



INFORMATION BROCHURE 2021-22



GOVERNMENT POLYTECHNIC, BHUBANESWAR

CHANDRASEKHARPUR, BHUBANESWAR-751023

(A State Govt. Organization Affiliated to SCTE&VT, Odisha)

www.gpbhubaneswar.com



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Principal
Government Polytechnic, Bhubaneswar
Chandrasekharpur, Bhubaneswar-751023

About us

Established in 1978, Government Polytechnic Bhubaneswar has evolved as one of the most cherished destination for the candidates aspiring to have a growing career in technological arena.

It is situated in the heart of the city having excellent communication facility. Campus of the college spreads over 14.87 acres of land which accommodates individual infrastructure for academic, administration and hostel purpose with a spacious ground.

It offers an excellent infrastructure and the best learning ambience in the Temple city. Be it higher education at Universities of repute or a respectable job at public sector industries or multi-national sectors, students of the Government Polytechnic Bhubaneswar are among the desired lot. Besides the academic strength that students garner here, professional skill development in high-end areas and around personality development make the students different among their class. Located ideally in heart of the state capital Bhubaneswar, it provides

its students the competitive and resourceful environment and promotes them to perform to the best of their abilities. The institution aims at melding a new breed of technocrats with the competitive edge to match both national and international standards. The college aims at educating the students to become not only competent professionals but also excellent human beings, who would contribute towards the welfare of the society and help in raising the quality of life of its people.

The institution is recognized by All India Council for Technical Education, New Delhi and affiliated to State Council for Technical Education & Vocational Training, Odisha, Bhubaneswar.

Modern Office Management. Course is declared to be equivalent to +3 Commerce with Honours and BBA of different universities of Odisha.

VISION

Our vision is to be a premier Diploma Institution in the Eastern India by transforming the learners into competent technocrats by imparting technical education in multiple disciplines.

MISSION

Our mission is to:

- Focus on quality teaching and learning by providing better academic environment for both faculties and students.
- Develop professionally and technically skilled students who work for betterment of the society.
- Nurture positive attitude and social values amongst the students and staff.

CORE VALUES

- Team Work
- Transparency
- Discipline
- Social Awareness
- Empathy

PROGRAMME OUTCOMES (POs) of Diploma in Engineering

P01: Basic and discipline specific knowledge:

Apply knowledge of basic mathematics, science, engineering fundamentals and engineering specialization to solve the engineering problems.

P02: Problem Analysis:

Identify and analyze well-defined engineering problems using codified standard methods.

P03: Design/ development of solutions:

Design solutions for well-defined technical problems and assist with the design of systems components or processes to meet specified needs.

P04: Engineering tools, experimentation and testing:

Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.

P05: Engineering practices for society, sustainability and environment:

Apply appropriate technology in context of society, sustainability, environment and ethical practices.

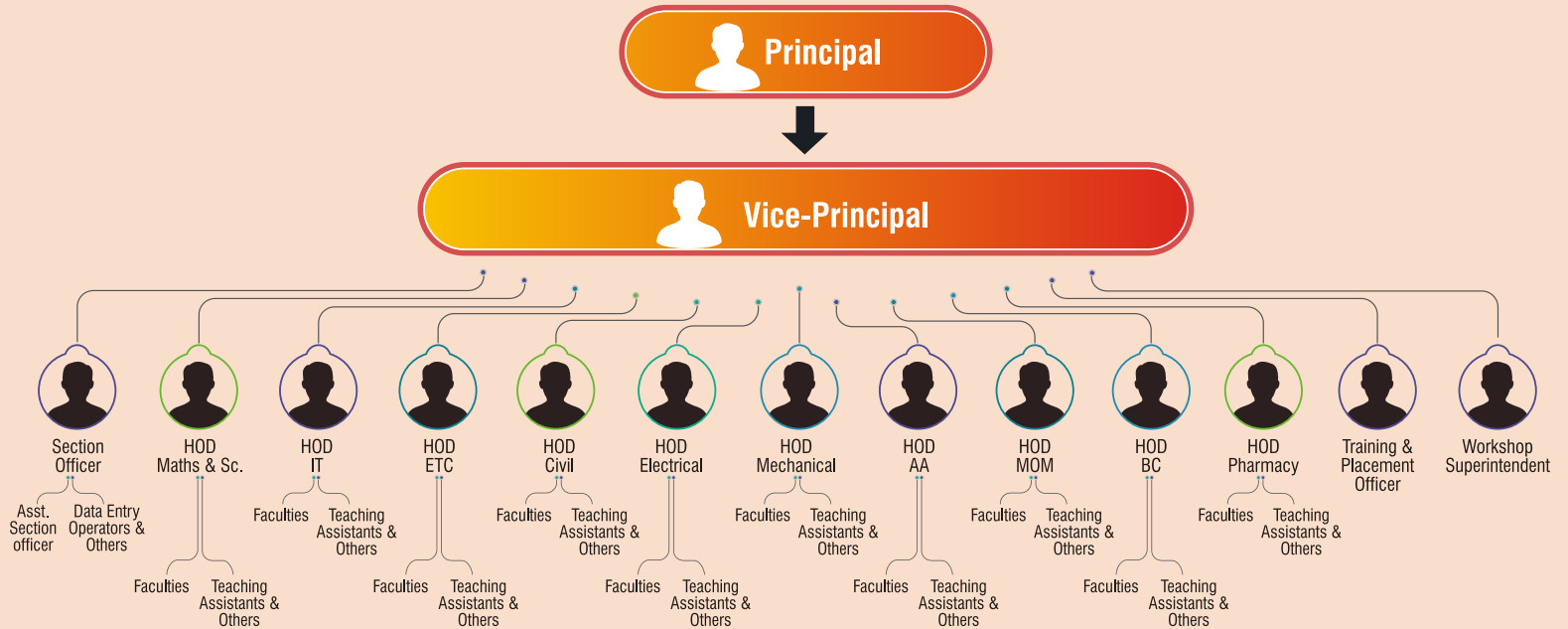
P06: Project management:

Use engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about well-defined engineering activities.

P07: Life-long learning:

Ability to analyze individual needs and engage in updating in the context of technological changes.

INSTITUTE ADMINISTRATION



OUR INTAKE

1. Civil	:	120
2. Electrical	:	80
3. Mechanical	:	60
4. Electronics & Telecommunication	:	40
5. Information Technology	:	40
6. Architectural Assistantship	:	30
7. Modern Office Management	:	20
8. Beauty Culture	:	20
9. Pharmacy	:	60

GOVERNING BODY GOVERNMENT POLYTECHNIC, BHUBANESWAR

Chairperson: The Collector and District Magistrate, Khordha

1. Regional Officer, ERO, AICTE, Kolkata
2. Nominee of DTE&T, Odisha, Cuttack
3. Nominee of the V.C., SCTE&VT, Odisha, Bhubaneswar
4. Principal, Government ITI, Bhubaneswar
5. District Employment Officer, Bhubaneswar
6. Executive Engineer (R&B), Div: III, Bhubaneswar
7. Executive Engineer (PH), Div: III, Bhubaneswar
8. General Manager, CTTC, Bhubaneswar
9. Director, HR, OHPC
10. G.M. (HR), Paradip Phosphate Ltd., Paradip
11. M.D., Nilachal Carbo Metallics Pvt. Ltd., Bhubaneswar
12. Training Superintendent, Government Polytechnic, Bhubaneswar
13. Workshop Superintendent, Government Polytechnic, Bhubaneswar
14. Principal-cum-Member Secretary



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DEPT. OF MATHEMATICS AND SCIENCE

The Department of Mathematics and Science was founded in 1979. It has three basic sciences: Mathematics, Physics and Chemistry. The Department of Mathematics and Science plays a unique and distinctive role in an institute where the ethos of science and technology prevails. It is believed that engineering and science are, by their very nature, humanistic and socially derived enterprises. Hence a complete science and technology education must have a base of mother branches of technology and sciences where the students learn application of scientific principles along with language skill and social understanding.

VISION

The Department supports the Institute mission by empowering students to develop critical thinking and problem solving skills, content knowledge and the ability to communicate ideas effectively.

MISSION

Understand the connections within mathematics, physics and chemistry as well as application of mathematics, physics and chemistry to other engineering disciplines also to develop connections to professional communities.

STAFF POSITION:

1. Smt. Tanuja Dash, Sr. Lecturer(HOD)
2. Smt. Sasmita Moharana, Sr. Lecturer
3. Smitarani Barik, Lect. (Mathematics)
4. Kishore Kumar Adek, PTGF (Mathematics)
5. Niranjana Behera, PTGF (Mathematics)
6. Susree Swadhinpriya, PTGF (Mathematics)
7. Ajamber Behera, PTGF (Physics)
8. Pritismita Mohanty, PTGF (Chemistry)
9. Supriya Panda, Lab. Assistant (Chemistry)
10. Prakash Kumar Sahoo, PTGLA (Physics)



PHYSICS LABORATORY

Physics laboratory helps a student in establishing the relevance of the theory. It brings clarity in the mind of the students regarding the basic concept of the subject. Students understand the difference between theory and application. Physics laboratory helps a student in improvising their approach towards the subject.



CHEMISTRY LABORATORY

The purpose of the chemistry laboratory component of the course is manifold. It reinforces the material the students have learned in class and it gives them a chance to apply their knowledge. Here they learn some important experimental techniques that are necessary for earning expertise in the area and strengthening their applied knowledge of the subject.

DEPT. OF CIVIL ENGINEERING

Civil Engineering department started in the year 2002. It plays a vital role in the growth and development of any nation. Infrastructures like roads, buildings, railways, airports, dams, drainage and irrigation canal system, water supply network need the knowledge and services of civil engineers. The sequential provision of subjects develop the engineering mythology and practice as applied to planning, design and control of buildings, bridges, hydraulic structures environmental system, transportation system and others. The programme instills in the students, a professional approach through project work and practical training. It has an intake of 120 seats.

VISION

Department of Civil engineering aims at nurturing the students with good technical knowledge and skills and to make them competent in all sectors as per current market demand.

MISSION

- To train the students technically so as to make them market ready as per new technology.
- To impart quality education for the students of civil engineering.
- To motivate the students for higher study and entrepreneurial activities.
- To counsel the students to develop positive attitude for handling stress and to develop spiritual activities.

STAFF POSITION:

1. Smt. Sailaja Bhuyan, Sr. Lecturer I/C(HOD)
2. Debasish Behera, Lecturer
3. Simadri Kumar Bala, PTGF
4. Kalyani Mohanty, PTGF
5. Laxmipriya Swain, PTGF
6. Monali Monalisa Bala, PTGF
7. Suryasmini Swain, PTGF
8. Jasodhara Sahoo, PTGF
9. Subhradeep Das, PTGF
10. Priradarshini Behera, PTGF
11. Mehbood Bahar Khan, PTGI

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO1: Good Quality Education

To make the students knowledgeable, skilled and shape their overall personality

PEO2: Socially and Spiritually Responsible

The students of civil engineering department will develop their positive attitude and team spirit for doing any community service for the betterment of the society as well as in their future professional career.

PEO3: Team work and Leadership

To integrate good attitude, teamwork & leadership skills with the students to enable them for a logical approach towards any engineering problem as well as in their life.

PROGRAMME SPECIFIC OUTCOMES (PSOs)

PSO1: Academic and Software excellence

To make the students industry ready immediately after completion of the program through their understanding and skills acquired.

PSO2: Higher Study

To encourage the students to gain more knowledge by going for higher studies and ultimately contributing towards the collective good of people.



MATERIAL TESTING LABORATORY

In this lab students perform various tests on soil, cement, concrete, bitumen such as cbr test, triaxial test, permeability, tensile test on mild steel rods, compression test, ductility test on bitumen, etc.

SURVEY LABORATORY

In this lab students perform various survey related activities such as chaining, leveling, compass surveying, plane table surveying, theodolite, etc.

PUBLIC HEALTH ENGINEERING LABORATORY

In this lab students perform various experiments related to public health such as turbidity of water using nephelometer, ph of water, chloride content, etc.



DEPT. OF ELECTRICAL ENGINEERING

The Department of Electrical Engineering, established in the year 2010, has grown in consonance with the changing needs of the society and pushed new frontiers of the discipline without shedding its strength in core areas of electrical engineering. The department has integrated modern pedagogical methods incorporating the focus to instill 21st century skills in the students. This department has an intake capacity of 80.

VISION

The vision of Electrical Engineering Department of Government Polytechnic Bhubaneswar is to achieve excellence in nurturing the right technical ability in the future technocrats of the society.

MISSION

- Empower the next generation technocrats with technical and life skill to contribute towards society in better manner.
- Upgrade teaching and learning process as per industry needs.
- Nurture learners with latest trend in field of electrical engineering.

STAFF POSITION:

1. Sandeep Mohapatra, Sr. Lecturer I/C (HOD)
2. Ananya Subhadarsinee, Lecturer
3. Smt. Sunita Oram, Lecturer
4. Biswanita Sahu (Lab Assistant)
5. Amit Kumar Bisoyi, PTGF
6. Rojalin Choudhury, PTGF
7. Sigma Ray, PTGF
8. Luckyrani Behuria, PTGF
9. Amita Basti, PTGLA

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PE01: Technically Skilled

To apply the technical knowledge of Electrical Engineering in developing innovative solutions to work towards sustainable solutions and/or encouraging to pursue higher education.

PE02: Professionally Skilled

To equip students with professional etiquettes, work ethics and leadership qualities, effective communication skills and competence to excel individually and work in teams.

PE03: Project based learning and Team work

To inculcate learning habits in students by involving in project-based learning, student centric activities, seminar and workshop with latest technology.

PE04: Personality Development

To motivate students by involving them in personality development and career guidance programs

PROGRAMME SPECIFIC OUTCOMES (PSOs)

PS01 : Ability to apply the fundamental knowledge of Electrical Instrumentation, Control Engineering, Machineries and Automation in their professional practice in the field of Electrical systems such as Power System, Energy System and Industry.

PS02 : Ability to analyze the engineering problem statements and develop effective solution with economic limits.



ELECTRICAL MACHINE LABORATORY

ELECTRICAL WORK SHOP

Electrical workshop of Government Polytechnic, Bhubaneswar is engaged in the repair and maintenance of machinery, equipment and apparatus used for the measurement, generation, transmission, storage and utilization of electric power.

MAT LABORATORY

MAT laboratory is a programming platform designed specifically for engineers to analyze and design systems and products that transform our world. The heart of MATLAB is the MATLAB language, a matrix-based language allowing the most natural expression of computational mathematics.

DEPT. OF MECHANICAL ENGINEERING

Department of Mechanical Engineering came into existence in the year 2014. Since its inception, the department has constantly focused in developing the academic excellence of the students. The curriculum of this branch is designed in such a manner that it covers the most recent trends in technology to keep pace with the national standards. Mechanical Engineering department has 60 intake capacity.

VISION

Mechanical Engineering department of Government Polytechnic, Bhubaneswar strives to impart good technical education and to produce skilled man power for the betterment of society.

MISSION

- Develop state of art facilities related to Mechanical Engineering
- Cater highly qualified faculties to meet the needs of the department
- Focus on practical experiments for solving industrial and societal problems

STAFF POSITION:

1. Hemanta Kumar Barik, Sr.Lecturer(HOD)
2. Sekhar Suman Pradhan, PTGF
3. Abhaya Mohanta, PTGF
4. Sanjaya Kumar Rout, PTGF
5. Baikuntha Behera, PTGF
6. Rajesh Ojha, PTGI

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO 1: To understand working knowledge (principle) of equipments relate to thermal, production, design and engineering material areas of Mechanical Engineering.

PEO2: To develop innovative ideas to various mechanical engineering problems.

PEO3: To develop professional leadership among the boarding engineers.

PEO4: To nurture academic environment so that graduated are motivated to be an entrepreneur.

PROGRAMME SPECIFIC OUTCOMES (PSOs)

PSO1: To understand the concepts in various areas of Manufacturing, Thermal and Design.

PSO2: To apply the engineering concepts and solve the problems through latest techniques.

PSO3: To provide the solution to the social relevant problems through Mechanical Engineering concepts with moral values.

MECHANICAL ENGINEERING LABORATORY

Mechanical Engineering Laboratory extends opportunity of studying different machines to the students of Mechanical Engineering at par with their syllabus.

HYDRAULICS PNEUMATIC CONTROL LABORATORY

Students perform experiments to study fluid characteristics in this laboratory.

ROBOTICS LABORATORY

Robotics laboratory is a prize possession of Mechanical Engineering department which is engaged in taking the students to a new height of imagination fused with reality.



CAD CAM LABORATORY

Computer-aided design (CAD) involves creating computer models defined by geometrical parameters. Computer-aided manufacturing (CAM) uses geometrical design data to control automated machinery. CAM is used in this laboratory alongside Computer-Aided Design (CAD) to create objects.

DEPT. OF ELECTRONICS AND TELECOMMUNICATION

Electronics and Telecommunication Engineering department was established in the year 1985 at Government Polytechnic, Bhubaneswar which offers three years' diploma course in Electronics and Telecommunication Engineering and is one of the emerging course in the field of Engineering. Focus of this course is on thorough understanding of Electronics Communication, Networking, Electronics circuits, Signal processing, embedded systems and VLSI design. Our department has created 1200 alumni since 1985 out of which many have opted for higher studies; many have joined various reputed organizations in public and private sectors and research areas. The department has 40 intakes.

VISION

The vision of the department is to become a leader in imparting quality education followed by professional competency in the field of Electronics and Telecommunication Engineering and allied areas.

MISSION

- Develop competent Electronics and Telecommunication engineers by imparting technical skills with positive attitude for continuous learning.
- Provide quality education to enable the learners to get better employment
- Strengthen the professional skill of students under the guidance of experts from different fields

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO1: To strengthen the core technical concepts of the learners, which not only will act as a stepping stone at their graduate level but also project them equally skilled with industrial professional of national repute.

PEO2: To train the learners to face professional challenges in life through adequate upliftment of their basic life skills & sense of social responsibilities that will drive them in future to grab the industrial leading opportunities with divergent managerial skills limiting to quality, cost & time factors.

PEO3: To motivate the learners for utilization of modern tools & equipment through programming interface under analysis and synthesis of need based industrial real time problems.

PEO4: To promote the learners for innovative development through self-driven skills and to emerge as role models for others of their domain too.

PROGRAMME SPECIFIC OUTCOMES (PSOs)

PSO1: Acquire adequate knowledge upon analysis of specific engineering problems of communication, networking, electronics circuits, signal processing, embedded systems, VLSI design using application of knowledge on basic sciences, mathematics and engineering fundamentals.

PSO2: Be able to design and implement over the acquired technical knowledge and logical thinking in the field of Electronics & Telecommunication.

STAFF POSITION:

1. Sri Rajeev Ranjan Seth, Sr. Lecturer(HOD)
2. Smt. Soma Dash, Lecturer
3. Miss. P. Bhawani, Lecturer
4. Sri Amit Ku Nayak, PTGF
5. Smt. Smaranika Dalai, Laboratory Instructor



IT LAB WITH HIGH SPEED INTERNET FACILITY

The IT lab of Electronics and Telecommunication Engineering caters to develop competencies regarding Computer Hardware, IT and Networking concepts, simulation using MAT Lab, VLSI and Embedded System Programming and other simulators. The laboratory is equipped with power back up facility, air conditioning, high speed internet connectivity with smart teaching aids.

ANALOG / DIGITAL ELECTRONICS LABORATORY

The Analog/Digital Electronics Laboratory includes multiple digital and analog electronic components and measuring equipment aimed at training students to construct electronic circuits that accomplish certain tasks.

ANALOG / DIGITAL COMMUNICATION LABORATORY

This laboratory provides practical hands-on exposure to communication system building blocks, such as filters, mixers, and amplifiers, and enables students to study the effects of noise on communication systems. Communications is a highly important and growing field and students should have opportunity to gain familiarity with communication test equipment and measurement techniques

VLSI / SIMULATION LAB

VLSI is an assembly of millions of transistors on a single chip that works flawlessly to realize miracles as varied multimedia, mobile communication etc. Tech project works and research facilities in the area of device modeling, simulation and various aspects of advanced VLSI design are practiced in this laboratory.



DEPT. OF INFORMATION TECHNOLOGY

In recent years, the challenges before the educational institutes are manifold. It will have to cope with fast changes in technology simultaneously, training more students with adequate information with less availability of financial support for expansion and excellence.

To meet these challenges the department of Information Technology, established in the year 2001 with an intake capacity of 40, aspires to emerge as a center of scholastic excellence in the field of academic and research so as to meet the global requirements through imparting quality technical education, research expertise and ethical values in a direction that would inspire and encourage students to generate value based output to the society, government, industry and academia in terms of technical and professional expertise, skill sets, creativity with a blend of leadership and entrepreneurial expertise.

VISION

The vision of the Department of Information Technology is to develop knowledge and skill of students by quality education to make responsible and competent technocrats who will work for the needs of industries and betterment of the society.

MISSION

- Provide an excellent learning environment for the students to be technically efficient in solving problems.
- Prepare the students with strong fundamental concepts, analytical capability and programming skills.
- Create a nurturing environment for lifelong learning.
- Generate social awareness and responsibility within the students to serve the mankind and protect the environment.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO1: Strong fundamentals and technically skilled

To equip the students with sound knowledge in mathematics, science and basic engineering fundamentals and develop skill to solve engineering problems.

PEO2: Higher study and professional responsibilities

To enable students to pursue higher studies for professional growth and/or work as an entrepreneur for successful professional career.

PEO3: Teamwork and lifelong learning

To inculcate soft skill, professional and ethical attitude, teamwork, leadership skills and multidisciplinary approach within the students which will enable them to correlate societal issue with engineering solution and pursue lifelong learning.

PROGRAMME SPECIFIC OUTCOMES (PSOs)

PSO1: Ability to design and develop methodologies in computer programming and apply those skills in the field of Information Technology.

PSO2: Develop potentiality to apply the skills learnt for betterment of the society by updating it on the basis of the advanced technological changes and effectively communicate about well-defined engineering activities.

STAFF POSITION:

1. Pranati Pattnaik, Sr. Lecturer I/C(HOD)
2. Manisa Rath, Lecturer
3. Archana Tripathy, Lecturer
4. Swetalina Das, Lecturer
5. Manalisa Giri, PTGF
6. Biswajit Mallik, PTGLA
7. Jyotrimayee Pradhan, PTGLA



INFORMATION TECHNOLOGY LAB

Main objective of this lab is to teach the basic concepts of fundamentals of computer. Students can learn how to work with different applications of MS-Office like MS-Word, MS-Excel, Power-Point. This lab helps to understand the basic terminology used in computer programming by using different data types in a computer program. Students can also design programs involving decision structures, loops and functions.

DEPT. OF ARCHITECTURAL ASSISTANTSHIP

The Department of Architectural Assistantship was established in the year 1979. Presently, the department is offering a three year diploma course with an emphasis on professional training. Its teaching programme covers the broad spectrum of understanding, designing and constructing human habitat and environment. The course opens up opportunities for advanced studies and professional career in designing, planning, constructing and managing of built environment and extends to new frontiers of allied disciplines. The department has an intake of 30 seats.

VISION

To create globally and intellectually competent, professionally skilled, ethically strong, morally upright, socially responsive, culturally tolerant architectural professionals.

MISSION

- Impart knowledge with academic excellence by incorporating competitive curriculum and to make students excellent Designers and Professionals, so that they chart out their own path of success and possess perfection in their endeavors.
- Provide a stimulating learning environment with a technological orientation to maximize individual potential.
- Inspire faculty members to excel and in turn motivate the students to achieve excellence.
- Guide the students to be better technocrats and professionals with the quality to pave the way for creating a better tomorrow for our nation.
- Ensure, students of all ability levels are well equipped to meet the challenges of education, work and life.
- Provide a holistic education in a supportive environment that promotes self-discipline, motivation and ethical values.

STAFF POSITION:

1. Birendra Kumar Munda, Sr. Lecturer (HOD)
2. Nilayajyoti Behera, Lecturer
3. Ipsita Dash, Lecturer



AUTO CAD LABORATORY

CAD means Computer Aided Design or Drafting. Auto cad is a drafting package in almost all engineering branches. There are drafting packages like DIAP, CAMD, and Delights. This laboratory satisfies the creative demands of students of Department of Architectural Assistantship.

STUDIO

Studio of this is department remains fully engaged with activities like drawing, drafting and model making.

SMART CLASSROOM

A smart classroom is a digitally equipped classroom with a huge variety of teaching and learning methods using technology. There are apps that have been designed to assist the teacher in lesson planning or even giving them the ability to save an online taught class for future reference. The Smart Classroom of this department is dedicated to the entire institute to fulfill the need of digital growth towards future of education.

DEPT. OF MODERN OFFICE MANAGEMENT

Government Polytechnic, Bhubaneswar previously known as Women's Polytechnic, Bhubaneswar was established in the year 1978 with only one department called Department of Stenography and Secretarial Practice with a duration of two years. In 1992, it was upgraded into a three years' diploma course in Modern Office Management having +2 in any stream as the entry level. It prepares students to earn expertise in both front and back office management.

Modern Office Management refers to those jobs which are necessary to keep the office running smoothly and deliver services in time. Besides various key activities taken by a modern office management professional the use of latest technology stands inseparable for better functioning of the office.

Department of Modern Office Management has been imparting education to students in this regard. Moreover it is the only diploma course which is equivalent to B.Com with Hons. and BBA in the state. Intake of this department is 20.

VISION

The mission of Modern Office Management department is to create able office managers self sufficient in all activities of an office whether government or private or corporate.

MISSION

- Develop managerial skills in young students.
- Create entrepreneurs catering to the needs of a changing socio-economic scenario.

STAFF POSITION:

1. Dr. Mukunda Sahoo, Sr. Lecturer I/C(HOD)
2. Dr. Bandita Satpathy, Lecturer English
3. Smt. Smita Subhadarshini Sahoo, Lecturer Humanities
4. Swarnaprava Sahoo, PTGF English
5. Samikshya Swain, PTGF English
6. Khirabdhi Tanaya Mohapatra, PTGF Commerce
7. Leeza Martha, PTGF Commerce

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO1 : To train the students with sound knowledge in computer fundamentals and develop skill to manage front and back office demands effectively

PEO2 : To enable students to pursue higher studies for professional growth and/or work as an entrepreneur for successful professional career.

PEO3 : To inculcate soft skill, professional and ethical attitude, teamwork, leadership and multidisciplinary approach within the students which will enable them to correlate socio-economic issues and pursue lifelong learning.

PROGRAMME SPECIFIC OUTCOMES (PSOs)

PSO1 : Ability to design and develop methodologies for running a dynamic office at par with changing scenario.

PSO2 : Develop potentiality to apply the skills learnt for betterment of the society by updating it on the basis of the advanced technological changes.

LANGUAGE AND COMMUNICATION LABORATORY

Language and Communication Laboratory of MOM department plays a unique role in shaping up the students' communication skill, personality traits and corporate behaviour. It is a fully developed and self sufficient unit to serve the purpose.



OFFICE EQUIPMENT AND DOCUMENT LABORATORY

Office Equipment and Document Laboratory is designed to make the students well versed with the machines and accessories of a modern office.

DEPT. OF BEAUTY CULTURE

The Beauty Culture department was Established in the year 1996 here at Government Polytechnic, Bhubaneswar as the only institution in the state of Odisha and in Eastern India with three year diploma course in Beauty culture along with various Central and State Government Employment programmes. It has 20 intakes.

VISION

In India, the emphasis has been on general education with vocational education at the receiving end. This has resulted in large number of educated people remaining unemployed. This phenomenon has now been recognized by the planners and hence there is a greater thrust on vocationalization of education.

The Vision to have beauty culture and cosmetology course as an integral part of education is to make young people skilled and self-dependent. Also as the Wellness and Beauty becoming the thrust for the masses and the beauty business is growing in volume and many MNCs are coming up with well and fully equipped Wellness centre and Beauty clinic across the state and the region so there is an enormous demand of well trained beauticians and cosmetologists. Seeing the growing demand the major focus is to impart proper education and to create employment for the student who wants to pursue the course and make them trained and self sufficient.

MISSION

- Impart quality education through research and development in various sector of beauty , health and cosmetics.
- Create revenue (I.R.G) through running full standardized wellness centre (skin, hair , yoga, aerobic and gymnasium)
- Provide self-employment to BPL (below poverty line) youth to lead a peaceful, healthy and secured life.



STAFF POSITION:

1. Saritanjali Nayak, Lecturer
2. Sunidhi Satrusalya, PTGF
3. Srutirekha Mohapatra, PTGI
4. Reezarani Behera, PTGI



HAIR DRESSING LABORATORY

In this lab students perform hair treatments, advanced hair cutting and hair styling. Also we cure hair related problem. Advanced hair therapy, hair spa, hair straightening and perming done here.

BEAUTY CULTURE LABRATORY

In this lab we perform Facial, Makeup, and many more advanced skin treatments like Galvanic. Also we learn advance makeup, cure skin related problem.

YOGA LABORATORY

In this lab students perform different yoga asanas and also work with different body perfecting equipments.

DEPARTMENT OF PHARMACY

The Department of Pharmacy started in the year 1994 with intake capacity of 30 nos. of students. The duration of the course is 02 years followed by 03 months compulsory internship in Government hospitals. In the year 2006, Pharmacy Council of India enhanced the students' intake capacity to 40 nos. and further in the year 2009 it was enhanced to 60 nos. The number of staff, laboratories and other facilities are provided as per PCI norms. After completion of Diploma in Pharmacy (D.Pharm) the candidates have wide scope as pharmacist which will positively impact health care of the society. All pass out students are engaged in various private and government organizations. PCI has enforced the new Education regulation i.e, Education Regulation 2020 with some modification to satisfy the today's need of the profession in the 2021-22 academic session.

MISSION

The Vision of Department of Pharmacy, Government Polytechnic, Bhubaneswar is to create competent pharmacy professionals who will positively impact healthcare of the society.

VISION

- Become a center of excellence in Pharmacy education.
- Develop students to meet the global challenges of Pharmacy profession.
- Promote service to humanity.

STAFF POSITION:

1. SK. M. Hussain, Sr. Lecturer(HOD)
2. Dr. Gitanjali Tripathy, Lecturer
3. Mr. Jatin Mohanty, Lecturer
4. Mrs. Madhusmita Swain, Lecturer
5. Mrs. Gayatree Nanda, Lecturer
6. Mrs. Rashmita Biswal, Lecturer
7. Mrs. Gayatri Mishra, Tecnician
8. Mrs. Sanjibani Samantaray, Laboratory Technician

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO 1: Based on Knowledge:

The Pharmacy students will be able to possess knowledge on pharmaceuticals, medication use, their safety and effectiveness.

PEO 2: Based on Skill:

The Pharmacy students will be able to use equipments in hospitals, interpret prescriptions, compound and dispense medications concerning legal and ethical aspects.

PEO 3: Based on Attitude:

The Pharmacy students will be able to inculcate current knowledge, changes in technology, professional information and participation in various health programmes and professional activities.

PEO 3: Based on Competence:

To provide Pharmacy students with a solid foundation in Human anatomy and Physiology, Pharmaceutics, Pharmaceutical chemistry, Pharmacognosy, Biochemistry and Clinical Pathology, Health Education and Community Pharmacy, Pharmacology, Pharmaceutical Jurisprudence, Drugs Store & Business Management, Hospital, Clinical Pharmacy. The program aims to make the students competent for future.



HUMAN ANATOMY AND PHYSIOLOGY LABORATORY

In Human Anatomy and Physiology laboratory, the students are trained and instilled the skills for carrying out basic physiological monitoring of various systems and functions. In Social Pharmacy laboratory, the students are provided with simulated experience in various public health and social pharmacy activities.

PHARMACOLOGY LABORATORY

In Pharmacology laboratory, the students are imparted with the basic understanding about the uses, mechanisms of actions, dose dependent responses of drugs in simulated virtual animal models and experimental conditions.

BIOCHEMISTRY AND CLINICAL PATHOLOGY LABORATORY

In Biochemistry and Clinical Pathology laboratory, the students are trained in the qualitative testing of various biomolecules and testing of biological samples for determination of normal and abnormal constituents.

PHARMACOTHERAPEUTICS LABORATORY

In Pharmacotherapeutics laboratory, the students are trained in the basic skills required to support the pharmaceutical care services for selected common disease conditions. In Hospital and Clinical Pharmacy laboratory, the students are trained to assist other healthcare providers in the basic services of hospital and clinical pharmacy.

PHARMACHEMISTRY LABORATORY

In Pharmachemistry laboratory, the students are imparted basic training and hands-on experiences to synthesize chemical substances used as drugs and pharmaceuticals. Along with this the students also perform the quality control tests, impurity testing, test for purity and systematic qualitative analysis of chemical substances used as drugs and pharmaceuticals.

PHARMACOGNOSY LABORATORY

In Pharmacognosy laboratory, the students are trained in physical identification, morphological characterization, physical and chemical characterization, and evaluation of commonly used herbal drugs.



TRAINING AND PLACEMENT CELL

Proper planning of the Technical man power is considered to be very important for the growth of the country. Government of India has given utmost importance to the engagement of the Engineering diploma holders in Technical establishments soon after completion of their course. In all technical institutions in the country, there are separate department of training and placement to impart meaningful training to the students and to guide them to choose right career. The following are the various activities of the Training and Placement Cell of the Institute.

STUDY TOUR

Study tours provide firsthand knowledge about field application of technical knowledge and help widen the overall concept. The training and placement department arranges such tours for the students. Local tours of duration 1 to 3 days are conducted to different industries.

CAREER GUIDANCE

Career guidance programmes are being conducted by this department to help students choose the career they wish to take up and succeed in recruitment tests. Career counseling helps the students in choosing a right career and accordingly they prepare themselves well in advance. Special care is taken to expose the students to various career alternatives such as entrepreneurship. Personality Development and Subjective coaching Programmes are also conducted for the students to prepare them for various competitive examinations, group discussions and interviews.

CAMPUS INTERVIEW

Many industries of repute, engineering organization and consultancy services such as **TATA HITACHI, JINDAL, ROYAL ENFIELD, SUBROS, HITACHI, TATA, CEAT, ALLIANCE, TATA STEEL, TAKATA, SUZUKI, TATA POWER, CENTUM, JINDAL POLY FILMS LTD, BREAKS INDIA PVT. LTD., CUMMINS** are invited to participate in the campus selection procedure.

Necessary information on the above job opportunities and higher study are made available to the students in Training and Placement Cell. Our diploma holders are highly rated and respected in both core and software industries.



CENTRAL LIBRARY

Central Library of the institute, established in the year 1979, is situated at the main building. This growing organism has five sections:

- Issue Section
- Stock Room i.e. Close Access
- Reference Section
- E-Reading Room
- Reading Room

ISSUE SECTION

Central Library is enriched with a collection of near about 18,000 books inclusive of referral books. Five nos. of daily news papers and thirteen nos. of magazines add to the pride collection. The issue section is responsible for issuing books to students and staff through library software.

STOCK ROOM

Stock room is a close access where books are arranged subject-wise in closed almirahs. The borrowers can access the stock either through the system or directly by subject almirah.

REFERENCE SECTION

It is open from 10am 5pm offering desk facility to students and staff with a collection of 3000 books, 5 news papers and 13 magazines.

E-READING ROOM

20 nos computers are installed in e-reading room facilitating students and staff to avail the benefit of digital learning and National Digital Library of India.



READING ROOM

40-seating capacity reading room serves the purpose of reading books, news papers and journals between 10am and 5pm.

WORKSHOP

Workshop practice is the backbone of the real industrial environment which helps to develop and enhance relevant technical hand skills required by the technician working in the various engineering industries and workshops. Our workshop intends to impart basic know-how of various hand tools, power tools, machine tools and their use in different sections of manufacturing. Irrespective of branch, the use of workshop practices in day to day industrial as well domestic life helps to dissolve the real life problems. The workshop experiences would help to build the understanding of the complexity of the industrial job, along with time and skills requirements of the job. Workshop curriculum builds the hands on experiences which would help to learn manufacturing processes and production technology courses in successive semesters.



Boys' Hostel



Girls' Hostel

HOSTEL

The institute has separate hostels for boys and girls inside the campus. Best efforts are provided to make the boarders feel at home . Our priority is on sanitation, discipline, quality food, evening prayer, study hour and a ragging free atmosphere.



CANTEEN

The objective of the Canteen and meal service is to protect by reducing the risk of food borne illness, with proper sanitary conditions, and preventing adulterated food. Since three years the institute canteen has been functioning efficiently fulfilling students' and staffs' satisfaction.



ALUMNI

Alumni are brand-ambassadors of the institution they graduated from. Our institution has developed a positive relationship with the alumni who can benefit us socially, academically and professionally. Likewise even the alumni community has realized that it's not just a mere nostalgia that they associate their almatmater with, but its much beyond that.



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