals who would add value not only to the pharmaceutical industry but to the pharmacy profession as a whole.

The Institution aims to provide technology-equipped classrooms, rich collections of books in the library, and well-equipped labs for practical skill building. Further highly qualified, experienced, and skilled faculty pool would guide the students transforming them from an amateur to a skilled professional. We aim to create an environment where the students, the faculty members, and the staff would jointly grow and learn, and face challenges together. I am in belief that the Institution will be successful in achieving its objectives by generating genius, talented, and globally competent pharmacists and would achieve the status of a "Centre of Excellence in Pharmaceutical Education".

PROF. (DR.) INDRANI DHAR

PRINCIPAL, RANI RASHMONI SCHOOL OF ARCHITECTURE(RRSA), SETGOI
(ARCHITECT & TOWN PLANNER) (SECRETARY OF ITPI-WBRC, ASSOCIATE MEMBER OF IIA, ITPI)

"The mother art is architecture. Without an architecture of our own we have no soul of our own civilization." – Frank Lloyd Wright

Architecture, the art or science of building specifically: the art or practice of designing and building structures and especially habitable ones...

DR. SNIGDHADIP GHOSH

REGISTRAR, SETGOI

"One of the most powerful tools to empower individuals and communities is making certain that any individual who wants to receive a quality education can do so." With these objectives, Sanaka Educational Trust's Group of Institutions is striving hard to provide one of the best 'Edu-Tech' supports to all students by means of implementation of Outcome Based Education System with specific inputs from industry experts, interdisciplinary research of global importance, highly qualified faculty, and active industry-academia interactions supportive infrastructure for holistic development leading to secured career.

WHY SETGOI?

1. 17+ years of service in the area of Higher Education.
2. Integrated campus offerings enable cross-disciplinary interactions among the students.
3. Proven record of placements and internships with placement support extended beyond the year of graduation
4. Campus location combines a serene study environment with easy access to industries and organizations of eminence.
5. Unique programme for Capacity Building of the students.

CAMPUS VIBES







B.TECH

- 4 YEARS FULL TIME COURSE
- APPROVED BY AICTE
- AFFILIATED TO MAKAUT

CIVIL ENGINEERING

ELECTRICAL ENGINEERING

MECHANICAL ENGINEERING

COMPUTER SCIENCE AND ENGINEERING

COMPUTER SCIENCE AND ENGINEERING - ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

COMPUTER SCIENCE AND ENGINEERING - DATA SCIENCE

ELECTRONICS AND COMMUNICATIONS ENGINEERING

ELECTRICAL AND ELECTRONICS ENGINEERING

NBA NATIONAL BOARD OF ACCREDITATION
CE | CSE | ME
Academic Year 2024-25 to 2026-27

CIVIL ENGINEERING

INTRODUCTION TO THE UNDERGRADUATE PROGRAMME

B. Tech in Civil Engineering programme of SETGOI is designed with an endeavour to create globally competitive and employable engineers. The programme offers the students a conducive and rewarding environment by contributing to seminars, live projects and case studies to pursue the ideas, cultivate the spirit of curiosity and sustain passion for excellence. The perfect blend of IndustryAcademia environment develops students with practical hands-on sessions offering a dynamic teaching program for creating vibrant and successful community of professionals who can develop both concept and skill essential for drawing, design, analysis, construction and maintenance of various kinds of Civil Engineering projects; teaching, research for academia. Dedicated faculty of the programmes tries to disseminate amongst the students the latest developments in Structural Design, Precast & Pre-stressed Building Construction, Roadway Design, AI Technology in Traffic Engineering, Hydro-dynamic Projects, Advanced Surveying, CAD, STAAD Pro,

WHO IS THE PROGRAMME FOR?

The programme is designed for those who are interested to make a career in-

MAJOR CAREER OPPORTUNITIES	HIGHER EDUCATION OPPORTUNITIES	ALTERNATIVE CAREER OPTIONS
• Construction sector • Project Planning & Management • Design Sector • Consultancy • Software design sector • Software based design sector • Academia • Research Field • Power plant sector • IT sector	• In India, M.E. / M. Tech programmes from all IITs, NITs and other major universities • M.S/PhD programmes are offered by many prestigious global universities in all specializations of Civil Engineering (Structural Engg/ Geotechnical Engg/ Water Resource Engg/Transportation Engg/Environmental Engg/Building Technology and Construction Management/ Any inter-disciplinary domain).	• Management consulting • Finance, economics and banking • Business analysis • Project management • Technical sales, marketing and communications • Intellectual property management • Government and policy • Entrepreneurship

L A B O R A T O R I E S

LIST OF SOFTWARE : **AutoCAD 2022 | Stad Pro V8i | MatLab 2014**

Civil Engineering Laboratory: Civil Engineering Laboratory is very important for gaining knowledge regarding building and road construction; strength of materials; field surveying; bearing capacity of soil; characteristics of various types soil particles; measurement of fluid flow; various types of rock minerals; and water quality measurement.

Concrete Technology Laboratory: The concrete technology lab is very important for Civil Engineering Constructions. The tests are conducted to determine the properties in terms of strength, fatigue, durability, workability of cement concrete and for preparing concrete mix design. The major equipments in this laboratory are: Compressive Testing Machine (CTM), Compacting Factor Testing Machine, Slump Test Apparatus, Vee Bee Apparatus, Vicat Apparatus, Concrete Compacting Vibration equipment etc.

Solid Mechanics Laboratory: In this laboratory experiments perform with applying various types of loads to various materials under different conditions for finding out the strength of materials. The major equipments in this laboratory are: Universal Testing Machine (UTM), Torsion Testing Machine, Hardness Testing Equipment (Brinnel and Rockwell), Impact Testing Testing Machine (Izod and Charpy), etc.

Soil Mechanics Laboratory: Soil Mechanics Laboratory has an important role in the design, construction, maintenance of engineering structure. Soil properties and characteristics; natural moisture content; specific gravity of cohesion-less and cohesive soils; density of soil by Core Cutter method and Sand Replacement method; Liquid Limit; Compaction characteristics of soil by Standard Proctor Compaction Test (SPCT) are studied in this Laboratory

Transportation Engineering Laboratory: The laboratory provides experiments setup for finding out the characteristics of Fine and Coarse Aggregates; properties of Bitumen by Softening Point Test, Flash Point Fire Point Test, Ductility Tests and Marshall Stability Test; which are very important for pavement construction

LIST OF SOFTWARE : **AutoCAD 2022 | Stad Pro V8i | MatLab 2014**

Fluid Mechanics Laboratory: In this laboratory, the behaviour of fluid studies with application of various forces and at different conditions. The major equipment of this laboratory are: Orifice-meter, Venturimeter, Centrifugal Pump, Reciprocating Pump, Wheel Turbine etc.

Surveying & Geomatics Laboratory: The objective of surveying laboratory is to make student familiar to draw map and cross sectional drawing with suitable scale by using different surveying instruments like Total Station (TS), Theodolite, Auto Level, Global Positioning System (GPS).

Engineering Geology Laboratory: The application of this laboratory to Civil Engineering is to study about the geological factors regarding the location, design, construction, operation and maintenance of the engineering works. Polarised Microscope is very important apparatus in this laboratory.

Environmental Engineering Laboratory: Environmental engineering laboratory is concerned with the natural resource management, use of water, environmental pollution and human health. An environmental engineer is responsible for improving the quality of environment, public health and develops solutions to minimize the degradation of natural resources. Important apparatus are: Turbidity meter, pH meter etc.

Water Resource Engineering Laboratory:
Water resources engineers fulfil a wide variety of roles in designing and managing WaterBased Systems. These roles include designing major water distribution systems that transport water to water users and collection systems that convey waste and storm water, managing surface and ground water resources, metering and quantifying flows in rivers and streams, modelling and designing major water resources projects. Major equipments are: Raingauge, Pan Evaporometer etc.

ELECTRICAL ENGINEERING

INTRODUCTION TO THE UNDERGRADUATE PROGRAMME

The Electrical Engineering (EE) is one of the most vital Programs of SETGOI. The vision of the EE Program is to create talented and socially responsible engineers. The mission of this department is to impart high-quality education, superior training and advanced research exposure to groom its students for present job market. To achieve this, EE program undergoes many additional departmental level programs like case studies, innovative mini-projects, covering subject gaps, student's seminars, group discussions and Technical quizzes. The seminars / webinars are organized where students can discuss with an industrial or research experts about the practical implementation and current issues of their subject topics. The major subjects of EE program covers ever challenging needs of technical excellence in all areas of electrical engineering such as Electric Circuits, Control Systems, Instrumentation, Machine Drives, Machine Design, Power Electronics, Power & Energy Systems, Artificial Intelligence and Machine Learning. In this program students also enjoy the flavour of electronics and computer science as an application area of electrical engineering. After completion the student can shift into any sub disciplinary area like Micro Electrical Engineering, Power Engineering, Instrumentation Engineering, Telecommunication Engineering and Electrical Design Engineering.

WHO IS THE PROGRAMME FOR?

The programme is designed for those who are interested to make a career in-

MAJOR CAREER OPPORTUNITIES	HIGHER EDUCATION OPPORTUNITIES	ALTERNATIVE CAREER OPTIONS
• Manufacturing sector • Railways • Electrical Machine design sector • Power plant sector • Transmission and Distribution sector • Renewable energy sector • Aerospace sector • Software based design sector • Automobile sector • Industrial Automation Sector • Telecommunication industry • Research and development sector	• In India, M.E. / M. Tech programmes from all IITs, NITs and other major universities • M.S programmes are offered by many prestigious global universities in all specializations of Electrical Engineering (Power System/ Control system/ Image processing /Intelligent control/ any inter-disciplinary domain). • Integrated PhD program from different IITs	• Management consulting • Finance, economics, and banking • Business analysis • IT Sector • Project management • Technical sales, marketing and communications • Intellectual property management • Government and policy • Entrepreneurship • Navigational equipment • Construction farm • Defence industry

L A B O R A T O R I E S

LIST OF SOFTWARE : **MATLAB 13b | PSPICE Student 9.1 | PSIM 9.3**

Circuit Theory Laboratory: The experiments in this lab link the circuit theory course to motivate the students for learning theory concepts through practical activity. Thus understanding the circuit functioning related to AC and DC circuit parameters, circuit components and theoretical laws are the main objectives of the Circuit theory lab.

Measurement Laboratory: In this lab students get experience on various electrical measurements and testing. Students are can perform experiments on various working principles of measuring bridges and instruments. Experiments cover illustration of the principles of electrical & electronic measuring instruments and their limitations. They can perform error analysis with the help of standard instruments.

Electrical Machine Laboratory: The Electrical Machine Laboratory is an important Laboratory for Electrical Engineering students. This Laboratory is equipped with different AC and DC Electrical Machines, Transformers and Electrical & Electronics measuring equipments. This Laboratory enables undergraduate students to understand the modelling and working of conventional and special Electrical Machines easily. Also, the Laboratory is involved with various research activities and project works.

Electrical Machine Design Laboratory: The Machine Design Laboratory contributes to educate the undergraduate student in the field of Electrical Design of a Machine. The mission of this lab is to understand the design concepts of components of electrical machine. The machine design includes learning design methodology and computer-aided design software systems which help electrical machine companies to rapidly develop high quality new products.

Power System Laboratory: In Power Systems Lab students becomes familiar with electrically-operated control equipments and protective devices of power system. Here students can get the overall view of generation transmission distribution sections of power system. Students can understand the locations and applications of electric generators, transformers and electric motors. Students get training on computer simulation for power flow, dynamic characteristics and stability studies of power system.

LIST OF SOFTWARE : **MATLAB 13b | PSPICE Student 9.1 | PSIM 9.3**

Power Electronics Laboratory: Power Electronics laboratory is used by UG students to follow the course Power Electronics Converters more deeply. This lab consists of oscilloscopes, function generators, multimeters, soldering arrangements, LCR meters and power electronic components (viz. diac, triac, thyristors and UJTs) to carry out experiments. This laboratory is to impart practical knowledge of power electronic components and their applications.

Control System Laboratory: In Control System lab students acquainted with design of control circuit and different control parameters. Students understand the operation of various control strategies through computer simulation. The control signals variations and system stability with the variation of control parameter helps the students to understand the basic concepts of control system.

Electric Drives Laboratory: The Electric Drives Laboratory is a learning / research laboratory for Electric Drives and Renewable Energy. This laboratory is developed to deliver hands-on experiments and projects in electric machines, power electronics, electric drives, circuits, power system and renewable energy. The students become proficient in the use of industry-standard tools for electric drives simulation.

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Academic Year 2024-25 to 2026-27

MECHANICAL ENGINEERING

INTRODUCTION TO THE UNDERGRADUATE PROGRAMME

B.Tech in Mechanical Engineering programme of SETGOI is designed with an endeavour to create globally competitive and employable engineers. The programme offers the students a conducive and rewarding environment by contributing to seminars, live projects and case studies to pursue the ideas, cultivate the spirit of curiosity and sustain passion for excellence. The perfect blend of Industry-Academia environment develops students with practical hands-on sessions offering a dynamic teaching program for creating vibrant and successful community of professionals who can develop both concept and skill essential for design, analysis, manufacturing and maintenance of various kinds of mechanical systems and machinery. Dedicated faculty of the programme tries to disseminate amongst the students the latest developments in Applied Mechanics & Design, Dynamics & Control, Thermo-fluids & Processes, Energy, Materials & Manufacturing, and Automation & Robotics.

WHO IS THE PROGRAMME FOR?

The programme is designed for those who are interested to make a career in-

MAJOR CAREER OPPORTUNITIES	HIGHER EDUCATION OPPORTUNITIES	ALTERNATIVE CAREER OPTIONS
• Manufacturing sector • Machine design sector • Power plant sector • Vibration analysis sector • Software based design sector • Automobile sector • IT sector • Industrial Automation Sector • Quality control	• In India, M.E. / M. Tech programmes from all IITs, NITs and other major universities • M.S programmes are offered by many prestigious global universities in all specializations of Mechanical Engineering (Manufacturing/ Design/ Thermal/ Any inter-disciplinary domain).	• Management consulting • Finance, economics, and banking • Business analysis • Project management • Technical sales, marketing and communications • Intellectual property management • Government and policy • Entrepreneurship

L A B O R A T O R I E S

Manufacturing Technology Laboratory: The Manufacturing Technology Laboratory provides opportunity to study and practice of different manufacturing processes to the students. The purpose of this laboratory is the experimental learning with the nature and technique of the manufacturing processes. This laboratory focuses on developing the students' skills towards metal cutting activities, through introducing different metal cutting machines and processes. It also develops the skill of the students towards process planning, machine and process selection.

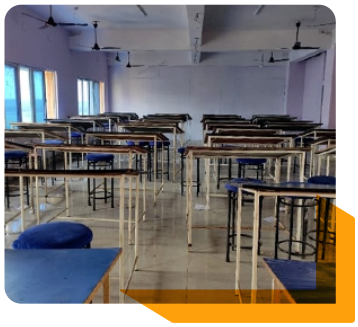
Thermal Engineering Laboratory: Thermal Engineering laboratory provides to study and basic understanding of different thermal devices. This laboratory emphasises on the construction and working principle of different type of internal combustion engines and boilers.

Internal Combustion Engine Laboratory: Internal Combustion Engine Laboratory provides opportunity to the students to study different type of IC engines and to test their performances like Brake Power, Volumetric Efficiency, Brake Thermal Efficiency, Specific Fuel Consumption. Complete energy balance of the engines also done experimentally using exhaust gas calorimeter, air-fuel ratios P-Theta and P-V diagram.

Heat Transfer Laboratory: Heat Transfer laboratory provides fundamental and industrial knowledge about modes of heat transfer, like conduction, convection and radiation, and their application.

Engineering Metrology Laboratory: Metrology, the science of measurement, helps manufacturers to attain the proper fit and finish for their products. Metrology Lab plays an important role for a student who wants to pursue his career in industrial engineering and shop floor control. The purpose of Metrology laboratory is to familiarize the students with measuring devices, to study the measurement methods, to learn proper measuring techniques and to express the result of calculations so as to correctly reflect the effects of measurement uncertainty. Following of the equipment, and instruments included in the Metrology Laboratory.

Fluid Mechanics & Hydraulics Laboratory: Fluid Mechanics & Hydraulics Laboratory provides the opportunity to practice of measuring the rate of flow of a fluid through a pipe or through a channel. Students learn to find out different constants of measuring devices, frictional head loss when flowing through a pipe. They get exposer to find out different type of flow (laminar or turbulent) experimentally. They get opportunity to test the performances of different fluid machines and finding out characteristic curves.



Engineering Graphics & Design/Machine Drawing: Engineering Graphics & Design/Machine Drawing Laboratory provides the opportunity to study and practice engineering design to the students. They get exposure to the visual aspects of engineering design and learn engineering graphics standards. This laboratory focuses on developing the students' skills towards the solid modelling of different manufacturing processes.

LIST OF SOFTWARE : **AutoCAD 2010**

Applied Mechanics Laboratory: The Applied Mechanics Laboratory provides the opportunity to study and understand the mechanical properties of different materials to the students. The purpose of this laboratory is experimental learning with the nature and technique of the material testing processes. This laboratory imparts training on determining different mechanical properties like ductility or brittleness, hardness, toughness, torsional rigidity etc.

Dynamics of Machines Laboratory: Mechanisms of any machine and it is an assemblage of rigid bodies so that they move upon each other with definite relative motion. Objectives of the Dynamics of Machines laboratory are to impart practical knowledge on design and analysis of mechanisms for the definite motion in a machine. With the study of rigid body motions and forces for the transmission systems, machine kinematics and dynamics can be well understood.

NATIONAL BOARD OF ACCREDITATION
CE | CSE | ME
Academic Year 2024-25 to 2026-27

COMPUTER SCIENCE AND ENGINEERING

INTRODUCTION TO THE UNDERGRADUATE PROGRAMME

Bachelor of Technology (B.Tech) in Computer Science & Engineering (CSE) is a highly demanding career choice among engineering aspirants.Computer Science & Engineering encompasses a variety of areas that includes computation, like analysis of algorithms, programming languages, program design, software, Artificial Intelligence & Robotics, computer hardware etc. Computer Science engineering has roots in electrical engineering, mathematics, and linguistics. In the past Computer Science was taught as part of mathematics or engineering departments and in the recent days it has emerged as a separate engineering field.

WHO IS THE PROGRAMME FOR?

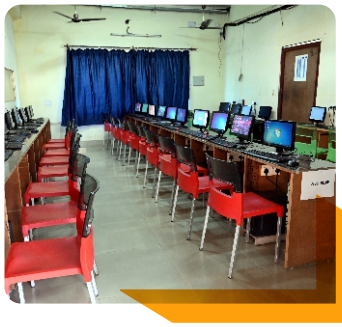
The programme is designed for those who are interested to make a career in-

MAJOR CAREER OPPORTUNITIES	HIGHER EDUCATION OPPORTUNITIES	ALTERNATIVE CAREER OPTIONS
• Application Developer • Data Analyst • System Analyst • Database Administrator • Network Administrator • Machine Learning Engineer • Software Engineer • Cyber Security Analyst • Web Designer and Developer • Game Designer and Developer	• In India, M.E. / M. Tech programmes from all IITs, NITs and other major universities • M.S programmes are offered by many prestigious global universities.	• Management consulting • Finance, economics and banking • Business analysis • Project management • Technical sales, marketing and communications • Intellectual property management • Government and policy • Entrepreneurship

L A B O R A T O R I E S

Data Structure & Algorithms Laboratory: In Data Structure & Algorithms Lab for a given problem student will able to implement search, or a given problem of Stacks, Queues and linked list and also analyze the same to determine the time and computation complexity for various sorting algorithms as Selection Sort, Bubble Sort, Insertion Sort, Quick Sort, Merge Sort, Heap Sort etc.

LIST OF SOFTWARE : **Dev C++ 5.50**

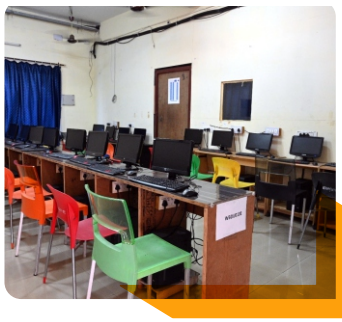


Computer Organization & Architecture Laboratory: Students will gain practical experience with designing and implementing concepts of microprocessor systems and understand the converter circuits using basic gates and various circuits for ALU, data path and control units. They will be using various microprocessors for simple arithmetic operations, loop, pointer, counter, interrupt, and interfacing. This lab defines what is seen on the machine interface, which is targeted by programming languages and their compilers.

LIST OF SOFTWARE : **Xilinx 2021.1**

Software Engineering Laboratory: Software engineering is a detailed study of engineering to the design, development and maintenance of software. Software engineering was introduced to address the issues of low-quality software projects. This Lab is aimed to provide you hands-on experience with different aspects of Software Engineering and UML including requirements identification, DFD, behavioral and structural design using UML diagrams, implementation, testing, and so on.

LIST OF SOFTWARE : **Microsoft Office 21**



Operating Systems Laboratory: The goal of Operating Systems Lab is to have students understand and appreciate and will realize the concepts of operating systems, designing principles of operating systems and implementation of operating systems process management, memory management, file systems, virtualization, and distributed operating systems.

LIST OF SOFTWARE : **Linux(Ubuntu 20.04) | Microsoft Windows 11**

Object Oriented Programming Laboratory: Object-oriented programming (OOP) is a style of programming characterized by the identification of classes of objects closely linked with the methods (functions) with which they are associated. It also includes ideas of inheritance of attributes and methods. This lab reinforces understanding of basic object oriented programming concepts (objects, classes and subclasses, methods) and their expressions.

LIST OF SOFTWARE : **JDK 22**

Database Management Systems Laboratory: This lab shows working on existing database systems, designing of database, creating relational database, analysis of table design. The lab course also provide practical knowledge to understand advanced database concepts such as Data mining and Big Data Analysis. Students will have to deal with this kind of data inconsistency while allowing users to access data concurrently to ensure efficient transaction management without data corruption.

LIST OF SOFTWARE : **Oracle 21c**

Programming Practice Laboratory: Programming practice Lab is to provide an environment for learning and better understanding of the basic concepts and methods of computer programming. This lab encourages students to focus on developing programming skills on c or Open Source Language like Python for major six sections as Documentation, Link, Definition, Global Declaration, main() Function, Subprograms. Python has many libraries to form amazing programs.

LIST OF SOFTWARE : **Python 3.10.5**

Computer Networks Laboratory: The Computer Networks Laboratory offers the typical components of high-performance computer networking as found in large corporate networks or service providers. Students have to work on practical experiments, projects and research work related to courses such as Computer Networks, Wireless Networks, Mobile Communications, Software-Defined Networking, Internet of Things, Future Networks (5G) and Cloud Computing.

LIST OF SOFTWARE : **Linux (Ubuntu 20.04)**

IoT and Machine Learning Laboratory: In this laboratory several microcontroller boards like Arduino, ESP32, Raspberry pi, etc are used to collect and process data by using machine learning algorithms taken from different sensors like temperature, pressure, ultrasonic, etc. Students use to make different IoT based project to implement different real-life scenarios.

LIST OF SOFTWARE : **Python 3.10.5 | Matlab 5.2**

COMPUTER SCIENCE AND ENGINEERING - ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

INTRODUCTION TO THE UNDERGRADUATE PROGRAMME

Bachelor of Technology (B.Tech) in Computer Science & Engineering – Artificial Intelligence & Machine Learning (CSE – AI&ML) is a field that applies computer science to create intelligent systems. It's a fast-growing field with demand in many industries, including healthcare, finance, and technology. CSE – AI&ML engineers are engaged in developing algorithms, models and systems that can learn and make decisions using machine learning and deep learning to solve problems. They help in creating embedded systems like robotics and IoT-based applications.

WHO IS THE PROGRAMME FOR?

The programme is designed for those who are interested to make a career in-

MAJOR CAREER OPPORTUNITIES	HIGHER EDUCATION OPPORTUNITIES	ALTERNATIVE CAREER OPTIONS
• Machine learning engineer • Robotics engineer • AI engineer • Research scientist • Computer Vision Engineer • Algorithm Engineer • Business Intelligence Developer • Medical Information Scientist • Information Network Manager • Software Engineer • Video Game Programmer • Information and Multimedia Designer	• In India, M.E. / M. Tech programmes from all IITs, NITs and other major universities. • M.S programmes are offered by many prestigious global universities.	• Management consulting • Finance, economics and banking Business analysis • Project management • Technical sales, marketing, and communications • Intellectual property management • Government and policy • Entrepreneurship

COMPUTER SCIENCE AND ENGINEERING - DATA SCIENCE

INTRODUCTION TO THE UNDERGRADUATE PROGRAMME

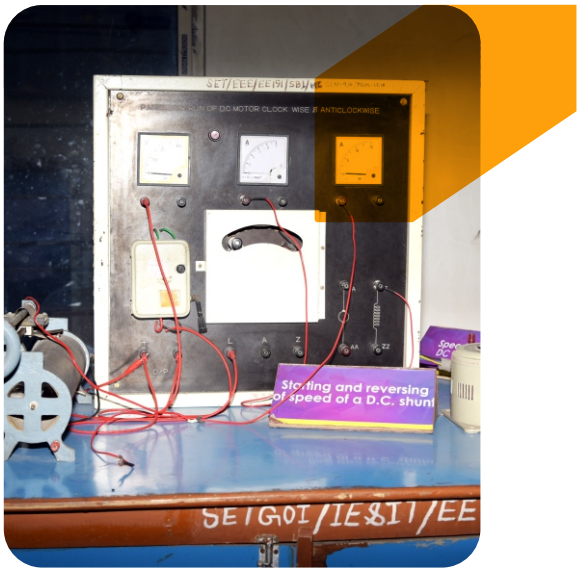
Bachelor of Technology (B.Tech) in Computer Science & Engineering - Data Science (CSE - DS) is intended to provide a comprehensive education covering all aspects of data science in the technological world. In this course, students will learn about data extraction techniques, algorithms, and methodologies as well as how to use collected data to build robotics and automated systems. The data science industry has shown significant growth in recent years and is expected to grow better in future years, thus extending great career opportunities for students with data science degrees.

WHO IS THE PROGRAMME FOR?

The programme is designed for those who are interested to make a career in-

MAJOR CAREER OPPORTUNITIES	HIGHER EDUCATION OPPORTUNITIES	ALTERNATIVE CAREER OPTIONS
• Biodata Engineer • Computer Vision Engineer • Marketing Analyst • Research scientist • Business Intelligence Developer • Information Network Manager • Software Engineer • Natural Language Processing (NLP) Specialist • Product/Data Strategy Analyst	• In India, M.E. / M. Tech programmes from all IITs, NITs and other major universities. • M.S programmes are offered by many prestigious global universities.	• Business analysis • Project management • Technical sales, marketing, and communications • Intellectual property management • Government and policy Entrepreneurship

ELECTRONICS AND COMMUNICATIONS ENGINEERING



INTRODUCTION TO THE UNDERGRADUATE PROGRAMME

The Department of Electronics and Communication Engineering at SETGOI is committed to generating globally competitive and employable engineers. The programme provides an appropriate and fulfilling atmosphere for students to explore ideas, foster a spirit of curiosity, and nurture a drive for excellence through seminars, live projects, and case studies. The ideal Industry-Academia environment provides students with practical hands-on sessions and a dynamic teaching training course, culminating in a vibrant and successful community of professionals capable of developing both concepts and skills required for the design, analysis, manufacturing, and maintenance of various types of electronics and communication systems. The program's dedicated faculty strives to impart to students the most recent breakthroughs in VLSI & Embedded Technology, Microwave and Digital Communication System Design, Automation & Robotics, Quantum InformationComputing, Artificial Intelligence, Signal Processing Techniques and its use in different sectors.

WHO IS THE PROGRAMME FOR?

The programme is designed for those who are interested to make a career in-

MAJOR CAREER OPPORTUNITIES	HIGHER EDUCATION OPPORTUNITIES	ALTERNATIVE CAREER OPTIONS
• Antenna and Microwave circuit design, • Integrated Circuit (IC) design, • Medical image processing, • Signal Processing field, • IT/ITES Industry, • Telecommunication sector, • Real-world simulations, • Machine Learning Engineer, • Data Scientist, • Industrial Automation Sector, Robotics, IoT, Artificial Intelligence	• In India, M.E. / M. Tech programmes from all IITs, NITs, and other major universities. • Integrated Ph.D. from reputed institutions or universities. • M.S programmes are offered by many prestigious global universities in all specializations of Electronics and Communication Engineering. • (Manufacturing/ Design/ Research/ Defense/ Any inter-disciplinary domain).	• Management consulting • Finance, economics, and banking • Business analysis • Project management • Technical marketing and communications • Intellectual property management • Government and policy • Entrepreneurship

L A B O R A T O R I E S

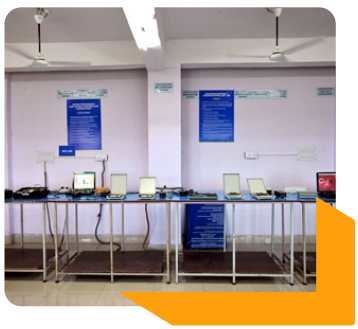
LIST OF SOFTWARE : **MultiSIM version 11 | MATLAB 9.7 2019b | Xilinx ISE version 14.7**

Electronic Devices Laboratory: Students get familiarized with the analysis and design of circuits by using semiconductor devices like diodes, transistors, FETs, SCRs, and UJTs. This lab mainly focuses on semiconductor device physics. The facilities include Dual DC Regulated Power Supply, (0-30) MHz Cathode Ray Oscilloscope, (1-1)MHZ Function Generator, Digital Voltmeter, Digital milli-Ammeters, Digital micro-ammeters, Digital Multimeters, Circuit components for implementing Diodes/Transistors/FET, SCR/UJT and SCR based circuits.

Analog Electronics Laboratory: This lab aims to teach students about Linear Integrated Circuit design using 555 Timer, phase-locked loop, and Schmitt Trigger Kits. It provides all hardware and software required to measure the characteristics of various electronic components. Students are emphasized to design and analyze the electronic circuits as well as pulse digital circuits and are supposed to co-relate it theoretically. Components include diodes, BJT,FET, UJT, Resistors, Inductors, and Capacitors, IC Components Like IC 741,555,565,723,7912,7809,7805. Current Shunt and Voltage Series Feedback Amplifier Kits, Power Amplifier kits(Tuned Amplifier).

Digital System Design Lab: The Digital System Design Lab is one of the core laboratories of our Electronics & Communication Engineering Department. Digital System Design Lab is equipped with Bread Board, ICs, and various Digital Electronic Kits. It helps to learn the basic nomenclature of ICs and their specifications by developing the logic circuits on breadboard. This lab provides the idea of Boolean functions, and Truth Tables of Logic Gates using TTL ICs. This electronic lab helps the students to get an overview of the design of different logic circuits of Combinational and Sequential Circuits.

Analog and Digital Communication Laboratory: This laboratory provides a platform for students to understand the basics of analog and digital communication systems, as well as modulation techniques, data transmission, and multiplexing. It also provides all hardware and software required to design and simulation of communications with the applications using MATLAB software. Facilities include: (0-500) MHZ Spectrum Analyzer, (1-30)V DC Regulated Power Supply, Amplitude Modulation & Demodulation kits. Single Side Band & Suppressed Carrierkits, Pulse Code Modulation kits, Phase Shift Keying kits, frequency shift Keying Kits, D-Pulse Code Modulations kits, Delta Modulation Kits.

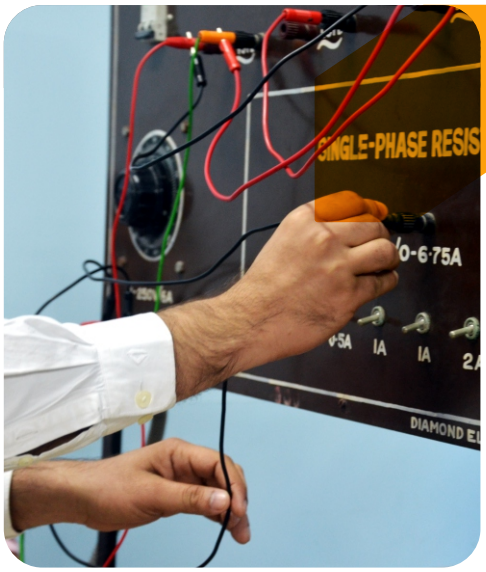


Microprocessors and Microcontrollers Laboratory: This laboratory provides all hardware and software required to learn the assembly language programming systematically for the different applications of microprocessors and microcontrollers. Students can execute basic assembly language programs as well as interface ADC, DAC, and stepper motor through various interface cards. Facilities: Intel 8085-8086 Microprocessor kits with keyboards, Interfacing Modules for 8051 Microcontroller like Liquid Crystal Display, Timer/Counter, UART & Interrupt, and Matrix Keyboard.

LIST OF SOFTWARE : **MultiSIM version 11 | MATLAB 9.7 2019b | Xilinx ISE version 14.7**

Electromagnetic Field Theory & Transmission Line: This is a vital lab where students can understand the basics of Electromagnetic field theory and transmission line. There are different hardware and simulation experiment through which students experience the flavor of the Modern Transmission line, various antennas like a dipole, horn folder dipole, etc. Spectrum analyzer 1GHz. And Microwave Test bench(Gunn Power supply and Klystron Power supply).

ELECTRICAL AND ELECTRONICS ENGINEERING



INTRODUCTION TO THE UNDERGRADUATE PROGRAMME

Electrical & Electronics Engineering (EEE) program is a rising and one of the most required programs in the field of engineering. EEE program is an integrated branch of electrical and electronic engineering. The electrical engineering is the origin of this program. Understanding of circuits and computerized devices is necessary in electrical & electronic field to compete with the technical modernization and computerization at work field of the world. This program covers the concept of power generation & distribution, machine control, communication, renewable and storage systems. In SETGOI this program is structured to make undergraduate students to understand the technological aspects of electrical circuitry and its application in electrical equipments. To achieve this, EEE program undergoes many additional departmental level programs like case studies, innovative mini-projects, covering subject gaps, student's seminars, group discussions and Technical quizzes. The seminars /webinars are organized where students can discuss with an industrial or research experts about the practical implementation and current issues of their subject topics.

WHO IS THE PROGRAMME FOR?

The programme is designed for those who are interested to make a career in-

MAJOR CAREER OPPORTUNITIES	HIGHER EDUCATION OPPORTUNITIES	ALTERNATIVE CAREER OPTIONS
• Manufacturing sector • Railways • Electrical Machine design sector • Power plant sector /li> • Transmission and Distribution sector • Renewable energy sector • Aerospace sector • Software based design sector • Automobile sector • Industrial Automation Sector • Telecommunication industry • Research and development sector	• In India, M.E. / M. Tech programmes from all IITs, NITs and other major universities • M.S programmes are offered by many prestigious global universities in all specializations of Electrical Engineering (Power System/Control system/Image processing/Intelligent control/ any inter-disciplinary domain). • Integrated PhD program from different IITs	• Management consulting • Finance, economics, and banking • Business analysis • IT sector • Project management Technical marketing and • communications • Intellectual property management • Government and policy • Entrepreneurship • Navigational equipment • Construction farm • Defence industry

L A B O R A T O R I E S

LIST OF SOFTWARE : **MATLAB 13b | PSPICE Student 9.1 | PSIM 9.3**

Circuit Theory Laboratory: The experiments in this lab link the circuit theory course to motivate the students for learning theory concepts through practical activity. Thus understanding the circuit functioning related to AC and DC circuit parameters, circuit components and theoretical laws are the main objectives of the Circuit theory lab.

Measurement Laboratory: In this lab students get experience on various electrical measurements and testing. Students are can perform experiments on various working principles of measuring bridges and instruments. Experiments cover illustration of the principles of electrical & electronic measuring instruments and their limitations. They can perform error analysis with the help of standard instruments.

Electrical Machine Laboratory: The Electrical Machine Laboratory is an important Laboratory for Electrical Engineering students. This Laboratory is equipped with different AC and DC Electrical Machines, Transformers and Electrical & Electronics measuring equipments. This Laboratory enables undergraduate students to understand the modelling and working of conventional and special Electrical Machines easily. Also, the Laboratory is involved with various research activities and project works.

Electrical Machine Design Laboratory: The Machine Design Laboratory contributes to educate the undergraduate student in the field of Electrical Design of a Machine. The mission of this lab is to understand the design concepts of components of electrical machine. The machine design includes learning design methodology and computer-aided design software systems which help electrical machine companies to rapidly develop high quality new products.

Power System Laboratory: In Power Systems Lab students becomes familiar with electrically-operated control equipments and protective devices of power system. Here students can get the overall view of generation transmission distribution sections of power system. Students can understand the locations and applications of electric generators, transformers and electric motors. Students get training on computer simulation for power flow, dynamic characteristics and stability studies of power system.

LIST OF SOFTWARE : **MATLAB 13b | PSPICE Student 9.1 | PSIM 9.3**

Power Electronics Laboratory: Power Electronics laboratory is used by UG students to follow the course Power Electronics Converters more deeply. This lab consists of oscilloscopes, function generators, multimeters, soldering arrangements, LCR meters and power electronic components (viz. diac, triac, thyristors and UJTs) to carry out experiments. This laboratory is to impart practical knowledge of power electronic components and their applications.

Control System Laboratory: In Control System lab students acquainted with design of control circuit and different control parameters. Students understand the operation of various control strategies through computer simulation. The control signals variations and system stability with the variation of control parameter helps the students to understand the basic concepts of control system.

Electric Drives Laboratory: The Electric Drives Laboratory is a learning/research laboratory for Electric Drives and Renewable Energy. This laboratory is developed to deliver hands-on experiments and projects in electric machines, power electronics, electric drives, circuits, power system and renewable energy. The students become proficient in the use of industry-standard tools for electric drives simulation.

B.PHARM

4 YEARS FULL TIME COURSE

APPROVED BY PCI

AFFILIATED TO MAKAUT

SCHOOL OF PHARMACY

INTRODUCTION TO THE UNDERGRADUATE PROGRAMME

The field of Pharmaceutical Technology serves as a link between medicine and engineering. It is concerned with the topics that link innovation to the field of medicine. Pharmacy encompasses everything from molecular research to the formulation of novel medications. Pharmacology, Pharmaceutics, Anatomy and Physiology, Pharmacognosy, Pharmaceutical chemistry, Pharmaceutical analysis, Biotechnology, Microbiology are some of the important topics in Pharmaceutical Technology. In just four years, B.Pharm students are exposed to 20 distinct disciplines, giving them the dimension and chance to explore several types of professional opportunities. Pharmacy provides students with opportunities, whether it is in the realm of research or in the realm of employment exposure.

WHO IS THE PROGRAMME FOR?

The programme is designed for those who are interested to make a career in-

MAJOR CAREER OPPORTUNITIES	HIGHER EDUCATION OPPORTUNITIES	ALTERNATIVE CAREER OPTIONS
• Production • Quality control • Quality assurance • Drug inspector • Pharmacist in Hospital • Pharmacovigilance • Pharmacy teaching • Sales and marketing • Whole seller • Retailer	• In India M.Pharm from recognized universities like Jadavpur University, BHU, DIPSAR, Manipal University and other major universities. • In India M.S. degree from NIPERs. • M.S programmes are offered by many prestigious global universities in all specializations of Pharmaceutics, Pharmaceutical chemistry, Pharmacology and Pharmacognosy.	• Railways • Banking • Government Scientist • Clinical Research • Scientist in Abroad • Project management • Intellectual property management • Government and policy • Entrepreneurship

Microbiology Laboratory
In this lab the nature and behavior of Microorganisms is evaluated. Different techniques for Identification of microorganisms, assay of antibiotics etc are performed here.

Pharmacology Laboratory
The effect of drug in the animal is studied here. Inflammation, antipsychotic, analgesic and other activities are performed here.

Pharmaceutics Laboratory
The formulation of different dosage forms is performed here in this lab. Tablet, cosmetics, syrup, capsules, ointments, emulsion and other formulations manufacture and their evaluation done in this lab.

Machine Room
All the large machines are present here. Formulation of different dosage forms and their evaluation are performed here.

Instrument Room
Many sophisticated instruments are there in this room. Analysis of different drugs will be carried out here.

Other facilities:
Medicinal plant garden | Animal house facility | GPAT coaching facility

L A B O R A T O R I E S

Pharmaceutical Chemistry Laboratory:
1. Organic Chemistry Laboratory: This is the lab where the synthesis of different organic molecules, saponification, nitration, sulphonation, bromination value determination of different compounds and other techniques are performed.

2. Inorganic Chemistry Laboratory: This is the lab where practical study of inorganic products is carried out. Limit tests, identification tests, Titrations and other methods are performed in this laboratory.

Medicinal Chemistry Laboratory: This is the Lab where the synthesis of different new drugs, assays of different molecules, determination of physicochemical properties are determined.

Pharmaceutical Analysis Laboratory
This is the Lab where qualitative and quantitative analysis of the drug is carried out following different methods like Gravimetric analysis, chromatography, spectophotometry etc.

Pharmacognosy Laboratory
In this lab the practical related to natural products is performed. Extraction techniques, isolation and separation of marker compounds, preparation & standardization of herbal formulations, organoleptic and anatomical study of crude drugs are the some of the examples of the work done here.

Human Anatomy and Physiology Laboratory
Here the different parts of human body will be identified and studied, body temperature measurement, blood pressure determination, different tests for blood, blood grouping etc are taught in this lab.

B.ARCH

5 YEARS FULL TIME COURSE

APPROVED BY COA

AFFILIATED TO MAKAUT

RANI RASHMONI SCHOOL OF ARCHITECTURE (RRSA)

INTRODUCTION TO THE UNDERGRADUATE PROGRAMME:

Bachelor's degree in architecture (B.Arch.) at RRSA under SETGOI will offer the students to avail A-1 quality knowledge of Architecture. RRSA also offers a global environment wherein the students will nurture their skills and pursue their careers beyond nation's boundaries. RRSA leads its architectural education and methods by amalgamating aesthetical, design-led, practical areas of the field. RRSA's mission is to upskill its students to develop built environment with respect to technology, urbanization, landscape and sustainability. B.Arch. programme in RRSA involves hands-on experiments through innovation and methodical researches. RRSA sets its goal to contribute to the overall growth of students so they can reach leading positions in both private architectural farms and public sectors.

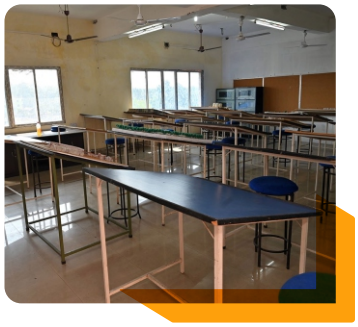
At RRSA under SETGOI, students are enabled to investigate new models of planning and designs to construct new type of architectural responses related to industrial productions. Our graduates aim at using sustainable resources to reduce and recycle total energy consumption.

WHO IS THE PROGRAMME FOR?

The programme is designed for those who are interested to make a career in-

MAJOR CAREER OPPORTUNITIES	HIGHER EDUCATION OPPORTUNITIES	ALTERNATIVE CAREER OPTIONS
• Architectural firm • Start own consultation firm • Public sector • Software based design sector • Academic sector • Interior Design sector • Consultation & construction Sector • SetDesigner • Web pg/Blog/you tube channel Designer • Conservation & Heritage Preservation Sector • Construction Management Sector	• In India, M. Arch./MCP./MTRP. Masters in Environmental Planning, Landscape Design, Construction management, Traffic Design & Planning etc. mastersprogrammes from all IITs, IIESTs, NITs and other major universities • M.s programmes are offered by many prestigious global universities in all specializations of Architecture, Planning, Interior Design, Set Design, Landscape Design, Construction Management, etc.	• Interior Design constructor • Turnkey project Constructor • Product Designer • Modular Design & Sales • Sales in Construction & Real Estate • Real Estate property management • Government and policy • Entrepreneurship

MAJOR FACILITIES



Studio
STUDIOs are the soul of Architecture. We have beautiful studios for the students with proper ventilation and lighting for various activities from dreaming to drawing to jury.
GRAFFITI BY STUDENTS: The studios become a part of their learning and interaction. The studios become their space where they interact in all possiblemanners with the space.

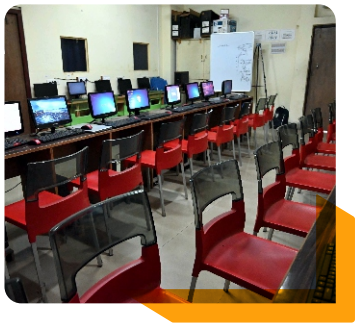
Art Gallery
Where Students can enhance and practice their inner artistic sense. It will help them to develop their esthetic ideas in this field.

Model Making Room
Here Students develop their 3-dimensional ideas and views for their designs.

Theory Classes and Projection Room
ARCHITECTURE is not only about Drawing. For Theory Classes, we have another set of classrooms equipped with projectors and speakers.

Workshops
Well equipped workshops available for the students to learn modeling through woodwork and metal work.

L A B O R A T O R I E S



Computer Laboratory
Well equipped and customized departmental Computer Workstation for students and faculties.

LIST OF SOFTWARE:
AutoCAD | Sketchup | 3D max | Revit | Adobe Photoshop | MS Office

Climatology Laboratory
Weather Station on roof to measure, record and give hands on experience of the Local Climate. This station helps the students to understand the impact of weather elements on a building. Core subjects like Climatic Design and Climatology are made easy by the instruments in the Weather Station.

Survey Laboratory
The surveying laboratory is equipped with the instruments & tools for measuring distance,vertical and horizontal angles,elevations etc ,that students use through out the surveying course.

LIST OF SOFTWARE:
AutoCAD | Sketchup | 3D max | Revit | Adobe Photoshop | MS Office

CAPACITY BUILDING

The Training & Placement Cell in collaboration with the departments conducts capacity-building activities towards developing and strengthening the skills, instincts, and abilities that the students need to survive, adapt and thrive in a fast-changing world. The programme builds self-reliance in students, develop the right attitude in them, augment the hard and soft skills, and enables the students to meet the expectations of the industry.

CarE Programme
The objective is to mentor and groom the students through a thoughtfully designed training programme leading to the creation of a pool of skilled manpower to meet the industry expectations. The programme aims to nurture the employability skills and improve the overall quality of the graduates. With due emphasis on domain and soft skills, the programme endeavours to prepare the students for the dynamic corporate world.

Mahindra Pride Classroom Programme
The modular training programme caters to:

1. Critical thinking and problem solving
2. Teamwork and collaboration
3. Professionalism and strong work ethics
4. Oral and written communications skills
5. Leadership
6. Mock Interviews
7. Resume Writing

Internship @ Internshala
Internshala is now an official partner of SETGOI. Internshala is a technology company on a mission to equip students with relevant skills & practical exposure to help them get the best possible start to their careers. The scope of the partnership extends to providing internship openings to all the registered students of the Institution, and facilitating the students in resume preparation through an online resume maker.

NPTEL Local Chapter Programme
SETGOI has established the SWAYAM NPTEL Local Chapter towards promotion and awareness activities of SWAYAM-NPTEL courses, and at the same time provide access to these courses to all the students. The students reap the benefits of e-learning through online Web and Video courses in Engineering, Sciences, Technology, Management and Humanities. Earning NPTEL course certificates is a great value addition for career progression.

NDLI Club Programme
SETGOI is registered as a NDLI Club under the National Digital Library of India thus providing a platform for the students to learn through activities. The activities aim at grooming the all-round personality of a student. Moreover, the club offers examination preparatory services for the job aspirants. Registered members of the club reap great benefits throughout their journey of education.

Capsule Labs Programme
SETGOI has signed a MoU with Capsule Labs to collaborate for student engagement and innovation development activities. Capsule Labs promote a career path in IoT, conducts innovation workshops, and extends innovation support.

IIC Programme
SETGOI has established an Institution's Innovation Council (IIC) in the campus as per the norms of Innovation Cell, Ministry of Education, Govt. of India. The programme encourages, inspires, and nurtures young students by supporting them to work with new ideas and transform them into prototypes.

GPAT Programme
The objective is to groom the students through a properly designed coaching classes by our in house highly qualified faculty members and also skilled manpower to get success in GPAT examination. The programme aims to improve the success rate of brilliant students in competitive examinations and to help them to achieve their master degree in Pharmacy.

S C H O L A R S H I P S

Institute supports the eligible candidates for availing the Scholarships.

01. OASIS Scholarship
02. Aikyashree Scholarship
03. Swami Vivekananda Scholarship
04. NSP National Scholarship Portal (For all State students)
05. E-Kalyan Scholarship (For Jharkhand State students)
06. MAKAUT Students Welfare Scholarship

Education Loan:

01. Bank Loan assistance for the students.
02. West Bengal Student Credit Card Scheme
03. Bihar Student Credit Card Scheme

CAMPUS HIRING AY 2024 - 25

The Training & Placement Cell of the Institute centrally handles campus placement of the Engineering, Architecture and Pharmacy students. The Cell provides complete support to the visiting companies at every stage of the placement process. Arrangements for pre-placement talks, skill tests, interviews, and group discussions are made as per the requirement of the visiting companies.

410+ STUDENTS	107+ COMPANIES	14 LPA HIGHEST CTC

STUDENT SPEAKS

I am thankful to all the facilities for their consistent guidance throughout our journey of 4 years. My association with SETGOI has been all the way fruitful for my overall personality development and towards exploring the best of me.

Taniya Shyam - Senior Analyst, Capgemini Technology Services India Ltd. (2013-17 Batch , EE)

I feel the quality , level of experience and approachability of the teachers are very important for a student towards an enjoyable learning experience. Without the kind support of my teachers, I could have never been able to qualify the GATE examination in 2019.

Anjan Pal - PhD Scholar, IIT (ISM) Dhanbad (2016-19 Batch , ME)

It's great to see my own college and its students are doing so well. I have not thanked my teachers enogh who helped me during that fragile time of my career . My passion for sports has indeed added a new dimension to my profession.

Koushik Biswas - Founder, Sportz Point (2013-17 Batch , CSE)

The journey at Sanaka Educational Trust's Group of Institutions was fantastic. I encountered numerous difficulties in several courses during my studies, but I received a lot of assistance from my faculty. I genuinely think that I am in this reputed company today due to them. I only advise juniors to pay attention and rely upon their experiences. Undoubtedly, SETGOI is a place which will hand hold you in improving yourself and showcase your abilities.

Dipankar Sarkar- Associate Manager, Indian Oil Adani Ventures (2019-23 Batch, EE)

I N T E R N S H I P

The Training & Placement Cell gives students the opportunity for improvement of employability skills explicit to their subject or industry of choice. Internship expands their knowledge of an industry or sector and helps them to make better well-versed decisions about future career choices.

INTERNSHIP SERVES AS AN ENTRY POINT INTO THE PROFESSIONAL WORLD AND PROVIDES REAL-WORLD PRACTICAL EXPERIENCE

BENEFITS:

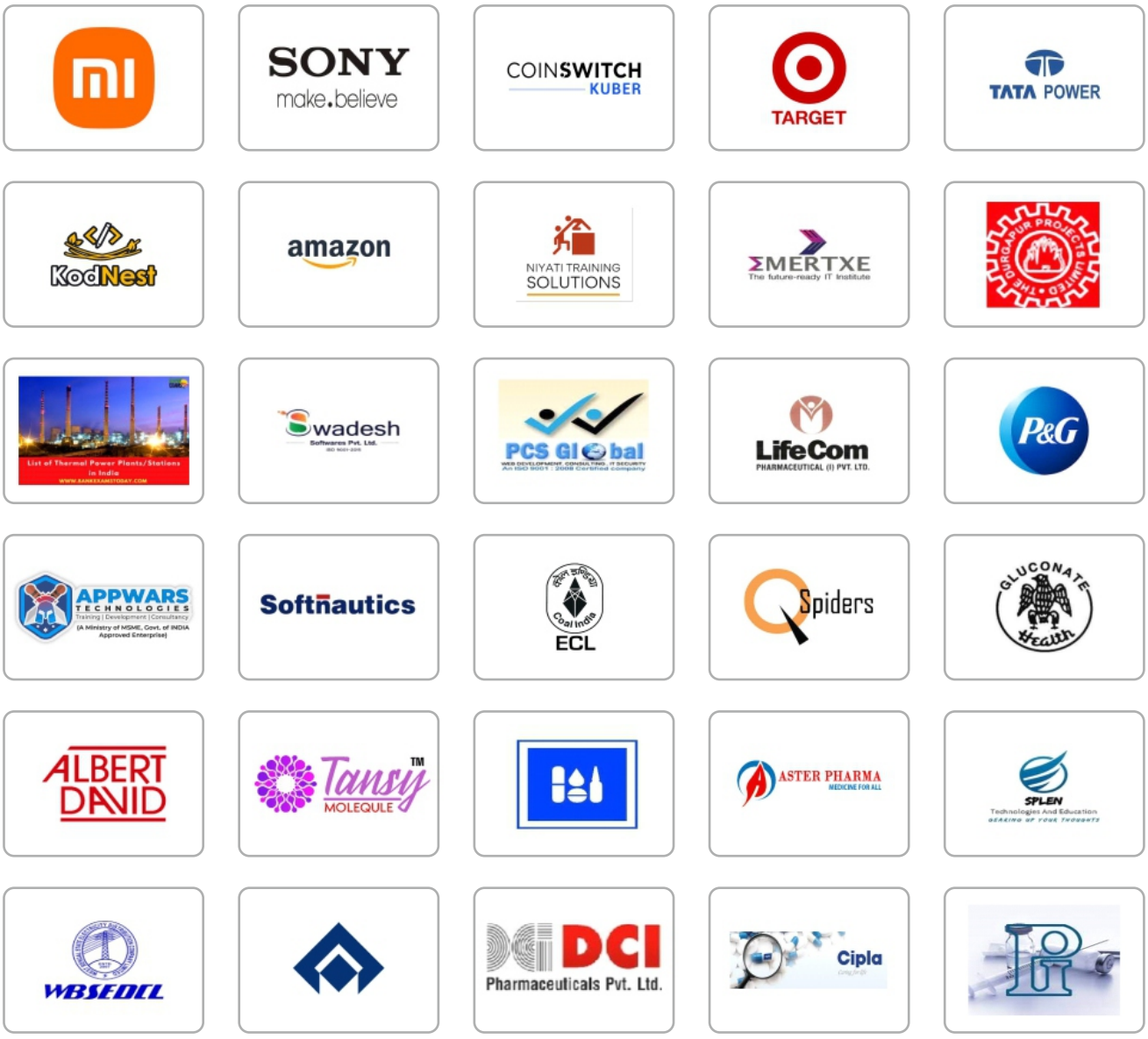
- Gain valuable work experience.
- Explore a career path.
- Give yourself an edge in the job market.
- Develop and refine skills.
- Network with Professionals in the field.
- Secure good references and recommendations.
- Gain confidence.
- Build a strong resume

USEFUL TIPS:

- Demonstrate professionalism with your penctuality,language, dress code, social etiquette.
- Have a clear grasp of your internship role and responsibilities.
- Build up network, and maintain contact with members of your internship organization even after your internship in through.

INTERNSHIP OPPORTUNITIES

The Training & Placement Cell of the Institute centrally handles campus placement of the Engineering, Architecture and Pharmacy students. The Cell provides complete support to the visiting companies at every stage of the placement process. Arrangements for pre-placement talks, skill tests, interviews, and group discussions are made as per the requirement of the visiting companies.



SETGOI LIFE STYLE

E V E N T


SANAKA EDUCATIONAL TRUST
FESTIN 'O' BEATS

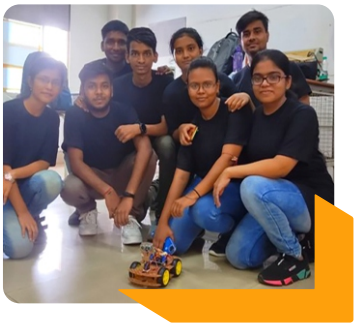

DR. B. C. ROY ENGINEERING COLLEGE, DURGAPUR

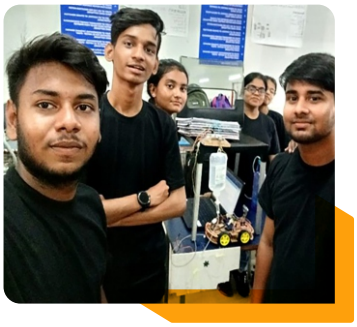

SANAKA EDUCATIONAL TRUST
FESTIN 'O' BEATS


GRAPHITE INDIA LIMITED


ENTREPRENEURSHIP DEVELOPMENT CELL (EDC)
CELEBRATING

PHOTO GALLERY





OUR SISTER INSTITUTIONS

MBBS
SHRI RAMKRISHNA INSTITUTE OF MEDICAL SCIENCES & SANAKA HOSPITALS

APPROVED BY NMC | AFFILIATED TO WBUHS

PARAMEDICAL
SHRI RAMKRISHNA INSTITUTE OF MEDICAL SCIENCES & SANAKA HOSPITALS

APPROVED BY STATE MEDICAL FACULTY, WEST BENGAL

DIPLOMA (CE, EE, ME)
SWAMI VIVEKANANDA SCHOOL OF DIPLOMA

APPROVED BY AICTE | AFFILIATED TO WBSCTVE&SD

GNM & B.SC NURSING
MAA SARADA INSTITUTE OF NURSING

APPROVED BY INC & WBNC | AFFILIATED TO WBUHS

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