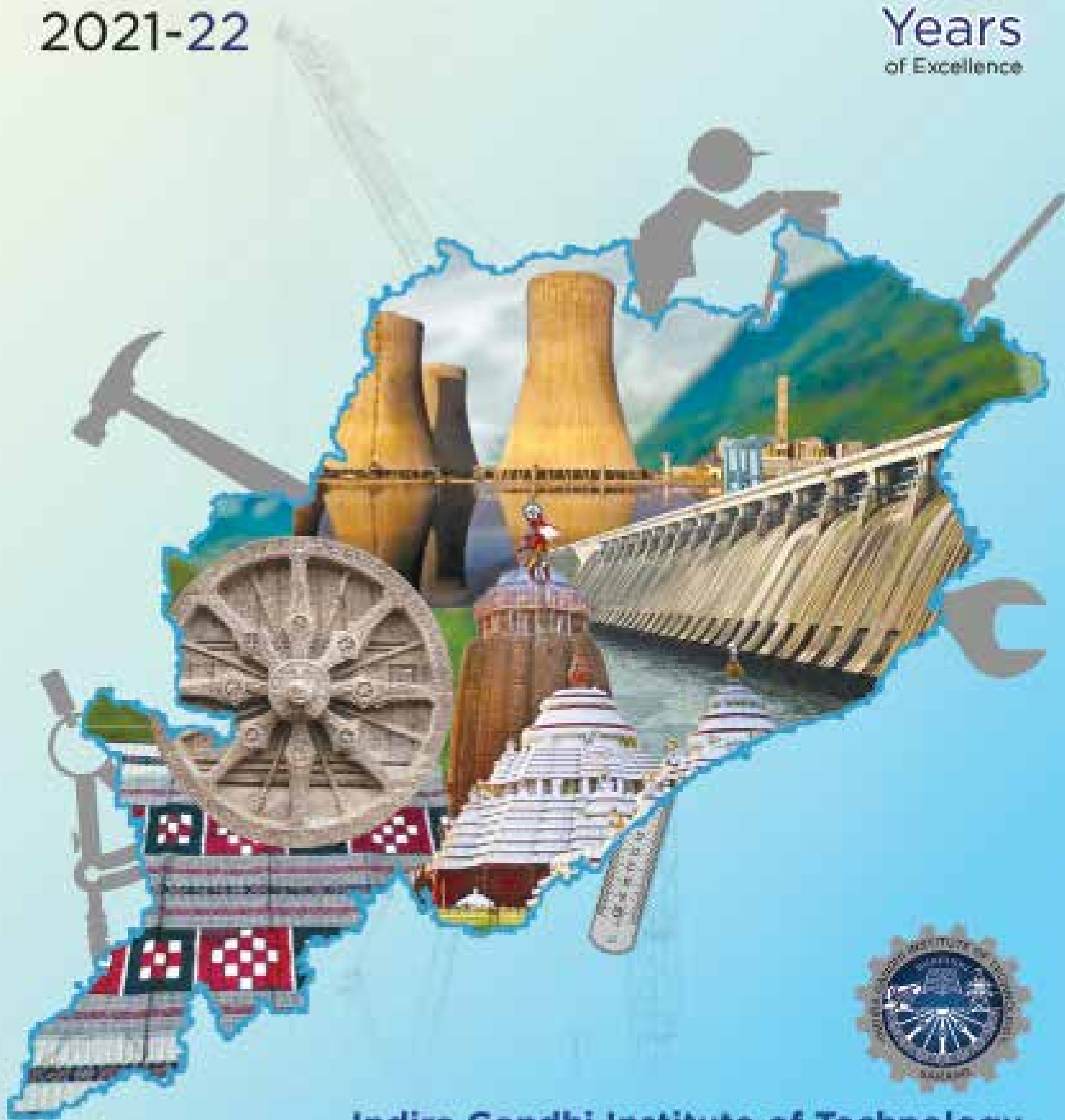


PROSPECTUS

2021-22

39
Years
of Excellence



Indira Gandhi Institute of Technology,

Sarang

An Autonomous Institute of
Government of Odisha

www.igitsarang.ac.in



VISION

To be an academic institution of excellence striving continuously for advancement of technical education and research in service to society.



MISSION

To produce well trained technical graduates with innovative thinking, knowledge and skills to meet the requirement of the changing society.

To foster promote and sustain scientific research in emerging fields of technology with a futuristic outlook.

To establish interactive linkages with leading technological institutions, research centres and industries.

To provide service to the community through continuing education and technology transfer

To Instal in each member of IGIT community the spirit of passion and dedication to work creatively and effectively for betterment of humankind

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1. ABOUT IGIT, SARANG

Indira Gandhi Institute of Technology (IGIT), Sarang was established in the year 1982 and was managed directly by the Govt. of Orissa in the name of Orissa College of Engineering (OCE). Prior to this, since 1981, the institute in the name of Modern Polytechnic (MPT) was offering Diploma Courses in Civil, Electrical, Mechanical, and Mining Survey Engineering. In the year 1987, both OCE & MPT were merged and renamed as IGIT, Sarang and the management was transferred to an Autonomous Society. Presently, the Institute is offering eight Under Graduate Engineering courses of four years namely Civil, Chemical, Electrical, Mechanical, Metallurgical and materials, Electronics & Telecommunication, Computer Science Engg. and Production Engg., one UG B.Arch course of five years, Master in Computer Application of three years, 18 nos. of M.Tech. courses of 2 years and 3 M.Sc. courses of 2 years. In addition to the above courses, Diploma Courses of three years in Civil, Electrical, Electronics & Telecommunication, Mechanical and Metallurgical Engineering is also offered by the Institute. IGIT, Sarang has been recognised as the Centre of Excellence in the field of engineering research by Utkal University, Vani Vihar, Bhubaneswar, Odisha.

The Institute is spread over an integrated campus covering 179 acres of land encompassing hostels, staff quarters and a sprawling playground (Dr. M. P. Mishra memorial stadium) with basketball, volleyball and badminton courts. In addition to this, with the Govt. approval, a proposal has been submitted to District authorities for further alienation of 200 acres of Govt. land in front of the Institute for its further expansion. The institute has central infrastructural facilities like Central Library, Central Computer Centre, Central Workshop, Knowledge Centre, 8 nos. of student hostels and other amenities such as SBI (Core Bank facilities), Guest House, Hospital, Post Office, Canteen, Students and Employees Cooperative Consumer stores, different clubs, Telephone Exchange, Mobile tower and a High School in the campus. Internet facility is provided to the institute through NKN with 100 mbps project and 10 mbps lease line from BSNL. Wi-Fi Connectivity is being provided (24x7) to the institute & hostels.

There are thirteen Academic Departments, well equipped with highly qualified faculty and laboratories. The research activities of the institute are at par with any other leading institute of the State and the Country. The faculty members are well in touch with the advancement in modern technology around the world. Every year, more than 50 nos. of research papers are published in journals and Conferences of National and International repute. 25 nos. of Ph.Ds have so far been produced in different departments. National Conferences / Short term courses are organized in the institute in collaboration with IE / ISTE / AICTE. People across the country and outside are always in touch with our faculty in connection with technical research and consultancy. Quite a good number of our alumni are excelling in their field across the world.

Within a short span of three decades, the institute has grown up to the National level academically. This is the first Govt. Engg. college in the state to have accreditation from NBA (AICTE) because of its academic excellence. Currently, six departments are accredited by NBA and the Dept. of Architecture is approved by Council of Architecture, New Delhi. In the Year 2017-18 UGC has conferred the status of Autonomy to the Institute.

The serene atmosphere at Sarang offers the students optimum opportunity to concentrate on studies. Priority is given through routine curricular programmes towards improvement of practical knowledge. In order to provide complete exposure to industrial practices, the students are taken to nearby industrial organisations such as NALCO, N.T.P.C./T.T.P.S., M.C.L., N.T.P.C., Rengali Dam Project, Samal Barrage, Heavy Water Project, Bhusan Steel & Strips, Rana Sponge, Nav Bharat Ferro Alloys, Jindal Steel & Powers Ltd. etc. on weekends and holidays. Industrial visits for the students are also arranged to places of industrial importance

such as Rourkela, Kansbahal, Sunabeda, Burla, Hirakud, Paradeep and Industrial Estate, Bhubaneswar etc. Every effort is being made to improve various dimensions of student's personalities by conducting regular cultural programmes, technical exercises, athletics, games and other co-curricular activities.

Campus selection of students are being conducted regularly by reputed firms like INFOSYS, Tata Consultancy Services, Larsen & Turbo Ltd. (Information Technology), defence services and Tata Refractories Ltd., Vedanta Alumina, Bhusan Steel & Strips Ltd., Kanbay, Wipro, Matas Sritech, Tari Harish, I-Flex Solution, Utkal Alumina, Visa Steel , Ananda Auto etc.

2. DIRECTOR AND OFFICIALS

DIRECTOR	Dr. Satyabrata Mohanta	
ADMINISTRATION		
Dean (Academic/Exam)	Dr. P.K. Pani , Prof. Civil. Engg.	
Dean (Planning Development)	Dr. S.C. Pattnaik , Prof. Mett. & Mat. Engg.	
Dean (Students' Welfare)	Dr. B.D. Sahoo , Prof Mech. Engg.	
Dean (FARC)	Dr. S.K. Senapati , Prof. Mech. Engg.	
Dean PGS&R	Dr. B.P. Panigrahi , Prof. Elect. Engg.	
Dean Grievance Cell, (OMBUDSMAN)	Dr. S.K. Senapati , Prof. Mech. Engg.	
Chairman (Women Harassment Cell)	Dr. (Mrs.) Urmila Bhanja , Asst. Prof. ETC Engg.	
Warden of Hostels	Dr. R. Behera , Asso. Prof. Elect. Engg.	
Professor, Trg. and Placement	Dr. B.B. Choudhury , Asso. Prof. Mech Engg.	
Registrar	Mr. R.N. Majhi , OAS(S)	
Deputy Registrar	Dr. Debiprasad Pany , Ph.D.	
Accounts Officer I/C	Mr. G.N. Panigrahi	
P. A. to Director I/C	Mr. K.C Pal	
LIBRARY		
Prof-in-Charge	Dr. Debajyoti Mishra , Asso. Prof ETC.	
Librarian	Dr. Srinivas Padhi , Ph.D.	
WORKSHOP		
Workshop Superintendent	Dr. B. D. Sahoo , Prof. Mech. Engg.	
CONSTRUCTION & MAINTENANCE		
Chairman	Dr. C. R. Sahoo , Asso. Prof. Civil Engg.	
Member	Dr. B.Tripathy , Asst. Prof. Civil Engg.	
Member	Mr. M.Behera , Asst. Prof. Elect.Engg.	
E/M In-charge-Member-Convenor	Mr. Nrusingha Pani , Estate Manager	
DISPENSARY		
Medical Officer	Dr. N.S. Kudada	
COORDINATORS		
AICTE, RUSA	Mr Suraj Kumar Sahoo , Asst. Prof. Civil Engg.	
Coordinator DIPLOMA STREAM	Mr M.P.Behera , Asst. Prof. Electrical	
Coordinator CDTP	Dr B.B.Panda , Asst. Prof. Chemistry	
Coordinator TEQIP	Dr Rabindra Behera , Asso. Prof. Elect. Engg.	
Coordinator SWAYAM-NPTEL	Mr. Brijesh Kumar , Asst. Prof. Elect. Engg.	
HOSTEL ADMINISTRATORS		
HOSTEL	SUPERINTENDENT	ASST. SUPT.
Bhaskar Bhawan	Mr. K.D.Sa Asst. Prof., ETC Engg.	Mr. Brijesh Kumar Asst. Prof. Electrical Engg.
Aryabhatta Bhawan	Mr. B.K. Nayak Asst. Prof. Electrical Engg.	Mr. A.K. Pradhan Asst. Prof. Prod. Engg.
Agni Bhawan	Mr. P.B. Sahoo Asst. Prof. CSE&A	Sri H.S. Dash Asst. Prof. Dept. of Prod. Engg.
Rohini Bhawan	Mrs J. Nayak Asst. Prof. Mech Engg.	Mrs B. Singh Asst. Prof. Mech. Engg.
Prithvi Bhawan	Ms Supriya Sahoo Asst.Prof. Mech. Engg.	Mrs. K. Jena Asst. Prof. Civil. Engg.

Akash Bhawan

Mr. J. Rout
Asst. Prof ETC

Dr. B.Sethi
Asst. Prof. CSE & A
Mr. Ansuman Padhi
Asst. Prof. Mechanical

Surya Bhawan

Mr. Umakanta Mahanta
Asst. Prof. Elect. Engg

Dr A.K. Bhoi
Asst. Prof. Civil. Engg

Bromhos Bhawan

Mr. M. Choudhury
Asst. Prof Elect. Engg.

Mr M. Muni
Asst. Prof. Mech

CULTURAL ASSOCIATION

President

Dr. Satyabrata Mohanta, Director

Advisor

Dr. Maheswar Moharana, Prof. Civil Engg.

Vice- President

Mr P.B.Sahu, Asst. Prof. CSE & A.

Co-Vice President

Dr. R.N.Sethy, Asst.Prof. Mech Engg.

ATHLETIC ASSOCIATION (S.P.E.R.)

President

Dr. Satyabrata Mohanta, Director

Advisor

Dr. S. K. Senapati, Prof. Mech Engg

Vice-President

Mr. J. Majhi, Asst.Prof. Mett. & Mat. Engg.

Co-Vice President

Mr. Himansu Sekhar Dash, Asst. Prof. Prod. Engg.

Physical Training Instructor

Ms Jully Randhari, Asst.Prof. Mech. Engg

Mr. Rajanikanta Mishra, M.P.Ed.

ALUMNI ASSOCIATION

President

Dr. Satyabrata Mohanta, Director

Vice-President

Dr. R.N.Sethy, Asst.Prof. Mech. Engg.

Secretary-cum-Treasurer

Mr. Sandeep Sahoo, Asst.Prof. Mett. & Mat. Engg.

Website of Alumni Association

www.igitalumni.org

AUDIO-VISUAL CLUB

President

Dr. Satyabrata Mohanta, Director

Co. Vice-President

Mrs. Jayashree Nayak, Asst. Prof. Mech.

S.S.G.

President

Dr. Satyabrata Mohanta, Director

Vice-President

Mr. Sandeep Sahoo, Asst. Prof. Mett. & Mat. Engg.

INSTITUTION OF ENGINEERS (INDIA)

IE(I) Co-ordinator & Faculty Advisor,
IGIT Students' Chapter, IE(I)

Mr. B.D. Biswal, Asst.Prof. Elect. Engg.

ISTE CHAPTER

Secretary Faculty Chapter and Faculty Advisor,
IGIT Students Chapter

Dr. Rabindra Behera, Asso. Prof. Elect. Engg.

BOOK BANK

Officer-in-Charge

Dr. S. K. Senapati, Professor, Mech. Engg.

TIME TABLE

Co-Ordinator

Mr. J. Rout, Asst. Prof. ETC

Asst. Co-Ordinator

Mr. Sudhakar Majhi, Asst.Prof.Mech. Engg.

Examination

Controller of Examination (Autonomy)

Dr. C. R. Sahoo, Asso. Prof. Civil Engg.

Deputy Controller of Exam (Autonomy)

Mr. S.R. Pradhan, Asst.Prof. Mech. Engg

CENTRE SUPERINTENDENT

University Exams. (UG & PG)

Dr. S.Sahoo, Asst. Prof. Mett. & Mat. Engg.

Council Exams. (Diploma)

Dr. S.K.Tripathy, Asst. Prof. Physics**ASST. CENTRE SUPERINTENDENT**

University Exam (UG/PG)

Sri R.Murmu, Asst. Prof. Chem Engg**Sri R.Patel**, Asst. Prof. Mech Engg

Council Examinations (Diploma)

Dr. S.K.Patra, Asst.Prof. CSE & A**Sri Kashinath Barik**, Asst.Prof., Chem. Engg.**NCC**

Officer in-Charge

Lt. M.P. Behera, Asst. Prof. Elect. Engg**HEALTH CLUB(Gymnasium)**

Officer in-Charge

Dr. D.K. Behera, Asst.Prof. Mech. Engg.

Asst. Officer in-charge

Mr. Rajanikanta Mishra (PTI)**DATA CENTRE**

Prof. I/C Institute Website

Mr Gaurab Ku Ghosh, Asst. Prof. Mech. Engg.

Internet Administrator & Co-ordinator

Dr. S. N. Mishra, Prof. & Head, CSE & A**Dr. S.K.Patra**, Asst.Prof. CSE & A**Sri S. K. Mansingh**, T.A, Electrical**Dr B.B. Choudhury**, Asso. Prof. Mech. Engg.**CO-ORDINATOR, ROBOTICS****e- Abhijog Cell**

Nodal Officer

Dr. S.Sethi, Asso.Prof. CSE & A**Nodal Officer AISHE****Dr. S.K. Patra**, Asst.Prof. CSE & A**J&K/North Eastern Students**

Nodal Officer

Dr. (Mrs.) Urmila Bhanja, Asso.Prof. Dept of ETC Engg.

3. COURSES OFFERED

1. 4 years Bachelor of Technology Courses:
 - i. Chemical Engineering with 60 admission intake
 - ii. Civil Engineering with 120 admission intake
 - iii. Electrical Engineering with 120 admission intake
 - iv. Mechanical Engineering with 120 admission intake
 - v. Metallurgical and Materials Engineering with 60 admission intake
 - vi. Computer Science Engineering (Under self-finance scheme) with 60 admission intake
 - vii. Electronics & Telecommunication Engineering (Under self-finance scheme) with 60 admission intake
 - viii. Production Engineering with 60 admission intake
2. 5 years Bachelor of Architecture. (30 admission Intake)
3. 2 years Master in Computer Applications (M.C.A.) Course (60 admission Intake)
4. M. Tech Courses :

Specialization

Civil Engineering	<ol style="list-style-type: none">i. Structural Engineeringii. Geo Technical Engineeringiii. Transportation Engineeringiv. Environmental Science & Engineering (PT)
Electrical Engineering	<ol style="list-style-type: none">i. Power System Engineeringii. Energy System Engineeringiii. Power Electronics and Drivesiv. Industrial Power Control and Drives (PT)
Mechanical Engineering	<ol style="list-style-type: none">i. Mechanical System Designii. Production Engineeringiii. Thermal Engineering
Electronics Engineering	<ol style="list-style-type: none">i. Electronics & Telecommunication Engineeringii. Wireless Communication Technology
Computer Sc. & Engineering	<ol style="list-style-type: none">i. Computer Science & Engineeringii. Computer Science & Information Security
Chemical Engineering	<ol style="list-style-type: none">i. Chemical Engineering
Mett. & Materials Engineering	<ol style="list-style-type: none">i. Metallurgical and Materials Engineeringi. Industrial Metallurgy

5. Two years M.Sc. courses in Applied Chemistry, Applied Physics & Applied Mathematics
6. 3 years Diploma Engineering Courses :
 - i. Civil Engineering with 60 admission intake
 - ii. Electrical Engineering with 60 admission intake
 - iii. Electronics & Telecommunication Engineering with 25 admission intake
 - iv. Mechanical Engineering with 60 admission intake
 - v. Metallurgical Engineering with 60 admission intake

Affiliation :

- i. All B. Tech, B.Arch., MCA & M. Tech and M.Sc. Courses are under Autonomy of IGIT Sarang.
- ii. All Diploma Courses are affiliated to State Council for Technical Education & Vocational Training, Odisha, Bhubaneswar

4. DEPARTMENT OF ARCHITECTURE AND PLANNING

Vision

- » The Architecture department is dedicated to educating future generations of ethical professionals, creative designers and informed citizens.

Mission

- » We believe architecture to be a conceptually based intellectual endeavor and a form of critical inquiry that addresses the built and natural environments from the scale of the city to the scale of the detail. The department is committed to producing conceptual thinkers and skilled makers who are versed in the techniques and knowledge of the discipline and who are cognizant of critical theory, history, science and progressive social values. To realize these objectives, design is taught as a critical, speculative and creative endeavor embracing both the humanities and the sciences.
- » To achieve our vision and mission, our decisions and actions are informed by the following seven core values and beliefs:

A. FACULTY MEMBERS

Name and Qualification

1. **Dr. Goutam Kumar Pothal**
(Head of the Department)
Professor, Civil Engineering

ASST. PROFESSOR (CONSOLIDATED):

2. **Ar. Dillip Kumar Baral**,
B.Arch(CET), MTech(SU), Ph.D(Urban planning, Pursuing, VSSUT)
Email_ID:dillip.architect@gmail.com
3. **Ar. Ankita Panda**,
B.Arch (PMCA, CTC), PGPIDMB (Nicmar, Pune)
Email_ID: panda.ankitapanda@gmail.com
4. **Ar. Jyotshna Munday**
B.Arch(NIT), M.Arch, CET
Email_ID: jasana.munday@outlook.com
5. **Mr. Tapas Ranjan Baral**
B.Tech(OEC), M.Tech(IGIT)
Email_ID:tapas1040baral@gmail.com
6. **Miss Sushismita Tripathy**
B.Tech(BPUT), M.Tech(VSSUT)
Email_ID:sushi.tripathy@gmail.com
7. **Mr. ashutosh Tripathi**
B.Arch (PMCA, CTC)
Email_ID: ashootos@gmail.com
8. **Miss Pragnya Bharati Sanbarsa**
B.Arch(NIT), M.Arch (SPA)
Email_ID: pragnyabharati@outlook.com
9. **Mr. Bijay Baibhav Ray**
B.Arch (PMCA, CTC) M.Arch(CET)
Email_ID:bijaybaibhavray@gmail.com
10. **Miss Pritilata Barik**
B.Arch (CET)
Email_ID:priti1994lata@gmail.com

5. DEPARTMENT OF CHEMICAL ENGINEERING

Vision

- » To be recognized among highly ranked Chemical engineering programs of the nation through pursuit of excellence in teaching and research in all sub areas of Chemical engineering and in service to the public.

Mission

- » To produce well trained Chemical Engineering graduates with innovative thinking, knowledge and skills to excel in postgraduate programmes or to succeed in technical profession and to instill in them the spirit of passion and dedication to work creatively and effectively for the betterment of humankind.

A. Faculty Members

Name and Qualification	Fields of Specialisation
PROFESSORS:	
1. Dr. Satyabrata Mohanta B.E., M. Tech (IIT-D), Ph. D (IIT-KGP) <i>Email_ID:</i> satyabrata.mohanta12@gmail.com	Mineral Processing, Plant Optimization, Process Engg. & Design
ASSOCIATE PROFESSORS:	
2. Dr.(Mrs.) Dipa Das (HOD)(Head of the Department) B.Tech.(NIT,RKL), M.Tech (NIT, RKL), Ph.D (IIT-KGP) <i>Email_ID:</i> dipa.das80@gmail.com	Heat Transfer, Fluid Flow and Flow Mesurement, Fuel Technology, Air pollution Control, Solid and Hazardous waste management, Coal Chemicals and Fertilizer CO ₂ capture, Fluidization, Adsorption
ASSISTANT PROFESSORS:	
3. Mrs. Ipsita D. Behera B.Tech, M.Tech (NIT, RKL) (On Study Leave to IIT-KGP for Ph.D) <i>Email_ID:</i> ipsitadbehera@gmail.com	Biotechnology, coal beneficiation
4. Mr. Kashinath Barik B. Tech (BPUT), M. Tech (IIT, KGP) Ph.D continuing (IIT Dhanbad) <i>Email_ID:</i> kashinath.009@gmail.com	Transport phenomena, mineral processing, modelling and simulation
5. Dr. Anup Kumar Swain B.E. (UU), M.E. (MSU) LAMIChE, LMISTE, LMOBA Ph.D(NIT, RKL) <i>Email_ID:</i> anup.k.swain@igitsarang.ac.in	Polymer Tech., Process Calculations, Mechanical Operations, Mass Transfer Operations
6. Mr. Anup Kumar Bairagi B. Tech (BPUT), M. Tech, IIT Roorkee, Ph. D continuing (Utkal University) <i>Email_ID:</i> 068532@gmail.com	Industrial Pollution Abatement
7. Mr. Rabiranjana Murmu B. Tech (BPUT), M. Tech (IIT, Madras) <i>Email_ID:</i> rabiranjana_murmu@rediffmail.com	Fuel Cell Membrane, Chemical Reaction Engineering, Biodiesel production
8. Mr. Harekrushna Sutar B.Tech (BPUT), M.Tech (Jadavpur University), Ph. D continuing (Jadavpur University), LMIE, LMIAENG, LMIACSIT <i>Email_ID:</i> h.k.sutar@gmail.com	Water Treatment Technology, thin film and surface coating, Composite materials

- | | | |
|---|---|--|
| 9. | Mrs. Brahmotri Sahoo
B. Tech (BPUT), M. Tech (NIT, RKL) Ph. D continuing
(Utkal University)
<i>Email_ID:</i> brahmotri.s@gmail.com | Fluidization Engineering, Coal Beneficiation,
Process calculation |
| 10. | Dr. Harekrushna Sutar
B.E (Utkal), M.Chem. Engg (Jadavpur University),
Ph. D (Jadavpur University)
<i>Email_ID:</i> h.k.sutar@gmail.com | Water Treatment, Tribology, Fluidization, Thin
film and Surface Coating |
| <hr/> ASSISTANT PROFESSORS (CONSOLIDATED): <hr/> | | |
| 11. | Dr. Chandradhwaj Nayak
Ph.D(IIT BHU), M.Tech (IIT BHU) B.Tech(IGIT Sarang)
<i>Email_ID:</i> chandradhwaj@gmail.com | Pulsating Drying, Bubble Column |
| 12. | Dr. Kshetramohan Sahoo
Ph.D(IISC bangalore), M.Sc. Engg(IISC bangalore),
B.E.(IGIT Sarang)
<i>Email_ID:</i> kshetramohan@iisc.ac.in | Particle Engineering, Precipitation, Metal and
drug nanoparticle synthesis, Liquid-liquid
mixing, Atomization, Microfluidics, Impinging
jet systems, and spinning disc spinning bowl
contactor |
| 13. | Mr. Pranab Ku. Mahalik
M.Tech (IIT Guwahati)
<i>Email_ID:</i> titinamahalik@gmail.com | Petroleum Sc. & Technology |
| 14. | Dr. Sudip Banerjee
B.Tech(Haldia Institute of Technology)
(Vidyasagar University)
M.Tech (NIT, Durgapur), Ph.D (IIT, KGP)
<i>Email_ID:</i> consudip@gmail.com | Chemical Process Modelling, Simulation and
Control |

B. Laboratory Facilities

The department has the following state-of-the-art and well equipped laboratories.

- i. Fluid Flow Lab.
- ii. Chemical Technology Lab.
- iii. Fuel Technology Lab.
- iv. Heat Transfer Lab.
- v. Mass Transfer lab.
- vi. Process Control Lab.
- vii. Chemical Reaction Engineering Lab.
- viii. Computer Aided Design Lab.
- ix. Computer Lab.
- x. Biotechnology Lab
- xi. Process Instrumentation Lab
- xii. Advanced Research Laboratory for Iron Ore beneficiation
- xiii. Skill and Personality Development Program Centre

As the institute is located in an industrial belt, which boasts of different Chemical, Metallurgical & Power sectors, there is ample opportunity for proper interaction and adequate practical training for the students. Keeping aforementioned development in view, the department is offering courses to provide Bachelor Degree in Chemical Engineering since 1994.

C. Research Activities

The following research activities are presently going on and a good number of papers in the following area are published, in National and International Journals.

- i. Coal Washing
- ii. Fluidization
- iii. Simulation & Modelling
- iv. Waste water treatment and Characterization
- v. Mineral Processing
- vi. Activated carbon
- vii. Fuel Cell Membrane
- viii. Biochemical Engineering
- ix. Polymer Synthesis and Characterization
- x. Carbon Dioxide Capture
- xi. Adsorption
- xii. Composite Materials

D. Project and consultancy

1. On Going Research Projects

National

- i. S. Mohanta, 2019, "Skill and personality Development Program Centre for SC/ST Students". All India Council for Technical Education (AICTE); Total cost Rs.19,66,117
- ii. S. Mohanta, B. Sahoo, 2018, "Up gradation of Indian iron ore fines (-1 mm + 45 μ m), slimes, low grade ores and tailings by Teeter bed separator". Science and Engineering Research Board, India; Total cost Rs.30,60,000
- iii. S. Mohanta, 2017, "Modernization of the existing Fuel Technology Laboratory to enhance our academic and research dimensions". All India Council for Technical Education (AICTE); Total cost Rs.10,50,000
- iv. D. Das, 2019, "Preparation and Characterization of biomass derived modified adsorbent for capture of CO₂ in a fluidized bed reactor". Technical Education Quality Improvement Programme – III (TEQIP – III); Total Cost Rs. 3,00,000/-
- v. D. Das, 2019, "Carbon dioxide capture from industrial flue gas and its utilization". Technical Education Quality Improvement Programme – III (TEQIP – III); Total Cost Rs. 1,40,000/-
- vi. K.N. Barik, 2019, "Fabrication of low cost starch/polyvinyl alcohol/Citric Acid blend films for bio-plastic appliances using Biomass/ solid waste". Technical Education Quality Improvement Programme – III (TEQIP – III); Total Cost Rs. 300000/-
- vii. R.R. Murmu, 2019, "Experimental studies of the chitosan based Proton Exchange membrane fuel cell at low to medium temperature operation". Technical Education Quality Improvement Programme – III (TEQIP – III); Total Cost Rs. 211000/-
- viii. R.R. Murmu, L. Sahu, 2019, "Preparation and characterization of SPEEK-PVA-SiO₂ composite membrane for proton exchange membrane fuel at elevated temperature application". Technical Education Quality Improvement Programme – III (TEQIP – III); Total Cost Rs. 118000/-
- ix. H. Sutar, 2019, "Preparation, Characterization and Engineering applications of PP-Graphene-Copper Nanocomposite sheet". Technical Education Quality Improvement Programme – III (TEQIP – III); Total Cost Rs. 106550/-
- x. S. Mohanta, 2020, "Skill and Personality Development Program Centre for SC/ST students SPDC", All India Council for Technical Education (AICTE); Total cost Rs. 10,50,000.

- xi. Das, Preparation and Characterixation of biomass derived modified adsorbent for capture of CO₂ in a fluidized bed reactor sponsored by TEQIP-III of 3 Lakhs for 1 Year
- xii. Das, Capture of Co₂ flue gas and its utilization sponsored by TEQIP-III of 1.4 Lakhs for 1 Year
- xiii. D. Das, Pollution load carrying capacity and source apportionment study in the industrial region of Chhattisgarh State.

2. Completed Research Projects

International

- i. S. Mohanta and C. H. Sampaio, 2014, "In Plant Evaluation and Comparison of the Separation Efficiencies for Different Coal Washing Devices". DST (India)-CNPq (Brazil); Total cost US \$ 36520

National

- ii. S. Mohanta, 2013, "Development of Mathematical Models for Blending of High-ash Non-coking Coal Towards Total Quality Assurance". The Institution of Engineers (India); Total cost Rs.50000
- iii. S. Mohanta, 2017, " Modernization of the existing Fuel Technology laboratory to enhance our academic and research dimenstion", All India Council for Technical Educaton(AICTE); Total cost Rs. 10,50,000.

Apart from these the department also offers consultancy services to the nearby industries.

E. Scope of Chemical Engineering

The Chemical Engineering graduates have bright scope of employment in Fertilizer, Petrochemicals, Cement, Metallurgical, Paper and Pharmaceutical & Software Industries. The course structure has been revised in accordance with the need of different industries. To cope with the demand of software engineers, the department is putting extra emphasis on computer related subjects. The department arranges industrial study tours to make the students acquainted with different industries. The department has one Chemical Engineering Society, which is actively engaged in all total development of the students. This department is also a Student Chapter of Indian Institute of Chemical Engineers, which is actively involved in various student related activities.

6. DEPARTMENT OF CIVIL ENGINEERING

Vision

- » To be recognized among highly ranked civil engineering programmes of the nation through pursuit of excellence in teaching and research in all sub areas of civil engineering and in service to the public.

Mission

- » To teach basics and application of civil engineering in a very systematic manner combining both theory, practical application and applications of new softwares recently developing in engineering.
- » To bring confidence among the students that they are equipped with technical knowledge and tools to solve any problem of their professional life and train and inspire student to plan their future both in higher studies and in professional practice as per their choice.

A. Faculty Members

Name and Qualification	Fields of Specialisation
PROFESSORS :	
1. Dr. Tushar K. Nath (Head of the Department) B.Sc. Engg. (Hons) Utkal M.Tech., Ph.D. (IIT, Kharagpur), MISTE <i>Email_ID:</i> hod.civil@igitsarang.ac.in <i>Mob:</i> 9938345224	Water Resources Engineering
2. Dr. Sudeep Kumar Chand B.Sc.Engg., M.Sc. Engg.(NIT RKL,SU), Ph. D. (IIT, KGP), MISTE (Deputation to OJEE as Chairman)	Geotechnical Engineering
3. Dr. Manoj Kumar Dash B.Sc. Engg. (SU), M.Tech., IIT(Roorkee), Ph. D. (IIT, KGP), MISTE	Structural Engineering
4. Dr. Bikash Chandra Panda B. Sc.Engg., M.Sc.Engg.(SU), Ph.D.(IIT, KGP), MISTE	Structural Engineering
5. Dr. Maheswar Maharana B.Sc.(Hons),C.Engg.(Civil) M.Sc.Engg.(NIT,SU), Ph.D, FIE (India)	Geotechnical Engineering
6. Dr. Pratap Kumar Pani (Head of the Department) B. Sc. Engg. & M.Sc. Engg.(NIT RKL,SU) Ph.D. (IIT, Kharagpur), MISTE,FIE <i>Email_ID:</i> pkpani65@yahoo.com	Structural Engineering,
ASSOCIATE PROFESSORS :	
7. Prof. Chittaranjan Sahoo B.E.(Hons) Utkal, M.Tech. Ph.D. (IIT, KGP) MISTE, MIE, C. Engg. (India) <i>Email_ID:</i> crsahoo65@yahoo.co.in	Environmental Engineering
8. Prof. Rabindra Kumar Kar B.Sc.(Engg.), &, M.Sc.Engg. (S.U) Ph.D.(S.U.) MISTE, MIRC, MIE, C. Engg. (India)	Transportation Engineering
9. Prof. Goutam Kumar Pothal B.Tech. (OUAT), M. E. (SU)Ph. D. (IIT, Delhi), MISTE <i>Email_ID:</i> gkpothal@gmail.com	Geotechnical Engineering
ASSISTANT. PROFESSORS	
10. Mr. Suraj Kumar Sahu B.E. (Utkal) M. Tech.(SU)	Structural Engineering

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|--|---|---|
| 11. | Mr. Bhagirathi Tripathy
B.E.(Utkal),M.Tech(NIIT,Chandigarh), Ph.D(Utkal) | Construction Tech. & Management |
| 12. | Mrs. Priyadarshini Das
M.Tech (NIT), Ph.D(Continuing at IIT KGP) | Structural Engineering |
| 13. | Mr. Aditya Kumar Bhoi,
B.Tech (Utkal),Mtech(IIT Bombay)
Ph.D (Continuing at IIT Bombay) | Geo Technical Engineering |
| 14. | Mr. Sujit Kumar Pradhan,
B.Tech.(Utkal), M.Tech.(IIEST, Shibpur)
Ph.D (Continuing at IIT Bhubaneswar)
<i>Email_ID:</i> skp14@iitbbs.ac.in | Transportation Engineering |
| 15. | Miss Adyasha Priyadarshini,
B.Tech(ITER, Bbsr(BPUT),M.Tech(NIT RKL). | Structural Engineering |
| 16. | Mr. Satya Priya Senapati
B.Tech(BPUT), M.Tech(IIT Roorkee)
<i>Email_ID:</i> s.senapativiki@gmail.com | Geotechnical Engineering |
| 17. | Mrs. Trushna Jena
B.Tech(BPUT), M.Tech(VSSUT Burla)
<i>Email_ID:</i> ttt.jena@gmail.com | Structural Engineering |
| ASSISTANT. PROFESSORS (CONSOLIDATED): | | |
| 19. | Mrs Sushree Sangita
M.Tech (NIT, Rkl)
<i>Email_ID:</i> sushreesangita87@gmail.com | Geo Technical Engineering |
| 20. | Mrs P.P.Mohapatra
M.Tech (VSSUT)
<i>Email_ID:</i> pragayan.pmohapatra@gmail.com | Transportation Engineering |
| 21. | Mrs Swetankita Sahoo
M.Tech (VSSUT)
<i>Email_ID:</i> sahoo.swetankita91@gamil.com | Transportation Engineering |
| 22. | Mrs Aryalaxmi Priyadarshini
M.Tech (BPUT)
<i>Email_ID:</i> arya1234priyadarshini@gmail.com | Water Resource Engineering & Management |
| 23. | Mrs P.D.Das
M.Tech (ITER)
<i>Email_ID:</i> pragyna.das6789@gmail.com | Structural Engineering |
| 24. | Ms P.Subhasmita
M.Tech (IGIT, Sarang)
<i>Email_ID:</i> rksubhasmita@gmail.com | Structural Engineering |
| 25. | Mr. Kundan Kumar
M.Tech (TEQIP-III) | Environmental Engineering |
| 26. | Ms. Subhalaxmi Sahoo
B.Tech(IGIT Sarang) M.Tech(VSSUT Burla)
<i>Email_ID:</i> subha.gudly95@gmail.com | Environmental Science and Engineering |
| 27. | Ms. Anwesha Rath
B.Tech(CET Bhubaneswar), M.Tech(VSSUT Burla)
<i>Email_ID:</i> Anwesha.rath95@gmail.com | Transportation Engineering |
| 28. | Mr. Ritwik pattnaik
B.Tech(BPUT) M.Tech(NIT Agartala) | |
| 29. | Mr. Sandip Kumar Das
B.Tech(BPUT), M.Tech(IIT Bhubaneswar) | |

B. Laboratory Facilities:

The department has the following well-equipped laboratories to cater to the needs of the undergraduate as well as postgraduate programmes.

- i. Environmental Engineering Laboratory
- ii. Geology Laboratory
- iii. Geotechnical Engineering Laboratory
- iv. Hydraulic Engineering Laboratory
- v. Structural Engineering Laboratory
- vi. Transportation Engineering Laboratory
- vii. Departmental Computer Centre.

C. Project and Consultancy:

With the financial grant received from the Ministry of H.R.D., Govt. of India, modernisation as well as research & development projects have been undertaken in Geotechnical Engineering, Environmental Engineering, Transportation Engineering, Hydraulic Engineering and Structural Engg. Laboratories.

The department regularly offers Consultancy service to a number of agencies including government and public sector undertakings such as PWD, OBCC, NALCO, NTPC, TTPS, MCL, CMPDI, RITES, RRCC, TAMRIT, GAMMON INDIA , GANNON DUNKERLY etc.

D. Research Activities:

Research activities imparts momentum to the growth and is the hall mark of any academic department. With the limited facilities available for such activity in the department, its faculty are carrying out research in some frontier areas of Civil Engg. as listed below :

- i. Earthquake resistant design and construction practices. Advanced Structural materials.
- ii. Fluid Structure interaction.
- iii. Waste utilisation in construction.
- iv. Pavement Materials.
- v. Structural Dynamics
- vi. Geotechnical applications of flyash.
- vii. Stabilisation of expansive soils.
- viii. Air Pollution
- ix. Waste Water Treatment
- x. Solid and hazardous waster management

A good number of papers in the above area are being presented and published at national and international conferences as well as in reputed national and international journals.

E. SCOPE OF CIVIL ENGINEERING.

Civil Engineering, the oldest and the parent branch of the Engineering is as old as human Civilization that concerns itself with construction and maintenance of public utilities like buildings, roads, bridges, water supply system etc. Rapid industrialisation and urbanisation has given birth to challenging construction of skyscrapers, flyovers, long span bridges, atomic power plants, gigantic industrial complexes etc. to mention a few. To accomplish such feats optimally, design and construction management has taken roots in Civil Engineering. With continued technological advancements, the scope of the Civil Engineering has further broadened and diversified into new areas such as Computer Aided Design, Computer Aided Drafting, Offshore Technology, Earthquake Engineering, Robotic Construction, Space Structures etc.

A Student graduating in Civil Engineering can opt for employment in state and central government departments, defence services, public and private sector undertaking and privately owned consulting firms and construction firms. He may also become an entrepreneur. The interested graduates may prosecute higher studies in conventional or specialised fields and may join R & D organisations or choose teaching as a profession.

The department has highly qualified faculty. Besides being imparted by textual knowledge, students are accompanied by faculty members to nearby construction sites and industrial organisations for acquainting them with field practices and visual appreciation.

The AICTE has approved 2 years regular P.G. programme in Structural Engg., Geo Tech. Engg. and part time P.G. Course in Environmental Science and Engineering as a Continuing Education Programme for regular as well for the engineers employed in the nearby organisation. The introduction of few .P.G. courses would further enhance the academic excellence in the department. This Department has been recognised as a QIP Centre by AICTE/MHRD and centre of excellence by State Government

7. DEPARTMENT OF COMPUTER SCIENCE ENGINEERING AND APPLICATION

Vision

- » To be a place of academic excellence in frontier areas of Computer Science and Engineering to meet the challenges by bridging the gap between academic and industry so as to promote competitive academic programs through research activities that supports intellectual growth and skill acquisition.
- » To become a recognized ethical leader with morale in the state of Odisha and beyond, offering high-quality educational programmes in computer science and its applications.

Mission

- » To facilitate improve technologies and focus on vital services by strengthening the quality of life with leadership and self-sufficiency to create enthusiasamong the students towards nation building
- » To offer a high-quality education in the art and science of computing, as well as toprepare students for career opportunities in this area requiring a high level of technicalknowledgeand skill.
- » To develop and administer programs which serve the needs of industrial computer scientists, researchers and computer application specialists for whom the discipline of computing sciences provides indispensable tools.

A. FACULTY MEMBERS:

Name and Qualification	Field(s) of Specialization
PROFESSOR:	
1. Dr. Sarojananda Mishra (Head of the Department) MCA(S.U.), M. Tech (IIT.Delhi) Ph.D.(UU) LMISTE, AMAIMA <i>Email_ID: sarose.mishra@gmail.com</i>	Fractals and Graphics, System Dynamics, Operation Research, Networking, Computer Programming, MIS
2. Prof. Sasmita Mishra MCA (SU), M.E.(SU), Ph.D(UU). LMISTE <i>Email_ID: sasmita.mishra.csea@gmail.com</i>	Data Structure, Programming, Language, RDBMS, Operating System, Graphics, AJ
3. Prof. Srinivas Sethi MCA (B.U.), Ph.D(BU) <i>Email_ID: srinivas_sethi@igitsarang.ac.in</i>	Ad-hoc Network, Sensor network and Cognitive Radio Network, Cloud computing, Big Data, Crowding Sensing, BCI & Cognitive Science
ASSISTANT PROFESSORS:	
4. Mr. Medimi Srinivas MCA (SU), M.E.(SU) <i>Email_ID: srinivas.medimi@gmail.com</i>	Artificial Intelligence, NLP, OOPS, Software Engineering
5. Mr. Priyabrata Sahu MCA, M.Tech. <i>Email_ID: priyabsahu@gmail.com</i>	RDBMS, Operating system, Graphics, Networking, Computer Architecture
6. Dr. Sanjay Ku. Patra MCA, M. Tech, Ph.D, (UU) <i>Email_ID: sanjay.patra@gmail.com</i>	Data Structure, Pragramming Language, RDBMS
7. Dr. Dillip Ku. Swain MCA, M.Tech, Ph.D (UU) <i>Email_ID: dillip_swain41@yahoo.com</i>	Computational theory, Artificial Intelligence, Computer Networking, Operating System

- | | | |
|---|--|--|
| 8. | Dr. Sri Niroj Kumar Pani
MCA, M.Tech, Ph.D.(UU)
<i>Email_ID:</i> nirojpani@gmail.com | Programming in C, Computer Networks, Operating System, DBMS, Network Security, WSN, Cloud Computing |
| 9. | Dr Biswanath Sethi
B.E., M.E., Ph.D.(IEST, Shibpur)
<i>Email_ID:</i> sethi.biswanath@gmail.com | Computer Graphics, Data Structure using “C” Programing, CD, Formal Language and Automata Theory |
| ASSISTANT PROFESSORS (CONSOLIDATED):
(Under Self Financing Scheme): | | |
| 10. | Dr. (Mrs) Sangita Pal
B. Tech, M.Tech, Ph.D (UU)
<i>Email_ID:</i> sangitapalmtech.cet@gmail.com | Computer Security, Data Structure, Management Information System |
| 11. | Mr. Sangram Ku.Nayak
MCA, M.Tech
<i>Email_ID:</i> sangram012@gmail.com | JAVA, Programming, Data Structure, Data Mining |
| 12. | Mr. Susanta Ku. Sahoo
MCA, M.Tech
<i>Email_ID:</i> susanta.sahoo@igitsarang.ac.in | DBMS, Microprocessor, OS, Computer Security, Java Programming, Embedded system, OOPS, Computer Organisation. |
| 13. | Mr. Suvendu Ku. Jena
B. Tech, M.Tech
<i>Email_ID:</i> suvendukumarjena@gmail.com | Mobile Computing, System Programming, DBMS |
| 14. | Dr. Subhendu Bhusan Rout
B. Tech, M.Tech Ph D (Cont. UU)
<i>Email_ID:</i> subhendubhusan@igitsarang.ac.in | Computer Graphics, OOPS, Comp.Arch.CD |
| 15. | Mrs. Anupama Sahu
B.Tech, M.Tech
<i>Email_ID:</i> anupamasahu.21@gmail.com | C, C++, Data Base Engineering, Fractal Dimension Calculation |
| 16. | Mr. Ramesh Kumar Sahoo
B.Tech, M.Tech
<i>Email_ID:</i> ramesh0986@gmail.com | Java, Big Data, Wireless Sensor Network, Software Engineering |
| 17. | Mr. Binaya Kumar Patra
MCA, M.Tech
<i>Email_ID:</i> binaya.patra@gmail.com | Computer Graphics, WSN, Software Engineering |
| 18. | Mrs Supriya Lenka
B.Tech, M.Tech
<i>Email_ID:</i> followsupriya@gmail.com | C, OOPS, Operating System, PPM, Data Structure using C, E-Commerce |
| 19. | Mr Bapuji Rao
MSc (IT), M.Tech
<i>Email_ID:</i> rao.bapuji@gmail.com | C, C++, Java, Data Structure, DBMS, Data Mining, IWT |

B. COMPUTING FACILITIES:

i. COMPUTATIONAL LABORATORY:

Computational laboratory is equipped with IBM-Netfinity 5000(under UNIX) with 30 user support. A number of Pentium PCs are connected to the server as nodes.

ii. NETWORKING LABORATORY:

The networking lab runs with the support of a pentium server (under Windows NT from Siemens Nixdorf. The clients are Pentium-PCs (under Windows-98) connected to TCP/IP using Ethernet. With Netsim 2.0. NetSim 5.0(R&D) version

iii. MICRO PROCESSOR LABORATORY:

This laboratory is well equipped with 8085 and 8086 micro processor kits and other interfacing cards like 8255 etc.

iv. PERIPHERALS:

HP Scanjet 5100 scanner, External CD writer (HP), Modem 33.6 KBPS, HP 695c, HP Desjet-500 printer, HP Laserjet 6L Laser printer, Panasonic KX P2624 DMP, FUJITSU DL 2000 Printer, NEC Printer, Wipro LQ-1050 Printer.

v. SOFTWARE FACILITY AVAILABLE

- » C, Visual C++ (both under UNIX, DOS/WINDOWS environmental)
- » Personal Oracle 8.0 with developer 2000, Visual Basic, VC++ with developer studio Visual dBase, dBase-V, Visual FOXPRO , C, C++, PC under DOS, WINDOWS.
- » Oracle 8.10 with developer 2000
- » Multimedia Computer Based Trainer kits Visual Basic,VC++, dBase-IV, Windows-95/98 and MS-DOS.
- » Netsim, Matlab, Software Engg. Software (IBM Rational Rose)

C. RECENT PROJECTS UNDERTAKEN

1. AICTE-MODROB Project for Modernisation of Computer Centre (1998)
2. AICTE MODROB Project - 2004.
3. AICTE MODROB Project- 2012
4. Science & Engineering Research Board (DST), New Delhi for Design & development of Efficient Routing Protocol in wireless sensor Ad-hoc network

D. RESEARCH ACTIVITY

The research interests of the faculty members include Fractal Database, Fractals and Computer Graphics, Evolutionary Neural Networks and Forecasting, Artificial Intelligence and information Retrieval, Fuzzy Optimization, MIS Data modelling and database design. Some of the faculty members have completed their Ph. D. work in this department. Mobile Computing, Ad-hoc Network

E. PROJECT TRAINING AND PLACEMENT:

As part of the requirement of their course, System development Projects of six months duration by MCA students are carried out in external organisation. Our alumni have been recruited by a large cross-section of computer industries both in Private and Govt. Sectors. Many companies like Infosys, L&T Information Technology Limited, BFL software and TCS have recruited our students through campus selection. Away present B.Tech & MCA final year students about 95% have been placed in various org. like Wipro, TCS, ESS, Tech Mahindra, BITARSE Global, Infraway Pvt. Ltd.

8. DEPARTMENT OF ELECTRICAL ENGG

VISION

- » To be recognized among highly ranked Electrical Engineering programs of the nation through pursuit of excellence in teaching and research in all areas of Electrical Engineering and in service to the public.

MISSION

- » To produce well trained Electrical Engineering graduates with innovative thinking, knowledge and skills, to excel in postgraduate programs or to succeed in technical profession and to instill in them the spirit of passion and dedication to work creatively and effectively for the betterment of humankind.

A. Faculty Members:

Name and Qualification	Field(s) of Specialization
PROFESSOR:	
1. Dr. Bibhu Prasad Panigrahi B.Sc.Engg. (Hons.) (SU), M.Tech (IIT Bombay) Ph.D (IIT Kharagpur), LMISTE, LMSSI, LMOBA, FIE <i>Email_ID:</i> bibhu89@yahoo.com	Electrical Machines, Machine Drives, Power Electronics, Power Systems
2. Dr. (Mrs.) Pranati Das (Head of the Department) B.Sc. Engg. (Hons.) (SU), M.Tech. (IIT Kharagpur), Ph.D (IIT Kharagpur), LMISTE, FIE <i>Email_ID:</i> daspranati@yahoo.co.in pranati.das@igitsarang.ac.in 9437565799	Communication Engineering, Digital Signal Processing, Image Processing
ASSOCIATE PROFESSORS:	
3. Dr. Rabindra Behera BE (IGIT Sarang), M.Tech. (UCE,Burla), Ph.D (Sambalpur University), MIEEE, LMISTE <i>Email_ID:</i> b_rabindra@yahoo.co.in	Power Systems Engineering, Control Systems Engineering
ASSISTANT PROFESSORS	
4. Mr. Rabisankar Subudhi B.Sc. Engg. (SU), M.Tech. (IIT Kharagpur), MISTE <i>Email_ID:</i> rsub.igit@gmail.com	Digital Signal Processing, Communication Engineering
5. Mr. Maheswar Prasad Behera BE (IGIT Sarang), M.Tech(UCE,Burla) Ph.D (NIT Rourkela) <i>Email_ID:</i> maheswar17207@gmail.com	Power System Engineering
6. Mr. Bidyadhar Biswal AMIE(I) in Electrical Engineering, ME(UCE, Burla), Ph.D (Utkal University) <i>Email_ID:</i> bidya_igit@rediffmail.com	Power Systems Engineering
7. Mr. Umakanta Mahanta BE (IGIT Sarang), M.E (Jadavpur University), Ph. D (Utkal University) <i>Email_ID:</i> igit2001umakanta@gmail.com	High Voltage Engineering, Electrical Drives
8. Mr. Brijesh Kumar BE (IGIT Sarang), M.Tech. (KIIT, Bhubaneswar), LMISTE, <i>Email_ID:</i> brijesh@igitsarang.ac.in	Power Electronics and Drives

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|---|--|---|
| 9. | Mr. Manoj Kumar Chaudhury
BE (IGIT Sarang), M.E (Jadavpur University),
Ph. D (IIT Roorkee)
<i>Email_ID:</i> mcelect05@gmail.com | Electrical Machine |
| 10. | Mr. Kali Charan Pradhan
B.Tech (GCE, Keonjhar), M.Tech (VSSUT, Burla) Ph. D
(NIT Rourkela) continuing (on QIP study leave)
<i>Email_ID:</i> kali4028@gmail.com | Power System Engineering |
| 11. | Mr. Binay Kumar Nayak
B.Tech (BPUT), M.Tech (NIT, Calicut)
<i>Email_ID:</i> binaynayak@yahoo.co.in | Industrial Power and Automation |
| ASSISTANT PROFESSORS (CONSOLIDATED): | | |
| 12. | Mrs. Mohamayee Mohapatra
BE(Honour)(BIET, Bhadrak), M.Tech(NIT, Rourkela), Ph.D
Cont(Utkal University)
<i>Email_ID:</i> mohamayee@gmail.com | Power Control and Drives |
| 13. | Ms. Rosalin Pradhan
B.Tech (CEB, Bhubaneswar), M.Tech(VSSUT, Burla)
<i>Email_ID:</i> rosalin.pradhan11@gmail.com | Power System Engineering |
| 14. | Mr. Madhab Chandra Das
B.Tech (KIIT), M.Tech(BPUT), Odisha,
Ph.D Cont. (KIIT University)
<i>Email_ID:</i> d.madhabchandra@yahoo.co.in | Power Electronics and Electrical Drives |
| 15. | Mr. Bibhu Prasad Ganthia
B.Tech (GITA, Bhubaneswar), M.Tech (IGIT, Sarang),
Ph.D Cont. (KIIT University)
<i>Email_ID:</i> jb.bibhu@gmail.com | Renewable Power Generation and Control |
| 16. | Mr Priya Pritam Panda
B.Tech(Hindustan University), M.Tech (IIT, Guwahati)
<i>Email_ID:</i> ppritam10@gmail.com | High Frequency, Optical Fiber, Micro
Processor, Digital Electronics. |
| 17. | Mrs. Binodinee Swain
B.Tech (Silicon, Bhubaneswar),
M.Tech (IGIT, Sarang)
<i>Email_ID:</i> binodineeswain123@gmail.com | Power System Engineering |
| 18. | Mr. Aparesah Prasad Biswal
B.Tech (STET, Dhenkanal), M.Tech (IGIT, Sarang)
<i>Email_ID:</i> aparesahprasad108@gmail.com | Power System Engineering |
| 19. | Mr. Chinmay Ku Nayak
BE (Manipal University), M.Tech (SOA
University), Ph.D Cont. (Utkal University)
<i>Email_ID:</i> chinmaynayak009@gmail.com | Energy System Management |
| 20. | Ms. Ritambhara Pradhan
B.Tech (The Techno School, Bhubaneswar),
M.Tech (VSSUT, Burla)
<i>Email_ID:</i> pradhan.ritambhara@gmail.com | Power Electronics & Drives |
| 21. | Mrs. Samprati Mohanty
B.Tech (BPUT), M.Tech (KILT)
<i>Email_ID:</i> samprati.mohanty23@gmail.com | Power Electronics & Drives |
| 22. | Mr. Manoj Kumar Moharana
B.Tech (BPUT), M.Tech (VSSUT, Burla)
<i>Email_ID:</i> manojkumar.tech@gmail.com | Power System Engineering |

23. **Mr. Sidhartha Kumar Samal**
B.Tech (GCE, Kalahandi), M.Tech (VSSUT, Burla)
Email_ID: sidhartha.chikun@gmail.com
24. **Miss Utkalika Pradhan**
B.Tech (BPUT, Rourkela), M.Tech (VSSUT, Burla)
Email_ID: utkalika.pradhan2@gmail.com
- Dr. Subhashree Priyadarshini**
Dr. Subhashree Priyadarshini B.Tech (GITA, Bhubaneswar), M.Tech (CAPGS, BPUT, Rourkela), Ph.D (KIIT University)
Email_ID: subhapriya202@gmail.com
- Ms. Aradhana Khillo**
B.Tech (IGIT, Sarang), M.Tech (PMEC, Berhampur)
Email_ID: khilloaradhana@gmail.com
- Mr. Aitihyajeet Mohapatra**
B.Tech (SIET, Dhenkanal), M.Tech (IGIT, Sarang)
Email_ID: aitihyajeetmohapatrgmail.com
- Dr. (Mrs.) Somashree Pathy**
B.Tech (BPUT), M.Tech (SOA University), Ph.D (SRM University)
Email_ID: p.soma92@gmail.com
- Mrs. Shilpa patra**
B.Tech (IGIT, Sarang), M.Tech (NIT, Durgapur)
Email_ID: shilpapatra443@gmail.com
- Mr. Smrutiranjana Nayak**
B.Tech (KIIT), M.Tech (KIIT), Ph.D Cont. (SOA University)
Email_ID: nayaksmutiranjana272@gmail.com
- Mr. Atish Kumar Meher**
B.Tech (IGIT, Sarang), M.Tech (VSSUT, Burla),
Email_ID: atish.akm07@gmail.com
- Mr. Chandrasekhara Panda**
B.Tech (VSSUT, Burla), M.Tech (NIT, Durgapur)
Email_ID: thechandrasekhar248@gmail.com
- Mr. Pradyumna Pradhan**
B.Tech (VSSUT, Burla), M.Tech (NIT, nagpur)
Email_ID: pradhanpradyumna016@gmail.com
- ASSISTANT PROFESSORS (CONSOLIDATED Under TEQIP-III):**
- Mr. Subrata Kumar Biswal**
B.Tech (CET, Bhubaneswar), M.Tech (NIT, ISM, Dhanbad)
Email_ID: subrat1221@gmail.com
- Mr. Biswajit Sahoo**
B.Tech (OSME, Keonjhar), M.Tech (NIT, Rourkela)
Email_ID: saahoo.biswajit7jyly@gmail.com

B. Laboratory Facilities :

The Department has following laboratories with sophisticated instruments to provide practical instructions to the students during their Diploma, B.Tech, M.Tech and Ph.D courses.

- i. Energy Conversion Laboratory (Electrical Machine Lab.)
- ii. Instrumentation and Control Laboratory
- iii. Analog Electronics Laboratory
- iv. Microprocessor and Digital Electronics Laboratory

- v. Power Electronics and Drives Laboratory
- vi. Electrical Workshop
- vii. Power System and Simulation Laboratory
- viii. PC Laboratory
- ix. Basic Electronics Engineering Laboratory
- x. Network Devices Laboratory
- xi. Basic Electrical Engineering Laboratory
- xii. Advanced Energy Systems and Drives Laboratory

C. Projects Undertaken:

The department has achieved remarkable growth in laboratory facilities for students and research activities for the faculty members which have been possible due to the following Government of India Projects:

- i. Modernization of Electrical Engineering Laboratory (1989)
- ii. Microprocessor Application Laboratory (1991)
- iii. Modernization of Microprocessor and Digital Electronics Laboratory (1992)
- iv. Strengthening of facilities in Instrumentation (1992)
- v. Strengthening of facilities in Computer Science and Technology (1992)
- vi. Modernization of Computer Centre (1992)
- vii. Modernization of Electrical Engineering Laboratory (1992)
- viii. Thrust Area Project on Control System including Computerized Control in Industry (1995)
- ix. Modernization of Electrical Engineering Laboratory (1999)
- x. AICTE Research Project on AI & Robotics. (2000)
- xi. AICTE Research Project on Design of Controllers for flexible Robots. (2004)
- xii. AICTE Research Project on Development of DTC based low cost analog torque Controller for low power induction motor drives used in small scale industries. (2008)
- xiii. DST project on Design and Development of DSP/FPGA based digital controller for hybrid active power filter applied to industrial nonlinear loads in distribution system.(2012)
- xiv. AICTE MODROBS project for modernization of PC lab of Electrical Engineering Department. (2013)
- xv. AICTE MODROBS project for modernization of Power System lab of Electrical Engineering Department. (2013)
- xvi. RPS/AICTE project on Detection, Classification and location of the fault in a transmission line including STATCOM.(2017)
- xvii. AICTE MODROBS project for modernization of Energy Conversion Lab of Electrical Engineering Department. (2017)

D. Research Activities:

Research and Development play a crucial role in the development of improved products and processes related to electrical utilities and industries. The Department has created a culture of it with implementable outcome. Every year a good number of technical papers are published in international as well as national journals / conferences.

Active Research is being carried out in the field of:

- i. Non Linear Control Engineering
- ii. Power System Dynamics
- iii. Signal Processing/Image Processing

- | | |
|--|--------------------------------|
| iv. Energy Conversion | ix. Power System Protection |
| v. Machines and Drives | x. Power Electronics & Drives |
| vi. Renewable Energy | xi. High Voltage Engineering |
| vii. Smart Grid | xii. Energy System Engineering |
| viii. Power System Planning & Management | |

E. Scope of Electrical Engineering:

Electrical Engineering formulates the basic stream of technology that embraces the basis of all other allied branches including fundamental Science. Diversification of the branch ahead into Instrumentation, Control and Electronics etc. have still further widened the horizon of Electrical Engineering with new concept of development to meet the national needs in the context of globalised economy today.

Electrical Engineering Department with rich traditions of excellence now has carved a place of pride in the state. It has attracted the best and brightest among the teachers with strong commitments, and students with gleaming talent and perseverance.

Electrical Engineering Education today is changing very fast which needs constant development in the curriculum and program of studies in technical institutions. With this-in view, both the Diploma and under graduate courses in Electrical Engineering have been thoroughly revised.

Department of Electrical Engineering conducts national level seminars and staff development programmes on a regular basis to extend its effort to update faculty and students in the recent developments of technologies. A separate departmental library is functioning with adequate books and journals for the benefit of the students as well as faculty members.

In addition to the Diploma and B.Tech programmes in Electrical Engineering, the department also offers four M.Tech courses: (i) a part-time M.Tech course in Industrial Power Control & Drives since 2008-09 (ii) a full-time M.Tech course in Power System Engineering since 2013-14 and (iii) a full-time regular M.Tech course in Power Electronics and Drives since 2014-15 and (iv) a full-time regular M.Tech course in Energy Systems Engineering since 2015-16. The faculty members of the department supervise Ph.D students in the research areas such as Machine Drives, Power Electronics, Control System Engineering, Power Systems Engineering Signal and Image Processing etc.

The Department of Electrical Engineering has been approved as the Quality Improvement Programme (QIP) center for PhD programme since 2012-13. The department has also been approved as the Nodal center for the PhD program under National Doctorate Fellowship (NDF) scheme for 2018-19 & 2019-20 and under AICTE Doctorate Fellowship (ADF) scheme from the year 2020-21.

In order to make the students acquainted with recent technology which are not available in their curriculum, the department conducts student training program including internship on regular basis. Department provides real time industry training through industrial visits.

Interested students can go for PG specialization in advanced subjects like Power System Engineering, Electrical Machines and Drives, High Voltage Engineering, System Automation, Energy Engineering etc. and other interdisciplinary courses like VLSI, Robotics, Computer Science, Bio-medical Engineering etc. The student of Electrical Engineering can settle up for a challenging career in the public / private sectors like SAIL, BHEL, PGCIL, NHPC, NPC, BARC, COAL INDIA, CGL, NALCO, TATA STEEL, TATA POWER, Software Companies, State and Central Government services etc, which only reflects the huge potential of the subject. They can also join teaching, R & D or Management Institutions.

An Electrical Engineering student will have the scope of taking professional fields such as Design and Development of Electrical Equipment, Software, Academics, Administration, Research and Development, Telecommunication Industries, Computer Manufacturing Industries, material manufacturing industries, Power Industries, Traction etc.

9. DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

Vision

- » To be a place of academic excellence in frontier areas of Electronics and Telecommunication Engineering. To create an educational environment and be a part of nationally acclaimed department so as to meet the challenges by bridging the gap between academia and industry. To promote competitive academic programs through research activities and ambience that supports intellectual growth and skill acquisition.

Mission

- » To grow as a diverse, socially responsible learning community to provide well equipped innovators, Scientists, Engineers with pioneering expertise, entrepreneurs, academicians and thinkers of tomorrow in the field of electronics and telecommunication engineering.
- » Facilitating improve technologies, bringing out vital services to the society by strengthening quality of life with leadership and self-sufficiency. To sustain enthusiasm among the students for an approach wards nation building.
- » To inculcate the spirit of innovation among the aspirants' technologists.

A. Faculty Members:

Name and Qualification	Field of Specialization
PROFESSORS:	
1. Dr.(Mrs.) Urmila Bhanja HOD (Head of the Department) B.Sc.Engg.(M.U.), M.Tech.(IIT Kharagpur) Ph.D. (IIT KGP), MISTE <i>Email_ID:</i> urmilabhanja@gmail.com	Optical Wireless communication, Optical & sensor & Wireless Networking, Soft Computing, Optimization Techniques
ASSOCIATE PROFESSORS:	
2. Dr. Ashima Rout BE(UU), M.Tech.(Jadavpur University) MISTE, PhD (UU) <i>Email_ID:</i> ashimarout@gmail.com	Communication Engineering & Wireless Networking.
3. Dr. Debajyoti Mishra M.E.(NIT Rourkela), Ph.D (UU) <i>Email_ID:</i> deba.igit@gmail.com	Electronics Communication Systems, Soft computing, Communication Network
ASSISTANT PROFESSORS:	
4. Mr. Janmejaya Rout M.Tech. (IIT, Guwahati) PhD (Contd) <i>Email_ID:</i> jrout.2006@gmail.com	Signal Processing
5. Mr. Kodanda Dhar Sa B.Tech (UCE, Burla), M.Tech.(Jadavpur University) <i>Email_ID:</i> kdseltc@gmail.com	Instrumentation & Electronics Engineering
6. Mr. Paresh Kumar Passayat B.Tech(BPUT)M.Tech (VSSUT, Burla) <i>Email_ID:</i> pareshpasayat@yahoo.co.in	Communication System Engineering
ASST. PROFESSORS (Consolidated)	
7. Mr. Abinash Kumar Pujari B.Tech (BPUT), M.Tech (VSSUT) <i>Email_ID:</i> abinash.pujari25@gmail.com	Communicaton System Engineering

8. **Ms. Bikash Chandra Sahoo**
B.Tech (I.G.I.T., ODISHA)
M.Tech (S.L.I.E.T., PUNJAB)
Email_ID: bikashsahoo2020@gmail.com
9. **Mr. Biranchi Narayan Behera**
B.Tech (BPUT), M.Tech (VSSUT)
Email_ID: er.biranchibehera@gmail.com
10. **Mrs. Chinmayee Panda**
B.Tech(BPUT), M.Tech(BPUT)
Email_ID: dparida85@gmail.com
11. **Mrs. Debapriya Parida**
B.Tech (BPUT) M.Tech (KIIT)
Email_ID: dparida85@gmail.com
- Mr. Dillip Dash**
B.Tech (BPUT) M.Tech (SOA)
Email_ID: dillipdash106@gmail.com
- Mr. Gyanabrata Sahoo**
B.Tech(BPUT), M.Tech (NIT, Jameshedpur)
Email_ID: gyanabrata96@gmail.com
- Mrs. Jemimah Digal**
B.Tech(SHIATS,Allahabad) M.Tech(Karunya University, Coimbatore, TN)
Email_ID: digal.jemimakjemimah@gmail.com
- Mrs. Jyotirekha Das**
B.Tech(BPUT) M.Tech(BPUT)
Email_ID: Jyotirekha43@gmail.com
- Mr. Kumar Gaurav Suman**
M. Tech (SLIET)
Email_ID: kumargsuman@igitsarang.ac.in
- Mr. Lakhmikanta Mishra**
B.Tech(SOA) M.Tech(KIIT)
Email_ID: lakhmikanta72@gmail.com
- Mrs. Meghamala Samant**
B.Tech(BPUT) M.Tech(BPUT)
Email_ID: meghasmt@gmail.com
- Ms. Monalisa Nayak**
B.Tech. (BPUT) M.Tech (SOA)
Email_ID: monalisa.nayak11@gmail.com
- Mrs. Saptamee De Saha**
B.Tech (WBUT,Kolkata) M.Tech(MAKAUT)
Email_ID: sonaidalu@gmail.com
- Mrs. Smrutirekha Prusty**
B.Tech(BPUT) M.Tech(VSSUT, Burla)
Email_ID: smrutirekhaprusty993@gmail.com
- Dr. Soumya Ranjan Mishra**
B.Tech. (BPUT) M.Tech (BPUT), PhD(VSSUT, Burla)
Email_ID: srmishra.3487@gmail.com
- Mr. Susanta Kumar Samal**
B.Tech (BPUT) M.Tech(VSSUT, Burla)
Email_ID: susanta.samal2012@gmail.com
- Antenna Array, 5G Wireless
Communication, Body Antenna
- Communication System Engineering
- Communication Engineering, Free space
optical communication
- Communication System Engineering
- Communication System Engineering
- Embedded System Engineering, MEMS/
NEMS
- Communication System Engineering
- Communication System Engineering
- Electronics and Communication Engg,
Internet of Things (IoT)
- VLSI & Embedded System
- Signal Processing Engineering
- Communication Engineering
- VLSI
- Microwave Engineering
- Communication Engineering
- VLSI & Signal Processing

B. LABORATORY FACILITIES :

The Department has following laboratories with sophisticated instruments to provide practical instructions to the students during their Diploma & B. Tech Courses.

- i. Basic Electronics Laboratory
- ii. Analog Electronics Laboratory
- iii. Electromagnetic Engineering and Simulation Laboratory
- iv. VLSI Design Laboratory
- v. Computer Laboratory
- vi. Communication Engineering Laboratory
- vii. Embedded System Laboratory
- viii. Seminar Lab
- ix. Skill Project Lab
- x. Microwave Engineering Laboratory
- xi. Digital Signal Processing Laboratory
- xii. Control and Instrumentation Laboratory
- xiii. Network Theory Laboratory
- xiv. Advance Communication and Network
- xv. Design and Simulation Lab
- xvi. Wireless Sensor Network Laboratory
- xvii. Dissertation Phase

C. PROJECTS UNDERTAKEN:

The Department has achieved remarkable growth in laboratory facilities for students and research activities for the faculty members which have been possible due to the following Government of India Projects:

- i. Modernization of Electrical Engineering Laboratory (1989)
- ii. Microprocessor Application Laboratory (1991)
- iii. Modernization of Microprocessor and Digital Electronics Laboratory (1992)
- iv. Strengthening of facilities in Instrumentation (1992)
- v. Strengthening of facilities in Comp. Science & Technology (1992)
- vi. Modernization of Computer Centre (1992)
- vii. Modernization of Electrical Engineering Laboratory.
- viii. Thrust Area Project on Control System including Computerized. Control in Industry (1995)
- ix. Modernization of Electrical Laboratories (1999)
- x. AICTE Research Project on AI & Robotics (2000)
- xi. AICTE Research Project on Design of Controllers for flexible Robots (2004)
- xii. AICTE Research Project on Optical Network(2013)
- xiii. Modernization of Communication Engineering Laboratory(2014) (Proposal submitted)

D. RESEARCH ACTIVITIES :

Research and Development activities have been very significant in the present context as far as vast change in technology is concerned in the upcoming fields. The Department has created a culture of its own application oriented outcomes.

Every year a good number of technical papers is published in international as well as national

Journals/Conferences. Active research is being carried out in the field of :

- i. Signal Processing and Image Processing
- ii. Wireless Communication & Cognitive Radio Networks.
- iii. Robotics
- iv. VLSI
- v. Optical Communication and Optical Network
- vi. Intelligent Control

E. SCOPE OF ELECTRONICS & COMMUNICATION ENGINEERING:

The present academic scenario of the Department envisaged its potential status as far as official and student's activity is concerned. The Diploma Program in Electronics and Telecommunication Engineering has been in existence since the inception of the Institute. The course is approved by the SCTE & VT. The current intake capacity for the said course is 25 students. The Institute started its B. Tech program in Electronics and Telecommunication Engineering (E&TC) in the year 2008 with an approval from All India Council for Technical Education (AICTE) with an intake capacity of 50 students. This program aims at producing Engineers with in-depth and sound knowledge in Electronics Engineering and a strong background in communication. The Department has started two Post Graduate Programs in Electronics & Communication Engineering and Wireless Communication Technology specialization in 2014 and 2015 respectively.

This budding Department provides Diploma and Undergraduate programs simultaneously with an objective to prove its excellence, which emphasizes fundamental principles that responds to and able to generate technological change. The programs are designed to challenge the exceptional talent of ongoing students, ensuring to build up the technocrat ability among them so that they are equipped to target for a leadership role and to be competent enough with proven credentials. The students are ought to have the scope of opting professional fields such as, Design and Development of Electronic Equipments, Wireless Communication & networking system, VLSI Design & Instrumentation, Remote Sensing, Signal Processing, and Bio-medical Engineering Applications etc. Challenging careers in the public sectors like IES, MTNL, BSNL, DRDO, BARC, SAIL, BHEL, NTPC, PGCIL, ECL, BEL, NHPC, NPC, CGL, NALCO, Software Companies, State and Central Government Services etc. can also be a part of their achievement, which reflects huge potential of the course offered.

The Institute is actively engaged in research and development activities in areas like Speech Processing, Image Processing, Different Biomedical Applications, Optical Network, Wireless Optical Network, Radio Over Fibre, Cognitive Radio Networks in a Wireless Domain, Internet of Things (IoT) etc. Its initiatives and work strategy are supported by Govt. of India agencies like Department of Science and Technology, Department of Atomic Energy, AICTE, Ministry of New and Renewable Energy, Defence Research and Development Organization etc.

10. DEPARTMENT OF MECHANICAL ENGINEERING

Vision

- » To contribute to the society through excellence in imparting technical education and research programmes at the cutting edge of technology to meet the current and future challenges of technological development.

Mission

- » To impart the highest quality education to the students to build their capacity and enhance their skills to make them successfully survive in this era of Industrialization in Mechanical Engineering.
- » To provide quality and value-based education in the field of engineering leads to employability, higher education, and entrepreneurship..
- » To develop alliances with educational institutions, industries, R&D organizations, and alumni for excellence in research and consultancy practices.

A. FACULTY MEMBERS:

	Name and Qualification	Field of Specialisation
PROFESSORS:		
1.	Dr. B.D. Sahoo (Head of the Dept.) B.Sc.Engg.(VSSUT), M.Sc.Engg.(NIT, RKL), Ph.D.(IIT, Kharagpur) MIE(India), LMISTE(India) <i>Email_ID:</i> bdsahoo1990@gmail.com	Production Engg.,Metal forming Machining, Diamond Coated Tools
2.	Dr. S.K. Senapati B.Sc. Engg.(SU), M.Tech (IIT, Delhi) Ph. D., (MISTE, MIE (India)) <i>Email_ID:</i> sukantasenapati63@gmail.com	Applied Mechanics & Bio-Medical
3.	Dr. R.K. Swain B.Sc. (Engg.), M.Tech.(IIT, Delhi), Ph.D. (IIT, Delhi),FIE, MSAE, MISTE, LMOBA, ISLE Deputed to PMEC, Berhampur as Principal	Energy Studies, Alternative Fuels for I.C. Engines
4.	Dr. B.B. Choudhury B.E.(BAMU),M.E(VSSUT), Ph.D (NIT, RKL) <i>Email_ID:</i> bbcigit@gmail.com	Prod.Engg., CAD/CAM FMS, Robotics
ASSOCIATE PROFESSORS:		
6.	Dr. D. K. Behera B.E(NIT, Nagpur), M.E(S.U), Ph.D. (J.U.), MISTE, MIE <i>Email_ID:</i> dkb_igit@rediffmail.com	Industrial Engineering of Management, Production Engineering,Designer Science Powder Metallurgy
7.	Mr. P. R. Dhal B. Tech, (C.E.T.,OUAT) M.E(SU), Ph.D (Cont. at -9776444558) <i>Email_ID:</i> prdhal@gmail.com	Production Engineering
8.	Dr. Jayashree Nayak B.E.(VSSUT),M.Tech.(NIT, RKL), Ph.D MIE(India), LMISTE(India), M(OBA) <i>Email_ID:</i> jayashree nayak@igitsaranga.ac.in	Solar Thermal, Optimization of Renewable Energy System, Heat Transfer
9.	Dr. Supriya Sahu B.Tech(BPUT),M.Tech(NIT, RKL), Ph.D (U.U.) <i>Email_ID:</i> supriya.sahu@igitsaranga.ac.in	Metal Cutting, Nontraditional Machining, Robotics

- | | | |
|---------------------------------------|--|---|
| 10. | <p>Mrs. B.Singh
 B.Tech(KIIT, BBSR)
 M.Tech.(NIT, Rourkela), Ph.D (Cont. at U.U.)
 <i>Email_ID:</i> bbtssingh4@gmail.com</p> | I.C. Engine, Alternative fuel |
| 11. | <p>Dr. Rabinarayan Sethi
 Ph.D(UU), M.Tech(BPUT), B.E.(U.U), M.B.A.(Marketing B.U), MIE(India), MISTE(India), (GIST, Austrillia)
 MISTE(India), MIE, India, Ph.D. (U.U.)
 <i>Email_ID:</i> rabinsethi@igitsaranga.ac.in</p> | Condition monitoring, design of machine elements, mechanics, fluid mechanics and hydraulic machines, Mechanical Vibrations, Theory of Machine, machine dymanics, Material science and Production & Operation Management
Machine Design & Analysis, Robotis |
| 12. | <p>Mr. Manoj Kumar Muni
 B.Tech(BPUT), M.Tech (NIT, RKL)
 Ph.D (Continuing at NIT, RKL)
 <i>Email_ID:</i> mkmuni@igitsaranga.ac.in</p> | Machine Design & Analysis |
| 13. | <p>Mr. Sudhakar Majhi
 B.Tech(JIJM, Berhampur University)
 M.Tech (NIT RKL), Ph.D (Cont. at U.U.)
 <i>Email_ID:</i> smnitrkl@gmail.com</p> | Machine Design |
| 14. | <p>Miss J. Randhari
 B. Tech(IGIT Sarang), M.Tech(BPUT)
 Ph.D (Cont. at IGIT Saranga)
 <i>Email_ID:</i> julyrandhari678@gmail.com</p> | Heat Power Engineering |
| 15. | <p>Mrs. Krishnashree Sushree Sangita Sahoo
 B. Tech(IGIT Sarang), M.Tech (VSSUT Burla)
 <i>Email_ID:</i> krishnashree2007@gmail.com</p> | Machine Design Analysis |
| 16. | <p>Dr. Ansuman Padhi
 B. Tech(IGIT Sarang), M.Tech(VSSUT Burla)
 Ph.D (Cont. at IITBBSR)
 <i>Email_ID:</i> anshmech25@gmail.com</p> | Machine Design |
| 17. | <p>Mr. Ritesh Ku Patel
 B.E (RSR RCET, Bhilai), M.Tech(NITKKR)
 <i>Email_ID:</i> ritesh.patel54@gmail.com</p> | Engineering Tribology, Lubricants |
| 18. | <p>Mr Gaurab Ku Ghosh
 B.Tech(VSSUT,Burla), M.Tech(ISM Dhanbad), Ph.D(Contd at IIT (ISM) Dhanbad)
 <i>Email_ID:</i> gaurab0112@gmail.com</p> | Field of specilisation, Thermal Engineering, engine Exhaust emission, Alternative fuel, Optimaxation Technique |
| 19. | <p>Dr. Anand Gupta
 B.Tech(MITS Gwalior), M.Tech(NITW), Ph.D (KIIT)
 <i>Email_ID:</i> mits.anand@gmail.com</p> | Thermal Engineering, Alternative Fuel. |
| 20. | <p>Mr S R Pradhan
 B.Tech, M.Tech(IITM) ,Ph.D (Cont. at JNTU)
 <i>Email_ID:</i> soumya_plb@yahoo.co.in</p> | |
| ASST.PROFESSORS (CONSOLIDATED) | | |
| 21. | <p>Mrs. Sunita Panda, B.E.,
 (KIIT, BBSR)M.Tech(BPUT)
 <i>Email_ID:</i> sunita81panda@gmail.com</p> | Thermal Engineering |

- | | | |
|-----|---|---------------------------------------|
| 25. | Miss. Madhumanjari Saran
B.Tech(BPUT), M.Tech.(IGIT, Sarang), PhD. (Utkal University)
<i>Email_ID:</i> madhumajarisaranga@gmail.com | Production Engg. |
| 26. | Mrs Ipsita Dhar
B.Tech(BPUT), M.Tech(IGIT, Sarang)
<i>Email_ID:</i> ipsitadhar0191@gmail.com | Mechanical System Design |
| 27. | Mr. Padma Lochan Nayak
B.Tech(IGIT Sarang), M.Tech. (NIT, Patna)
<i>Email_ID:</i> | Thermal Engg |
| 28. | Mr. Arbind Kar
B.Tech(IGIT Sarang), M.Tech. (vSSUT, Burla)
<i>Email_ID:</i> arbindkar@gmail.com | |
| 29. | Mr. Dipesh Kumar Nayak
B.Tech(IGIT sarang), M.Tech(VSSUT, Burla), Ph.D (Cont. VSSUT Burla)
<i>Email_ID:</i> | Mechanical System Design |
| 30. | Mr. Sabyasachi Aich
B.Tech(BPUT), M.Tech(IGIT Sarang)
<i>Email_ID:</i> sabyasachibiet@gmail.com | Thermal Engg |
| 31. | Mr. Rakesh Mohanty
(B.Tech ITER, S'O'A UNIVERSITY, Bhubaneswar, M.Tech (BPUT, Rourkela)
<i>Email_ID:</i> rakeshmohantyiter@gmail.com | Machining, CAD/CAM & Tool Engineering |
| 32. | Mrs. N. Smruti Chhanda
B.Tech(IGIT Sranga), M.Tech (CET, BBSR)
<i>Email_ID:</i> smrutichhanda91@gmail.com | Thermal Engg |
| 33. | Mr. Sudhanshu Bhushan Panda
B.E. (DU), M Tech CAD/CAM(BPUT),
PhD (Continuing from UU)
<i>Email_ID:</i> sudhanshupanda@gmail.com | Production |
| 34. | Mr. Bibhu Prasad Panda
B.Tech(COEB, BBSR/BPUT), M.Tech(IGIT, Sarang/BPUT)
<i>Email_ID:</i> bibhuforigit@gmail.com | Mechanical System Design(MSD) |

B. LABORATORY FACILITIES :

The following well equipped laboratories are available.

- i. Applied Mechanics.
- ii. Automobile Engineering.
- iii. Bio-Medical Engineering & Robotics
- iv. CAD / CAM.
- v. Composite Material.
- vi. Finite Element Application.
- vii. Hydraulic Machines, Fluid Mechanics
- viii. Instrumentation
- ix. Machine Dynamics and Rotor Dynamics

- x. Mechanical Vibration
- xi. Material Testing.
- xii. Production and Metrology
- xiii. Refrigeration and Air Conditioning.
- xiv. Thermal Engineering.
- xv. Tribology.

C. WORKSHOP

Prof-in-Charge workshop	Field of Specialization
Dr. B. D. Sahoo Prof Mech. B.Sc. Engg (Mech.), M.Sc. Engg (S.U.) Ph.D, IIT, Kharagpur, LMISTE, MIE	Metal forming, Machining, Diamond Coated Tools.
Foreman	
Er. Purna Chandra Beura B.Tech., M.Tech (BPUT) - IGIT, SARANGA	

The workshop is under administrative and financial control of Mechanical Engineering Department. It is well equipped with all types of machines, tools and equipments in order to give practical training to both degree and diploma students in different branches of Engineering of the Institute. It consists of the following sections.

- i. Fitting
- ii. Carpentry and pattern making
- iii. Turning and Machine Shop
- iv. Welding and Sheet Metal Section
- v. Foundry
- vi. Blacksmith

Students have to practice and fabricate different jobs during workshop sessional classes.

Besides, the workshop provides the opportunities for the following purposes.

1. Fabrication work of the students for Practical Project
2. Maintenance of equipments of other departments of the institute
3. Preparation of test specimens for various laboratories of the institute.

D. Project and Consultancy:

With the financial assistance received from AICTE (Ministry of HRD, Govt. of India), the department has successfully completed the following projects in equipping the laboratories with modern and sophisticated equipments.

Sl.No.	Title of the Project	Duration (Years)	Amount (Rs.)
1.	Modernization of Mechanical Engg. Lab.	1988-89	15 Lakhs
2.	Studies on friction, wear and lubrication (Tribology)	1991-92	12 Lakhs
3.	Creation of Composite material and Polymer Science centre	1992-93	10 Lakhs
4.	Installation of CAD Centre	1993-94	8 Lakhs
5.	Creation of Instrumentation Lab.	1995-96	8 Lakhs
6.	Modernization of CAD Centre	1996-97	5 Lakhs
7.	Modernization of Mechanical Engg. Lab.	2008-09	15 Lakhs

Sl.No.	Title of the Project	Duration	Amount
		(Years)	(Rs.)
8.	MODROB Project (Mech Engg. Lab)	2012-13	19.6 Lakhs
9.	MODROB Project (CAD Lab.)	2012-13	8.8 lakhs
10.	MODROB of Workshop of Mech. Engg	2015-16	20.0 lakhs

Consultancy and testing service are being extended to nearby industries such as CMPDI, GAMMON INDIA, MCL and NTPC etc.

E. R & D PROJECTS / CONSULTANCY

The following R & D projects have been carried out with the financial aid of AICTE.

Sl. No	Title of the Project	Principal Investigator	Duration	Amount
			Years	Rs./-
(i)	Dynamic behavior analysis of linear/non-linear rotor bearing systems and optimization of rotor-bearing parameters for minimum dynamic response	Dr. B. B. Maharathi	2002-05	4 Lakhs
(ii)	Development of Diamond coated Cutting Tools.	Dr. B. D. Sahoo	2002-05	7 Lakhs
(iii)	Industrial Robot	Dr B.B.Choudhury	2013-14	16.5 lakhs
(iv)	Smart Automated Robotic Wheel Chair	Dr B.B.Choudhury	2017-18	10Lakhs

The department is actively involved in research and consultancy work to cater for need of industries / Govt. agencies / Non-Govt. agencies in the area of Nationalities, Design and analysis, Manufacturing Industrial estate etc.

F. RESEARCH ACTIVITY:

Research work are being carried out in the field of :

- i. Tribology
- ii. Bio Composites
- iii. Metal Cutting
- iv. Diamond Coated Tools
- v. Ceramic Tools
- vi. Alternate fuels
- vii. Optimization of Renewable Energy Systems
- viii. Robotics
- ix. Vibration Analysis and Rotor Dynamics
- x. Machine Dynamics
- xi. System Dynamics
- xii. Non-conventional machining, EDM

The department also offers scope to its faculty members as well as outside industry and institute personnel for undertaking research work for the award of Ph.D. degree in the field of Metal Forming, Robotics and Aerodynamics, Renewable energy systems, Alternative fuels for I.C. Engines (Gaseous fuel, vegetable oil & Biodiesel) etc. in addition to the above areas.

Every year, this department publishes a number of research papers in journals of International and National repute.

G. SCOPE OF MECHANICAL ENGINEERING :

With the present pace of Industrialisation, the scope of Mechanical Engineering is ever expanding with advancement in the areas of Computer Aided Design (CAD), Robotics, Flexible Manufacturing Systems (FMS), Rapid manufacturing, 3D Printing and Laser Technology etc.

Mechanical Engineering graduates have wide employment opportunities in manufacturing industries, power sectors, process plants and R & D organisations and software industries. Interested graduates can peruse higher studies in convenient discipline such as Machine Design and Analysis, Industrial Design, Thermal Engineering, Manufacturing Sciences, Industrial Engineering, Environmental Engineering, Energy studies and Information Technology etc. On successful completion of post graduate courses one can be absorbed in Research and Development organizations or Academic Institutions.

With the location of reputed industrial organisation nearby, as mentioned earlier, Mechanical Engineering students of this Institute get ample scope of acquiring the desired practical bias through regular industrial visits. The students are assigned practical problems in collaboration with nearby industries for their project work in the final year level. It is thus expected that the Mechanical Engineering Graduates passing out from this Institute will have self-confidence and right state of mind to compete for the jobs in State/ Central Govt. concerns. Incidentally, most of the passed out Mechanical Engineering Students have found employment in State/Central Govt. undertakings, Public Sectors, Defence Services and reputed private sectors like Maruti Udyog, TISCO, Mahindra and Mahindra, L&T, OCL, Reliance Industries, TCS, Infosys, PCS, WIPRO etc.

The Department is offering M.Tech programme in the specialization of “Mechanical System Design”, “Production Engg” and “Thermal Engineering”. This department has also been approved as a QIP Centre for Ph.D. programme.

11. DEPARTMENT OF METTALLURGICAL & MATERIALS ENGINEERING

Vision

- » To provide students abroad education necessary to understand the impact of Metallurgical and Materials Engineering solutions in a global, societal, and environmental context.

Mission

- » Based on the commitment of the Institute to education, Metallurgical and Materials Engineering Department is focused on imparting learning based, practice oriented technical education in Metallurgical and Materials Engineering through active involvement of students with extensive theory and laboratory experience as well as participation in project works, training programs and research activities.

A. FACULTY MEMBERS

Name and Qualification	Field of Specialization
PROFESSOR:	
1. Dr. S.C. Patnaik B.E. (REC, Srinagar), M.Tech(IIT, Kgp), Ph.D. (IIT, Kgp) <i>Email_ID:</i> sc_patnaik@yahoo.com	Physical Metallurgy, Powder Metallurgy
ASSOCIATE PROFESSORS:	
2. Dr. P. K. Mallik (Head of the Department) B.E., (U.U), M.Tech (IIT, Kanpur) Ph.D (IIT, Kanpur) <i>Email_ID:</i> prafulla.mallik@gmail.com	Tribology of ceramics, Bio- Materials, Nanocomposite
ASSISTANT PROFESSORS:	
3. Mrs. Swarnalata Behera B.E.(U.U), M.Tech(IIT, Roorkee), Ph.D Cont. IIT KGP) <i>Email_ID:</i> swarnalata.behera@gmail.com	Industrial Metallurgy Corrosion
4. Mr. Sandeep Kumar Sahoo B.E. (UU), M.Tech (NIT, Rkl) <i>Email_ID:</i> sandeep.talcher@gmail.com	Ferrous Extractive Metallurgy
5. Mr. J.Majhi BE (UU), M.Tech (IIT, Kgp) <i>Email_ID:</i> jogia7924@gmail.com	Industrial Metallurgy Materials Processing
6. Mr. A. B. Pattnaik, B.Tech (BPUT), M.Tech (CSIR, N. Delhi) <i>Email_ID:</i> amulyapattnaik@gmail.com	Physical Metallurgy, Non-Destructive Testing
7. Mr. Siddharth Tiwari B.Tech(CSJMU, Kanpur), MS (IIT, Kgp) <i>Email_ID:</i> siddhartha.tiwari@igitsarang.ac.in	Failure Analysis of Materials Fracture and fatigue of materials
8. Mrs. I.Tripathy B.Tech (BPUT), M.Tech (NIT, Rkl)	Phase Transformation of alloys
ASSISTANT PROFESSORS (Consolidated):	
9. Miss. P. P. Behera B.Tech(BPUT) <i>Email_ID:</i> priyankapriyadarshini48@gmail.com	

10. **Mr. Utpal Roy**
B.Tech & M.Tech (IIT, Kgp)
Email_ID: roy_utpl@yahoo.com
11. **Mr. Jayanta Kumar Sahoo**
B.Tech & M.Tech (BPUT)
Email_ID: jayantasahoo91@gmail.com
12. **Mr. Himansu Sahoo**
B.Tech(IGIT Sarang), M.Tech. (Jadavpur University)
Email_ID:
13. **Sambit Kumar Sahoo**
B.Tech(IGIT Sarang)
Email_ID: sambit497@gmail.com
14. **Ms. Shaswoti Mohanty**
B.Tech(BPUT)
Email_ID: shaswotimohanty@gmail.com
15. **Ms. Suman Swain**
B.Tech(NIT RKL), M.Tech(IIT KGP)
Email_ID: swainsuman666@gmail.com
16. **Mr. Aditya Sahoo**
B.Tech & M.Tech(BPUT)
Email_ID: sdityasahoo52@gmail.com
17. **Mr. Bhabani Prasad Sahoo**
B.Tech & M.Tech(BPUT)
Email_ID: bhabaniprasad96@gmail.com

MME (Metallurgical & Material Engg)

B. LABORATORY FACILITIES:

The department has set up the following laboratories with modern and sophisticated equipments with financial assistance received from World Bank.

- i. Physical Metallurgy Laboratory
- ii. Heat Treatment Laboratory
- iii. Mineral Dressing Laboratory
- iv. Foundry Engineering Laboratory
- v. Materials Testing Laboratory
- vi. Materials Characterisation Laboratory
- vii. Fuel Testing Laboratory
- viii. Computer Laboratory
- ix. Process Metallurgy Laboratory
- x. Biomaterials Processing and Characterisation laboratory

The major facilities available in the department are: (i) Microhardness Tester, (ii) Computerized UTM, (iii) Pin-on-Disc wear Testing machine, (iv) Carl-Zeiss Advanced Metallurgical Microscope with Image Analysis, (v) High Temperature Tube Furnace, 1400°C, (vi) High Temperature Melting Furnace, 1450°C, (vii) High energy Planetary Micro Mill, (viii) Nikon Florescence Microscope, (vix) Wayne Kerr Impedance Analyser 6500B series. (Vx) CO2 Incubator.

C. PROJECT AND CONSULTANCY:

The department has set up an Advanced Materials Processing and Characterisation Laboratory with grants from AICTE under the MODROB Scheme in 2002-03 and has also set up a Biomaterials Processing and Characterisation Laboratory with received grants from SERB, DST Govt. of India from 2017-2020.

The Metallurgical and Materials Engineering Department has been carrying out consultancy work in Analysis and Testing of Materials, Fuel Testing, Coal and Ore Analysis of nearby industries.

S.No.	Title of the Project	Agency	Principal Investigator	Duration Years	Amount Rs.
1.	MODROB Project (Materials Testing Lab.	AICTE	Dr.S.C.Patnaik	2002-2003	10 lakhs
2.	MODROB Project (Materials Processing Lab.)	AICTE	Dr.P.K.Mallik	2019-2020	10 lakhs

D. R & D PROJECTS

The following R & D projects have been carried out with the financial aid from different agencies:

S.No.	Title of the Project	Agency	Principal Investigator	Duration Years	Amount Rs./-
1.	Processing and Characterisation of Alumina-Calciumtitanate Electroconductive Nanocomposite for Femoral Head Replacement	SERB	Dr. P. K. Mallik	2017-2020	47.8 lakhs
2.	Financial Sanction under Teachers Associateship for Research Excellence (TARE)	SERB	Mr.Siddhartha Tiwari (IGIT Sarang) and Dr. Bhagyadhar Bhoi, (IMMT BBSR)		18,30,000/-

E. RESEARCH ACTIVITIES:

In the Department of Metallurgical and Materials Engineering, research work is being carried out in the areas of Al-Si based Metal Matrix Composites, Microstructure – Property Correlation in Hyper-eutectic Al-Si alloys, kinetics of metallurgical processes, processing of advanced materials, development of ceramic cutting tools and structure and deformation studies of aluminium based alloys and composite materials, processing of nanomaterials and nanocomposite, Tribology of materials, processing and characterisation of biomaterials.

F. SCOPE:

Metallurgy concerns with processing of metallic ores and extraction of different metals. The metals are then combined with other metals to produce alloys and with other materials to produce composites. The materials are then processed and fabricated by suitable processing techniques to give them the desired shape and characteristics. It also deals with the understanding of the structure and behaviour of Materials. In the last few decades, this understanding of materials and their processing has led to the development of new materials that has found wide applications in the areas of aerospace, nuclear technology, super conductivity, high temperature technology, biomaterials, electronic materials, lightweight materials in transportation sector, nanotechnology etc. Materials technology has itself emerged as a special discipline.

The industries nearby such as **NALCO, NABHACHROME, TATA BSL, IPISTEEL, IPITATA, NINL, JINDAL, BINDAL RSP, VEDANTA**, provide ample scope for tempering the textual knowledge of the students with practical insights. A student graduating in Metallurgical and Materials Engineering can enter into metallurgical process plants, manufacturing industries, research establishments, nuclear and space research organizations.

12. DEPARTMENT OF PRODUCTION ENGINEERING

Mission

- » To offer high-quality education and in turn produce highly-skilled Production Engineers familiar with traditional and non-traditional manufacturing as well as Advanced Production Technologies. “To offer scope for research and produce Research-oriented Engineers capable of aiding the area with research and development. To indulge students in group-learning and projects and encourage teamwork.

Vision

- » To emerge as one of the finest and recognized creators of highly skilled engineers capable of aiding major and leading industries.

A. Faculty Members :

	Name and Qualification	Field(s) of Specialization
PROFESSOR:		
1.	Dr. B.B. Choudhury Head of the Department BE (MU Aurangabad), ME (UCE Burla), Ph.D (NIT RKL) <i>Email_ID: bbcigit@gmail.com</i>	Robotics, Manufacturing Science, Optimization Technique
ASSISTANT PROFESSORS:		
2.	Mr. Ashok Kumar Pradhan B.Tech (VSSUT Burla), M.Tech. (NIT Agartala) <i>Email_ID: ashoknita001@gmail.com</i>	Computer Integrated Manufacturing
3.	Mr. Deepak Suna B.Tech (VSSUT Burla), M.Tech. (IIT Dhanbad) <i>Email_ID: deepaksuna4@gmail.com</i>	Manufacturing Engineering
4.	Mr. Himansu Sekhar Dash B.Tech (VSSUT Burla), M.Tech. (IIT Roorkee) <i>Email_ID: dashhimansu0237@gmail.com</i>	CAD/CAM, Robotics
ASSISTANT PROFESSOR (CONSOLIDATED):		
5.	Mrs. Swarna Laxmi Sahoo B.Tech (GCE Keonjhar), M.Tech (VSSUT, Burla) <i>Email_ID: sahooswarnalaxmi@gmail.com</i>	Manufacturing System Engineering
6.	Mr. Satya Ranjan Pal B.Tech (BPUT), M.Tech(VSSUT, Burla) <i>Email_ID: satyaigit17@gmail.com</i>	Production Engineering
7.	Ms. Supriya Soumyaranjan B.Tech (BPUT), M.Tech (IGIT, Sarang) <i>Email_ID: supriyasoumyaranjan@gmail.com</i>	Production Engineering
8.	Ms. Supriya Priyadarsini B.Tech (IGIT Sarang), M.Tech(VSSUT Burla) <i>Email_ID: spr.priyadarshini@gmail.com</i>	Production Engineering
ASSISTANT PROFESSORS (TEQIP-III):		
9.	Mr. Chandan Kumar B.Tech (BIT Sindri), M.Tech(IIT Dhanbad) <i>Email_ID: ckumar728@gmail.com</i>	Industrial Engineering and Management
10.	Ms. Niwedita B.Sc (BIT Sindri), M.Tech(NIFFT, Ranchi) <i>Email_ID: niweditab@gmail.com</i>	Manufacturing Engineering

B. LABORATORY FACILITIES

The following laboratories are available in the department:

- » CAD Laboratory
- » Metrology & Inspection Laboratory
- » Machine Laboratory
- » Robotics Laboratory

C. SCOPE OF PRODUCTION ENGINEERING

Production Engineering is a branch of engineering which deals with the study of developing, improving, implementing and evaluating the integrated system of people, money, knowledge, information, equipment, energy, material and the industrial process as a whole.

This branch has emerged as an independent discipline catering to the global need. The objective of the discipline is to enable engineers to improve efficiency and effectiveness of manufacturing and services sector industries. The curriculum is a perfect blend of mechanical, industrial and production subjects. The course makes graduate compatible with the existing and emerging needs of the industry.

Production engineers use principles of engineering, mass production and technology to help companies find ways to offer services or create a product efficiently. They also work to improve the product through better management and quality control.

Students having B.Tech degree in Production Engineering would understand existing technological trends and help to add new technology to the existing system. Most leading manufacturing industries look out for engineers who specialises in Production Engineering, so as to reduce cost, increase efficiency and make their products marketable in the competitive era. One can also pursue higher studies like M.Tech and Ph.D in Production Engineering after successful completion of B.Tech.

13. DEPARTMENT OF CHEMISTRY

VISION

- » To be nationally-recognized Department for educating and graduating students prepared to compete in and contribute to the ever-changing, technology-centered world of the 21st century and providing excellence in education, research and inspiring in Chemistry.

MISSION

To maintain a Department that gives equal importance in terms of our relevance of teaching and research by creating an environment that promotes:-

- » Independent thought, exchange of ideas and high ethical standards,
- » Development of innovative instructional techniques,
- » Use of modern educational technology in lecture and laboratory courses,
- » Increased opportunities and greater participation by underrepresented minorities,
- » Train and mentor students as responsible chemists and scientifically literate professionals involving them holistically in all aspects of chemistry and life,
- » Emphasize on the role of chemists in solving environmental problems,
- » Develop analytical skills and technical competence,
- » To hammer the importance of Basic Sciences and develop a natural elegance for Engineering and Technology which in turn shall mould the student into a competent professional.

A. Faculty Members

Name and Qualification

Field(s) of Specialization

ASSOCIATE PROFESSORS:

- | | | |
|----|--|--------------------|
| 1. | Dr. B.B.Panda,
(Head of the Department)
M.Sc.,M.Phil,Ph.D(S.U)
<i>Email_ID</i> :bbpanda@igitsarang.ac.in
8895920534 | Physical Chemistry |
|----|--|--------------------|

ASSISTANT PROFESSORS (CONSOLIDATED):

- | | | |
|----|--|-----------------------------|
| 1. | Mr. Ajit Kumar Panda
M. Sc. (BU)., M.PHil (MATS University)
<i>Email_ID</i> : ajitpanda1976@gmail.com | Green Chemistry |
| 2. | Mr. Rajib Lochan Sahoo
M. Sc. (SU)., M.PHil (MATS University)
<i>Email_ID</i> : rajibsahoo4@gmail.com | Green Chemistry |
| 3. | Dr. Satyajit Das
M.Sc. (SU), Ph.D and PostDoc. (Genoble University, France)
<i>Email_ID</i> : das.satya2005@gmail.com | Bio-material and Bio-energy |
| 5. | Mrs. Dr. Bishnupriya Nayak
<i>Email_ID</i> : | Bio-material and Bio-energy |

B. SCOPE OF CHEMISTRY DEPARTMENT

Chemistry is one of the oldest branches of basic science. The Department of Chemistry at IGIT

Sarang offers a two years M. Sc. program with student intake of 18 per year since 2015. Apart from this the Department also serves as an allied branch to all other Departments in Diploma and B.Tech since its inception. The Department is well equipped with highly qualified faculties and well trained staff to guide the students.

C. RESEARCH ACTIVITIES

The Department of Chemistry is also involved in various research activities in collaboration with various premier institutes including NITs and IITs. In summer 2018, as many as 7 master students have under taken their summer internship in different NITs and IITs. The Department has its own research lab equipped with instrumental facilities including UV-VIS spectrophotometer, pH meter, conductivity meter and flame photometer, incubator, high volume air sampler and etc. for carrying out fundamental research. The research output has been published in many international and national journals of high impact. The Department has organized many national conferences and seminars.

14. DEPARTMENT OF HUMANITIES

VISION

- » The Department of Humanities aims to promote excellence in teaching and research by nurturing a culture of enquiry based learning, and grooming students to be morally and socially responsible professionals who are sensitive to the larger societal good.

Mission

- » To develop sensitivity to ethical, aesthetic, and social issues
- » To promote excellence by honing students' intellectual and critical abilities
- » To promote research and evidence-based learning environment
- » To provide the students with the expertise and required knowledge
- » To promote a holistic learning environment through inter-disciplinary and collaborative learning
- » To train the students in contributing towards needs and aspirations of the community

A. FACULTY MEMBERS

Name and Qualification

PROFESSORS

1. **Dr. Binod Bihari Panda**
(Head of the Department)
Associate Professor, Dept. of Chemistry
Email_ID: hod.humanities@igitsarang.ac.in

English

ASSISTANT PROFESSORS (Consolidated)

2. **Mr. Debasish Nayak**
M.A., M.Phil, Ph.D(Continuing)
*Email_ID:*dnayakbeda@gmail.com
3. **Ms. Samarpita Dash**
M.A., M.Phil
*Email_ID:*samarpita.dash11@gmail.com
4. **Dr. Bibhuprava Hota**
M.A
*Email_ID:*bibhuhota49@gmail.com

ECONOMICS

5. **Mr. Sankar Moharana**
M.Com.(UU), M.Phil(BU), PGDCFM(IPSAR, Cuttack), (ICWAI, Kolkata)
*Email_ID:*moharanasankar@gmail.com
6. **Mrs. Mudhuswapna Pattanik**
M.A(UU), M.Phil(BU), Ph.D(Continuing)
*Email_ID:*madhuswapana.pattanik@gmail.com

MANAGEMENT

7. **Mr. Sagar Dash**
PGDM (AWDI, RKL), HR Marketing, PhD(Continuing.)
*Email_ID:*sagardash.dash@gmail.com
8. **Miss Kumudini Behera**
Inte. MBA HR(Angul Autonomus College)
*Email_ID:*kumudiniodisha25@gmail.com

15. DEPARTMENT OF MATHEMATICS

A. FACULTY MEMBERS

	Name and Qualification	Research interest
ASSOCIATE PROFESSORS:		
1.	Dr. Pitambar Das (Head of the Department) M.Sc., Ph.D. <i>Email_ID</i> :pdasigit@gmail.com	Differential Equation
ASSISTANT PROFESSORS:		
2.	Mrs. N. Mishra M. Sc., M.Phil. <i>Email_ID</i> :namitaigit63@gmail.com	Fluid Mechanics
ASST. PROFESSORS (Consolidated):		
3.	Mr. Chandra Sekhar Otta M.Sc(Ravenshaw University), M.Phil(Khallikote Autonomus College), Ph.D Cont. (Berhampur University) <i>Emil_ID</i> :chandrasedkharotta@gmail.com	Fluid Dynamics, Cosmology
4.	Mr. Kailash Chandra Paul M.Sc (Sambalpur Uni.), M.Phil(The Global open University), M.Tech(UU), Ph.D Cont. (IGTM Uni.) <i>Email_ID</i> :k09paul@gmail.com	Operation research, Computational Fluid Dynamics
5.	Mr. Sunil Kumar Sahu M.Sc(SU),M.Phil(SU), Ph.D Cont. (UU) <i>Email_ID</i> :jaga1282@gmail.com	Numerical Analysis, Relativity & Cosmology, Partial Differentiation, Operation Research
6.	Dr. Bharat Keshari Swain M.Sc, M.Phil, PhD(Ravenshaw Uni.) <i>Email_ID</i> :bharatkeshari1@gmail.com	Fluid Dynamics, Computational Fluid Dynamics
7.	Mr. Ajay Kumar Sahoo M.Sc (Ravenshaw Uni), M.Phil (Centurian Uni.) <i>Email_ID</i> :ajaysahoo20@gmail.com	Numerical Analysis, Partial Differential Equation
8.	Mr Bikasha Parida M.Sc(Ravenshaw Uni),M.Phil(SU), Ph.D Cont (UU) <i>Email_ID</i> :bcparida87@gmail.com	Fluid Dynamics, Partial Differential Equation
9.	Ms. Monalisa Pany M.Sc(North Orissa University) <i>Email_ID</i> :monalisa.pani94@gmail.com	Numerical Analysis
10.	Ms. Archana Pattanayak M.Sc(IGIT Sarang) <i>Email_ID</i> :archan.14121995@gmail.com	Cosmology
11.	Dr Prem kumar MSc(Bharathidarsan Uni) M.Phi, PhD (Podicherry University) <i>Email_ID</i> :akpremath@gmail.com	Commutative Algebra
12.	Mr. G.Jagadeesh M.Sc,M.Phil(Anna Uni.) <i>Email_ID</i> :jagan_gangadharan@yahoo.co.in	Graph Theory

16. DEPARTMENT OF PHYSICS

Vision

- » To built a foundation for excellence and encourage the development of Department as a Centre of Excellence striving continuously for scientific and technical research by igniting and promoting enthusiasm, interests and passion in the study of Physics.

Mission

- » To instill sprit of passion, dedication to work creatively, tolerance for views of every individuals in each member of the Department for betterment of society.
- » To support the developmental activities of the institution and make the Department vibrant.
- » To undertake collaborative scientific cutting edge research offering opportunities for long term interaction with academia and industry.
- » To produce well trained intellectuals with innovating thinking, knowledge, skills and having academic integrity and accountability.

A. FACULTY MEMBERS

	Name and Qualification	Research interest
1.	Dr. Md. N. Khan (Professors) MSc., Ph.D. (SU), LMOPS, LMIAPT <i>Email_ID:</i> mdnkhan1964@gmail.com <i>Mob:</i> 9437528149	Small Angle X-Ray Scattering
2.	Dr. S. K. Tripathy, (Head of the Dept.) M. Sc., M. Phil, Ph.D. (SU), LMISTE, PMOPS MIAGRG, LMIPA, MIAU <i>Mob:</i> 8280295995 <i>Email_ID:</i> sktripathy@igitsarang.ac.in	Nuclear Physics, Cosmology, Optical materials
ASST. PROFESSORS (CONSOLIDATED)		
3.	Dr. A. Pattanaik M. Sc., M. Phil., Ph.D. (SU) <i>Email_ID:</i> anuppattanaik@igitsarang.ac.in	Solid State Physics, Superconductivity, Optical Material
4.	Mrs. D. Behera, MSc, M.Phil, Ph.D (submitted) <i>Email_ID:</i> dipadolly@rediffmail.com	Nuclear Symmetry Energy, Neutron Star, Nuclear Equation of State, Cosmology
5.	Mr. N. Baral M. Sc., M. Phil (SU) <i>Email_ID:</i> nrusinghbaral922@gmail.com	High Energy Physics
6.	Dr. Anukul Prasad Parhi M.Sc. PhD (IIT, Kanpur) <i>Email_ID:</i> aparhi@gmail.com	Condensed Matter Physics, Solar Cell

B. LABORATORY FACILITIES

The department has a laboratory catering the needs of the Diploma Engineering, B. Tech and M.S.C (Applied Physics) students. The major instruments in the laboratory include Hall Effect experiment set up.

PROJECT TRAINING AND PLACEMENT

First year M.Sc. students undertake their project training and summer internship at different institutes of national and international repute such as Institute of Physics Bhubaneswar, UGC-DAE Consortium , Indore, IGCAR, Kalpakkam, Punjab University, Chandigarh, NIT, Rourkela and etc.

The students passed from the department are placed in different research institutes as research scholar. Some of the passed out students work as faculty members in some distinguished educational institutes.

C. RESEARCH ACTIVITY

The department, at present, have 06 (S) no. of faculty members with long years of teaching experience. The department has achieved an international research reputation, with a substantial research contacts across the globe. The prime focused area of research in the department include: Small Angle X-ray Scattering studies of organic fibers, Cosmological models with dark energy candidates, Modified Theories of Gravitation, Optical materials, Nuclear Symmetry Energy and Nuclear Equation of state , Neutron Star, Thermodynamic properties of Superconductors and Aerosol Science. The research experience of the faculties amply supplements and feed into the teaching experience. The department has published 25 research papers in peer reviewed journals of national and international repute and two books in last five years. Every year, this department organizes National seminars and workshops in which many eminent persons from different institutes of repute come and interact with the students and faculty members.

D. SCOPE

The post graduates of the department will have a bright scope to indulge in research activity in different institutes of national and international repute. The students will also be able to compete and succeed in different national level tests like NET, GATE, JEST etc. The students will have a scope to find jobs in different R&D institutes like BARC, IGCAR and various industries. The students will also have an (i) ability to identify, formulate and to solve problems of Engineering and Physical sciences, (ii) ability to develop and apply analytical as well as experimental methods of investigation to real physical problems beneficial to society at large, (iii) to communicate effectively and efficiently in a professional environment through Scientific and technical reports and presentations, (iv) ability to justify technically, with proper scientific explanations, the physical problems and phenomena to diverse audiences, (v) an ability to work in teams of multidisciplinary nature with enough professional skill and ethical responsibility, (vi) an ability to formulate a system, component or process to achieve the goal within economic, environmental, social, political, ethical, health and safety constraints.

17. CAREER DEVELOPMENT CELL

Dr. B.B. Choudhury

(In Charge of Career Development Cell)

B.E.(BAMU),M.E(VSSUT), Ph.D (NIT, RKL), M.Sc (NIT, Rkl), Ph.D (S.U.)

Every year, the department arranges

- i. Local Industrial Tours.
- ii. Industrial Tours outside Odisha.
- iii. Vocational training of B.Tech. Students.
- iv. Apprentice Training.
- v. Workshops, seminars, special training of faculties through Industry Institute Interaction Programmes, Extramural Lectures by professionals from industries and reputed institutions of the country and abroad.

Apart from above, reputed firms like Infosys, TCS, PATNI Computers, Haldia Petrochemicals Ltd., Larsen and Turbo Ltd. etc., visit the Institute every year and recruit students of this Institute through campus selection.

18. LIBRARY

A. Library Committee Members

Name	Department
Prof. M.Srinivas	(In-charge) CSc. Dept.
Dr. P.K.Mallick	(Mett. Dept.)
Prof. U. Mahanta	(Electrical Dept.)
Prof. Upasana Nayak	(ETC, Dept.)
Prof. N.K.Pani	(C.Sc. Dept.)
Prof. Bhagirathi Tripathy	(Civil Dept.)
Prof.Dillip Ku. Baral	(Arch. Dept.)
Prof. Rabiranjana Murmu	(Chemical Dept.)
Prof. Deepak Suna	(Prod. Dept.)
Prof. Jayashree Nayak	(Mech. Dept.)
Dr. B.B.Panda	(Chemistry)
Dr. S.B. Padhy	(Convenor/ Secretary) (Librarian in-charge, PhD.)

B. LIBRARY FOR B. TECH , B.ARCH , M.TECH ,MCA & MSC:

The Institute library has a valuable collection of about 38,000 text and reference books, Hand books I.S. codes. About 09 nos. Of e-journals (foreign) 80 nos. of e-journals (Indian) & 60 nos. Indian journals are being subscribed to Institute Library.

The library remains open from 9.00 A.M. to 9.00 P.M. without lunch break on all working days except on Saturday. Saturday timing is from 9 AM to 1.00 PM. On Sunday and other Public holidays it is closed.

All the library transactions work are being done through computer as the library is a fully automated library. Bonafide users of the institute library are:

- i. All faculty and employees of the institute
- ii. All bonafide students of the institute

C. LIBRARY RULES:

1. All bonafide students must bring their Library Cards for entering into Library. They must use the Library Cards for issuing Books.

2. All bonafide students of the institute shall be allowed to borrow up to a minimum of two books. However, all pre-final year B.Tech and second year MCA/M.Sc. students can borrow three books and a final year B.Tech., M.C.A. students are allowed to borrow one additional book (i.e. four books at any time).
3. All student borrowers may be permitted to retain books by them for a maximum period of 30 days without fine (the days calculated are inclusive of the date of issue.) A book issued to a student borrower may be reissued on request for two consecutive periods of 30 days each provided there is no earlier demand for the same book. At the time of renewal the book to be re-issued shall be presented physically at the library counter by the borrower personally.
4. If a student borrower fails to return the books issued in his name on or before the due date, an overdue charge of 1.00 rupees per day per book shall be charged up to 10 days of default. The calculation of days will include the date of return. The rate of over due charge will be increased by 2.00 rupees per day per book for the defaulters starting from the 11th day onwards after the due date, till the date of actual return.
5. If a student borrower fails to return any book issued in his name within 45 days from the due date, necessary steps shall be taken to recover the borrowed books or the current price of the book/books in addition to special fines as per rules. The special fines shall be charged @ 10% of the cost of the book in the maximum and may extend to 100% of the present cost of the book depending on the importance of the book which is to be decided by the library committee.
6. Whenever the institute decides a physical stock verification of the library, the Librarian may recall all borrowers to return the books for a specified period. The manner of such recall may be decided by the institute as may be deemed proper irrespective of the preceding rules.
7. The account of overdue charges and similar other collections made from library users shall be maintained separately by the institute. The funds thus collected shall be utilised for the development of the library.
8. If a student leaves the institute without obtaining clearance from the library necessary steps shall be taken by the institute to realise the dues.
9. Books and documents which are considered rare shall not on any account be taken outside of the library premises.
10. Hand books, rare reference materials, encyclopedia, ISI specification, codes and selected texts and reference books kept in the reserve section shall not be issued to borrowers but can be referred inside the library only.
11. Journals and magazines are to be used strictly inside the library and those including old volumes shall not be issued to any borrower under normal circumstances.
12. Private books and personal belonging should be kept in the property counter before entering into the library.

D. SPECIAL INSTRUCTIONS :

1. A borrower who causes any damages to a book / journal may be called upon to pay such penalty as the committee decides. i.e. Five times the cost of book.
2. If anybody causes damage to the furniture or attempts to remove from the library a book/journal that has not been duly issued to him by the authorised library staff, appropriate action shall be taken against him as per library rule, i.e. five times the cost of the book.
3. Conversation and smoking are strictly prohibited inside the library.
4. Borrowers are advised to inspect books issued to them at the time of issue and to call attention to any damage or defacement detected by them. Any damage or mutilation of a book noticed at the

time of returning shall be ascribed to the borrower.

5. Loss of book / journals shall be reported by the Librarian to the Library Committee.

E. LIBRARY FOR DIPLOMA STUDENTS:

1. The institute has a separate library for Diploma students under the direct supervision of the librarian. It has 10,000 text, reference. ISI code and hand books. Bonafide users of all library are :

1.1. All teaching staff and other employees of the Institute.

1.2. All Diploma students of the Institute.

2. The usual working hours of the library is from 7.00 A.M. to 9.00 P.M. on all working days except on Saturday and other public holidays. The above working hours may be changed with proper notification.
3. It is a closed access library. Students have to get the books issued/return books at the issue counter. However there is a reading provision for student inside the library. The issue & return of books will be made on fortnight basis. The days of the week for transaction of books for different years will be notified from time to time.
4. A student can borrow 3 books at a time from the library and shall be permitted to keep it for a maximum period of one month. He has to get the book reissued within one month from the date of issue. If a student borrower fails to get re-issued/return the book issued in his name on or before the due date, an overdue charge of 1.00 rupees per day per book shall be charged upto 15 days of default. The calculation of days includes the date of return. The rate of overdue charge will be increased to 2.00 rupees per day per book for the defaults starting from 16th day onwards after the due date.
5. If a student borrower fails to return any book issued in his name within 45 days from the due date, necessary step shall be taken to recover the borrowed books or the current price of book/books in addition to special fines as per rules. The special fines shall be charged @ 10% of the cost of the book in the minimum and may extend to 100% of the present cost of the book depending on the importance of the book to be decided by the professor in charge of the library.

19. BOOK BANK

1. The difficulties of the students to buy costly text books are solved partially by the Book Bank of the institute. Purchase of books of such purposes is restricted to prescribed text books only. Initially, some financial assistance was provided by the District Welfare Officer for purchase of books for the Book Bank. Presently it is self managed by the revenue earned from the students. Depending on the requirement of the students new books are purchased before the start of an academic session.
2. The books are suitably distributed among the students keeping in view the norm that one set of books is meant for 7 students, for entire course. The allotment of books is decided by lottery and the students are to bear 1/8th of the cost of the books. The books should be returned to the Book Bank at the end of each Semester.
3. The students who discontinue study in the middle of the session should ensure that the books in their name are returned back to the Book Bank.
4. It is the responsibility of the students to maintain the books supplied to them from Book Bank in good condition. Any case of loss or damage to the book shall lead to penalty. In case of serious damages also the student has to bear the full cost of replacement of the books.

20. CULTURAL ASSOCIATION

The Cultural Association plays a pivotal role in exploring the multi dimensional talents of the students

resulting in shaping their personality. The Association is run by nominated/elected student secretaries and representatives under the supervision of faculty members. The Cultural Association remains busy throughout the year in several activities such as Freshers' welcome, invited talks by luminaries, annual dramatic and literary competitions and programmes. The Association publishes the Institute's annual magazine "Technoquest" and the Souvenir of Final year students "Memoirs" along with a quarterly news letter "IGIT-HERALD"

21. NCC, IGIT, SARANG (UNITY AND DISCIPLINE)

The IGIT NCC was established in the year 2003 under self finance scheme and subsequently it has been regularized under open vacancy scheme by 12 (O) BN. Dhenkanal, a unit of Cuttack Group. The company carries out various activities such as Tree plantation, Blood donation, Social awareness programs etc. apart from participating in institute Republic Day and Independence Day parade. Also the SD/SW cadets are encouraged to attend various National level camps and adventurous activities such as NIC, SMIC, Parasailing, mountaineering, tracking etc. to help bridge the cultural gap among various States of India, inculcating and strengthening leadership traits amongst the cadets.

Ass. NCC Officer :	Lt. M.P. Behera Asst.Prof.Elect. Engg.
Eligibility :	1 st year B. Tech between age group of 15 to 26 years.
No. of Cadets :	50

B. Camp Record :

Sl. No.	Name of Camp	Address	No. of Cadets	Achievements
1.	CATC, Bhapur	Bhapur, Dhenkanal	13	1 st Prize in Discipline
2.	SNIC, Jaiselmer	Jaiselmer, Rajasthan	16	1 st Prize in Cultural Event
3.	Annual Firing Camp	12 (O) Bn., Dhenkanal	10	-
4.	CATC, Chandikhol	Chandikhol, Cuttack	03	-
5.	CATC, Nalco	Nalco, Angul	09	1 st position in Discipline

D. Career Options :

Apart from regular reservation for NCC cadets in various Govt. sector jobs and higher studies, there is 100 vacancies allotted for NCC 'C' certificate holders in short service Commission in Indian Army. They are exempted from appearing in the written Combined Defence Examination conducted by UPSC.

E. Scholarship :

Sahara Scholarship for perusing higher studies in professional courses is being awarded to the cadets who have completed 2 years of NCC with minimum 80% attendance. Scholarship Amount : Rs. 30000/- each annually.

Cadets Welfare Society Scholarship : A sum of Rs. 5000/- each awarded to 500 cadets.

22. SOCIETY OF PHYSICAL EDUCATION & RECREATION (SPER)

The Society of Physical Education & Recreation is a key avenue for Games and Sports activities of the students. The Society is run by the nominated/elected student Secretaries and Class Representatives. The activities are well planned, organised and conducted under the supervision of associated faculty members and a physical Training Instructor. The institute boasts of having one of the largest and best multi-purpose playground of the State (Dr. M.P. Mishra Memorial Playground) having provision for a 400 mtrs. Athletic Track, Cricket ground, Football ground, and Hockey ground. The Institute also has one Basketball Court, Flood lighted Badminton and Volleyball courts etc. The Society has been organising many District Level, University level and State level tournaments. SPER conducts the Annual Athletic Meet as well as the Inter Class Tournaments in various major games round the year. "UTSAHAN" an All Odisha Inter Engineering College Sports Meet for Degree Colleges is being organised by SPER for last three years and similarly "MEGALOMANIA" The Games Festival of Engineering Schools and Polytechnics of Odisha are being conducted by the society. The institute teams in different discipline have often come back with flying colours from participation in BPUT, IIT and other tournaments.

23. IGIT HEALTH CLUB

A multi Gym named the IGIT HEALTH CLUB provides opportunity to keep the students, staff and their wards physically fit. The club at present is well equipped with modern apparatus for three segments such as Cardio Vascular efficiency, Weight Training (Shape Up in Style) and General Fitness. Registered members of the Club are entitled to avail the facilities on payment of nominal user fee. The Winter Session of the Club is 1st Aug. to 31st Jan. Whereas the Summer Session starts from 1st Feb. and ends on 31st July each year. Enrolment procedures for respective sessions are to be over by 20th of July and January. The Club is managed by the Society of Physical Education & Recreation at present.

24. ALUMNI ASSOCIATION.

Alumni Association of IGIT, Sarang came into existence in the year 1986 by the then name of 'Old Boys Association'. The outgoing students of B.Tech and MCA are inducted as life members of the Association in the "Annual Alumni Meet" held every year. The Alumni Office is situated within the Institute campus and a second office is coming up shortly in Bhubaneswar. The association also has several regional/local chapters operating at different parts of the state and outside the state. These chapters conduct Alumni meets from time to time.. The Association has also set up its own website by the name www.igitalumni.org

25. ACADEMIC REGULATION

25.a. EVALUATION SCHEME FOR B.TECH, B.ARCH, MCA, M.TECH AND M.SC PROGRAMMES UNDER AUTONOMY FROM 2018-2019 ONWARDS ADMISSION BATCH

1. Grading System

1.1. A letter grading system shall be followed in the Institute. The uniform Grading System to be followed for all B.Tech, B.Arch, MCA, M.Tech and M.Sc. Academic Programmes shall be as described below:

A Nine Point grading system on base of 10 shall be followed in the Institute. Categorization of these grades and their correlation shall be as under:

Qualification	Grade	Score on 100 Percentage Points	Point
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Outstanding	'O'	90 & above up to 100	10
Excellent	'E'	80 & above but less than 90	9
Very Good	'A'	70 & above but less than 80	8
Good	'B'	60 & above but less than 70	7
Fair	'C'	50 & above but less than 60	6
Below Average	'D'	37 & above but less than 50	5
Failed	'F'	Below 37	2
Malpractice	'M'	-	0
Absent	'S'	-	0

Grade-sheet would be issued year-wise to students who have cleared all the subjects as per syllabus of the lower semesters.

N.B. Grade C shall be considered as average, Grade D shall be pass Grade for theory and Grade C shall be pass Grade for Practical/ Sessional/ Project/ Seminar/ Viva-Voce/ Internship.

1.2. A student's level of competence shall be categorized by a GRADE POINT AVERAGE to be specified as:

- » SGPA – Semester grade point average
- » CGPA – Cumulative grade point average

It shall be the basis of judging his/ her overall competence in the course.

1.3. Definition of terms:

- » POINT – Integer equivalent each letter grade
- » CREDIT – Integer signifying the relative emphasis of individual
- » Course item(s) in a semester as indicated by the Course structure and syllabus.
- » CREDIT POINT – (b) x (a) for each course item
- » CREDIT INDEX – Σ CREDIT POINT of course items in a semester

» GRADE POINT -

» SEMESTER GRADE POINT AVERAGE (SGPA)
$$\frac{\text{CREDIT INDEX}}{\Sigma \text{CREDIT}}$$

» SGPA -

» CUMULATIVE GRADE POINT AVERAGE (CGPA)
$$\frac{\text{CREDIT INDEX}}{\text{CREDIT POINT AVERAGE (CGPA)}}$$

» SGPA -

$$\frac{\text{CREDIT INDEX of all previous Semester}}{\Sigma \text{CREDIT of all previous Semester}}$$
 up to a Semester

2. Examinations:

The Institute shall have continuous evaluation system for each theory, practical, sessional, design and project papers.

2.1. Theory Papers

A theory paper will have 100 percentage points. The weightage for internal evaluation and the end semester examinations will be as follows:

		Maximum Marks	Pass Marks
Internal Evaluation	Class Test – I of one hour duration	15	-
	Class Test – II of one hour duration	15	-
	Quiz/ Surprise Test	05	-
	Assignments/ Attendance	05	-
	Total	40	-
End Semester Examination of three hours duration		60	21
TOTAL (Internal Evaluation + End Semester Examination)		100	37

Pass grade is D in Theory i.e. 37 percentage points and C i.e. 50 percentage points in all other items.

2.2. Practical Papers

A practical paper shall have 100 percentage points.

Each practical / experiment (work) shall have equal percentage point as its weightage.

The relative weightage of the components are also given below in percentage.

Experiment (work) planning and execution	20 %
Results and interpretation	30 %
Report	30 %
Understanding on the theory related to experiment	20 %
Total	100 %

Minimum score for a Pass in Practical Paper shall be 50 percentage points.

2.3. Sessional Papers

Sessional paper will carry 100 percentage points.

A sessional job has to be evaluated based on the following considerations.

Quality of job	50 points
Understanding of the job and related theory	30 points
Quality of report and Viva - Voce	20 points
Total	100 points

Minimum score for a Pass in Sessional Paper shall be 50 percentage points.

2.4. Project Item

A Project item shall carry 100 percentage points.

Evaluation of a major / minor project will be done on following points.

Understanding the relevance, scope and dimension of the project	10 points
Relation to literature / application	10 points
Methodology	10 points
Quality of Analysis and Results	10 points
Interpretations and Conclusions	20 points
Report	20 points
Defence	20 points
Total	100 points

The evaluation shall be done by a committee of teachers where the Project Supervisor shall be a member. His evaluation shall carry 50 percent weightage. The other members shall have 50 percentage weightage. For major project, an external expert shall be involved.

Minimum score for a Pass in Project item is 50 percentage points.

2.5. Seminar Item

Seminar performance will be evaluated by a committee of teachers. It will have the following components.

Quality of Material	30 points
Quality of Presentation	30 points
Quality and extent of response from other students	20 points
Participation in other Presentations	20 points
Total	100 points

Minimum score for a Pass in Seminar item shall be 50 percentage points.

2.6. Comprehensive Viva - Voce Item

This shall be done by a committee of teachers with participation of an External Expert from an Institution / Industry of repute.

The Comprehensive Viva - Voce Item shall carry 100 percentage points.

Minimum score for a Pass in Viva - Voce is 50 percentage points.

2.7. Internship Item (for B.Tech programmes)

The evaluation shall be done by a committee of teachers.

The Internship Item shall carry 100 percentage points.

Minimum score for a Pass in Internship is 50 percentage points.

2.8. Mandatory Courses/ Audit Courses

Minimum attendance is necessary to clear the Mandatory or Audit courses. No grades are awarded in these courses.

25b. Academic Regulations of Diploma Programme

1. Eligibility of Appearing Examination:

No student shall be admitted to any examination unless he or she has:

- 1.1. Attended at least 75 per cent of the total number of classes and 750 minimum contact hours as per A.I.C.T.E. norms from the beginning of the session taken during the year in each of the theory papers and practical classes individually to be certified by the teacher taking the classes concerned and endorsed by the Principal. In case of students remaining any other reason, they shall lose their attendance and the percentage of attendance shall be calculated by taking in account all classes actually taken during the year. State Government on the recommendation of the Director of Technical Education & Training, Orissa subject to non-contradiction of A.I.C.T.E. guide lines for achieving a minimum contact hour may declare any part of the session as holiday/vacation or otherwise for not taking into account in percentage calculation. As per the directives of SCTE&VT student's Bio-metric Attendance system has been implemented in the institute.

- 1.2. And has good conduct in the Inst./Hostel to the satisfaction of the principal of the institution in which she/he is student.
- 1.3. Shortage of attendance on account of illness if any case be condemned upto 15 per cent by the secretary. State Council of Technical Education and Training, on application in writing alongwith a medical certificate duly recommended by Principal provided that the said medical certificate should be from the Medical Officers of the Institution or from a Govt. Doctor not below the rank of an Asst. surgeon.
- 1.4. A student who have remained absent for a period of 30 days or more without any intimation, deemed to have been dis-continued and they shall not be re-admitted during that session.
- 1.5. Student remaining absent for more than 3 days with prior intimation may be considered for re-admission on fulfilment of the following conditions.
 - » Parent/Guardian shall personally approach the concerned Principal with written application requesting for re-admission.
 - » Pay re-admission fee as prescribed.

N.B.: Boarders who have remained absent for a period of 3 days or less, the above such clause I-IV and V will not be applicable, but such incidences should not occur frequently causing loss of contact hours more than 20 per cent in any month. In such cases Principals of the Institution are authorised to apply any of the clauses of IV or V as deemed fit to any irregular boarder, immediately after recurrence of loss of contact hours exceeding 20 per cent. Review of absentees is the duty of every teacher of the concerned faculty.

2. Pass in Examination:

In order to pass in examination Candidates should obtain the marks as prescribed in Examination Scheme of the Syllabus from time to time.

- 2.1. Theory: At least 35 percent of the total marks in each theory papers.**
- 2.2. Practical: At least 50 percent of the total marks in each practical examination.**
- 2.3. Aggregate: 45 per cent in aggregate of the total marks for Engineering Courses. Pass mark in each subject is 45 per cent, Aggregate 45 per cent.**

3. Back Paper Concession:

Students passed in aggregate and failed in one or two or up to maximum of those subjects will be eligible to avail back paper concession and such students will go to higher class provided they are eligible otherwise. Except the above other students will appear in all subjects even though they have passed in aggregate and shall not go to higher class.

4. Award of Division:

On passing all the examinations as prescribed in the syllabus, Final Diploma/Post Diploma Certificates will be issued by the State Council for Technical Education and Vocational Training, Orissa 1st Class, 2nd Class and Pass depending on the marks secured by candidates as detailed below:

For this purpose, the total marks of 2nd year and 3rd year will be taken in to account for 3 years Diploma Course. In all other courses the entire total marks of the course will be taken into account to arrive at the percentage of marks secured.

- 4.1. 1st Class with Hon. : 75 per cent and above of the marks secured.
- 4.2. 1st Class : 60 per cent and above but less than 75% of marks
- 4.3. 2nd Class : 45 per cent and above but less than 60 per cent of the marks secured

- 4.4. Pass: Below 45 per cent marks secured but above 40 percent in case of Engineering Diploma.
- » Students who have secured more than 75 percent with back paper in 2nd or 3rd Year Examinations are not eligible for award of honours.
 - » Immediately after declaration of the results, the successful candidates as per sub rule (i) above may apply through their respective principals in prescribed application form with fees for issue of final Diploma/post Diploma Certificate. Successful candidates of orthotics or prosthetics Diploma are required to complete six months of internship before applying for final Diploma Certificates in the same manner.

Duplicate Diploma can be issued if the Original Diploma is actually lost/destroyed by the candidate for which a court affidavit to that effect in original has to be submitted by the candidate along with the requisite fees and application in the prescribed form through the Principal of the concerned Institution. On receipt of the same, the Duplicate Diploma will be issued by the State Council.

5. Examination Rules (Re-Admission):

The following categories of students may be allowed for readmission.

- 5.1. Students in the 1st year class who could not appear in the examination of that year due to shortage of attendance may seek readmission to the class in the immediate subsequent academic year only, provided that he or she has attended at least 40 percent of the class in each subject (both theory & practical) held during the year in which he or she has fallen short of attendance.
- 5.2. A student who has studied in second year or third year as the case may be, but could not appeared in the examination of that year due to shortage of attendance may seek readmission 2nd or 3rd year, as the case may be beginning in the next subsequent year only.
- 5.3. Students who have failed in all subjects may if he/she so likes take readmission in the same class as regular students.
- 5.4. Re-admission in both the above cases is subject to satisfactory conduct of the students.
- 5.5. Students coming under clause (i), (ii) above and intending to take readmission in the institution has to apply for the same before the commencement of the session and his attendance will be counted from the beginning of the session along with regular students.

6. Limitation of Period of appearing Diploma Examination:

Every student shall be required to complete and pass the Diploma Course within Seven years from the date of his first registration in the State Council including, the period of discountenance, but excluding the debarred period under rule-II. The students who have failed to complete & pass the Diploma Course within 7 years as stated above shall be issued a compulsory T.C.

Students who have been continuously appearing all examinations without losing any chance, may be allowed one more chance beyond 7 years to complete the Diploma on the recommendation of the concerned Principal.

7. Procedure for Admission into the Diploma course:

Selection of candidates for taking admission into the Diploma course of the Institute are being done by the Director of Technical Education and Vocational Training, Orissa. Interested candidates desirous of taking admission into this Institute are to apply for the same in response to the advertisement published by the Director, Technical Education and Vocational training, Orissa and give their option in favour of the Institute.

25.c. FEES

This being an Institute dealing with both degree and diploma students in the same infrastructure the diploma students no doubt will get enormous facilities for their curricular development with payment of the fees as will be decided by the management from time to time.

The fees structure of Govt. of Odisha will be applicable for Diploma students of IGIT, Sarang.

N.B.:

1. The fees structure may be revised as will be revised/modified by the management of the Institute, without any prior notification.
2. All 2nd and 3rd year students are also to pay the same fees except one time refundable fees.
 - » Student desirous to stay in the hostel shall have to pay Rs. 2500/- towards Mess due at the time of allotment of accommodation.
 - » Students seeking re-admission to a particular year/class will pay Rs. 100/-. Students are to pay their monthly hostel charges as per the actual for the respective months as will be notified by the Superintendent in the hostel before being permitted to pay the institute dues.

All the fees paid including the caution money deposits and mess security will be forfeited to the institute, if a student is removed or withdrawn from the institute without completing the whole course. Mess advance may be refunded after deduction of dues if any.

In case of new entrant who wants to withdraw himself from the Institute after admission, he should be supported by his parent/guardians giving reason thereof. No such application will ordinarily be entertained after 30 days of the respective classes. On necessary approval of the withdrawal request, the following fees may be refundable after deduction dues if any.

- » Institution general caution money
- » Mess advance

25.d. EXAMINATIONS

The State Council shall conduct examinations at the end of each Semester course namely Winter Semester & Summer Semester.

26. COURSE STRUCTURE & SYLLABUS FOR FIRST YEAR

A. B.Tech Programme 2018 onwards

First Semester				Second Semester			
Theory				Theory			
Course Code	Course Name	L-T-P (Periods /Week)	Credits	Course Code	Course Name	L-T-P (Periods /Week)	Credits
BSMA1101	Mathematics-1	3-1-0	3	BSMA1106	Mathematics-II	3-1-0	3
BSPY1102/ BSCY1103	Physics/ Chemistry	3-0-0	3	ESME2113	Engineering Mechanics	3-1-0	3
ESEE2101/ ESEC2102	Basic Electrical Engineering / Basic Electronics Engineering	2-0-0	2	BSCY1103/ BSPY1102	Chemistry / Physics	3-0-0	3
ESCE2103/ ESME2104	Basic Civil Engineering/ Basic Mechanical Engineering	2-0-0	2	ESEC2102/ ESEE2101	Basic Electronics Engineering / Basic Electrical Engineering	2-0-0	2
HSHM3101/ ESCS2105	Communicative English / Programming Language using C	3-0-0	3	ESME2104/ ESCE2103	Basic Mechanical Engineering / Basic Civil Engineering	2-0-0	2
				ESCS2105/ HSHM3101	Programming Language using C/ Communicative English	3-0-0	3
Total (Theory)		14	13	Total (Theory)		18	16
Practical / Sessional				Practical / Sessional			
BSPY7104/ BSCY7105	Physic Lab/ Chemistry Lab	0-0-3	2	BSCY7105/ BSPY7104	Chemistry Lab/ Physic Lab	0-0-3	2
ESEE7106/ ESEC7107	Basic LElectrical Engg. Lab/Basic Electronics Engg. Lab	0-0-3	1	ESEC7107/ ESEE7106	Basic Electronics Engg. Lab /Basic LElectrical Engg. Lab	0-0-3	1
ESCE7108/ ESME7109	Basic Civil Engg Lab./ Basic Mechanical Engg. Lab	0-0-3	1	ESME7109/ ESCE7108	Basic Mechanical Engg. Lab /Basic Civil Engg Lab.	0-0-3	1
HSHM7102/ ESCS7110	Communicative English Lab/ Programming Language using C Lab	0-0-3	1	ESCS7110/ HSHM7102	Programming Language using C Lab / Communicative English Lab	0-0-3	1
ESCE7111/ ESME7112	Engineering Graphics & Design Lab/ Workshop Practice	0-0-3	2	ESME7112/ ESCE7111	Workshop Practice / Engineering Graphics & Design Lab	0-0-3	2
MCGN9101	Induction Programme (21 Days)	-	0	MCGN9102	(A) NCC/ (B) NSS/ (C) Yoga/ (D) Professional Ethics	-	0
Total (Practical / Sessional)		15	7	Total (Practical / Sessional)		15	7
Total		29	20	Total		33	23
Total Semester Credits: 20				Total Semester Credits: 23			
Total Cumulative Credits: 20				Total Cumulative Credits: 43			

B. MCA Programme 2018 onwards

First Semester				Second Semester			
Theory				Theory			
Course Code	Course Name	L-T-P (Periods / Week)	Credits	Course Code	Course Name	L-T-P (Periods / Week)	Credits
CAC101	Programming	3-0-0	3	CAC201	Data Structure	3-0-0	3
CAC102	Computer Organization and Architecture	3-0-0	3	CAC202	OOPs using C++	3-0-0	3
CAS101	Discrete Mathematics	3-0-0	3	CAC203	Microprocessor & Assembly level language programming	3-0-0	3
CAH101	Management Information System	3-0-0	3	CAC204	Operating Systems	3-0-0	3
CAH102	Business Communications	3-0-0	3	CAC205	Computational Mathematics & Numerical Methods	3-0-0	3
				CAH201	Engineering Economics & Costing	3-0-0	3
Total (Theory)		15	15	Total (Theory)		18	18
Practical / Sessional				Practical / Sessional			
CAC103	Extra-Cirricular activities & Social Work	0-0-2	2	CAC206	Data Structures Lab	0-0-3	3
CAC104	Programming in C Lab	0-0-3	3	CAC207	OOPs using C++ Lab	0-0-3	3
CAH103	Business Communications Lab	0-0-3	3	CAC208	Microprocessor & Assembly level language programming Lab	0-0-3	3
				CAC209	Operating Systems Lab	0-0-3	2
Total (Practical / Sessional)		8	8	Total (Practical / Sessional)		12	11
Total		23	23	Total		30	29
Total Semester Credits: 23				Total Semester Credits: 29			
Total Cumulative Credits: 23				Total Cumulative Credits: 52			

27. COURSE STRUCTURE & SYLLABUS FOR FIRST YEAR DIPLOMA PROG.

DIPLOMA PROGRAMME SYLLABUS FOR DIPLOMA COURSES UNDER STATE COUNCIL FOR TECHNICAL EDUCATION AND VOCATIONAL TRAINING, ODISHA.

1st SEMESTER

STATE COUNCIL FOR TECHNICAL EDUCATION AND VOCATIONAL TRAINING, ODISHA TEACHING AND EVALUATION SCHEME FOR FIRST SEMESTER DIPLOMA IN ENGINEERING COURSES

STATE COUNCIL FOR TECHNICAL EDUCATION AND VOCATIONAL TRAINING, ODISHA								
TEACHING AND EVALUATION SCHEME FOR 1 st Semester(Common To ALL ENGINEERING COURSES)(wef 2019-20)								
Subject Code	Subject	Period/Week			Evaluation Scheme			
		L	T	P	Mid Sem Internal Assessment/ Sessional	End Sem Exams	Exams (Hours)	Total
Theory								
Th.1a Th.1b	Communicative English or Computer Application	4	-	-	20	80	3	100
Th.2a Th.2b	ENGINEERING PHYSICS OR ENGINEERING CHEMISTRY	4	-	-	20	80	3	100
Th.3	ENGINEERING MATHEMATICS-I	5	1	-	20	80	3	100
Th.4 (a&b)	BASIC ELECTRICAL ENGG & ELECTRONICS ENGINEERING	4	-	-	20	80	3(1.5*2)	100
Total		17	-	-	80	320	-	400
Practical								
Pr.1a Pr.1b	COMMUNICATIVE ENGLISH LAB OR COMPUTER APPLICATION LAB	-	-	4	50	-	-	50
Pr.2a Pr.2b	ENGG.PHYSICS LAB OR ENGG. CHEMISTRY LAB	-	-	4	50	50	3	100
Pr.3a Pr.3b	ENGG. DRAWING OR WORKSHOP PRACTICE	-	-	6	-	100	3	100
Pr.4	SEMINAR	-	-	4	50	-	-	50
	Student Centred Activities(SCA)	-	-	3	-	-	-	-
Total		-	-	21	150	150	-	300
Grand Total		17	1	21	230	470	-	700
Abbreviations: L-Lecturer, T-Tutorial, P-Practical. Each class is of minimum 55 minutes duration								
Minimum Pass Mark in each Theory subject is 35% and in each Practical subject is 50% and in Aggregate is 40%								
SCA shall comprise of Extension Lectures/Personality Development/Environmental issues/Quiz/Hobbies/Field visits/cultural/activities/Library studies etc. Seminar and SCA shall be conducted in a section								
There shall be 1 Internal Assessment done for each of the Theory Subject. Sessional Marks shall be total of the performance of individual different job/ experiments in a subject throughout the semester								

STATE COUNCIL FOR TECHNICAL EDUCATION AND VOCATIONAL TRAINING, ODISHA								
TEACHING AND EVALUATION SCHEME FOR 2 nd Semester (Common To ALL ENGINEERING COURSES)(wef 2018-19)								
Subject Code	Subject	Period/Week			Evaluation Scheme			
		L	T	P	Mid Sem Internal Assessment/ Sessional	End Sem Exams	Exams(Hours)	Total
Theory								
Th.1a Th.1b	Communicative English or Computer Application	4	-	-	20	80	3	100
Th.2a Th.2b	ENGINEERING PHYSICS OR ENGINEERING CHEMISTRY	4	-	-	20	80	3	100
Th.3	ENGINEERING MATHEMATICS-II	5	1	-	20	80	3	100
Th.4	Engg. Mechanics	4	-	-	20	80	3(1.5*2)	100
Total		17	-	-	80	320	-	400
Practical								
Pr.1a Pr.1b	COMMUNICATIVE ENGLISH LAB OR COMPUTER APPLICATION LAB	-	-	4	50	-	-	50
Pr.2a Pr.2b	ENGG.PHYSICS LAB OR ENGG.CHEMISTRY LAB	-	-	4	50	50	3	100
Pr.3a Pr.3b	ENGG. DRAWING OR WORKSHOP PRACTICE	-	-	6	-	100	3	100
Pr.4	SEMINAR			4	50			50
	Student Centred Activities(SCA)		-	3	-	-	-	-
Total		-	-	21	150	150	-	300
Grand Total		17	1	21	230	470	-	700
Abbreviations: L-Lecturer, T-Tutorial, P-Practical. Each class is of minimum 55 minutes duration								
Minimum Pass Mark in each Theory subject is 35% and in each Practical subject is 50% and in Aggregate is 40%								
SCA shall comprise of Extension Lectures/Personality Development/Environmental issues/Quiz/Hobbies/Field visits/cultural/activities/Library studies etc. Seminar and SCA shall be conducted in a section								
There shall be 1 Internal Assessment done for each of the Theory Subject. Sessional Marks shall be total of the performance of individual different job/ experiments in a subject throughout the semester								

27a. FEES STRUCTURE FOR B.Tech/B.Arch./MCA/M.Tech STUDENTS - 2019-20

(As notified by Govt. in Employment and Technical Education & Training Deptt. Vide Notification No. I-tte-47/2014/ETET dated 3rd June, 2014)

INSTITUTE

Fees Structure for Regular Courses :

1.	Tuition fees	Rs.	12,000/-
2.	Development fees	Rs.	7,000/-
3.	Lab. Maintenance fee	Rs.	1,500/-
4.	Students Activities fee	Rs.	1,500/-
5.	Internal Examination fee	Rs.	1,800/-
6.	Site Visit fee	Rs.	600/-
7.	Caution Money	Rs.	2,500/- (One time & refundable)
8.	Training & Placement fee	Rs.	5,000/-
9.	Transportation fee		As per actual (To be notified by the Inst.)
10.	Hostel fee		As per actual (To be notified by the Inst.)
11.	Alumni fee	Rs.	1,500/- (One time fee)
12.	Internet Fee	Rs.	1,000/-
13.	SSG Fee	Rs.	100/-
	TOTAL	Rs.	34,500/-

Fees Structure for Self Financing Scheme(SFS) courses :

1.	Tuition fees	Rs.	45,000/-
2.	Development fees	Rs.	15,000/-
3.	Lab. Maintenance fee	Rs.	3,000/-
4.	Students Activities fee	Rs.	3,000/-
5.	Internal Examination fee	Rs.	2,000/-
6.	Site Visit fee	Rs.	1,000/-
7.	Caution Money	Rs.	3,000/- (One time & refundable)
8.	Training & Placement fee	Rs.	4,000/- (one time)
9.	Transportation fee		As per actual(To be notified by the Inst.)
10.	Hostel fee		As per actual(To be notified by the Inst.)
11.	Alumni fee	Rs.	1,500/- (One time fee)
12.	Internet Fee	Rs.	1000/-
13.	SSG Fee	Rs.	100/-
	TOTAL	Rs.	78,600/-

HOSTEL

Students interested to stay in the hostel are to pay the following charges extra.

» Hostel Rent Fee - Rs. 4000/- per year

N.B: Apart from the above the students interested to stay in the Hostel are to pay Hostel caution money of Rs. 2,500/- and mess advance as applicable for 6 months fooding.

27b. FEES STRUCTURE OF DIPLOMA STUDENTS - 2021-22

(Fees prescribed by Govt. in E&TE &T Deptt. vide Resolution No. 3520/ETET dated 22nd June, 2013 (for 2013-14 to 2015-16) applicable for 1st year admission)

INSTITUTE

1. Tuition fees	Rs. 2,500/-
2. Development fees	Rs. 2,000/-
3. Cultural Fee	Rs. 100/-
4. Magazine Fee	Rs. 50/-
5. Athletic/games Fee	Rs. 100/-
6. HSC mark verification Fee	Rs. 50/- (Not payable for 2 nd & 3 rd year)
7. Internal Exam. Fee	Rs. 50/-
8. Registration Fee	Rs. 50/- (Not payable for 2 nd & 3 rd year)
9. Maintenance	Rs. 100/-
10. Caution Money (Refundable)	Rs. 500/- (Not payable for 2 nd & 3 rd year)
11. Welfare fund contribution Fee	Rs. 300/- (Not payable for 2 nd & 3 rd year)
TOTAL FEES	Rs. 5,800/-

As such the enrolment fees for the 2nd and 3rd year, the fees will be Rs. 4,900/- each.

HOSTEL

Students interested to stay in the hostel are to pay the following charges extra.

1. Seat rent	Rs. 2000/- per year
2. Contingency & Dev. Fees	Rs. 1000/- per year
3. Actual messing charges as will be charged for their monthly fooding.	

N.B. Apart from the above the students interested to stay in the Hostel are to pay Hostel caution money of Rs. 2,500/- and mess advance as applicable for 6 months fooding.

27c. GENERAL RULES FOR PAYMENT OF FEES

A student is required to pay all the dues under the column 2 of the "Schedule of Fees" at the time of admission.

All the fees paid including the Caution Money deposits & mess security will be forfeited to the Institute if a student is removed or withdrawn from the institute without completing the whole course. Mess advance may be refunded after deduction of dues if any.

In case of a new entrant who wants to withdraw himself from the Institution after admission he should submit a written application duly supported by his parent/guardian giving reasons for the proposed withdrawal. No such application shall ordinarily be entertained after the starting of the respective classes.

The Institute caution money & mess security deposits are refundable after deduction of dues, if any, only after the student finally leaves the institute on completion of the course. For this refund a written request shall be submitted by the student.

Enrollment to Subsequent Semester:

Enrollment to subsequent semester is to be made by paying the dues on fixed date and when notified. Such students who are not able to enroll in time will be treated not to be in the rolls. They may be readmitted with a fine as applicable within 30 days failing which they will not ordinarily be allowed to take readmission at all to the respective semester. Such students will be required to leave the Institute and hostel and may take readmission in the next session if academic regulations permit.

It is therefore the responsibility of the student and their parents/local guardian concerned to arrange and remit the fees on or before the due date. In case the student is not available in the campus for reason whatsoever. Parents/Guardians should ensure that the Institute/Hostel dues are paid within stipulated date.

28. HOSTEL FACILITIES & REGULATIONS

The institute has limited number of seats in the campus hostels. Accommodation has been arranged in the hostels as scheduled below:

Akash Bhawan	Only 1st year B.Tech/MCA/BArch boys
Rohini Bhawan	Girl students of B.Tech/M.Tech/MCA & Diploma/B. Arch.
Prithvi Bhawan	
Surya Bhawan	B.Tech/MCA Boys (Final Year)
Bramhos Bhawan	B.Tech/MCA Boys(Final Year and Third year)
Aryabhata Bhawan	B.Tech/MCA Boys except 1 st year students
Bhaskar Bhawan	B.Tech/MCA Boys except 1 st year students
Agni Bhawan	Diploma Boys students

Hostel Facilities

- i. 24x7 Electricity and water supply.
- ii. Sports activities within the hostel premises.
- iii. Hot water geyser/washing machines.
- iv. 24x7 security & CCTV surveillance.
- v. TV Room/Reading room/T.T Room within the hostel premises.
- vi. Sup./Asst.Sup/Caretaker in all hostels.

Students admitted to hostels have to observe carefully the hostel rules as listed below. The rules are subject to modification from time to time. Violation of hostels rules may result in strict disciplinary action.

* Fresh hostel allotment will be done each year on CGPA basis.

Hostel council

Warden of Hostels-Chairman

All superintendents and Assistant superintendents-Members

28a. RAGGING :PREVENTIVE/MEASURES

RAGGING INSIDE OR OUTSIDE THE HOSTEL OR CAMPUS IS BANNED BY THE GOVERNMENT OF INDIA. ANYBODY, FOUND INDULGED IN RAGGING IN ANY FORM, WILL BE SUMMARILY EXPELLED FROM THE INSTITUTE.

28b. WHAT CONSTITUTES RAGGING:

Ragging constitutes one or more of any of the following acts.

- i. Any conduct by any student or students whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness a fresher or any other student;
- ii. Indulging in rowdy or undisciplined activities by any student or students which causes or is likely to cause annoyance, hardship, physical or psychological harm or to raise fear or apprehension thereof in any fresher or any other student;
- iii. Asking any student to do any act which such student will not in the ordinary course do and which has the effect of causing or generating a sense of shame or torment or embarrassment so as to adversely affect the physique or psyche of such fresher or any other student;
- iv. Any act by a senior student that prevents, disrupts or disturbs the regular academic activity of any

- other student or a fresher;
- v. Exploiting the services of a fresher or any other student for completing the academic tasks assigned to an individual or a group of students.
 - vi. Any act of financial extortion or forceful expenditure burden put on a fresher or any other student by students;
 - vii. Any act of physical abuse including all variants of it, sexual abuse, homosexual assaults, stripping, forcing obscene and lewd acts, gestures causing bodily harm or any other danger to health or person;
 - viii. Any act or abuse by spoken words, emails, post, public insults which would also include deriving perverted pleasure, vicarious or sadistic thrill from actively or passively participating in the discomfiture to fresher or any other student;
 - ix. Any act that affects the mental health and self-confidence of a fresher or any other student with or without an intent to derive a sadistic pleasure or showing off power, authority or superiority by a student over any fresher or any other student

28.c. ACTION IN THE EVENT OF RAGGING

- i. The institution shall punish a student to those found guilty, one or more of the following punishments, namely:
 - ii. Suspension from attending classes and academic privileges
 - iii. Withholding/withdrawing scholarship/fellowship and other benefits
 - iv. Debarring from appearing in any test/examination or other evaluation process
 - v. Withholding results
 - vi. Debarring from representing the institution in any regional, national or international meet, tournament, youth festival etc.
 - vii. Suspension/expulsion from the hostel
 - viii. Cancellation of admission
 - ix. Rustication from the institution for period ranging from one to four semesters
 - x. Expulsion from the institution and consequent debarring from admission to any other institution for a specified period, provided that where the persons committing or abetting the act of ragging are not identified, the institution shall resort to collective punishment.
- xi. The following committee have been constituted to prevent ragging activities in the Institute

28.d. CIRCULAR

As per guideline of All India Council for Technical Education, Hon'ble Supreme Court, Government of India and Government of Orissa the following committees are constituted to prevent ragging in any form inside or outside the Institute campus.

1. Anti-Ragging Committee

Director, I.G.I.T., Sarang	Chairman
Tahasildar, Parjang	Member
Medical Officer, Parjang	Member
I.I.C., Parjang Police Station	Member
OIC, Sarang Police Outpost	Member
Sri Subal Ku. Rout, Media Parson, Sambad	Member
Sri Tushar Ranjan Paltasingh, Media Person, Odisha Express	Member
Sri Aswini Kumar Nayak, Bibertan NGO	Member
Dean, SW, I.G.I.T., Sarang	Member
Warden of Hostels	Member
Superintendent, Surya Bhawan	Member

Superintendent, Bhaskar Bhawan	Member
Superintendent, Aryabhata Bhawan	Member
Superintendent, Akash Bhawan	Member
Superintendent, Agni Bhawan	Member
Superintendent, Rohini Bhawan	Member
Superintendent, Prithiv Bhawan	Member
Superintendent, Off Campus Hostel	Member
Dr. S.C. Pattnaik, HOD, Mett. Engg.	Member
Dr. (Mrs.) U. Bhanja, HOD, ETC	Member
Smt. Asima Rout, A.P., ETC	Member
Dr. B.B. Choudhury, A.P., Mechanical	Member
Registrar, I.G.I.T., Sarang	Member
Student Representative, 1 st Year (Boy/Girl)	Member
Student Representative, 1 st Year (Boy/Girl)	Member
Student Representative, 2 nd Year (Boy/Girl)	Member
Student Representative, 3 rd Year (Boy/Girl)	Member
Student Representative, 4 th Year (Boy/Girl)	Member
Deputy Registrar	Member - Convenor

3. RAGGING PREVENTION COMMITTEE

Prof B D Sahoo, Dean Student Welfare	9861190444
Prof S C Pattanaik, HOD Metallurgical Engg	9861034812
Prof B D Sahoo, HOD, Mech Engg	9861190444
Prof P K Pani, HOD Civil Engg	9437184435
Dr Mrs P Das, HOD Electrical Engg	9437565799
Dr Mrs Urmila Bhanja, HOD ETC	9437142056
Dr B B Choudhury, Prof. T & P	8270836688
Prof S Mishra, HOD, CSEA	9861361562
Mr. K.D.Sha, Superintendent, Bhaskar Bhawan	9668440915
Mr J. Rout, Superintendent, Akash Bhawan	7008157784
Mr B.K. Nayak, Superintendent, Aryabhata Bhawan	7504267974
Dr M. Choudhury, Superintendent, Brahmosh Bhawan	9937417687
Mrs. Supriya Sahoo, Superintendent, Prithivi Bhawan	9556819820
Mrs J Nayak, Superintendent, Rohini Bhawan	9439829975
Mr P.B. Sahoo, Superintendent, Agni Bhawan	9437157632
Mr Umakanta Mahanta, Superintendent, Surya Bhawan	9937308246
Mr R.N. Majhi, Registrar	9438107255
Dr R.Behera, Warden of Hostels and Convenor	9439622794

5. ANTI RAGGING SQUAD (FACULTY)

Mr Anup Bairagi	Chemical Engg
Mr Rabirannjan Murmu	Chemical Engg
Mr Harekrushna Sutar	Chemical Engg
Mr Kashinath Barik	Chemical Engg
Mr Kali Charan Pradhan	Electrical Engg
Mr Binay Ku Nayak	Electrical Engg

Mr K D Sa	ETC Engg
Mr Paresh Ku Pasayat	ETC Engg
Mr Rabinarayan Sethy	Mech Engg
Mr Anand Gupta	Mechanical Engg
Mr Sudhakar Majhi	Mech Engg
Mr Brijesh Kumar	Electrical Engg
Mr Jogendra Majhi	Metallurgical Engg
Mr Amulya Bihari Pattnayak	Metallurgical Engg
Mr Niroj Ku Pani	Computer Sc & Engg
Mr Biswanath Sethi	Computer Sc & Engg
Mr Rajanikanta Mishra	PTI

7. SPECIAL SQUAD FOR LADIES HOSTEL

Mrs Brahmotri Sahoo	Chemical Engg
Mrs Ipsa Tripathy	Metallurgical Engg.
Ms A Priyadarshini	Civil Engg
Mrs J Nayak	Mech Engg
Mrs Babita Singh	Mech Engg
Ms July Randhari	Mech Engg
Mrs Supriya Sahu	Mechanical Engg

9. ANTI RAGGING SQUAD (STUDENTS) (Boys)

9.1. Final Year Students

1. Civil	Aditya Narayan Pratihar	Suprava Mishra
2. Mechanical	Rajat Ku Panda	Shubhrashree Lopamudra Dash
3. Metallurgical	Sandip Ku Rath	Gargi Mohanty
4. Chemical	Saunak Subudhi	Nisha Rai
5. CSE	Abhijit Panda	Jhalsa Mishra
6. Production	Aloka Sahu	Paripoorna Sahu
7. Electrical	Debadatta Nayak	Sushree Sonali Biswal
8. ETC	Arnab Tripathy	Monalisha Sethi

29. HOSTEL RULES:

29.a. CODE OF CONDUCT (Hostel Boarders)

1. All boarders are required to maintain good standard of behaviour with others.
2. The rooms, common areas and surroundings of the hostel should be kept clean and hygienic. Disfiguring the hostel premises shall be treated as an offence.
3. Rooms are allotted to each student on his/her personal responsibility. He/she shall be responsible for his belongings and maintenance of the room.
4. The boarders are refrained to carry unauthorized/illegal materials /weapons /movies and any other items objectionable under law, to hostel premises.
5. The boarder of a room is responsible for any damage to the institute property in their room during his / her stay. He/she shall be required to replace/repair the damage at his/her own cost.
6. In case of damage or loss of hostel property the cost will be recovered from the students responsible for such damage or loss, if identified, or from all the students of the wing/hostel, as decided by the hostel authority.
7. Ragging inside and outside the Institute are totally banned. Every single incidence of ragging will be dealt with hardship as per the direction of the Honourable Supreme Court of India.
8. Freshers are required to report the incidents of ragging immediately to their hostel superintendent.
9. When persons committing or abetting the incidence of ragging are not identified, a collective punishment on suspected group could be resorted as a deterrent measure.
10. In hostel premises, following activities are strictly prohibited –
 - 10.1. Smoking
 - 10.2. Consumption of alcoholic drinks/drugs.
 - 10.3. Gambling
 - 10.4. Intimidation or violence
 - 10.5. Willful damage to property
 - 10.6. Entering the hostel premises in intoxicated state.
 - 10.7. Moving in the colony sector or near the Girls hostel premises after 7.00 pm.
 - 10.8. Shouting and using abusive language in their own hostel or in other hostel premises and campus.
 - 10.9. Employing any persons for personal work such as washing clothes, etc.
 - 10.10. Cooking in room.
 - 10.11. Use of Electrical Appliances with high power consumption.
11. Room services are strictly prohibited. However, sick diet may be served in room after taking permission from Asst Superintendent.
12. The uses of audio systems and any act of inconvenience to other boarders are not allowed.
13. First year students must take permission from Superintendent for going out from the hostel for any reason and must make entry in the in-out register available with security guards at the hostel gate.
14. All residents of girls' hostels must be back in the hostel by 7.00 PM (6.00 PM for November to

- February). For any of the unavoidable situations; she must contact the superintendent for permission.
15. No overnight guests are allowed in a student's room without permission of the Hostel Superintendent.
 16. In boys' hostels, the parents of a boarder and other male guests may meet him in his room.
 17. Male students/visitors are not allowed inside the girls' hostel.
 18. Female visitors are not allowed in boys' hostels; however, lady family members may be allowed to visit a student in the visitors' room only.
 19. Possession and use of motorised vehicle is not allowed.
 20. Violation of any of the above may lead to disciplinary action as deemed to be applicable.

29.b. RULES FOR THE HOSTEL (ROHINI BHAWAN/PRITHIVI BHAWAN) IGIT, SARANG

The boarders of Ladies Hostel (Rohini Bhawan and Pritwi Bhawan) must follow the following rules and regulations.

1. The boarders are advised to maintain discipline inside the hostel and outside of the hostel even while going to the institute on the way.
2. They are free to move inside the campus from 6.00 A.M. to 6.30 P.M. or upto sunset which ever is earlier. In summer the time may be enhanced extra half an hour i.e. from 6.00 A.M. to 7.00 P.M.
3. On emergency the boarders may be allowed to go outside after the schedule time with the special permission of the Superintendent/Asst. Superintendent in absence of Superintendent.
4. No boarders will meet the outsiders whose names are not recommended by their parents. But if they want to meet any boarder they can obtain permission from the Superintendent at first.
5. The boarders must sign the register kept in security post mentioning the time of departure and arrival for going outside the campus local market and return respectively.
6. Visitors must put their signature (full) with address in the Register also indicate the date and time to whom he/she will meet.
7. The boarders are not allowed to move in river bank/nearby forest with any boys of the Institute. No boarders should be seen talking with their friend (boys) outside the Hostel gate for more than 15 minutes. Any deviation in this regard if observed will be viewed very seriously with a fine amount of Rs. 100/-
8. They can visit the campus temple worship Lord Shiva but not allowed for gossiping with their any kinds of friends.
9. They must be well dressed while taking their lunch/dinner and keep discipline in dining hall.
10. They must obey and co-operate with the mess boys in dinning hall.
11. Any difficulty if arises they should bring to the notice of the concerned Caretaker at first and then the hostel authority.
12. Sometimes it is found that some boarders are engaging in different seminar/departmental function etc. in the Institute beyond office hour. If they participate, they may be obtained permission from the Superintendent through their concerned H.O.D. henceforth.
13. Also, the rules of the hostel are to be changed time to time as and when required.
14. Distribution of responsibilities to the organising batch for all occasions should be followed.

15. Violation of any rules will be viewed seriously and necessary action will be taken as deemed fit as per bye-laws of hostel management of the Institute.
16. The 1st yr. students of the Rohini Bhawan are strictly not allowed to leave /enter the Hostel premises after 6.30 P.M. evening. They can only be allowed for such with their parents/local guardian.
17. Other boarders who do not come under this category are allowed to leave/enter the Hostel in odd hours only after filling up and producing the undertaking format before departure/arrival positively.

30. STUDENTS' DISCIPLINE

1. It is expected that the student during their stay in the Institute will inculcate practice discipline in all their activities. They will extend due courtesy & co-operation to all the employees of the institute in discharging their duties. They should have mild and moderate approach towards their institute mates & should show due regards to their teachers. On passing out also they will maintain the image of the institute where they have been graduated.
2. On the other hand disobedience of the institute & hostel rules resulting to indiscipline and bad conduct in any sphere of life in the institute misbehaviour towards the staff and students damaging the institute and hostel properties adoption of unfair means in the class rooms, laboratories and examinations etc., shall be treated as a serious offence on the part of the student and disciplinary action depending on the intensity of misconduct will be taken against the student if found guilty.
3. The students once restricted, expelled whose name is struck out the rules of the institute shall have to vacate the hostels immediately failing which the other lawful measure will be taken against him as decided by the institute admission.
4. Unauthorised & mass absence from classes (both theory and sessional) and examination (both State council and Institute) will be treated as indiscipline and action befitting to the situation will be taken. Students found persuading others for the above will also be treated as indulging in the indisciplinary activities.
5. Unsatisfactory progress in the studies, default in payment of institute and can also be viewed as students indiscipline in case no satisfactory explanation is available to institute regarding the reason of such situation.
6. Possession or use of unauthorised drinks, narcotics or any prohibited material will lead to
7. Restriction of students found involve the matter shall be reported to the parents and the students will be immediately handed over to law and order authorities.
8. Duplicating the signatures of the institute authorities highly objectionable and if any student found involved in such activities will be dealt with severely.
9. The student when deputed for practical training should scrupulously abide by the rules and regulations of the organisation imparting the trainee. Each student has to complete a course of practical industrial training as approved by the institute.

Any of the following acts of indiscipline will be viewed seriously.

- » ILL treatment or disorderly behaviour to the staff of the institute or the fellow students.
- » Unsatisfactory progress in the studies.
- » Adoption of unfair means in the institute, university and state council examination.
- » Membership in the clubs and associations outside the institute or attending the Unauthorised meetings.

- » Inviting outside elements to the institute without permission of the institute authorities.
- » Unauthorised absence from the class examination and test.
- » Default in payment of institute/Hostel fees.
- » Attempt or persuading others to attempt towards boycott or postponement of examination and test.
- » Damage or tampering of properties and fittings in the institute/hostel, losses may be recovered from the individual; groups as fines in addition to other punishment.
- » Without the permission of the authority no student is permitted to contact the outside agencies like media (electronics & paper), Law and order authorities, administrative authorities etc., failing which stringent action may be taken.

Students of the institute expected to maintain high degree of discipline in all their activities during their stay in the institute campus and also when they remain outside the institute. They should behave in such a way the good name of the institute is maintained although.

N.B.: The institute reserves all rights to modify /revise any or all the para/clauses of this prospectus as will be decided by the management of the institute.

31. STUDENTS' OBLIGATION

1. Students are required to equip themselves with books, instrument box with other drawing material viz., the drafters, set squares, calculator or other stationary.
2. Railway concession is issued to the students for going home or to the training place and back only during vacation.
3. Students when admitted are issued with institute identity card which must be in possession while in the institute or outside and produce whenever demanded or required.
4. Photograph of students with blazer, tie and monogram of the institute should be submitted in the academic and Library section for issuing identity card and Library card respectively.
5. A bonafied student of the institute must keep his/her identity card with him/her whenever he/she is in the institute or campus of institute.
6. The student when deputed for practical training should scrupulously abide by the rules and regulations of the organisation imparting the trainee. Each student has to complete a course of practical industrial training as approved by the institute.
 - » Full Pants/Salwar/Dupatta
 - » Full Sleeve Shirts/Jumper

**INDIRA GANDHI INSTITUTE OF TECHNOLOGY
SARANG - 759 146 (ODISHA)**

32. HOLIDAYS LIST FOR THE CALENDAR YEAR -2022

Month	Date	Day	Description	No. of Days.
January	01-01-2022	Saturday	New Years Day	01
	14-01-2022	Friday	Makar Sankranti	01
	26-01-2022	Wednesday	Republic Day	01
February	05-02-2022	Saturday	Saraswati Puja	01
March	01-03-2022	Tuesday	Maha Shivaratri	01
	05-03-2022	Saturday	Panchayatiraj Dibas	01
	18-03-2022	Friday	Dola Purnima	01
	19-03-2022	Saturday	Holi	01
April	01-04-2022	Friday	Utkal Dibas	01
	14-04-2022	Thursday	Maha Bishuba Sanskranti	01
	15-04-2022	Friday	Good Friday	01
May	03-05-2022	Tuesday	Id-UI-Fitre	01
	16-05-2022	Monday	Buddha Purnima	01
July	01-07-2022	Friday	Ratha Yatra	01
August	09-08-2022	Tuesday	Moharrum	01
	11-08-2022	Thursday	Jhulana Purnima	01
	15-08-2022	Monday	Independence Day	01
	18-08-2022	Thursday	Janmastami	01
	31-08-2022	Wednesday	Ganesh Puja	01
September	01-09-2022	Thursday	Nuakhai	01
October	24-10-2022	Monday	Kali Puja/Diwali	01
November	08-11-2022	Tuesday	Rasa Purnima	01
	16-11-2022	Wednesday	Prathamastami	01

Holidays Fall on Sundays/Holidays

Netaji Jayanti	23.01.2022	Sunday
Sree Ram Navami	10.04.2022	Sunday
Sabitri Amabasya	30.05.2022	Monday
Pahili Raja	14.06.2022	Tuesday
Raja Sankranti	15.06.2022	Wednesday
Id-ul-Zuha	10.07.2022	Sunday
Mahalaya	25.09.2022	Sunday
Gandhi Jayanti	2.10.2022	Monday
Kumar Purnima/ Birth Day Prophet Mohammed	09.10.2022	Sunday
Bada Osha	06.11.2022	Sunday
X-mass Day	25.12.2022	Sunday

Summer Vacation

30.05.2022 (Monday) to
03.07.2022 (Sunday)

35 days

Puja Vacation

3.10.2022 (Monday) to
12.10.2022 (Wednesday)

10 days

Sd/-

Registrar

32.a. ACADEMIC CALENDAR 2021-22

INDIRA GANDHI INSTITUTE OF TECHNOLOGY, SARANG, ODISHA

Odd Semester Activities	1ST Semester	3RD Semester	5th Semester	7th/ 9th Semester
Induction Programme for 1st B.Tech	09/12/2021 to 22-12-2021	NA	NA	NA
Starting Date of instruction/Classes B.Tech	09/12/2021			
Starting Date of instruction/Classes M Tech/ MCA	22-11-2022	01-10-2021	06-09-2021	17-07-2021
Starting Date of instruction/Classes M.Sc	06-12-2022			
Registration without fine	-	11-10-2021	15-09-2020	20-08-2021
Registration(Fine of xxx)	-	Extended 45 days	Extended 45 days	Extended 45 days
Registration(Fine of xxx)	-	Extended 45 days	Extended 45 days	Extended 45 days
Backlog Registration	NA	22-11-2021	22-10-2021	22-10-2021
Class Test - I	14/02/2022 to 16/02/2022	15/11/2021 to 19-11-2021	08/11/2021 to 13-11-2021	04/10/2021 to 08-10-2021
Display of Internal Marks	24/02/2022	02-11-2020	25-11-2020	20-10-2021
Class Test - II	14/03/2022 to 16/03/2022	17/01 /2022 to 21/01/2022	17/12/2021 to 22-12-2021	10/11/2021 to 13-11-2021
Display of Internal Marks	24/03/2022	29-01-2022	02-01-2021	18-11-2021
Closing date of instruction	02/04/2022	31-01-2022	03-01-2022	20-11-2021
Submission of marks	04/04/2022	09-02-2022	11-01-2022	03-12-2021
End Semester Examinations	05/04/2022 to 16/04/2022	07 /02/2022 to 14/02/2022(MTECH/ MSc MCA) 07 /02/2022 to 14/02/2022 (BTECH/ BARCH)	08/01/2022 to 15-01-2022	25 /11/2021 to 30-11-2021
Student's Training	xxx	Xxx	xxx	xxx
Semester Break	17/04/2022 to 20/04/2022	15-02-2022	16-01-2022	01/12/2021 to 05-12-2021
Sports Meet	2nd week FEB 2021	2nd week FEB2021	2nd week FEB2021	2nd week FEB2021
Publication of Results	30-06-2022	15-03-2022	24-02-2021	30-12-2021
Even Semester Activities	2nd Semester	4th Semester	6th Semester	8th/ 10th Sem.
Induction Programme for 2nd Semester B.Tech	21/04/2022 to 29/04/2022	16-02-2022	17-01-2022	06-12-2021
Starting Date of instruction/Classes	21/04/2022			
Registration without fine	21/04/2022 to 30/04/2022	28-02-2022	31/01/2022	15-12-2021
Registration(Fine of 500/-)	02/05/2022 to 10/05/2022	10-03-2022	10-02-2022	27-12-2021
Registration(Fine of 1000/-)	11/05/2022 to 21/05/2022	25-03-2022	25/02/2022	12-01-2022
Backlog Registration	xxx	25-03-2022	07-03-2022	17-01-2022
Class Test - I	27/06/2022 to 30/06/2021	21/03/2022 to 26/03/2022	07/03/2022 to 12/03/2022	24/01/2022 to 28/01/2022
Display of Internal Marks	07-07-2022	04-04-2022	21-03-2022	04-02-2022
Class Test - II	18/07/2022 to 21 /07/2022	23/05/2022 to 28/05/2022	02/05/2022 to 07/05/2022	17/03/2022 to 21-03-2022
Display of Internal Marks	28/07/2022	04-06-2022	13-05-2022	26-03-2022
Closing date of instruction	06/08//2022	04-06-2022	14-05-2021	31-03-2022
Submission of marks		10-06-2022	24-05-2022	16-04-2022
End Semester Examinations	17/08/2022 to 27/08/2022	06/06/2022 to 11/06/2022	23/05/2022 to 28/05/2022	04/04/2022 to 13/04/2022
Student's Training	xxx	13/06/2022 to 14/07/2022	01/06/2022 to 14/ 07/2022	xxx
Publication of Results	30-09-2022	01-08-2022	30-06-2022	02-05-2022
Annual Function		15th April 2022		

Sd/-

Director, IGIT, Sarang

32.b. STATE COUNCIL ACADEMIC CALENDAR FOR THE YEAR 2021-22

FOR DIPLOMA COURSE

Sl.No	Activity	1 st Semester	3 rd /5 th / 7 th (PT) Semester
1.	Induction Programme for 1 st semester Diploma Course & Coverage of Bridge Course	8-10-2021	
2.	Commencement of Semester Classes	"25.10.2021 (PDIS course 16.11.2021)"	1-10-2021
3.	Readmission at Insittute level		1.10.2021 to 16.10.2021
4.	Reporting Readmission Data to SCTEVT online		18.10.2021 to 25.10.2021
5.	Puja Holidays	11.10.2021 to 18.10.2021	11.10.2021 to 18.10.2021
6.	Issue of SCTE&VT Registration Numbers	15.12.2021	1.12.2021 (3 rd sem LE students)
7.	Semester Exams Registration (Regular Students)	4 th week of December 2021	2 th week of December 2021
8.	Internal Assesment for 1st, 3rd & 5 th Sem. (Last Date)	1 st week of January 2021	1 st week of December 2021
9.	Closing of Attendance	31.1.2022	8.1.2022
10.	X'mas Holidays	-	-
11.	Tentative Date of Semester Examination	8.2.2022	18.1.2022
Sl.No	Activity	2 nd Semester	4 th /6 th /8 th (PT) Semester
1.	Commencement of Classes	14.3.2022	10-3-2022
2.	Readmission	14.3.22 to 25.3.2022	10.3.2022 to 25.3.2022
3.	Reporting Readmission Data to SCTEVT online	28.3.22 to 2.4.2022	28.3.22 to 2.4.2022
4.	Semester Exams Registration (Regular Students)	4th week of April 2022	4th week of April 2022
5.	Internal Assesment	2th week of May 2022	2th week of May 2022
6.	Closing of Attendance	18.6.2022	10.6.2022
7.	Branch change of 2 nd sem. Students by Principals	Up to 31.3.2022	-
8.	Rreporting branch Change case to SCTE & VT online	2.4.2022 to 9.4.2022	-
9.	Tentative date of semester Examination	27.6.2022	27.6.2022
10.	Tentative date of publication of results	15.9.2022	15.9.2022
11.	Interrnship and summer break for students	End of Examination to 17.8.2022	End of Examination to 17.8.2022
12.	Tentative date for starting of next session		18.8.2022

NB: There shall be 39 periods of class per week and each of minimum 55 minutes duration for 1st /2nd /3rd /4th /5th /6th /7th (PT)/8th (PT) semester.

Principals are required to arrange extra classes during Holidays and Off hours, whenever necessary, to complete the coverage of syllabus in time.

Annual Athletic Meet, Annual Cultural Meet may be conducted on suitable dates during Even Semesters.

The Internship Policy of AICTE is to be scrupulously followed and to be arranged by Institution. Induction Programme for 1st semester students is to be implemented as per AICTE APH 2019-20

33. INSTITUTE WORKING HOURS

	From	To
Week Days	8.00 A.M.	12.10 Noon
	2.00 P.M.	4.30 P.M.
Saturday	8.00 A.M.	1.00 P.M.
From 1 st April till commencement of Summer Vacation	7.00 A.M.	12.30 P.M.
During Summer Vacation	7.30 A.M.	11.30 A.M.

34. IMPORTANT TELEPHONES

Sarang STD Code No.- 06768		
Telephone	Office	Residence
Director		9437211582 (M)
P.A. to Director	267003	9437728620 (M)
	267086	
Dean (Aca/Exam)		9437184435 (M)
Dean (Students Welfare)		9861190444 (M)
Dean (FARC)		9437034757 (M)
Registrar	267115	9438107255 (M)
Deputy Registrar		9937418434 (M)
Accounts Officer	267133	9439625356 (M)
Medical Officer	211404	8763258687 (M)
H.O.D., Civil Engg.		9437601140 (M)
H.O.D., Elect. Engg.		9437565799 (M)
H.O.D., Mech. Engg.	267126	9861190444 (M)
H.O.D., Comp. Sc. Engg. & Applns.	267112	9861361562 (M)
H.O.D., Chem. Engg.	267002	9337623862 (M)
H.O.D., Mett. & Material Engg.	267006	9437104166 (M)
Prof. CDC	267137	9437166989 (M)
Workshop Supdt.	267109	9861190444 (M)
Warden of Hostels		9439622794 (M)
Supdt. Bhaskar Bhawan		9668440915 (M)
Supdt. Aryabhata Bhawan West Block/East Block		7504267974 (M)
Supdt. Agni Bhawan		9437157632 (M)
Supdt. Rohini Bhawan		9439829975 (M)
Supdt. Prithivi Bhawan		9556819820 (M)
Supdt. Akash Bhawan		9778140095 (M)
Supdt. Surya Bhawan		9937308246 (M)
Supdt. Bromhos Bhawan		9937417687 (M)
Estate Manager	211033	9861192635, 9438242988 (M)
Guest House		9861779470 (M)
FAX	267128	



Legends

A	IGIT, Sarang	H	Akash Bhawan (A Block)	O	Rohini Bhawan
B	Food Court	I	Agni Bhawan	P	Prithvi Bhawan
C	Cafeteria	J	Cricket Ground	Q	Officer Hostel
D	Brahmos Bhawan (B Block)	K	Volleyball Ground	R	IGIT Park
E	Brahmos Bhawan (A Block)	L	IGIT Shopping Complex	S	IGIT Post Office
F	SBI ATM	M	IGIT Shiva Temple		
G	Aryabhat Bhawan (East Block)	N	Guest House IGIT		



**Indira Gandhi Institute of Technology, Sarang
Dhenkanal, Odisha, India. 759146**