



SINCE 1999

SYNERGY GROUP of INSTITUTIONS

DHENKANAL | BHUBANESWAR

Best Campus
for **ENGINEERS**
B.TECH | DIPLOMA



Accredited by NAAC (UGC),
Government of India



Accredited by National Board of
Accreditation (NBA), New Delhi



Approved by
AICTE Govt. of India



Affiliated by BPUT, Odisha
Approved by AICTE Govt. of India



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of HRD initiative)



Affiliated to
SCTE & VT Govt. of Odisha

Accredited by National Assessment &
Accreditation Council (NAAC),
Govt. of India from 2014 to 2019
No-NAAC/WH/Cert-A&A/EC
(4th SC)/77/2014

The National Board of
Accreditation-AICTE, New Delhi
has accredited 4 Departments
No- NBA/ACCR-762/2005
(2008-2011)

1st Engineering College
in Eastern India to be Certified as an
ISO 9001:2015 Institute for its
Quality Management System

MOU with Penn State University,
Pennsylvania, USA, Bard Holding Inc.,
Morrisville, PA-19067, USA,
NI Systems (India) Ltd. and
BOSCH Rexroth India Ltd.
Recognised by DSIR Govt. of India

MISSION

To impart quality Engineering Education and Technological skills. To empower students with professional competency to meet global changes. To include the habit of continual learning, the spirit of compassion and human values among students. To nourish the qualities of leadership, entrepreneurship, innovation and ethics. To create an outstanding ambience of academic and intellectual pursuit, innovative research and physical activities.

DPS DHENKANAL

SYNERGY
Dhenkanal



Greetings

I extend a warm welcome to all the budding engineers! At Synergy, you will not only imbibe knowledge - acquire a job but also you will be groomed for the future and find a new direction to your life. You will create jobs and contribute to the society and that will be the true measure of our success. As future leaders, you will pave the way for further developments in the field of engineering and contribute towards its growth. The vast playing field of engineering is open to you and your determination will take you to great heights which will help you reach your ambition. This is the right time to build your life, to inculcate values and live by principles. Hard work and dedication to your discipline are the two friends you need by your side to achieve the pinnacle of success. I am here for you not as the Chairman of Synergy Group of Institutions or the Secretary, OPECA, but as an educationist and well wisher. I am receptive to suggestions from all quarters and our communication channels are always open for you.



“ Be your own master.
Be the greatest in your field.
Walk in the hall of fame.
Dream of, not only success
but also aspire for greatness. ”

- Binod Dash
Chairman & Managing Trustee

VISION

Building internationally acceptable educational institutions which shall always promote and pursuit excellence and inculcation of human resource and values.

**SYNERGY
Bhubaneswar**

**SYNERGY
POLYTECHNIC
Bhubaneswar**



Synergy Group of Institutions

The Synergy group attracts students from pan India mostly states of Eastern India to its campus at Dhenkanal and Bhubaneswar, both the campus are out of hustle and bustle of city in a natural green environment with state-of-the-art infrastructure. Synergy institutions light the dreams and visions of every aspiring student to exceed expectations in the fields of their interest and grooms them to be professionally and ethically sound individuals. Synergy has many number of reasons for being one of the top institutions. Our education empowers individuals to challenge conventional thinking in pursuit of original ideas and give a big lift to excel in career and become hardcore experts.

This is the first institute to get Accreditation in four core branches (ETC, ME, CSE & EE) by NBA, NAAC (National Assessment & Academic Council), Govt. of India & Institution of Engineers. It is the first institution in eastern India to get ISO 9001:2000 Certification. The Synergy Group draws its academic strength from its highly qualified, experienced and dedicated faculties with 20 Ph.D holders, 79 M. Tech degrees and 108 other post graduates from reputed institutes like IITs and NITs. Faculties of the institute guided students to explore their career by organizing academic programs, trainings, career counseling through well coordinated modern aged Gurukul.

CAMPUS ENGINEERING

Synergy Dhenkanal



Synergy Institute of Engineering and Technology (SIET) was established in the year 1999, at Dhenkanal with the approval of AICTE. The expansive main building houses, spacious lectures halls, multimedia classrooms, tutorial rooms, well equipped laboratories, libraries and a Wi-Fi campus with internet connectivity. The campus offers B.Tech courses.

SIET Dhenkanal is centrally located in the state and 60 km away from the state capital Bhubaneswar and 45 km away from Cuttack. Nearest Railway station is Dhenkanal, well connected to New Delhi, Mumbai etc. Nearest Airport is Biju Patnaik International Airport, Bhubaneswar.

SYNERGY, DHENKANAL

Courses Offered

B.Tech Courses

At present Synergy Group of Engineering Colleges offer 4 years B. Tech degree course in the following disciplines:

Branch	Intake capacity
Mechanical Engineering	60
Computer Science & Engg.	180
Electrical Engineering	60
Civil Engineering	60
TOTAL	360

The courses are designed by BPUT, Govt. of Odisha, Rourkela with emphasis on developing Techno-managerial skills.

Fee Structure

Yearly Tuition Fee for B-Tech:

per annum - Synergy Dhenkanal ₹ 70,000
- Synergy Bhubaneswar ₹ 64,000

Other Fees: 13,000/- for First year and 3,000/- approximately for all other years will be extra as per guideline of fees fixation committee, Govt. of Odisha subject to change.

(Other fees includes University Registration fee, applicable other optional fee and refundable caution money except exam fee.)

Hostel fees for both colleges:

Lodging & Boarding per annum ₹ 52,500

Caution Money ₹ 2,000
(one time refundable)

Synergy Bhubaneswar



Synergy Institute of Technology (SIT) was established in the year 2009 at Bhubaneswar. SIT offers 4 B.Tech. courses viz., Civil Engineering, Computer Science Engineering, Electrical Engineering and Mechanical Engineering. The Institute is affiliated to BPUT.

Synergy, Bhubaneswar is situated at Bhimpur, near Phulnakhara in between Twin City, Cuttack & Bhubaneswar. Nearest Railway stations are Cuttack & Bhubaneswar, well connected all over India. Nearest Airport is Biju Patnaik International Airport, Bhubaneswar.

SYNERGY, BHUBANESWAR

B.Tech Courses

Branch	Intake capacity
Mechanical Engineering	60
Electrical Engineering	60
Computer Science & Engg.	180
Civil Engineering	60

TOTAL 360

The above courses are designed by BPUT, Govt. of Odisha, Rourkela with emphasis on developing Techno-managerial skills.

Scholarship

- 1st year and onwards scholarship from respective state Govt. for SC/ST/OBC/SEBC and minorities shall be arranged for eligible students.
- Other than this Management Scholarships are also available for the meritorious students of B.Tech and Diploma
- Attractive fee structure for Lateral students

Highlights

- Outstanding academic results
- Serene, scholastic atmosphere
- Sophisticated equipment
- Infrastructure as prescribed by BPUT syllabus
- State-of-the-art laboratories
- Internet facility (24X7 100 mbps 1:1)
- Computerized departments
- An extensive Library
- Industries & Institution Interaction
- Separate hostels for boys and girls
- Inept Students Support Programme
- Merit scholarships and Financial Aids
- Personality Development Programme
- Proactive Human Resources Department
- Sports Facilities
- Placement Training & Opportunities

CAMPUS DIPLOMA

Bhubaneswar



Synergy Polytechnic (SP) Bhubaneswar

Synergy Polytechnic (SP) at Bhubaneswar with the affiliation of SCTE & VT providing technical learning on different fields. With a vision matching to digital India and development of industries through massive globalization. The special attraction of the campus is that the students will be under experienced faculties of Engineering Status. The update Wi-Fi campus provides all facilities from sophisticated classrooms, tutorial rooms, fully equipped laboratories, libraries, canteen, hostel and playground for all sorts of sports and games.

BHUBANESWAR

Synergy Polytechnic, Bhubaneswar offers Diploma Courses

in the following disciplines:

Branch	Intake capacity
Computer Science	60
Mechanical Engineering	60
Civil Engineering	60
Mininig Engineering	30
Electrical Engineering	60
TOTAL	270

The above courses are designed by SCT & VT, Govt. of Odisha in view of the demand of Industrial growth in the state as well as other states of India.

Scholarship

- 1st year and onwards scholarship from respective state Govt. for SC/ST/OBC/SEBC and minorities shall be arranged for eligible students.
- Other than this Management Scholarships are also available for the meritorious students
- Attractive fee structure for **Lateral Entry** (meritorious students)

Fee Structure

Course fee for Diploma:	As per Govt. Rule
Mechanical Engineering	
Electrical Engineering	
Civil Engineering	
Mining	
Hostel Fee:	
Lodging & Boarding per annum	₹ 43,000
Caution Money (one time refundable)	₹ 2,000



Student Activities

Diploma at Synergy prepares the technical professionals to achieve the most of their potential through broad range of programmes, services and facilities to build a community and engage students as active learners and responsible citizens. Various programmes are arranged to create leaders amongst the students and nurture the extra-curricular talents.

- Annual techno-cultural festival.
- Orientation Program
- Celebration of "Foundation Day"
- Celebration of National and International observation days
- Participation in Annual Athletic Meet, Indoor Sports, inter-branch and inter-college competitions in Cricket, Football, Volleyball and Basketball.
- Publication of literary activities in the annual magazine and Wall Magazine.
- Apart from different in-house competitions exposure to national and international participation.

Highlights

- State-of-the-art infrastructure
- Serene academic ambience
- Updated Labs
- 24x7 Internet facilities
- Digital Classrooms
- Multi stored Library
- Visiting faculties from other institutions
- Study tours
- Separate hostels for boys and girls
- Scholarships and Financial Aids
- Leadership Development Programme
- Human Resources Development and Training
- Sports & Games (indoor and outdoor)
- Internship & Placement facilities
- Friendly environment with personal guidance

- Tie-up with PENN-STATE University for BS-IT (Dual Degree) approved by AICTE/BPUT
- Tie-up with IIT, NITTR, NIT for faculty training and upgradation scheme
- Tie-up with RRL (Regional Research Laboratory, Govt. of India) now IMMT, Bhubaneswar for student internship & training.
- Center of Excellence for TIFAC CORE (Govt. Of India)
- Tie-up with Gyan Darshan-III (Technology Channel) for Technology E-Learning and Audio-Visual learning
- Tie-up with Xavier Institute of Management, Bhubaneswar for skill upgradation programme
- Tie-up with DELNET, INDSET-AICTE Consortium
- Recognised by DSIR Govt. of India
- Tie-up with C-DAC Pune
- Tie-up with IIT NPTEL for digital content learning models
- Tie-up with NALCO, JSPL,VISA, TATA Steel, BRG, OCL, GMR, Bhusan for student internship/training under Industry-Institute partnership
- Tie-up with ORACLE or Workforce Development Program (WDP)
- Accredited by WIPRO TALENT++ for Campus Hiring and Engagement
- Tie-up with INFOSYS for Campus-Connect initiatives
- Tie-up with WIPRO for Mission-10X initiatives for faculty development
- Tie-up with EMC for DATA Storage Management training for students
- Tie-up with L&T Infotech under PRAVESH initiatives
- Tie-up with Microsoft under education partnership initiatives
- Tie-up with Cyber Dojo alliance, Ahmedabad, Gujrat for advance cyber security programme

*2008-2011
**2014-2019

More than 50,000 books | Book Bank facility | Digital-Library supported by NPTEL

Institutional Membership of the DELNET, NAD, NDLT and all types of Vernaculars, Magazines, National & International Journals.

Central Library

State-of-the-art Communicative Language Center enables students to update their communication abilities through advanced software and sophisticated audio-visual equipment.

Communicative Lab



Laboratories and Workshops

State-of-the-art laboratories with sophisticated modern equipments - adequate to conduct sessional classes and all types of Research & Development activities with computer & internet facilities. Laboratories are funded by AICTE MODROB Scheme.



E - Campus

- 9 computer laboratories in Computer Science Department have their own Computing Facility with 100% fast ethernet LAN With optical fiber backbone and WiFi facility in entire campus to access e-resources available on Internet & Intranet.
- VSAT connectivity for virtual online class room facility.
- 100 mbps dedicated internet facility 24x7.



Transport Facilities

Safe & affordable transportation facilities are available for students and staff.



Wipro



Shyam Metalics



Ambuja Cement

Excellence Centres / Societies/Clubs

- Nanotech center
- Linux Club
- Robotic club
- Renewable Energy Club
- NCC and NSS
- Rotaract
- Hobby Centre

- 100% hostel facilities for both Boys & Girls
- (2 girls & 5 boys hostels).
- GYM, First Aid, Library
- Indoor & Outdoor Games
- 24 Hours Security Service are available.

Hostels (Boys & Girls)

Cafeteria with fresh snacks & lunch facility.

Cafeteria



- ISTE & faculty Chapter
- Mechanical Engineers Society
- Electrical Engineers Society
- Society of Computer Science & IT
- Red Ribbon Club
- Music Club



Banking/ATM Facility

Banking services through Axis Bank with ATM facilities inside the campus.



Sports Complex

Sports complex with tennis, badminton, volleyball & basketball courts. Also with cricket ground, football ground & amphitheatre.

GYM Facility

Modern multi GYM for boys & girls with fitness equipments.

Global Placements

Some of our Recruiters during the last 14 years

 ABB India Limited
 Accenture
 AGI glaspac
 Amazon
 Aricent
 Atos Origin
 Bajaj Auto
 Bhushan Steel
 Birla Soft
 BRG Steel
 Capgemini
 Capillary Technologies
 Caterpillar
 Cci Valves
 Cdd
 Cerner
 Cg Coreel
 Cisco
 Citi Bank
 Citrix
 Clear Trip
 Cocacola
 Commvault
 Computer Science Co.
 Comviva
 Cummins
 Cybage
 Cypress
 De Shaw
 Dell
 Deloitte
 Delphi
 Deltax
 De Smet
 Daikin
 Digital Insight
 Digital Juice
 Direct I
 Dr. Reddy'S Lab
 Ebay Pay Pal
 Elgi
 Emc
 Enzen Global
 Ericsson
 Ernst & Young
 Esi Software
 Essar Group
 Exeter
 Exilant Technologies

 Exl Services
 Expicient
 Fact Set
 FCS
 Fedility
 Fichtner India
 Fico
 Firetide
 First Apex
 Flip Kart
 FMC Technologies
 Free Scale Semi Conductors
 Futures First
 Gati
 Ge Health Care
 Genpact
 Geodesic
 Global Logic
 GM
 Gmmco
 GMR
 Gnostic
 Gold Man Sachs
 Good Rich
 Google
 Grant Thornton
 Gujarat Gas
 Gupta Power
 Hari Machines
 Harman Engineers
 Harman International
 Hashed In
 Hawe
 Hcl
 Hcl Generic
 Hcl Technologies
 Heerema Marine Contractors
 Himalaya Drug Company
 Hindustan Unilever Limited
 Honda Motors
 Honeywell
 Hp
 Hycom
 I Create
 I Gate
 I2 Technologies
 IBM
 Icici Securities
 Indegene
 Indo-Mim

 Infineon
 Informatica
 Infosys
 Infotech Enterprises
 Inmobi
 Intel
 Intuit
 ITC Agri Business Division
 ITC Filtrona Limited
 ITC Infotech
 ITC Paper Division
 ITC Tobacco
 Ittiam
 Ivytech
 J.P. Morgan
 JBM
 JDA
 JMC
 John Deere
 JLL
 JPMorgan
 JSW
 Jubilant
 JUNIPER
 KENNAMETAL
 KIWI
 Knowledge faber
 KPMG
 LANCO
 L&T (Powai)
 L&T Ecc
 L&T IES
 LG Electronics
 LG Soft India
 Linked In
 LSI
 mCube
 Mahindra Comviva
 Mahindra
 McAfee
 MCF
 Mercedes Benz
 MetricStream
 MICHELIN
 BOSCH
 Microsoft
 miebach
 Mindtree
 Mindfire
 MISTRAL



- Placed through campus recruitment **80%**
- Higher Education & others **20%**

Our Placement Record

2021-2022	22 Recruiters	103 + offers
2020-2021	20 Recruiters	107 + offers
2019-2020	24 Recruiters	122 + offers
2018-2019	22 Recruiters	129 + offers
2017-2018	36 Recruiters	145 + offers

Global Placements

Some of our Recruiters during the last 14 years



Synergy is proud of the Engineers working worldwide Degree Wings



Chanchal Chitwan
Ministry of Defence, Govt. of India, Delhi
Asst. Director at ARMED FORCES HQ
Civil Services



Sicon Mishra
Technical Services (TL)
IBM, Delhi



Kunal Chandra
Accenture, SAP ABAP
/ ABAP for HANA,
Sr. Consultant, Bangalore



Ved Prakash Mishra
Sr. People soft
Administrator & Architect,
Larsen & Toubro Infotech,
Maharashtra



Kumar Gourav
Allegies Group
Sr. Software Testing
Engineer, Bangalore



Suman Thakur
AMERICAN EXPRESS
Phoenix
Arizona, USA



Antish Behura
Capgemini
Sr. Software Developer
Bangalore



Jyoti R. Panda
BANK OF NEWYORK
TechnicalLead
MELLON



Ashutosh Pradhan
Xerox Business Services
Sr. SQA Engineer
Bangalore



Santosh K Moharana
Mercedes Benz India
Sr. Consultant
Bangalore



Swapna Sagar Mohanty
ORCALE, India
Sr. Consultant
Bangalore



Kamakanta Choudhury
Wipro
Sr. Consultant (Sales)
Bangalore



Mitali Das Mohapatra
BRIGHT SYSTEMS
Data Base Administrator
Cleveland, Ohio



Sujit Panigrahi
ATOS
Team Leader
Netherlands



Swagatta Dutta
MOUNT TITLIS
Engelber, Switzerland



Aryasindhu Sahu
L & T Technology
Services Ltd
Sr. Testing Engineer
Korea



Sangram Keshari Singh
PPL .LTD
Dy. Manager,
Paradeep, Odisha



Aman Kumar Das
ASO, Secretariat
Govt. of Odisha, BBSR



Chinmaya Panda
COGNIZANT
Enterprise Architect
USA



Rupam Roy
NOKIA
Technical Specialist
Bangaluru



Deepanwita Maity
COGNIZANT
SAP Consultant
Bangaluru



Raja Prasad
AMERIPRISE
FINANCIAL
USA



Asutosh Ratha
PRICE WATER HOUSE
COOPERS PVT. LTD
Manager, Bangaluru



Tadasha Nayak
IBM INDIA
ASE
Bangaluru



Soymya Hota
FUJITSU
System Architect
Bangaluru



Subhashree Suchismita
ODISHA CIVIL SERVICE(OAS)
Govt. Of Odisha



Soumya Satavisa
ODISHA CIVIL SERVICE (OAS)
Govt. Of Odisha



Madhulika Mandal
COGNIZANT
Manager
Irving, Texas



Ashutosh Mishra
TCS
Asso. System Engineer
Bhubaneswar



Khusboo Singh
Cognizant India
Developer at Cognizant
Mobility, Kolkata



Jitendra K. Panigrahi
Thermax Limited
(Boiler & Heater Group)
Mechanical Engineer
Pune



Prabin Nayak
Philips Innovation
Services
Sr. Software Engineer
Bangalore



Abhiman Mishra
JSW Dharamtar Port
Pvt Ltd
Asst. Manager
Mumbai



Gulshan Kumar
Zaptech Solutions
Pvt Ltd
Sr. PHP Developer
Ahmedabad



Ankit Kumar
AMAZON India
Sr. HR Associate
Mumbai



Abhishek Mohanty
Ilahiring Technology Pvt. Ltd.
UI/UX Designer
Ahmedabad



Saswat Sachin Mishra
Accenture
Software Engineer
Hyderabad



Sankalp Mishra
Reliance Communication
Veritas Netbackup
Administrator, Mumbai



Rajiv Hota
TATA Motors
Product Manager
(Automobiles)
Jamsedpur



Anil Kumar Samal
Marvell Semiconductor
Software Quality Analyst
Redmon, Washington



Nitesh Kumar
EXILANT Technologies
Software Engineer
Bhubaneswar, Odisha



Priya Ranjan Pani
Keysight Technologies
R & D Software Engineer
Gurgaon, India



Prasanta Sarangi
Sterling & Wilson (P) Ltd
Electrical Engineer
Bangalore



Rimpay Patel
Robert Bosch
Sr. Embedded testing
Engineer



Charmi Doshi
ADP
Business Process Lead
Hyderabad



Subhakant Roul,
Accenture
Software Engineer
Bengaluru



Pratikshya Mishra
Walmart Global Tech India
Software Developer
Bangaluru



Ritu Roy
Analyst Developer
2019 Batch, Capgemini



Satyabrata Sarangi
Doctoral Student
Researcher at
University of
California, Davis



Malyasabha Pattnaik
INFOSYS LDT.
Technical Lead
Hightech City, Bhubaneswar



Rajib Ku. Mahunta
Prasar Bharti (AIR)
Transmission Executive
Joranda, Dhenkanal



Arpita Aprajjita
WIPRO
Software Developer
Bangaluru



Kuldeep Choudury
Tata Consultancy
Services
SAP Basis Consultant
Bangaluru



Chandrakanta Rath
TATA HITACHI ,WCL
MINES
Business Consultant
Mumbai, Maharashtra



Chitta R. Routroy
VODAFONE ESSAR
SPACETEL LTD
Team Leader
Navi Mumbai

Global Placements

Some of our Recruiters during the last 14 years



Sumit Rupam Sourav
UPSC,
Indian Engineering Service,
New Delhi



Ankita Sahu
GRADUATE RES. ASST. MS.
Huston, Texas, USA



Sanu Das
ORACLE CLOUD
Infrastructure,
North Carolina, USA



Sruttakriti Biswal
OPSC,
Asst. Executive Engineer
Odisha



Jyoti Prasad Nayak
OPSC,
Asst. Executive Engineer
Odisha



Sanjukta Singha
OPSC,
Asst. Executive Engineer
Odisha



Dibyanshu Prasad Das
Evation Business Solution,
Entrepreneur,
Cuttack



Sameer Hussain
Senior Software Engineer
Royal Dutch Shell
India



Pradeep Kumar Ghadei
KOTAK MAHINDRA BANK
Manager



Bikash Pattanaik
Phd SCHOLAR
IIT, Jodhpur



Biswa Ranjan Behera
TATA POWER
Lead Engineer,



Abhishek Mund
Phd Scholar
IIT, Goa



Naresh Kumar Kar
AMCHEM PRODUCTS,
Project Engineer,
Noida



Gaurang Behera
DELHI METRO
System Engineer,
Delhi



Monica Kumari
Quality Analyst
Bangalore



Sandeep Nayak
VEDANTA
Network Engineer,



Pyush Pradhan
JE(Electrical),
PRAJ, PUNE



Ashok Kumar Sahoo
Canera Bank
Asst. Manager



Surya Kanta Acharya
TATA STEEL ,
Project Engineer, Kalinga
Nagar, Jajpur



Punam Mohapatra
INFOSYS,
Software Developer,
Bhubaneswar



Heena
WIPRO
Software Developer,
Bangalore



Abdul Mokim
IBM,
Software Developer ,
Bangalore



Bikram Kumar Swain
Tech Mahindra
Senior Software Engineer



Anwesha Anindita
WIPRO Ltd,
Bangalore



Subham Mohapatra
MERCEDES-BENZ,
Bangalore



Sachidanand Roul
Central Water, Junior Engineer
Bhubaneswar



Manas Ranjan Kar
Junior Engineer
Public Works Dept
Paralakhemundi



Subhakanta Sahoo
Junior Engineer
L & T Construction PVT. LTD.
Cuttack



Abdul Mokim
Software Developer
at IBM Bangalore



Sringerika Sahay
Accenture
Bangalore

Diploma Engineers working worldwide



Dinesh Behera
Mother Sons ® Ltd.
Mechanical



Bikramadiya Gochhayat
Jaybharat Maruti
Electrical



Jagyansha Nayayan Mishra
Jaybharat Maruti
Electrical



Sambit Kumar Patra
Minda Industries
Pvt. Ltd,
Chennai



Satyajit Sahoo
Minda Industries
Pvt. Ltd,
Chennai



Premjeet Prusty
Minda Industries
Pvt. Ltd,
Chennai



Prasanna Behera
Minda Industries
Pvt. Ltd,
Chennai



Durga Prasad Patra
Minda Industries
Pvt. Ltd,
Chennai



Biswajit Sahoo
Minda Industries
Pvt. Ltd,
Chennai



Saumya Ranjan Parida
Minda Industries
Pvt. Ltd,
Chennai



Mohammad Afzal Imam
Minda Industries
Pvt. Ltd,
Chennai



Y Mohit Rao
Minda Industries
Pvt. Ltd,
Chennai



Soumya Ranjan Swain
Minda Industries
Pvt. Ltd,
Chennai



Sunil Ku Yadav
Royal Enfield
Re-Academy,
Madurai



MD Danish Ansari
Royal Enfield
Re-Academy,
Madurai



Ashok Kumar Naik
JSW, NUGAON IRON ORE
BLOCK,
Diploma Engg Trainee.
Keonjhar.



Sambhunath Barik
JSW, NUGAON IRON
ORE BLOCK,
Diploma Engg Trainee.
Keonjhar.



Rajan Munda
MOTHERSON
AUTOMATIVE TECH.
Diploma Engg Trainee.
Gujurat



Birju Kumar
MOTHERSON
AUTOMATIVE TECH.
Diploma Engg Trainee.
Gujurat



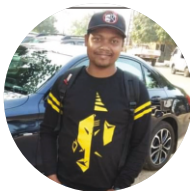
Akash Kumar Nayak
MOTHERSON
AUTOMATIVE TECH.
Diploma Engg. Trainee.
Gujurat



Rajesh Kumar Sahoo
TRIBENI EARTH MOVERS,
JODA ,Diploma Engg
Trainee.
Keonjhar.



Sumit Kumar Mallick
MOTHERSON AUTOMATIVE TECH.
Diploma Engg. Trainee.
Gujarat



Sukadev Naik
Diploma Engg. Trainee.
JSW, NUGAON,
Keonjhar



Bisweswar Mahanta
JSW, NUGAON
IRON ORE BLOCK
Diploma Engg. Trainee.
Keonjhar



Asish Lakra
MOTHERSON
AUTOMATIVE TECH.
Diploma Engg Trainee.
Gujarat



Omprakash Behera
Jaybharat Maruti
Electrical



Pinaki Bhushan Mishra
Jaybharat Maruti
Mechanical Branch

CIVIL LAB

CONCRETE & MATERIAL TESTING LAB

- Cement tensile testing machine
- Sieve shaker
- Aggregate Crushing test apparatus
- Compaction factor Apparatus
- Concrete mixture
- Relative Density Apparatus
- Universal testing machine & all accessories

GEOTECHNICAL LAB

- Direct shear test apparatus
- Triaxial shear test apparatus
- Permeability test apparatus
- Compaction test apparatus
- Consolidation test apparatus
- C.B.R test apparatus
- Unconfined compression test apparatus



ENVIRONMENTAL ENGG. LAB

- Jar Test Apparatus
- B.O.D. Incubator Shaker
- C.O.D. Apparatus
- Autoclave
- Laminar air flow
- Spectrophotometer
- Water analyzer
- Respirable dust sampler

TRANSPORTATION ENGG LAB

- Los Angeles abrasion testing machine
- Aggregate impact tester
- Ductility testing machine
- Marshall stability & compaction ASTM 1559
- Centrifuge Extractor electrically
- Water absorption & specific gravity

SURVEY LAB

- Dumpy level & Auto Level
- Transit theodolite
- Electronics Total station

COMPU. AIDED DRAFTING LAB

- AUTO CAD, STAADPRO, REVIT

COMPUTER SCIENCE ELECTRICAL LAB

GRAPHICS AND MULTIMEDIA LAB

- Quality systems for graphics and multimedia work.
- Networking for better and practical approach
- IWT laboratory courses

SYSTEM PROGRAMMING LAB

This laboratory is setup to conduct the system programming.

- Shell programming using the Linux environment.
- Visual Studio, Python.

DATABASE LAB

This lab. is setup for Database Lab.

- ORACLE 10G XE.

BASIC COMPUTING LAB

- C, C++, DSTC & RDBMS programming Lab.

PROJECT LAB

This laboratory is designed for the students to work on their projects.



ONLINE APPLICATION LAB

- Campus Connect program enable students to work on practical assignment by Infosys

NETWORKING AND COMPUTER ORGANIZATION LAB

- Students are exposed to the concept of networking through the LSIM and NSIM Simulators.

SOFTWARE ENGINEERING LAB

- Different Software Development Models are practised by the students using the RATIONAL ROSE software.

INTERNET AND COMPUTER CENTER

- This laboratory is setup for the students for various online activity like web surfing, online quizzes and tests etc

BASIC ELECTRICAL ENGG.

- Single Phase Transformers.
- Single Phase Motors
- 3-Ph Power Measurements
- AC/DC Motor coupled with generators.

NETWORK DEVICES LAB

- DC/AC transient RL, RLC circuit.
- 20 MHz Digital storage Oscilloscope.
- Network Theorem kit.
- Frequency response of band passes kit.
- Function Generators.

ELECTRICAL MACHINE LAB

- 3-phase Transformer.
- DC shunt motor coupled to generator.
- DC shunt motor coupled to Alternator.
- Synchronous Motor.
- Three phase slip-rings Induction Motor.



POWER ELECTRONICS LAB

- Single-phase Cycloconverter.
- Three-phase bridge-converter.
- UJT trigg. & AC/DC bridge converter.
- Buck-boost converter.
- Three-phase diode module.

CONTROL & INSTRUMENTA. LAB

- PLC LVDT Module
- AC Servomotor Lag/ Lead compensator
- Pressure measurement Strain measurement
- DC Position control system

ELECTRICAL MEASUREMENT LAB

- Kelvin Double Bridge, Schering Bridge
- LVDT Transducers
- Hysteresis measuring device
- L-C-Q-R Meter PWM Inverter

POWER SYSTEM LAB

- HV Oil Test Kit I IDMT Relay
- Current Injection Kit
- Artificial transmission lines
- LCQR meter Cable fault locator
- Storage Oscilloscope MATLAB-10

ELECTRIC DRIVES LAB

- Single/3-phase AC to DC Converter
- Four Quadrant Chopper
- Single Phase Dual Converter
- 3-Phase IGBT based v/f Vector control AC drive
- Control unit for speed-time Characteristics

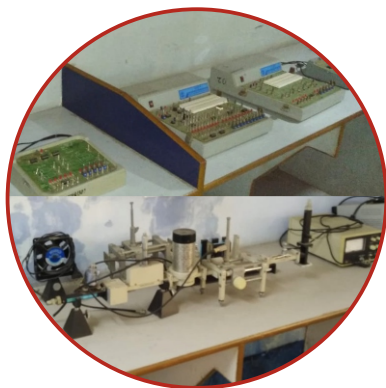
ETC ELECTRICAL & TELE COMMUNICATION LAB

BASIC ELECTRONICS LAB

- Cathode Ray Oscilloscope
- Function Generator
- Universal Trainer Kit
- Multimeter

ANALOGUE ELECTRONICS CIRCUITS LAB

- Cathode Ray Oscilloscope
- Function Generator
- Universal Trainer Kit,
- Multimeter
- Digital Electronics Circuits Lab
- Digital IC trainer Kit
- Half and Full Adder Trainer Kit
- BCD Display
- 4-bit Asynchronous Counter Kit



MICRO PROCESSOR AND MICRO CONTROLLER LAB

- 8085 microprocessor trainer kit
- 8086 microprocessor trainer kit
- 8051 microcontroller trainer kit

MICROWAVE LAB

- Microwave test bench
- Optical fibre trainer kit

ANALOGUE COMMUNICATION LAB

- DSB/SSB AM transmitter trainer kit
- DSB/SSB AM receiver trainer kit
- FM transmitter & Receiver trainer kit
- Amplitude modulator and demodulator trainer kit

DIGITAL COMMUNICATION LAB

- TDM, PCM Transmitter trainer kit
- TDM, PCM Receiver trainer kit
- Pulse amplitude modulator and demodulator trainer kit

DIGITAL SIGNAL PROCESSING LAB

- MATLAB Software
- TMS320C5416 DSP starter kit
- TMS320C6748 DSP starter kit

VLSI LAB

- Xilinx Software
- CCS Compiler for PIC 18F with MPLAB IDE single user
- Iar J-link debugger for ARM

MECHANICAL LAB

WORKSHOP

- Lathe Machine.
- Shaper Machine
- Planer Machine
- Milling Machine
- Drilling Machine
- Welding Machine

FLUID & HYDRAULIC MACHINES LAB

- Venturi Meter & Orifice Meter Apparatus
- Bernoulli's Apparatus.
- Metacentric Height Apparatus
- Reciprocating Pump
- Centrifugal Pump
- Gear Pump
- Pelton Turbine
- Francis Turbine
- Kaplan Turbine
- Impact Of Jet Apparatus

MATERIAL TESTING LAB

- Universal Testing Machine
- Cupping Testing Machine
- Torsion Testing Machine
- Metallurgical Microscope
- Strain Gauge Unit
- Universal Governor
- Static & Dynamic Balancing Apparatus
- Journal Bearing Apparatus
- Gyroscope
- Epicyclic Gear Train
- Cam Analysis Apparatus

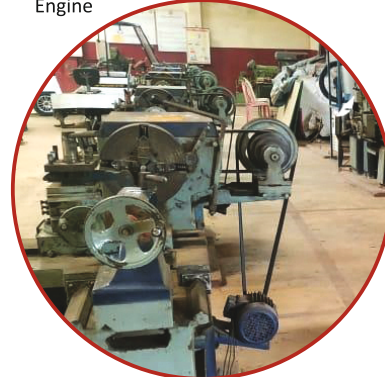


PRODUCTION LAB

- Mig Welding
- Sand Rammer
- Universal Strength Machine
- Lathe Tool Dynamometer
- Drill Tool Dynamometer
- Sieve Shaker
- Thermo Couple
- Pneumatic Trainer
- Hydraulic Trainer
- Rotameter

THERMAL LAB

- Forced Convection Heat Transfer Apparatus
- Parallel & Counter Flow Heat Exchanger
- Heat Transfer From Pin-Fin
- Heat Transfer Through Composite Wall
- Stefan-Boltzman Apparatus
- Emissivity Apparatus
- Refrigeration Test Rig
- Air-Conditioning Test Rig
- Mini Ice Plant
- Performance of Air Conditioning Test Rig(Duct Type)
- 2-Stroke and 4- stroke Petrol and Diesel Engine



- 2 Stage Twin Cylinder Air Compressor Test Rig Energy Meter Type
- Multi cylinder 4-Stroke Petrol Engine Test Rig With Hydraulic Dynamometer
- Vertical Water Tube Boiler Model
- Single Cylinder 2-Stroke Air Cooled Petrol Engine Test Rig With Rope Brake Dynamometer
- Research engine setup
- Exhaust Gas Analyzer

CAD AND CAM LAB

- Computers
- CAD and CAM Software
- 3D Printer
- CNC Machine (XL-MILL)
- CNC Machine (XL-TURN)
- Aristo Robot

TRIBOLOGY LAB

- Pin On Disc
- Two Body Wear Tester
- Electronic Weighing Machine

MINING ENGG LAB

- Mine Machinery Lab I & II
- Mine Ventilation Lab
- Geology Lab I & II
- Mines Sruvey Lab I,II & III
- Mining Environment & Hazard lab

Center of Excellence

Department of Computer Science & Engineering

We have academic collaboration with:

- Microsoft Imagine
- Oracle Academy
- Redhat Linux
- Texas Instrumentation

Training Programmes :

- Infosys Spring Board Programme
- TCS LLI (Life Long Learning
- Virtual Lab (IIT Kharagpur)-
- NASSCOM FS Prime for AI & ML, BIG DATA and Analytics

Department of Electrical Engineering

- Smart building management systems and automation to be established by “Schneider Electric India Pvt. Ltd.”, Gurgaon-122002, Haryana, India.
- Manufacturer of Electric Vehicles to be established by Mahindra Reva Electric Vehicles Pvt. Ltd., Bengaluru Karnataka.

Department of Electronics and Telecommunication:

- Micro Controller Based EMBEDDED SYSTEMS in collaboration with MICROCHIP ACADEMIC PROGRAMME

Department of Mechanical Engineering

- To enhance internship activities month long Internship on 3D Printing & Additive Manufacturing/ Placement Assistance is arranged for 150 students at Adhya College of Engineering & Technology for women & IES College of Engineering & Technology.
- COE “Advanced Welding Technology” established communication with Panasonic, ESAB welding for students internship and on study training courses
- Proposal established with 3D MAX for MoU and online hands on learning.

Department of Civil Engineering

- We have academic collaboration with Architectural design and Vastu
- Remote Sensing Application in GIS.

Specialised Course

B.TECH.

Computer Science & Engineering

Cloud Computing & Data Science
Data Engineering & Mainframe Dev.
Cyber Security & Analyst
Block Chain Technology
Embedded System & Industrial IOT
Data Science & Big Data
Artificial intelligence & Machine Learning
Image & Video Processing
UI Design & Mobile App Development
Web Development Application Design
Augmented Reality & Virtual Reality
Full Stack Development

Electrical Engineering

MATLAB & Simulink ■ Installation & Maintenance of Solar Power ■ PLC, SCADA ■ Energy Management
Electrical Equipment Repair & Maintenance ■ Industrial Automation

Mechanical Engineering

Hybrid Electric Vehicle Design
AutoCAD ■ Solid Works ■ Ansys
CNC Milling & Turning ■ Robotics ■ 3D Printing ■ Advance Welding
Performance analysis of Bio fuels

Civil Engineering

Revit ■ Mat Lab ■ Manual Engineering Drawing ■ Introduction to architectural designing ■ 3D Max ■ GIS

Incubation Center

Incubation Centre is providing a vibrant ecosystem for promoting innovations and entrepreneurship development. It is also providing facilities to be a potential centre of relevance and excellence in the eastern part of India. Having established as a premier laboratory incubation centre we are facilitating budding entrepreneurs.

We provide unique and highly flexible combination of business development processes, infrastructure and people, designed to nurture and grow new and small businesses by supporting them through early stages of development and change. We work with the objective

- To nurture culture of Innovation at Campus
- To engage the local people by providing them proper guidance through team of experts.
- To create start up eco system at campus
- To encourage and solve real problems.
- To create value added jobs and services



Synergy Group of Engineering Colleges

Dhenkanal Campus

Dr. M.P.Dash-9937320472
(Admission Head)

S.K.Nayak -9437027019
C.K.Mishra-9437962819
A.Panda-9437177467
P.R.Khutua-9437578074

Bhubaneswar Campus

Debasis Nayak-9437169419
(Admission Head)

Rakesh Kumar Dash-9437585519
Mita Sethy-9437496519
S.N.Behera-9437179819

ODISHA

ANGUL

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A.Panda - 9437177467
P.R.Khatua – 9437578074

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C.R. Pradhan - 9438040937

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Pravat Behera (T&P)- 9437106195

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D. Dash - 9437962813

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CUTTACK / CHOUDWAR

Swarup Mohanty -9438384158
P. K. Behera – 8908004882
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Jiban Jyoti Patra - 8249130874

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BOUDH / PHULBANI

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ROURKELA/SUNDERGARH/KEONJHAR

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Ananat Sahoo- 9438801117

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JAMSHEDPUR

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RANCHI & HAZARIBAG

C.K.Mishra- 9437962819

DHANBAD & DEOGHAR

P.R.Khatua- 09437578074

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JAGDALPUR

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S.K.Nayak - 9437027019

BIHAR

PATNA

Debasish Dash- 09437962813

MUZAFARPUR

Debasis Nayak- 09437169419

GAYA

A. Panda- 09437177467

BHAGALPUR

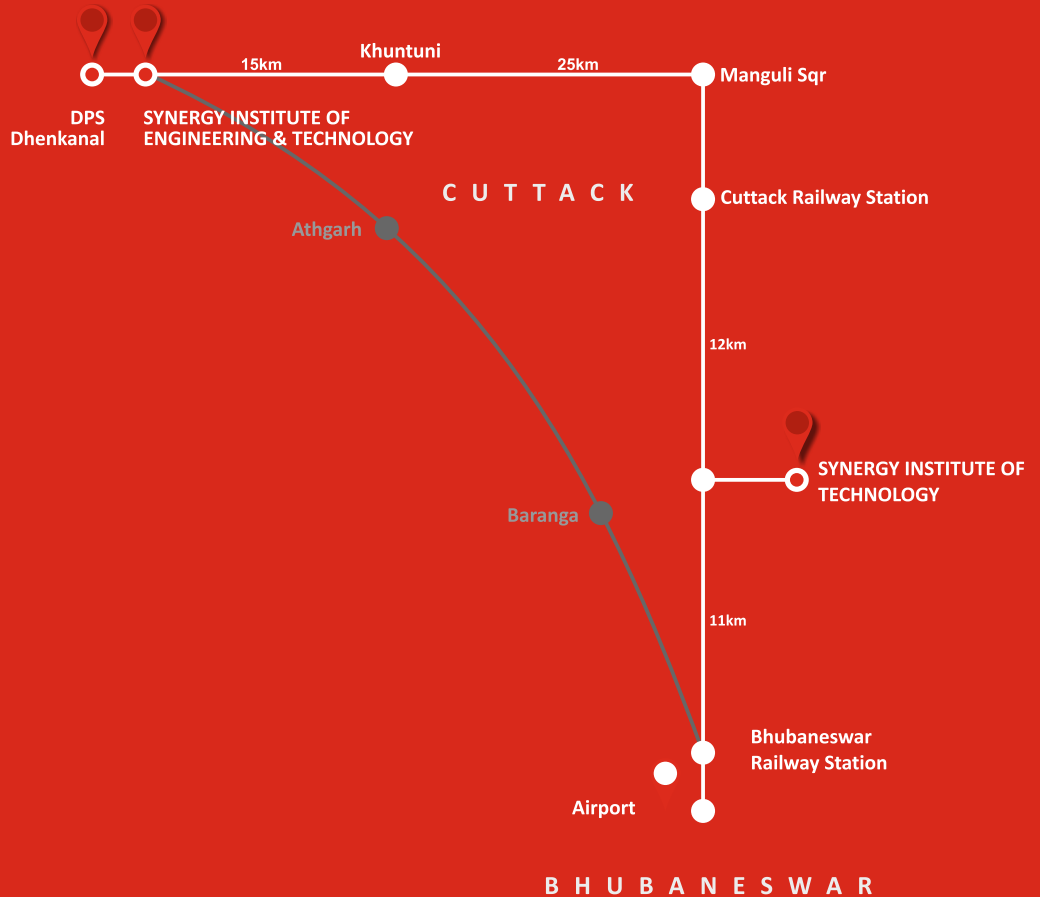
P.R.Khatua- 09437578074

NORTH EAST

GUWAHATI/SILCHER/AGARTALA/SHILONG

S.K.Nayak- 09437027019

D H E N K A N A L



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