

SUBHASH INSTITUTE OF TECHNOLOGY

Prospectus

– Affiliated Body –

Approved by AICTE, New Delhi, Ministry of HRD, Govt of India & Affiliated to JUT Jharkhand (Permanent ID : 1-3365796487) First College in Jharkhand to get An ISO 9001-2015 Certificate

SUBHASH INSTITUTE OF TECHNOLOGY



Our Roots

Subhash Group of Education has its roots since 1991 founded by Late Dr. Paramhans Singh, a Military officer and philanthropist of Jharkhand. It is Dr. Paramhans Singh's vision that raised Subhash Group in such a widespread area. He began his journey from an Army public school, currently renowned as Subhash public school; entitled in the name of legendary freedom fighter Subhash Chandra Bose. A premises that aims in created able citizens with high moral and discipline life. Continuing the path towards the zenith, two sons of Dr. Paramhans Singh, Mr. Sanjay Singh and Mr. Bijay Singh took up the baton. With a new vision to surpass the era, they expanded their boundary with lustrous bough 'T' i.e. Teacher Training College in 2000 which further extended its wing and established D.Led College in 2017. In the same year the bough sprouted further with the foundation of SIT polytechnic institute in the year 2017 with the vision to impart quality technical education. Uprating further the institution has planned to expand its roots with the concent to education, Pharmacy college is ready to give quality education in B.Pharma and D.Pharma.



Late Dr. Paramhans Singh Founder Chairman - Cum - Director (1945-2003)

Director's Message



At the outset, I send my greeting to all the aspirants who aim to become an engineer and have the zeal within to conquer any challenges coming their way in all aspects. We provide a complete package of educational aid to our students with state of the art technology.

when this vision of duty, aspiration and faith have become a reality, it is a proud moment for me and my team to impart high level of education to our fellow aspirants.

Our education initiative also puts efforts to bring a change in the cultural, educational and socioeconomic background of the state and eventually benefitting in nation building in the near future.



Dr. Bijay Singh

Director - Subhash Institute of Technology, Giridih. Director - Subhash college of IT and Management. Director - Drona College of Pharmacy, Bokaro. Director - Dhanbad College of Pharmacy and Research Institute, Dhanbad. Doctorate in Education. MBA (HR), B. Ed, B. Com(H)

Asst. Director

The college has a vision of integrating innovative ways of teaching and learning extra curricular activities, research and student's development in its pursuit of Nation Building. College provides disciplined, dynamic and vibrant environment. We try to nurture our students with active emphasis on all aspects of holistic development. Our aim is to promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institution of best practices. Indeed, it is a step towards excellence.

> Mrs. Manjushree Singh Asst. Director



Dr. Deepak Gupta Principal Ph.D., NIT Bhopal

Principal's Message



"We cannot always build the future for our youth , but we can build our youth for the future" Dear Students,

With experienced and dedicated teachers and excellent infrastructure, our college helps students to realise their goals in life. I encourage all students to take advantage of the opportunities provided by the college. The overall development of the mind and body is the sign of healthy and complete development.

2

ABOUT SIT

Subhash Institute of Technology established in the year 2017, aims to impart essence of quality technical education to the young minds, promoted by a social educational trust under the aegis of Subhash Group of Institution, having diverse experience and cognitive Knowledge in the field of education over the last 25 years, since its inception.

The Institution is now flourishing as an independent new complex at Koiridih, behind Giridih College, Giridih, away from the luster of the city, enveloped with the mesmerizing beauty of Mother Nature. The infrastructure of the premises fulfills the demand of modern architecture and encloses the fascinating bliss of the modern era. The premises includes sophisticated and upgraded shrine department of Electrical engineering, Mechanical Engineering, Civil Engineering, Mining Engineering, administrative block, modern library, innovative class room, workshop, employee quarters and multi-cuisine canteen circulated according to the norms of AICTE. The Institution is beholding the quality professional excellence moving forward with the disciplinary management to enhance itself further in spheres of education and fabricates more competent youth with high technical skills.

MISSION

To educate and train students in engineering and technology, further committed to nurturing excellence through imparting knowledge and enabling them with stand technology, while absorbing social sensitivity and environmental consciousness for the betterment of self in society.

QUALITY POLICY

We make our best possible efforts to cater quality education and experience to our students, while studying herewith us. we strive to deliver comprehensive continually enhanced global quality technical education through an established quality management system complemented by synergistic interaction of the stake holders concerned.

SIT AN OCEAN OF NEW VISION

Subhash Group of institution is one of the most popular group known as an ocean of new vision for imparting quality technical education. Our range of courses and work experience promote and impart quality professionalism and holistic transformation of students to make them competent in the complex and challenging world.

LIBRARY

- Library with its modern collection of resources and innovative books and journals.
- Library with modern outlook containing classic as well as updated reference book, journals and magazines.
- Due care has been taken of the acoustics to avoid any noise disturbance from nearby areas.
- Real time surveillance by the management and faculties.

ACCOMMODATION FACILITIES

To create an aura of home away from home, Institution has taken initiative to design and construct the rooms of the hostels in the most comfortable manner. In the hostel, we ensure that students feel like they are at home, with the best amenities and comfort so that they can put their 100% into their curricular and extracurricular activities.













GOVERNMENT CERTIFICATION

It make us feel proud that each and every department of SIT is approved by the related council formed by AICTE , Govt. of India and JUT Jharkhand, NPTEL, AISHE, NATS, Govt. Of Jharkhand.

Polytechnic College in Jharkhand to have the certification of ISO-9001:2015.

ELIGIBILITY CRITERIA

The candidate must have Passed" 10th Examination from any Board (CBSE/ICSE/State board) "or have passed" 12th (Science) or ITI " can take lateral entry in second year.

BEST PRACTICE OF INSTITUTION



- Branch toppers are awarded.
- Special attention to weak students by providing extra classes.
- Classrooms with Projector.
- Attendance and Progress of Student intimated to parents through web portal.
- Extra guidance given for personality development of the student.
- Girl students are encouraged.
- Periodic liaison with parents/guardians.
- Extracurricular activities like sports, seminars, Industrial visits are conducted.



Reading Room



Smart Classes

HEALTH AND NUTRITION





- Hygienic and nutritious food provided by mess.
- **R**. O Plant available to provide safe drinking.
- Cafeteria in the premises provide hygienic and nutritious food with ample choices for the students.
- Spacious hall for comfortable dinning.
- Availability of snacks from the canteen.

COURSES

SI.	Courses		Annual Intake
01	Mechanical Engineering	:	60 seats
02	Civil Engineering	:	60 seats
03	Electrical Engineering	:	60 seats
04	Computer Science Engineering	:	60 seats
05	Mining Engineering	:	120 seats
06	ITI (Fitter)	:	40 seats
07	ITI (Electrician)	:	40 seats
08	BBA	:	60 seats
09	BCA	:	60 seats

Note :* Extra 5% TFW seats & 20 % Lateral entry seat (for Diploma Courses)

FEES STRUCTURE

		1st Year	2nd Year	3rd Year				
	Diploma	20000/Sem.	22500/Sem.	25000/Sem.				
Tuition fees	BBA/BCA	20000/Sem.	20000/Sem.	20000/Sem.				
	ITI	19000	19000					
Registration fees		1000						
Admission ch	arge	10000 (Diploma & BBA/BCA) & 2000 (ITI)						
Hostel Fees		4500 /month	4500 /month	4500 /month				

- * Upto 40% Scholarship for girl candidates.
- * 300 Extra for Smart I-Card.
- * Fees will not be refunded in any circumstances.



ABOUT MECHANICAL ENGINEERING

Mechanical engineering is the application of the principles and problem-solving techniques of engineering from design to manufacturing to the marketplace for any object. One of the most diverse and versatile engineering fields, mechanical engineering is the study of objects and systems in motion. Technically, Mechanical engineers play key roles in a wide range of industries including automotive, aerospace, biotechnology, computers, electronics, micro electromechanical systems, energy conversion, robotics and automation, and manufacturing.

FACILITIES

- •Virtual class room and e-learning.
- Highly Equipped Workshop.
- •Industrial Visit in every semester.
- Project work in every semester.
- Doubt Class in branch paper.
- •Seminar conducted by plant engineer.
- •Vocational training arranged by college in reputed company.
- •Special class on numerical subjects.
- •Well qualified faculties with industrial knowledge.
- •Engineering Aptitude Class.
- •Industrial Talk.

OUR TOPPERS







Raj Kumar Mandal 79%

Md. Arbaz Ansari 75%



2019-22 Topper



Sintu Kumar Mandal 84%

Umesh Prasad Verma

94.5%



76%





Sunny Kumar 93.75%



Nikhil Kumar Ray 90%





Fluid Mechanics Lab



Manufacturing Lab



SOM Lab



Thermal Engineering Lab



Engineering Mechanics Lab



Power Engineering Lab





Metrology Lab

Hydraulics Press Machine



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Theory of Machine Lab

Machine Drawing Lab



ELECTRICAL ENGINEERING

ABOUT ELECTRICAL ENGINEERING

Electrical Engineering department is to be a model of excellence in technical education and produce high caliber electrical engineer. The department of electrical engineering of SIT Giridih is one of the finest and well equipped Electrical Department of Jharkhand. It boasts of having a highly qualified faculties with an unparallel level of experience in their field. The department offers 6 semester diploma programme in electrical engineering. The department offers highly equipped Lab facilities like Machine Lab, Basic Electrical Lab, Electronics Lab to name a few.

FACILITIES

- •Virtual class room and e-learning.
- •Electrical Machine Labs.
- •Industrial Visit.
- Doubt Class.
- Electrical CAD Classes.
- •Seminar Conducted by Top Company Engineer.
- Regular Visit of Substation and Power Plant.
- Classes taken by experienced faculties of NIT's and IIT's.
- •Well equipped Lab Facility.

OUR TOPPERS



RADIANT

ENGINEERING

SISCO

LAB PHOTO



Measurement Lab



Electrical Engg Lab



Digital Circuit Lab



Electrical Machine-1 Lab



Power System Lab



Solar LED Lab





Electronics Engg. Lab



Network Theory Lab



Electrical Machine-2 Lab



Electric Traction System



Electrical Projects



SSTE



ABOUT CIVIL ENGINEERING

Civil engineering is a professional engineering discipline that deals with the design, construction and maintenance of the Physical and naturally built infrastructure for the fulfillment of basic needs of the human race including transportation, communication, energy production and buildings etc. Well gualified and experienced faculty is one of the salient features of the department and acute care is taken to ensure that students acquire essential engineering concept in depth of understanding.

FACILITIES

- •Virtual class room and e-learning.
- Provide field work.
- •Industrial Visit.
- •Seminar conducted by project engineer.
- •Special Class for competitive examination.
- •Vocational training arranged by college.
- Construction Site visit.
- Surveying Lab

OUR TOPPERS

2017-20 Topper

Concrete and Technology Lab

LAB PHOTO







Geo Technical Engineering Lab



Construction Material Lab



Building Material Lab



SOM Lab





Surveying Lab





Civil Projects



TRAINING AND RECRUITING PARTNER







Sourav Kr. Gupta

Md. Faizal Enam 76%

Abhishek Kr. Das 70%



2019-22 Topper

Hritik Kumar Pandey 81%

Khushi Rani

94.25%

77%



Nisha Kumari 78%



Yashwant Kumar 92.88%



Nahid Afroj 77%



91.88%

7



MINING **ENGINEERING**

ABOUT MINING ENGINEERING

Mining Engineering is the branch that includes practice, science, theory, training, technology and application of extracting and preparing minerals from a naturally occurring environment. Admission into this course is merit based and depends on the marks scored in the 10th and 12th standards board examination. If the students is opting for the course after 12th, he or she needs to have Physics, Chemistry, and Math as Subjects in class 12th standards.

Employment opportunity for Mining Programme includes :-

- 1. Mine forman/overman and Mining surveyor in the Mining Industry.
- 2. Works in Explosives, Mining Machinery companies as a Service Engineers.
- 3. CIMFR (Central Institute of Mining and Fuel Research.)
- 4. NIRM [National Institute of Rock Mechanics]

FACILITIES

- •First-Aid Certificate (St. John Ambulance, Indian Red Cross Society)
- •Lamp Handling Certificate.
- Provide Opportunity in IIT's, NIT's for technical fest.
- •Special Class for "GAS Testing Examination".
- Provides Vocational Training in top most companies.
- Provides Smart Class (NPTEL).
- Provides PDPT (Post Diploma Practical Training) through BOPT (E.R)
- •Latest Labs and Equipments (DGMS Approved).
- •Highly Qualified and experienced Faculties From IIT's, NIT's and Top Most Reputed in India
- Special Guest Lecturer for Mining Sirdar & Overman competency examination preparation.

OUR TOPPERS



Raunak Kumar Sandeep Kumar

84%



79.3%

Ajay Kr. Mahto





Subham Deo 83%



Satyam Singh 93%







REGC Lab



Mine Ventilation & Environmental Lab





Geology Lab





Mine Design Lab









Topper 2018-21

2019-22

8









Deepak Kahar 85%



Sourabh Kr. Saw 93.06%





COMPUTER SCIENCE ENGINEERING

About CSE

The department serves to create a centre of excellence for budding professionals so as to equip them with strong fundamental concepts, programming and problem solving skills with an exposure to emerging technologies by providing hands-on experience. The courses offered deal with both theoretical and practical aspects of the theoretical foundations of computation and information processing, design and understanding of concepts behind computational processes and programming languages from the basic level to the application level to meet industry requirements in the rapidly changing environment. A student undergoes courses in programming languages, object oriented concepts, algorithms, operating systems, system software, compiler design, database management system, computer networks, computer graphics, web design, cryptography, computer architecture, artificial intelligence, etc. Hence, on completion of the course, a student can analyze, design, develop, test and optimize solutions in C, C++, Java, Python and .NET platforms and can contribute as software developers, hardware engineers, system analysts, database analysts, security analysts, software testers, software quality assurance engineers, etc.

FACILITIES

- Virtual class room and e-learning.
- Doubt Class.
- Software Learning Classes.
- Seminar Conducted by Top Company Engineer.
- Classes taken by experienced faculties of NIT's and IIT's.
- Well equipped Lab Facility.
- Computer programming & Graphics Lab
- Object oriented programming Lab(OOPS Lab)
- Language Processor Lab
- Network & OS Lab
- Internet & Project Lab
- Language Lab



Advance Programming Lab

LAB PHOTO



Software Engineering Lab



Internet Lab



DBMS Lab



Computer Network Lab



Operating System Lab

TRAINING AND RECRUITING PARTNER





SCIENCE & HUMANITIES DEPARTMENT

About Science & Humanities

The department of Science and Humanities was started in the year 2017 with an objective of creating a leader in engineering education and research with the application of knowledge for uplifting the society globally.

The Department of Science and Humanities and General Engineering takes the lead role in setting up the foundation with engineering orientation to the budding engineers. It sets the platform for the engineering students to learn and practice analytical and innovation reasoning, professional ethics and communication. The aim of the department is to broadly educate aspiring engineering students in the basics of Mathematics, Physics, and Chemistry & English which serve as a platform for the growth of students in their further study of Technical subjects. The major motivating factor of the department is the commitment and team work that is exhibited in the teaching – learning process. Extra care is taken to offer special coaching class during weekends and closer to the University Examinations The faculty members are consistently doing well in teaching and research activities.

OBJECTIVES

To provide strong foundation in the field of science and technology through practical approach. Motivating the students to explore the applications of Mathematics in the field of Engineering.



Communication skill lab



Chemistry lab





Computer Hardware Workshop

Computer Lab



Physics Lab



Workshop (2)

Engineering Drawing



Workshop (1)



TID





Smart Class - 2



BACHELOR OF BUSINESS ADMINISTRATION & BACHELOR OF COMPUTER APPLICATION PROGRAM

PROGRAMME OBJECTIVES

- Assist students in becoming more proficient in analysis and decision making.
- Develop student's abilities to understand business concepts, terms, and theories
- Develop students' understanding of business and the effects of globalization
- Aims to provide hands on practical experience for various hardware/softwareenvironments to enable technological adaptation.
- Enhance social interaction skills, communication skills, life skills, entrepreneurial skills and research skills which are necessary for career growth and for leading quality life.
- Prepare students for jobs in the field of management, marketing, human resources & finance.

BBA PROGRAMME

The 3-year degree programme provides fundamental education in business and management principles. BBA programme at SIT emphasizes on the development of communication skills, quantitative reasoning, and analytical skill of students

BCA PROGRAMME

The 3-year degree programme provides fundamental education in computer applications and creates high caliber solution architects and innovators for software development. The main objectives of BCA Programme at SIT is to make students industry ready for becoming system analysts, system engineers, software engineers and programmers



TRAINING AND RECRUITING PARTNER





IT & Programing Labs



Class Rooms.







INDUSTRIAL TRAINING INSTITUTES (ITI)



- Industrial Training Institutes are imparting basic skills to the youth of the state in various vocational trades to meet the skilled manpower requirements of the respective industry.
- •Training is imparted in various engineering and nonengineering trades under the guidelines of DGET, Ministry of Labor & employment, Govt. of India.

Objectives

- 1. Making productive & skilled workers available in various different trades & fields.
- 2. Heightening the Industrial production and productivity by providing high quality training to the trainees.
- 3. Train Male & Female both to make them worth employment.
- 4. To fulfill the needs of market & workers by running short term courses.
- 5. To upraise the level of institute in nation by running multi faceted and multi talented courses.
- 6. Standarlize the market norms by training Inspecting / Testing and certifying the on job worker

Vision

To carve out a new generation having high proficiency in technical subjects, social commitment and magnificent cultural qualities by offering them the best coaching in theory and practical through a team of qualified, experienced and dedicated faculty.

Fitter Course Overview

Fitter is a 2-year ITI course approved with the NCVT (National Council Vocational Training). ITI Fitter course is a trade related to the Mechanical branch. ITI Fitter syllabus includes the knowledge about fittings like Pipe fittings, Machine fitting, and structure fittings are the main working areas, on which a fitter works.

Electrician Course Overview

The Electrician is a 2-year ITI course, approved by the NCVT (National Council Vocational Training). The electrician is a tradesman specializing in electrical wiring of buildings, transmission lines, stationary machines, and related equipment.













TRAINING AND RECRUITING PARTNER





About Training & Placement Department

The Training & Placement Cell of Subhash Institute of Technology strives to be the preeminent career center model for providing the foundation for students' persistence through a developmentally purposeful agenda for inclusive career & employment services.

Objective:

The main objective of the Training and Placement cell at Subhash Institute of Technology is to provide personal and career-related support to the students with special emphasis on training the students on employability skills and ultimately provide placement in various Industries /Organizations/ MNCs by arranging campus recruitment drives.

Key Features of Training & Placement Department :

- Personality Development Program
- Communication Skills
- Program Group Discussion
- Practice Mock
- Interview Sessions
- Critical Thinking Skills
- Technical Skills
- In-house and External Training Workshops
- Facilitate networking with Alumni
- Promote Career Guidance & Counseling to the students for their
- career development
- Dedicated, Experienced and Qualified Lecturers.
- Faculties fulfil multiple roles as educators, researchers and professionals having a broad range of background.
- The faculties continue to maintain and cultivate strong links with industry and academic alike.



Er. Abhishek Kr. Sinha Email : tpo.subhashit@gmail.com

















12







National Institute of Electronics & Information Technology (NIELIT)

About NIELIT

National Institute of Electronics & Information Technology (NIELIT), (erstwhile DOEACC Society), an Autonomous Scientific Society under the administrative control of Ministry of Electronics & Information Technology (MoE&IT), Government of India, was set up to carry out Human Resource Development and related activities in the area of Information, Electronics & Communications Technology (IECT). NIELIT is engaged both in Formal & Non-Formal Education in the area of IECT besides development of industry oriented quality education and training programmes in the state-of-the-art areas. NIELIT has endeavoured to establish standards to be the country's premier institution for Examination and Certification in the field of IECT. It is also one of the National Examination Body, which accredits institutes/organizations for conducting courses in IT in the non-formal sector.

FREE OF COST TRAINING in NSQF Short Term Courses in Giridih Districts under the Project "**Skill Development of Youths in Aspirational Districts in area of IECT leading to enhancement in Employability**" [Sponsored by Ministry of Electronics and IT, Govt. of India]

Certified Data Entry and Office Assistant (Upskilling) [2022/ITES/NIELIT/06337]	10+2 with knowledge of Basic computer and Internet Concepts	
Certified Computer Application Accounting and Publishing Assistant [2022/ITES/NIELIT/06336]	10+2 in any stream with min 50% marks or ITI Certificate (One Year) after class 10th with min 50% marks in ITI.	Free for SC/ST & EWS (Women) Candidates
Solar LED Lighting Product (Design and Manufacturing) [NSQF/EM/L4/0 03]	Matriculation / ITI	

Digital Library





Our Mission

Subhash Institute of Technology's Digital Library, registered under National Digital Library run by Ministry of Education, enables each of its members to conduct a program of digital initiatives in support of research, scholarship, and learning.

Our Vision

The SIT Digital Library seeks to be a catalyst for deeply collaborative solutions providing a rich, intuitive and seamless environment for publishing, sharing and preserving our scholars' increasingly diverse outputs, as well as for acquiring and accessing information critical to the college's scholarly enterprise.

Our Values

At the SIT Digital Library, we are passionate in our belief that the library, in all its forms, is critically important to the vital work of students, scholars and the faculty.As a digital library we embrace the values of innovation, collaboration and the power of the network

LIFE BEYOND CLASSROOM



Won District Level Karate Championship



Awarded by Dr. Sudhir Kashyap (Principal Scientist - CIFR)



Won district level speech competition



Winter Sports Tournament



Won Bronze medal in state level boxing championship



Entrepreneurship Promotion Conference on world youth skill day



Seminar on Cyber Defence Engineering organized by AICTE



Open Cast Mines Model on Engineer's Day



Gold Medal in National Mua-Thai (Kick Boxing)



Entitled as Mr. Jharkhand competition



Won Gold Medal in state level Boxing Championship



Won gold medal in District level volleyball competition



Won district level boxing competition



Selected Best Institute of the year 2022 by BOPT (E.R.)



Toppers awarded at Pratibha Samman Samaroh 2022



Team SIT

- Dedicated, Experienced and Qualified Lecturers from IIT, ISM, NIT, BIT and other prestigious institutions.
- Faculties fulfil multiple roles as an educators, researchers, philospers and professionals having a broad range of background.
- The faculties continue to maintain and cultivate strong links with industry and academic alike.



The college has a vision of integrating innovative ways of teaching and learning extra curricular activities, research and student's development in its pursuit of Nation Building. College provides disciplined, dynamic and vibrant environment. We try to nurture our students with active emphasis on all aspects of holistic development. Our aim is to promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institution of best practices. Indeed, it is a step towards excellence.

Er. Kaushal Hansraj Vice - Principal

