



IIIT Bhubaneswar

Imagine, Innovate, Inspire

2017

Information Brochure





Message from the Director

Abdul Kalam, the then President of India laid the foundation of the Institute on 29th November, 2006. Today, the Institute is barely 10 years old. In the world of academics, best known universities are often aged over hundreds of years. In that sense, we are a very very young Institute.

However, what the Institute lacks from its young age is more than compensated by its sense of purpose, hunger for success, energy and enthusiasm. We have created unique physical and academic infrastructure at breakneck speed. We have been granted University status in a very short time. Our young faculty is hungry for quality research, is passionate about teaching and is known for innovation and free thinking.

The Institute provides an extraordinary environment to create technology leaders of tomorrow and help them face the challenges of the future. I invite you to visit our campus and interact with our faculties and students. You will enjoy the zest and vigour of our community and we will benefit from your experience, wisdom, knowledge and association.

Dr. Gopal Krishna Nayak
Director, IIIT Bhubaneswar

Imagine

Innovate

Inspire

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Vision, Mission

and Values of the Institute

Vision

The vision of the Institute is to be an unique institute imparting education, training, research, and consulting in technology and related fields to develop human resources who will lead the economy and the society in the coming decades.

Mission

The mission of the Institute is to be a knowledge seeking Institution of higher learning that will educate students in technology and other disciplines of scholarship. The Institute is committed to the entire value chain of knowledge creation, diffusion and preservation to meet the challenges of the century. The Institute borrows best practices in education delivery systems, research and consulting practices and leverages technology to bring about next generation of practices.

The Institute cultivates values of Honesty and transparency, Respect for the Individual, Commitment to quality and high standards, passion for performance and sensitivity to social and ethical issues.



About the Institute

IIIT Bhubaneswar owes its origins to the initiative of the Government Odisha. It is a result of the desire of the Government to establish a world-class institute of Information Technology in the state. The Institute has been registered as a society in Nov 2006. In January 2014, the Institute is conferred with University Status by the Government of Odisha.

The Governance structure of the Institute is in the hands of Board of Governors consisting of members from Odisha Legislative Assembly, Government of Odisha, Leaders from the IT industry and Eminent educationists. Currently, the Chairman of the Institute is the Chief Secretary of the Government of Odisha.

The Institute has its focus on quality and rigorous education, quality resource, academic infrastructure, technology and innovation. These initiatives have helped IIIT-Bhubaneswar achieve pre-eminence in India and beyond.





The Institute Campus



The Institute

The campus of the Institute is located in Gothapatna in the outskirts of Bhubaneswar. It is a compact 23 acres campus, which houses classrooms, laboratories, library, hostel, faculty living quarters, sports facilities, auditorium and more. The Institute shares its neighbourhood with educational institutes such as BIMTECH, IMI and research organizations such as Nalco Research Centre & STPI. The campus is designed to be environmentally sensitive, learner friendly and foster communities.

Laboratories

There are numerous Laboratories as required by the curriculum. In addition, the Institute has built research oriented laboratories with own funding. Some of these labs are: the High Performance Computing Lab, Mobile App development Lab, Image and Video Processing Lab, IOT Lab, Optical Communications Lab etc.



There are also labs funded by Central Government agencies: CLIA lab, Bio-informatics Lab, Information Securities Lab etc.

Library

The Central Library is a key academic infrastructure of the Institute. It is a bookworm's paradise with large and diverse collection of books. The Library is distinguished by large collection of Titles, large collection of Journals, e-Books, Multimedia content, a Text Book library.

Information Technology

The Institute has a state-of-the-art IT infrastructure on the campus. The IT infrastructure is Service oriented. The features of the IT infrastructure include: Campus network touching every corner of the campus, Fast Internet access, Servers to support variety of services, Large software library of development tools, analytical software, simulation software etc, PCs and Notebooks with everyone including faculty, students and staff members.

Hibiscus: our e-Governance Platform

The Institute runs on self developed Academic ERP solution which includes administration of academics, library, HR, Accounting, Payroll, procurement and stores functions.

Hostel

The Institute has two Hostels. These hostels accommodate more than 1600 students. The hostels will have a combination of single, double and triple bedded rooms. Features of the Hostel include Rooms with modern design, Modern WCs, Washing machines, geysers, Common room equipped with HD LCD TV, TT, Carrom, Music system, Hostel Library, Modern and Hygienic Mess.

Auditorium

The Institute has four mini auditoria to facilitate guest lectures, interaction meetings, technical events, industry interactions and seminars. These auditoria have of

seating capacity ranging from 150 to 300 and they are equipped with modern audio and visual presentation equipment. The Institute has an open air theater to host large scale events with audience exceeding 5000 in numbers. Being a residential Institute, the Institute has Faculty quarters, which can accommodate 42 families.

Sports Facilities

The Institute provides adequate outdoor playing facilities for students. These include Tennis courts, Basketball courts, Volleyball courts, cricket and football fields and a putting green. The campus is identified by several artefacts such as the Infinite Pond, the Court Yard, the Tranquillity Center, the Nature's arc, the Scholar's arc, the Medicinal Lane, the Orchard Lane, the Celebration Plaza etc.



The Campus Life

- The Institute offers an extraordinary environment for its students. Staff, faculty and students share an intimate relationship. The diversity and rich mix of experience, background and culture, coupled with shared traits of talent and high aspiration, produces an inspirational vitality and enriches learning inside and outside the classroom. High degree of interaction among the faculty, students and corporate visitors is a way of life. Life at here is competitive, co-operative, friendly, helpful, impressive and stimulating. As members of this community, students forge deep and lasting friendships during their stay here. The quality of life as well as learning is enhanced in the company of such energetic, ambitious, interesting and committed people.
- The students have organized numerous clubs and societies to give vent to their creative energy. The IEEE and ACM student chapters conduct workshops, seminars and boot camps on emerging technologies. The Tech Society conducts coding competitions on popular and emerging languages and frameworks, organized peer learning sessions and tech talks by industry leaders.
- The objective of Cult Society is to discover and promote innate talent among the students. There are a number of clubs under the Society with specific focus to promote values and interests of an individual. These clubs are Art & Movie Club, Natyakala (the Dramatics club), Photo-geeks (the Photography club) and the Debating Club. The Cultural Society organizes competitions and events like VIBES, OCTAVES, singing competition, ROCKATHON (rock band competition) and Photography Competitions. Our students are regular participants in Rahagiri events in Bhubaneswar.
- The Sports Society promotes the sporting spirit among the students by Society conducts training camps and competitions in Cricket, Basketball, Lawn Tennis and Volleyball. The Institute teams regularly participate in Inter-college competitions and have won many tournaments. The Society also organizes indoor events such as carom, chess and table tennis tournaments. The Society organizes theme based mini marathon. The recent marathon had the theme Adversities of Women in India.
- The News and Publications Society presents the students with an opportunity to hone their writing skills and oratory proficiency. The NAPS organizes Inter-college MUN (Model United Nations) where students from various colleges across the country turn up. The Society organizes theme based Quizzing competitions. One such competition is Super Hero Quiz Competition. The objective of the E-cell is to encourage the entrepreneurial spirit of the students, educate them about the major challenges faced in any entrepreneurial scenario and help them adapt to the diversities of the cutthroat environment. The Cell conducts workshops, speaker sessions, innovative games, and debates to encourage aspiring entrepreneurs. The Cell is a part of National Entrepreneurship Network (NEN). This society conducts B-plan competitions in order to help aspiring entrepreneurs to become successful start-up entrepreneurs.



Virtual Instrumentation Lab:

This Lab focusses on Real Time Speech Processing and Real Time Image Processing. The Lab uses tools such as Labview, Xilinx Mentor Graphics

Mobile App Development Lab:

The Institute has to its credits in establishing labs to train students in mobile development techniques. There are labs to develop apps in iOS, Android and Windows.

Big Data Lab:

The Big Data Lab uses an open source tools such as Hadoop, HBase, Hive, Zookeeper, Flume, and Pig. This lab is used for research, student projects and consulting.

Analytics Lab:

The analytics labs are dedicated towards the developing tools and techniques for analysing large data. Our specific emphasis is laid upon to develop parallel algorithms to address analytics in big-data.

Characterization Lab:

The proposed Characterization lab would be the first of its kind in the eastern region of the nation. The laboratory once established, can provide facilities for chip testing. Although the chip designing has reached an appreciable stage in the State, the chip testing facility is not available. The Characterization Laboratory will also provide a common facility to local IT entrepreneurs, students and research scholars as well, and such a facility will attract more IT investors to the State.

High Performance Computing (HPC) Lab:

The HPC in the Institute has one master node, 12 compute nodes and a GPU node. The HPC has 256 compute cores and a GPU processor. The HPC has the following software: Cluster management, Intel cluster studio, PBS pro software or equivalent, PGI toolkit with CUDA programming toolkit on Linux(for GPU node), support PGI C++/ FORTRAN. The HPC runs in Redhat Linux. The system is primarily used for research and consulting. The parallel programming courses in M.TECH uses this system.



Research Labs



At a Glimpse...

- ◆ **Virtual Instrumentation Lab**
- ◆ **Mobile App Development Lab**
- ◆ **Big Data Lab**
- ◆ **Analytics Lab**
- ◆ **Characterization Lab**
- ◆ **High Performance Computing (HPC) Lab**
- ◆ **Bio-Informatics Lab**
- ◆ **Information Security and Forensic Lab**
- ◆ **Cross-Lingual- Information-Access (CLIA) Lab**

Bio-Informatics Lab:

A Bio-Informatics lab in the Department of CS&E granted by the Department of Science and Technology, Government of India has been set up. The DST has identified CS&E department for support in Level-1 category on the recommendation of first advisory board. A sum of rupees fifty lacks has been allocated for the purpose under FIST-DST-2013 GRANT.

Information Security and Forensic Lab:

This lab supports capacity building in the area of Information Security. The primary areas of focus include Generation of core research manpower to undertake basic/fundamental/applied research in information security, introduction of Information Security to the curriculum of formal courses, Technology Forecast & Assessment, and creation of a National Repository of courses. This Lab is supported by Department of Electronics and Information Technology, Government of India.

Cross-Lingual- Information-Access (CLIA) Lab :

Sandhan (Indian language Search Engine) is a mission mode project funded by TDIL, Ministry of Communication & Information Technology, and Government of India. Its main objective is to develop a mono lingual search system for tourism domain in nine Indian languages including Odia. It is a consortium mode project consisting of various institutes like: IITs, IIITs and other Institutes. The Sandhan system enables searching Indian language content and thus address the gap that exists in fulfilling the information need of the huge Indian population not conversant with English.



Academics

The curriculum is designed to develop a student in the following ways:

Develop Scientific Temper

The curriculum attempts to questioning, observing, testing, hypothesizing, analysing, and communicating skills necessary in scientific temper. The students are encouraged to develop healthy scepticism, universalism, freedom from prejudice or bias, objectivity, open mindedness and humility, willingness to suspend judgment without sufficient evidence, rationality, perseverance and positive approach to failure.



Cultivate Engineering and Technology Mindset

The curriculum attempts to instil analysis and synthesis skills among the students. These skills are necessary for problem solving and design products and solutions with consideration for simplicity, usability, timely delivery and cost considerations.

Understand the Application Environment

The curriculum helps the students to appreciate the environment in which they will apply their skills. The students learn to appreciate the protocols, challenges and merits of organizational, societal, economic and political environments.

Become a Professional

The curriculum and the campus life helps students in becoming professional by developing high degree of Integrity, developing Self Awareness, being committed, learning to engage in a positive debate, asking questions, being a intent listener, being transparent and being articulate. Develop Multiple intelligence: The curriculum and the campus life helps students in developing multiple intelligence such as literary, musical, kinaesthetic, interpersonal and intrapersonal abilities.

Be Sensitive to Society and Environment

While the students are guided towards higher aspirations for a corporate career or an entrepreneur, they are also made sensitive to the society and the environment.



The Institute has adopted innovations in pedagogy. Flipped classroom is being practiced in many courses where the lectures are delivered off line and in the class the students engage in questioning, presenting, and problem solving. Many courses practice project based learning where the students are encouraged to design a project or a solution for a practical problem.

The Curriculum is designed to deliver Common Courses, Compulsory Disciplinary Courses, Elective courses and internship. In the First Year, Students are introduced to a wide range of common courses that set the foundation for the more branch-intensive courses to come. The second and third years are academically the most concentrated and rigorous years of the curriculum. Students are taught their Compulsory Disciplinary Courses which go in depth and explore the finer points of the branch of their choice. Laboratory courses are more intensive than ever with numerous evaluation components to complement the lecture classes. Projects and design assignments test the application skills of each student. The students take up discipline electives as well as humanities and open electives which give them an all round and holistic development.

In the first semester of the fourth year, more electives are offered to the students and the students spend the final semester as an intern in an organization. An integral part of academics is Practice school or internship. The program is spread five & half months and consists of the most extensive exposure in an industrial environment. In lieu of the Practice School, students can also opt for the Thesis Programme (Dissertation for higher degree). The thesis programme is an integral part of our academic structure and gives students a chance to understand the challenges of working in a research setting.



Bachelor of Technology in Computer Science and Engineering



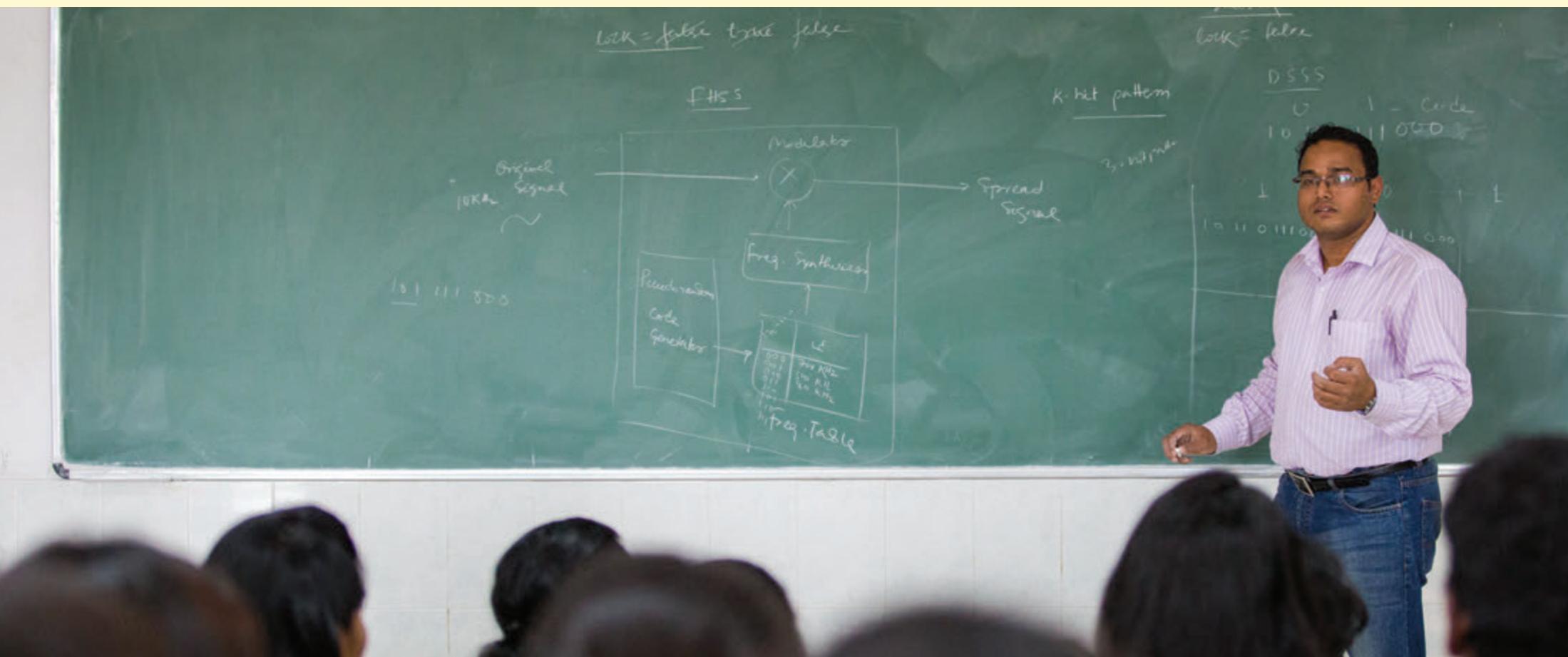
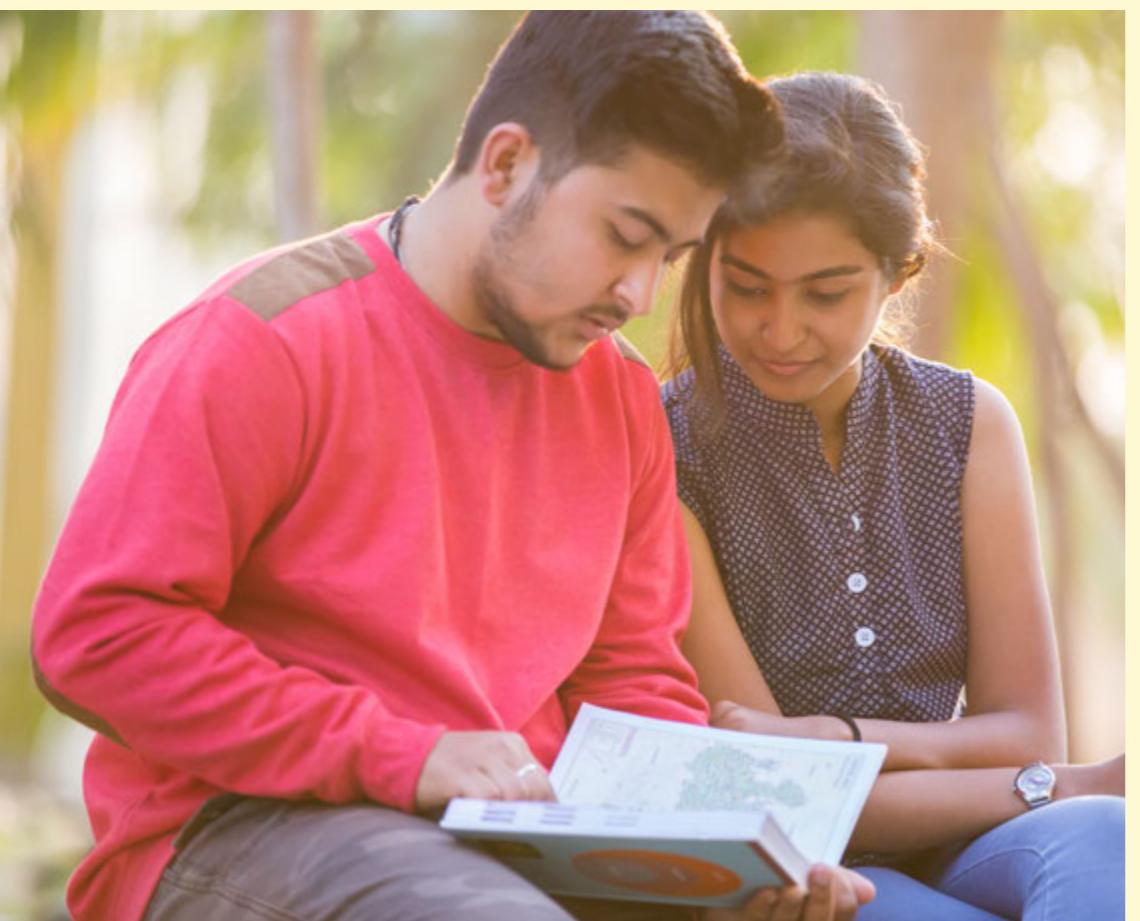
Theory Courses		Lab Courses
• C	• Design and Analysis of Algorithms	• Programming languages and Algorithms Lab
• C++	• Software Testing	• Computer Networking Lab
• Java	• Principle of Programming Languages	• Image Processing Lab
• Database Engineering	• Operating Systems	• Database Engg. Lab
• Compiler Design	• E-Commerce	• Design and Analysis of Algorithms
• Systems Programming	• Artificial Intelligence	• Computer Architecture Lab
• Computer Organization	• Theory of Computation	• Computer Organization
• Software Engineering	• Principles of Soft Computing	• Operating Systems Lab
• Real Time Testing	• Cryptography & Network Security	
• Computer Graphics	• Microprocessor and Microcontrollers	
• Advanced Computer Architecture	• Data Communication and Computer Networks	
	• Data Warehousing and Data Mining	

The curriculum of Computer Science Engineering is a combination of three categories of courses. These are Foundation courses, Departmental courses and Elective courses. The Foundation courses are common to all disciplines and aim at strengthening the scientific and mathematical foundation of a student. To provide an extended view of engineering we have included courses from a broad range of engineering disciplines in the Foundation Courses. The departmental course includes the core subjects in computer science and IT. The electives offer opportunity to an individual to explore his/her interests in broader directions.

Increasing the effectiveness of the learning procedure has always been one of our goals. For a better learning experience, our faculty members constantly strive to update the curriculum and delivery methods.



Bachelor of Technology in Electronics and Telecommunication Engineering



Theory Courses

- C
 - C++
 - Java
 - Basic Electronics
 - Analog Electronics
 - Mobile Computing
 - Microprocessors
 - Signal and Systems
 - Operating Systems
 - VLSI Design
 - Analog Signal Processing
 - Digital Signal Processing
 - Microcontrollers' Applications
- Electrical and Electronic Measurement
 - Control Systems Engineering
 - Analog Communication Techniques
 - Electronic Devices and Modelling
 - Database Management Systems
 - Digital Communication Techniques
 - Antennas and wave Propagation
 - Information Theory and Coding
 - Advanced Electronic Circuits
 - Robotics and Robot Applications
 - Computer System Architecture
 - Energy Conversation Devices
 - Computer Networks and Data Communication

Lab Courses

- C
- C++
- Data Structure
- Network Devices
- Analog and digital Electronic Lab
- Energy Conversation Devices Lab
- Electrical and Electronic - Measurements Lab
- Control and Instrumentation Lab
- Microprocessor Lab
- Analog Communication Lab
- Analog and digital Electronic Lab
- Communication Engineering Lab
- Microwave Lab
- VLSI Lab
- Digital Communications Lab
- Digital Signal Processing Lab

The curriculum of Electronics and Telecommunication Engineering is a combination of three categories of courses. These are:

- Foundation courses
- Departmental courses
- Elective courses

The Foundation courses are common to all disciplines and aims at strengthening the scientific and mathematical foundation of a student. To provide an extended view of engineering we have included courses from a broad range of engineering disciplines.

The Departmental courses include the core subjects in Electronics and Telecomm engineering. The electives offer opportunity to an individual to explore his/her interests in broader directions.

Integrating industry relevant tools and techniques has always been one of our goals. The faculty in ETC department constantly strive towards the industry orientation of the curriculum. Newer labs integrating software tools, hardware tools are an effort in this direction.



Bachelor of Technology in Electrical and Electronics Engineering



Electrical and Electronics Engineering is a combination of three categories of courses. These are:

- Foundation courses
- Departmental courses
- Elective courses

The foundation courses which are common to all departments strengthen the scientific, mathematical foundation and programming fundamentals. They also include courses from a broad range of engineering disciplines to provide an extended view of the engineering discipline. The departmental courses include core subjects in Electrical and Electronics Engineering. The electives offer an opportunity to explore ones interest in broader directions.

The faculty in EEE department constantly strive to industry orientation of the curriculum by integration of Industry relevant tools and techniques. Newer labs integrating software tools, hardware tools are an effort in this direction.

Theory Courses	Lab Courses
• C	• C
• C++	• C++
• Data Structures in C	• Data structures in C
• Network Theory	• Control Systems Lab
• Electrical Machines	• Measurements Lab
• Electrical and Electronics Measurements	• Analog and Digital Electronic Lab
• Analog Electronics Circuit	• Machine Lab
• Digital Electronics Circuit	• Basic Electrical lab
• Electromagnetic Waves	• Power systems Lab
• DBMS/Java/Numerical Methods	• Electrical and Electronics Lab
• Power Electronics	• Network Devices Lab
• Renewable Energy Systems	• Power Electronics Lab
• Control Systems	• Microprocessor Lab
• Digital Signal Processing	
• Communication Engineering	
• Robotics and Robot Application	
• Computer Networks	
• Operating Systems	
• Electrical Power Transmission and Development	
• Embedded Systems	
• Digital Image Processing	
• Satellite Communication Systems	
• Soft Computing /VLSI Design/ Industrial Automation and Control	
• Microprocessors and Microcontrollers	
• Industrial Process and Dynamics	



Bachelor of Technology in Information Technology

Theory Courses		Lab Courses
• C	• Digital Electronics Circuit	• Computer Networking Lab
• C++	• Analog Electronics Circuit	• Image Processing Lab
• Java	• Internet and Web Technology	• Database Engg. Lab
• Database Engineering	• Java programming	• Computer Architecture Lab
• Design and Analysis of Algorithms	• Principle of Programming	• Operating Systems Lab
• Organisational Behaviour or Engg.Economics & Costing	• Optimization Engg. or Principles of Management	• Programming Languages and Algorithms Lab
• Systems Programming	• Software Engineering	
• Computer Organization	• Microprocessor and Microcontrollers	
• Theory of Computation	• E-Commerce	
• Ubiquitous Computing	• Compiler Design	
• Mathematics	• Principles of Soft Computing	
• Physics	• Artificial Intelligence	
• Chemistry	• Real Time Testing	
• Basic Electronics	• Software Testing	
• Basic Electrical Engg.	• Cryptography & Network Security	
• Thermodynamics	• Computer Graphics	
• Mechanics	• Advance Computer Architecture	
• Object Oriented Programming	• English Communication Skills	
• Data Communication & Computer Networks	• Operating Systems	



Information Technology is a combination of three categories of courses. These are:

- Foundation courses
- Departmental courses
- Elective courses

The curriculum of Information Technology is a combination of three categories of courses. These are Foundation courses, Departmental courses and Elective courses. The Foundation courses are common to all disciplines and aim at strengthening the scientific and mathematical foundation of a student. To provide an extended view of engineering we have included courses from a broad range of engineering disciplines in the Foundation Courses. The departmental course includes the core subjects in Computer Science and IT. The electives offer opportunity to an individual to explore his/her interests in broader directions. Increasing the effectiveness of the learning procedure has always been one of our goals. For a better learning experience, our faculty members constantly strive to update the curriculum and delivery methods.

Master of Technology in Computer Science and Engineering



The foundation courses which are common to all departments strengthen the scientific, mathematical foundation and programming fundamentals. They also include courses from a broad range of engineering disciplines to provide an extended view of the engineering discipline. The departmental courses include core subjects in Electrical and Electronics Engineering. The electives offer an opportunity to explore ones interest in broader directions.

The faculty in EEE department constantly strive to industry orientation of the curriculum by integration of Industry relevant tools and techniques. Newer labs integrating software tools, hardware tools are an effort in this direction.



Theory Courses

- Advanced Computer Network
- Bio-Informatics
- Advanced data Mining
- Software Engineering
- Mobile Computing
- Mathematical foundations of Computer Science
- machine Learning
- Business Functions and process
- Advanced Database Management Systems
- Parallel and Distributed Computing
- Enterprise resource planning
- Information theory and Coding
- Information Retrieval
- Mobile Ad Hoc Network
- Document imaging and pattern Analysis
- Design and Analysis of Algorithm
- object oriented programming with Java
- Advanced Computer Architecture and Operating system

Lab Courses

- Algorithms Lab
- Programming Lab
- Software engineering Lab
- Network Lab

Master of Technology in Communication Engineering and Signal Processing (CESP)

Theory Courses

- | | |
|---|--|
| • Linear Systems Theory | • Microwave and Antenna Engineering |
| • Advanced Digital Communication | • Adaptive Signal Processing |
| • Advanced Digital Signal Processing | • Audio and Speech Processing |
| • Estimation and Detection | • DSP Algorithms and Architectures |
| • Optical Communication | • Biomedical Signal Processing |
| • Mathematics for Communication Engineering | • Spread Spectrum and CDMA Systems |
| • Wireless Communication | • Image and Video Processing |
| • Wavelets Theory | • Statistical Signal Processing |
| • Information Theory and Coding | • Machine Learning and Soft Computing Techniques |

This programme emphasizes on both the areas of Communication Engineering and Signal processing. The Institute has been offering M.Tech. programme in Communication Engineering and Signal Processing from the year 2015. This programme emphasizes on both the areas of Communication Engineering and Signal processing. Communication Engineering and Signal Processing applications have been rapidly growing and evolving over the past few years. Both Signal Processing and Communication techniques are widely used in many electronics equipment such as cellular telephones, mobile applications, satellites televisions etc. This course will enable the students in development and deployment of various signal processing related techniques in the latest 3G and 4G communication systems and architectures. Apart from the theoretical knowledge, students will have exposure to work in individual project which will help them to model, optimize and integrate a system. This course will also work as a stepping stone to pursue their higher studies in the related domain.



Ph.D. Programme

The Institute has been offering doctoral programmes from the year 2015. The objective of this program is to develop professionals for Academics and Research.



Research Areas for Ph.D.

MIMO Wireless Communication,
Adaptive Power Quality Estimation,
System Identification,
Array Signal Processing,
Biomedical Signal Processing,
Optical Communication,
Free Space Optics,
Digital Image Processing,
Architectures for Signal and Image Processing Algorithms.

Research fields under Mechanical Engineering

Triple fluid heat exchanger
Combustion and emissions analysis of HCCI engines

Research fields under Computer Science & Engineering

Information security
Image and video processing
Data mining
Information retrieval
Mobile computing
Big data
ERP
Bio informatics

Research fields under Basic Sciences and Humanities

Asian Shakespeare Studies
Translation Studies
Optimization Technique
Functional Analysis
Numerical Analysis
Quantum Computation
Organic Polymer



Faculty

The Faculty members form critical pillars for success of the Institute. They are keen researchers, suave consultants, student mentors and energetic institution builders. They combine their knowledge and skills in research, teaching, and industry practices to develop curriculum and deliver it in an effective way.

They may be researchers, scholars or consultants, but in the classroom, they are people who love teaching and do it with passion. Whatever be their area of interest, the students learn from the finest minds. The faculty are responsible for the success and excellence of our Institute. They make themselves available for after class discussions and devote long hours to be advisors and guides to student teams. They work in collaboration with various Institutes of repute and the industry for research, consulting and training.

The Institute sets the bar high while recruiting its faculty. Most of them have a Doctoral Degree and the others are on the verge of acquiring one. The Institute also has various programmes for faculty development such as research and publication incentives, mandatory training, exchange programmes with universities abroad, exposure to industry practices etc.



Students and Student Societies

The Institute offers an extraordinary environment for its students. Staff, faculty and students share an intimate relationship. The diversity and rich mix of experience, background and culture, coupled with shared traits of talent and high aspiration, produces an inspirational vitality and enriches learning inside and outside the classroom. A high level of interaction among the students, faculty and corporate visitors is a way of life here in the Institute. Classroom learning combined with an exposure to the industry practices ensures that the students are well prepared for their life after graduating from the institute.

Being a residential campus, the Institute offers multiple avenues for learning. The students learn in class room and beyond the class room, from the curriculum and beyond the curriculum, from teachers and also from peers. The learning is not limited to skills and knowledge. Students are encouraged to develop competencies, professionalism, sensitivity to society and environment. The Institute encourages students to aspire, perspire and inspire. Having higher aspiration helps them to setting a professional and life goals and begin their journey towards realising their aspirations.

The students are also taught the merits of hard work, which helps them to realise their dreams. The students are taught to be inspired by and be inspiring to others. The students forge deep and lasting friendships during their stay in the Institute. In the company of other bright, young, aspiring minds, the quality of life as well as learning is enhanced. As members of this vibrant community, the students evolve into bright, well-groomed professionals who aim to make the world a better and more comfortable place to live in.



Sports Society

Being one of the most active societies of the institute, the sports society invokes the enthusiasm of the hidden sports person in the individuals unleashing their true potential in various indoor and outdoor sporting activities. The training classes organized in Basketball, lawn tennis, volleyball, football, cricket is the prominent features of this society. Each coming year brings myriad sporting events and inter-branch competitions wherein an excellent performance rate is manifested by the students as well as the institute itself. The Society also organizes indoor events like chess, carom and table tennis tournaments. The Institute teams regularly participate in Inter-College competitions and have won many competitions.

E-Cell

E-cell is a non-profit organization run by the students of IIIT-Bh. The objective of the E-cell is to encourage the entrepreneurial spirit of the students, educate them about the major challenges faced in any entrepreneurial scenario and help them adapt to the diversities of cut throat environment. Various events such as workshops, eminent speaker sessions, innovative games, and debates are conducted to encourage aspiring entrepreneurs. The E-Cell of IIIT Bhubaneswar is a part of National Entrepreneurship Network (NEN). This society conducts several B-plan competitions. The recent workshops include the famous workshops conducted by E-Cell, IIT B; E-Cell, IIT Kharagpur to name a few.

NAPS Society

The News and Publications Society, IIIT Bhubaneswar reports all the events conducted throughout an academic year and is a forum for students to enhance their literary skills. A NAP, as they are known, organizes various debates, quizzes and speeches throughout the year. Inculcated in it is a Debate Society, also known as DEBSOC, which regularly conducts debates. Till date, this society has successfully conducted 4-5 debates per semester, which have always been

attended by many students. It also has organized MUNs (Model United Nations) in the past and have planned to organize the first ever Literary Fest of IIIT Bhubaneswar, comprising of events like Mood Court, Mock CID, Courtroom Trial, Puzzle Room, Debates and 2various other events. The News and Publications Society thus provides students with a platform to enhance themselves and inspire them to become better debaters, writers and orators..

Adviata

ADVAITA is the institute's annual

techno-cult fest which brings in students from all over India. The four day grand event consists of broad range of technical competitions, rock bands events (ROCKATHON) from various colleges, literary events, cultural performances and many other buster events. The technical horde consists of the much awaited Technova, Dirt Rush, Online Coding contests among the students from many reputed colleges while the Cultural events boasts of debating competitions, literary quizzing and much more. Other events include LAMODE which is another much anticipated fashion event in the institute, the energetic dance competition FOOTLOOSE. Celebrity Night is the biggest attraction of ADVAITA where a famed star performs among a huge crowd.



Film and Theatre Club

The society consists of budding actors, script writers, dramatists, producers and directors who love to reel the real. It hosts several fun events like dumb charades, Bollywood quizzes and antaksharis which create a perfect blend with the competitive coding culture of the campus.

The theatre group Aakansh staged its famous act on terrorism, and domestic abuse on 'Raahgiri' which raised awareness and received much appreciation among the masses.



Cult Society

The objective of Cultural Society is to discover and promote innate talent among the students. There are a number of clubs under the Society with specific focus to promote values and interests of an individual. These include Art & Movie Club, Aakansh (the Dramatics club), Photo-geeks (the Photography club) and the DEBSOC (Debating Club).

The cultural society organizes various competitions and events like VIBES, OCTAVES, singing competitions, dancing competitions, Rockathon, photography competitions, fashion shows including the fresher's welcome party Nebulae and several festive nights.

Tech Society

The objective of the Tech Society is to promote and encourage technical innovation. The Society provides a platform for the students to learn beyond the classroom periphery. The society regularly conducts model workshops, technical seminars, training courses and competitions. The Society conducts Leadership seminars which are addressed by the leaders from the Industry. Technotronics, a satellite club of the society has actively conducted workshops on HTML-5, Arduino, Microcontroller, Ruby on rails, underwater robotics etc in past and is still persistent in its endeavours.

IEEE & ACM Student Chapters

The IEEE chapter of the institute conducts seminars, workshops under the aegis of IEEE. Also, it has been providing students with an opportunity to present their research papers and get them published. The ACM student chapter, nominated as the second best student chapter of the country is also one of the most active chapters of the college. Working on the ideology of "beyond the curriculum", ACM has been actively organizing lectures in form of boot camps over different aspects of computer science.

Awards and Accolades

The Institute conducts a number of contests and competitions to foster a spirit of competitiveness among the students. The students are encouraged to participate in the well-known tech-fests and cultural fests in the country. The students have been consistently participating in such contests in large numbers and have been winning these contests.



Smart India Hackathon 2017

Smart India Hackathon 2017 was organised by the Government of India. A total of 4 teams were selected from IIIT Bhubaneswar in 4 different nodal centres under various ministries. Out of them, the team Pied Piper secured the 1st Position (Prize Money of Rs. 1,00,000/-) in the finale organised by Ministry of Earth Sciences at Chennai and the team Web Samaritans secured the 2nd Runner up position (Prize Money of Rs. 50,000/-) in the finale organised by National Commission for Protection of Child Rights at Bhopal.

Mega Coding Event- Kronothon 2017

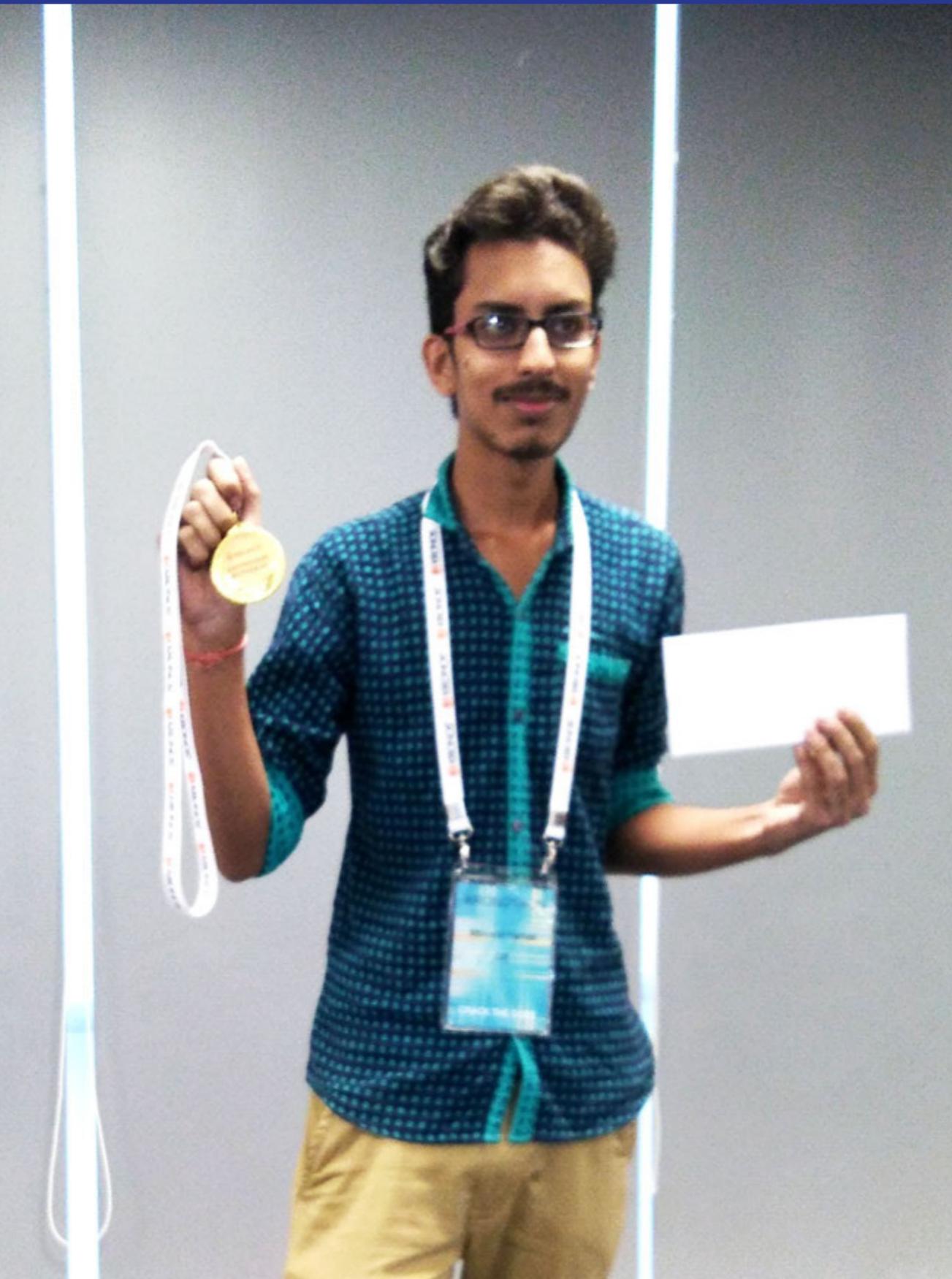
KRONOS Solutions India Pvt. Ltd has conducted "KRONOTHON", a programming-focused challenge and Final Hackathon was organized at Kronos, Noida Office for top 100 Coders. Shivank Pathak (B416045) of IIIT Bhubaneswar participated in the Final Hackathon Contest and was amongst the top Five Coders and won a Prize Money of Rs. 25,000/-

Google Summer of Code 2016

Sambeet Panigrahi worked with Joel Sherill , Gedare Bloom and Thomas Roehr under the project "Porting Rock to RTEMS (Real Time Executive for multiprocessor Systems)". Ashish Panda worked on Python Language under a library called MNE designed for processing Electro Encephalo Graphy (EEG) and Magneto Encephalo Graphy (MEG) data providing comprehensive tools.

Indian Academy of Sciences Fellowship

Ashutosh Das of CSE branch successfully completed his summer research fellowship organized by the Indian Academy of Sciences from IIT, Ropar.



Android App Showcase by Google Bangalore

Minerva Panda was invited for showcasing her app based on the concept of health literacy 'Sushruta' in the Android app expo in association with Google Developers Group Bangalore. There she presented her android app prototype on Health Literacy for Rural India .

Snapdeal SmartE Challenge

Dibyajyoti Panda and Mriganka Mohapatra were the part of the winner team in the Snapdeal SmartE challenge in association with NEN (National Entrepreneurship Network) among participations from 650+ teams.

Placement Procedure for Companies

- 1.** The Placement Office sends invitations to companies/organizations along with relevant information.
- 2.** The Company/ Organization sends in a JAF (Job Announcement Form) containing details of the job offer (pay package, place of posting, allowances and other bonuses). JAFs can be sent either by post or email to Placement Cell (placement@iiit-bh.ac.in).
- 3.** If the company/ organization wish to conduct a Pre-Placement Talk (PPT) they can send a request along with the preferred dates.
- 4.** The JAF is made available online to the students, along with any other information furnished by company organization.
- 5.** Placement Office allots dates to companies for campus interviews based on various details given by companies. The company/ organization confirms the dates with the Placement Office.
- 6.** Interested students show their willingness to appear for the recruitment process of a company by signing its JAF.
- 7.** Companies can view resumes of interested and shortlisted students.
- 8.** Companies come down to the campus on the allotted date/s and conduct tests and/or interviews according to their recruitment process.
- 9.** The company/ organization is required to furnish the final list of students preferably on the date of interview.

Note: The placement office records jobs corresponding to the students selected. Students once placed may not be allowed to appear for other interviews as per the Institute placement policy.

* The Job Announcement Form provides the primary basis of communicating the details of the positions offered to the candidates. It is therefore, highly desirable that the Form is completed in all respects and it would be advantageous if it were accompanied by relevant company literature with more details about the company.

Our Past Recruiters



Bhubaneswar

Bhubaneswar is the capital of Odisha. Located on the eastern coast, it has a rich heritage. The city is known for innumerable temples, Buddhist caves, Handloom and Handicrafts. It is a modern and well planned city which has been growing rapidly due to growth of IT, Mining and the establishment of Institutes imparting professional education. Leading IT majors like Infosys, Tech Mahindra, TCS, Wipro, Mindtree have development centres in Bhubaneswar. The city hosts smaller IT companies such as NetHawk, EXILANT, ESS and Aabsys. Many more reputed IT companies are in the process of setting up of their units.



Reaching Bhubaneswar

Bhubaneshwar is well connected through Rail, Road and Air Networks.

Air-ways: Bhubaneshwar is well linked by air to important cities of the country. IndiGo, GoAir, Air India and Vistara are the domestic airline carriers providing services to Bangalore, Chennai, Delhi, Kolkata, Mumbai, and Visakhapatnam. The airport is about 15km from the Institute.

Rail-ways: Trains connect Bhubaneswar with other major cities of India. A major railhead on the East Coast (E Co) Railway, it has fast and superfast train links to important centres of the country as well as within the state. The station is located in the centre of town which is about 17km from the Institute.

Road-ways: Bhubaneswar is well linked to the rest of the country by the national highways. The New Bus Stand in Bhubaneswar is on NH5, at Baramunda, about 8km from the Institute.

Stay: There is a wide range of accommodation and stay options available at Bhubaneswar ranging from economy and budget lodgings to the luxury ones, that are located at the most convenient and easily accessible places in and around the city.

Our Hospitality: The Institute takes care in providing accommodation required for the corporate officials who come for the placement drive. The companies can prefer to stay in a hotel in the city proper, or in the guest room available in the Institute. As per the requirement, the Institute shall arrange for the stay and travel of the company officials.

Should you require any help in this regard, the Placement Cell would be glad to be of assistance.

Contact us



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