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Centurion
UNIVERSITY

Shaping Lives...
Empowering Communities...

Information Brochure
2021-22

CHAMPIONS OF CHANGE

EXPLORE NEW POSSIBILITIES

Centurion University of Technology and Management

**THE WORLD OF EDUCATION IS CHANGING.
THE METHODS OF LEARNING ARE CHANGING.
AND SO ARE THE POSSIBILITIES.
NOW , WHEN THE OFFBEAT AND UNEXPLORED
ARE THE MAINSTREAM , ISN'T IT ABOUT TIME
YOU EMBRACED THE CHANGE?**

**AT CENTURION UNIVERSITY , CHANGE WAS OUR
ONLY CONSTANT. IT WAS OUR VISION FROM DAY
ONE. WITH OUR EXPERIENTIAL LEARNING
METHODS , FACILITIES AND FRESS APPROACH
AT EDUCATION , WE BACK CHANGE. ADVOCATE IT.
AND MORE THEN ANYTHING ELSE , WE CHAMPION IT.**

**AND TODAY,
WE ARE SURGING
AHEAD AND RIDING
THIS WAVE OF CHANGE.
RIGHT AT THE
FOREFRONT.**

CENTURION AT A GLANCE

Since its inception in 2005 by a group of ambitious academics with aspirations to provide high quality education, both nationally and internationally, Centurion University of Technology and Management (CUTM) has been a front-runner in the world of education and has numerous academic achievements to its name. The University has focused on 'hands-on', 'experience-based', 'practice-oriented' learning that makes a difference through appropriate and relevant innovation action research and disruptive technologies.

Centurion University is redefining the learning platform through

- | Skill integrated, domain linked, teaching and learning
- | Industry and community partnerships
- | Creation and co-creation of enterprises
- | An eco-system approach which includes community, enterprise, industry and educational institutes.

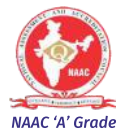
The University has four campuses and a number of social entrepreneurial outreach wings that, along with collaborating institutions and networks, form its ecosystem.

The campuses are located at Paralakhemundi, Bhubaneswar, Rayagada, Balangir and they house a number of Schools.

They are:

- | M. S. Swaminathan School of Agriculture
- | School of Engineering and Technology
- | School of Paramedics and Allied Health Sciences
- | School of Forensic Sciences
- | School of Pharmacy
- | School of Applied Sciences
- | School of Management
- | School of Media and Communication
- | School of Agriculture & Bio-Engineering
- | School of Fishery Sciences
- | School of Vocational Education and Training

APPROVALS & ACCREDITATIONS





School of Engineering and Technology

Engineering has for a long time been a highly sought after field of education, propelled also by the array of lucrative careers that were on offer. But that same demand has caused a downfall in recent times because of the surplus number of engineers that almost saturated the job opportunities.

Centurion, however, is still committed to being a platform for quality engineers with a wide variety of engineering disciplines on offer. Thus creating opportunities which were previously not thoroughly explored.



UG PROGRAMS OFFERED

Diploma - **Mechanical Engineering**

Diploma - **Civil Engineering**

Diploma - **Computer Science**

Diploma - **Electrical Engineering**

Diploma - **Automobile Engineering**

Diploma - **Mining Engineering**

Campus - **Paralakhemundi / Bhubaneswar**

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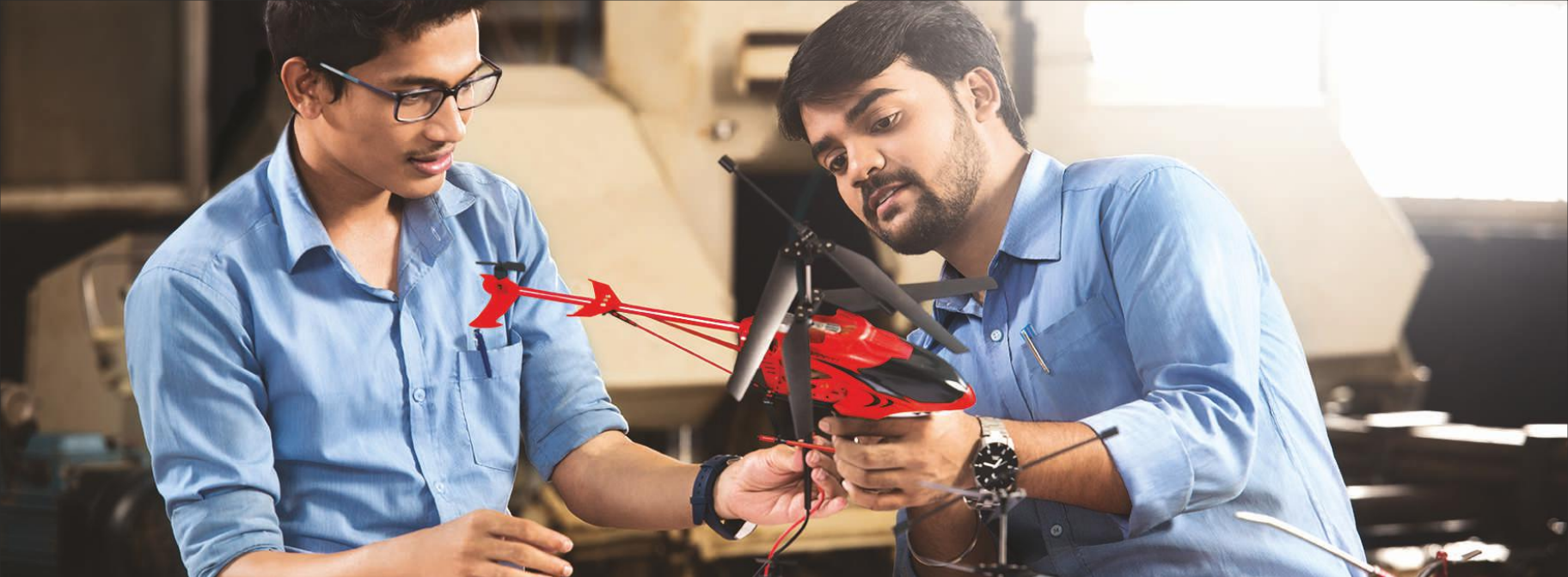
Campus - **Paralakhemundi / Bhubaneswar**

Campus - **Bhubaneswar**

| Eligibility Criteria

Candidates must have passed 10th / 10+2 (Science with Mathematics) examination with minimum 50% aggregate. Admission based on CUEE/JEE Main/EAMCET/WBJEE/ other equivalent entrance tests. Lateral Entry (LE) also available.

Duration of Course - Three years



UG PROGRAMS OFFERED

Bachelor of Technology - Computer Science and Engineering

Bachelor of Technology - Electronics and Communication Engineering

Bachelor of Technology - Mechanical Engineering

Bachelor of Technology - Electrical and Electronics Engineering

Bachelor of Technology - Civil Engineering

Bachelor of Technology - Agricultural Engineering

Bachelor of Technology - Dairy Technology

Bachelor of Technology - Phytopharmaceuticals

Campus - Paralakhemundi / Bhubaneswar

Campus - Paralakhemundi / Bhubaneswar

Campus - Paralakhemundi / Bhubaneswar

Campus - Paralakhemundi / Bhubaneswar

Campus - Paralakhemundi / Bhubaneswar

Campus - Paralakhemundi

Campus - Paralakhemundi

Campus - Paralakhemundi

| Eligibility Criteria

Candidates must have passed 10th / 10+2 (Science with Mathematics/Biology) examination with minimum 50% aggregate. Admission based on CUEE/JEE Main/EAMCET/WBJEE/ other equivalent entrance tests. Lateral Entry (LE) also available.

Duration of Course - Four years



PG PROGRAMS OFFERED

Master of Technology - Power System

Master of Technology - Transportation Engineering

Master of Technology - Structural Engineering

Master of Technology - Master in Computer Application (MCA)

Campus - Bhubaneswar

Campus - Bhubaneswar

Campus - Bhubaneswar

Campus - Bhubaneswar

| Eligibility Criteria

Candidates must be a B.E./ B. Tech in relevant subject with 70% or equivalent CGPA. Plus Admission through GATE or any other equivalent exam or through appropriate experience/merit.

Duration of Course - Two years

Ph.D OFFERED



M S Swaminathan School of Agriculture

Agri Sciences is the branch of Science that provides the research, technology and information needed for the sustainable, profitable and ethical development of the agricultural industry. Studies in agriculture include soil science, genetics, cropping and pasture systems, soil-plant interaction, livestock production, agricultural economics and agribusiness

At Centurion University, with our experiential learning approach, we will make sure that you are equipped with the required skills to succeed in this new environment where initiative, innovation and risk-taking are valued. And along the way, champion this change.

Accredited by Indian Council of Agricultural Research (ICAR)



UG PROGRAMS OFFERED

Bachelor of Science - Agriculture

Bachelor of Science - Fishery Science

Bachelor of Technology - Agriculture

Bachelor of Technology - Dairy Technology

Bachelor of Technology - Phytopharmaceuticals

Campus - Paralakhemundi

Campus - Paralakhemundi

Campus - Paralakhemundi

Campus - Paralakhemundi

Campus - Paralakhemundi

| Eligibility Criteria

Candidates must have passed 10th / 10+2 (Science with Mathematics/Biology) examination with minimum 50% aggregate. Admission based on CUET/JEE Main/EAMCET/WBJEE/ other equivalent entrance tests.

Duration of Course - Four years



PG PROGRAMS OFFERED

Master of Science - Agronomy

Master of Science - Genetics & Plant Breeding

Master of Science - Vegetable Science

Master of Science - Agriculture Extension and Communication

Campus - Paralakhemundi

Campus - Paralakhemundi

Campus - Paralakhemundi

Campus - Paralakhemundi

| Eligibility Criteria

Candidates must have completed their 4 year Bachelor's degree in Agriculture or any equivalent examination with minimum aggregate marks of 50% and above from a recognized university listed under UGC/AIU.

Duration of Course - Two years

Ph.D OFFERED



School of Paramedics & Allied Health Sciences

Health Sciences is the discipline of applied science that deals with living organisms and life processes, provides important insights into disease processes and allows the development of innovative medical devices and therapeutics, thereby directly improving human health. This also enables an understanding of the environment and other living species that we share our planet with.

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CERTIFICATE PROGRAMS OFFERED

Certified - ECG Technician

Certified - EEG Technician

Certified - EMG Technician

Certified - Blood Collection Technician

Certified - Ward Technician

Certified - OT Technician

Certified - Dialysis Technician

Certified - Ophthalmic Assistant

Certified - Ophthalmic Surgical Assistant

Campus - Bhubaneswar

Campus - Bhubaneswar

Campus - Bhubaneswar

Campus - Bhubaneswar

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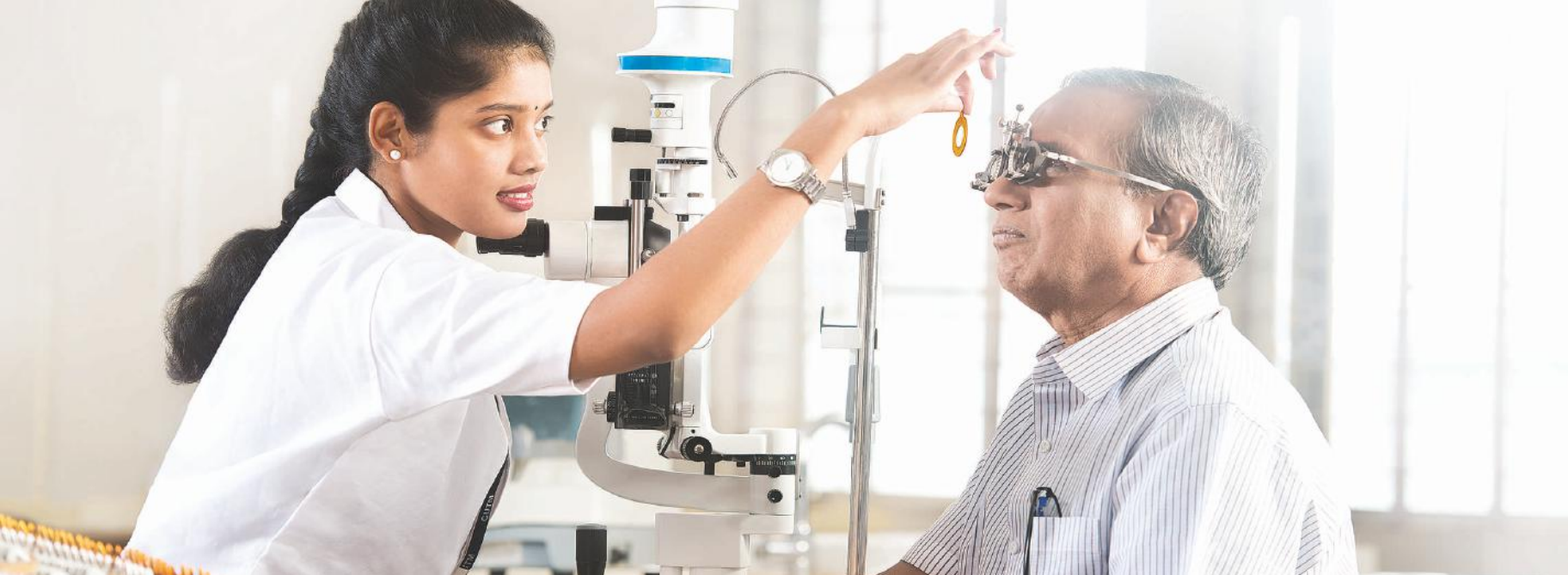
Campus - Bhubaneswar

Campus - Bhubaneswar

| Eligibility Criteria

Candidates must have passed 10th / 10+2 Science with 50% marks in aggregate is the minimum criterion of eligibility required to be fulfilled for an aspiring candidate to pursue the courses.

Duration of Course - Six months for ECG, EEG, EMG, BCT and WT /one year for OTT and DTT /two years for OA and OSA



UG PROGRAMS OFFERED

Diploma - [Medical Laboratory Technician](#)

Diploma - [Medical Radiation Technology](#)

Bachelor of Science - [Medical Laboratory Technology](#)

Bachelor of Science - [Medical Radiation Technology](#)

Bachelor of Science - [Clinical Microbiology](#)

Bachelor of Science - [Emergency Medicine Technology](#)

Bachelor of Science - [Operation Theatre Technology](#)

Bachelor of Science - [Anesthesia Technology](#)

Bachelor of Science - [Physiotherapy](#)

Bachelor of Science - [Optometry](#)

Campus - [Bhubaneswar / Rayagada](#)

Campus - [Bhubaneswar](#)

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Campus - [Bhubaneswar](#)

Campus - [Bhubaneswar](#)

Campus - [Bhubaneswar](#)

Campus - [Bhubaneswar](#)

Campus - [Bhubaneswar](#)

| Eligibility Criteria

Candidates must have passed 10+2 in Science with Biology, Physics & Chemistry or Biology, Chemistry & Mathematics or Computers with a minimum aggregate of 50%. Admission based on the entrance test of CUTM. Lateral Entry (LE) also available.

Duration of Course - Three years / four years for Physiotherapy and Optometry / two years for LE in MLT or MRT



PG PROGRAMS OFFERED

*Master of Science - [Medical Laboratory Technology](#)
Master of Science - [Applied and Clinical Microbiology](#)
Master of Science - [Optometry](#)*

*Campus - [Bhubaneswar](#)
Campus - [Bhubaneswar](#)
Campus - [Bhubaneswar](#)*

| Eligibility Criteria

Candidates must have completed B.Sc in Life Science/Biology/BAMS/BHMS/Biotechnology/B.Pharma

Duration of Course - Two years

Ph.D OFFERED

Ph.D - [Clinical and Applied Microbiology](#)

Campus - [Bhubaneswar](#)



School of Pharmacy & Life Sciences School of Forensic Sciences

This interdisciplinary program progresses to advanced course work in pharmaceutical sciences, including aspects of drug design and synthesis, mechanisms of drug action, pharmacology and toxicology dosage formulation, manufacturing, quality assurance and regulatory compliance. It also prepares students for professional or graduate studies in graduate education in pharmaceutical, medical and basic sciences and post baccalaureate professional education in medicine, law and business.

Forensic Sciences involves the application of scientific knowledge to the investigation of crimes. Professionals in this discipline apply their knowledge of science to analyse the evidence found at a crime scene.



UG PROGRAMS OFFERED

Diploma - [Pharmacy](#)

Bachelor of Science - [Pharmacy](#)

Bachelor of Science - [Forensic Science](#)

Campus - [Bhubaneswar](#) / [Balangir](#) / [Rayagada](#)

Campus - [Bhubaneswar](#) / [Balangir](#) / [Rayagada](#)

Campus - [Bhubaneswar](#)

| Eligibility Criteria

Diploma - 10+2 (Physics, Chemistry, Maths/Biology/BioScience) B.Sc - Candidates must have passed Science with 10+2 (Physics, Chemistry, Maths/ Biology) with a minimum aggregate of 45%. Admission based on the entrance test of CUTM.

Duration of Course - Two years for D,Pharm, Tree years for B.Sc FS and Fours years for B.Pharm

PG PROGRAMS OFFERED

Master of Science - [Forensic Science](#)

Master of Science - [Cyber Security & Digital Forensic](#)

Master of Science - [Pharmacy](#)

Campus - [Bhubaneswar](#)

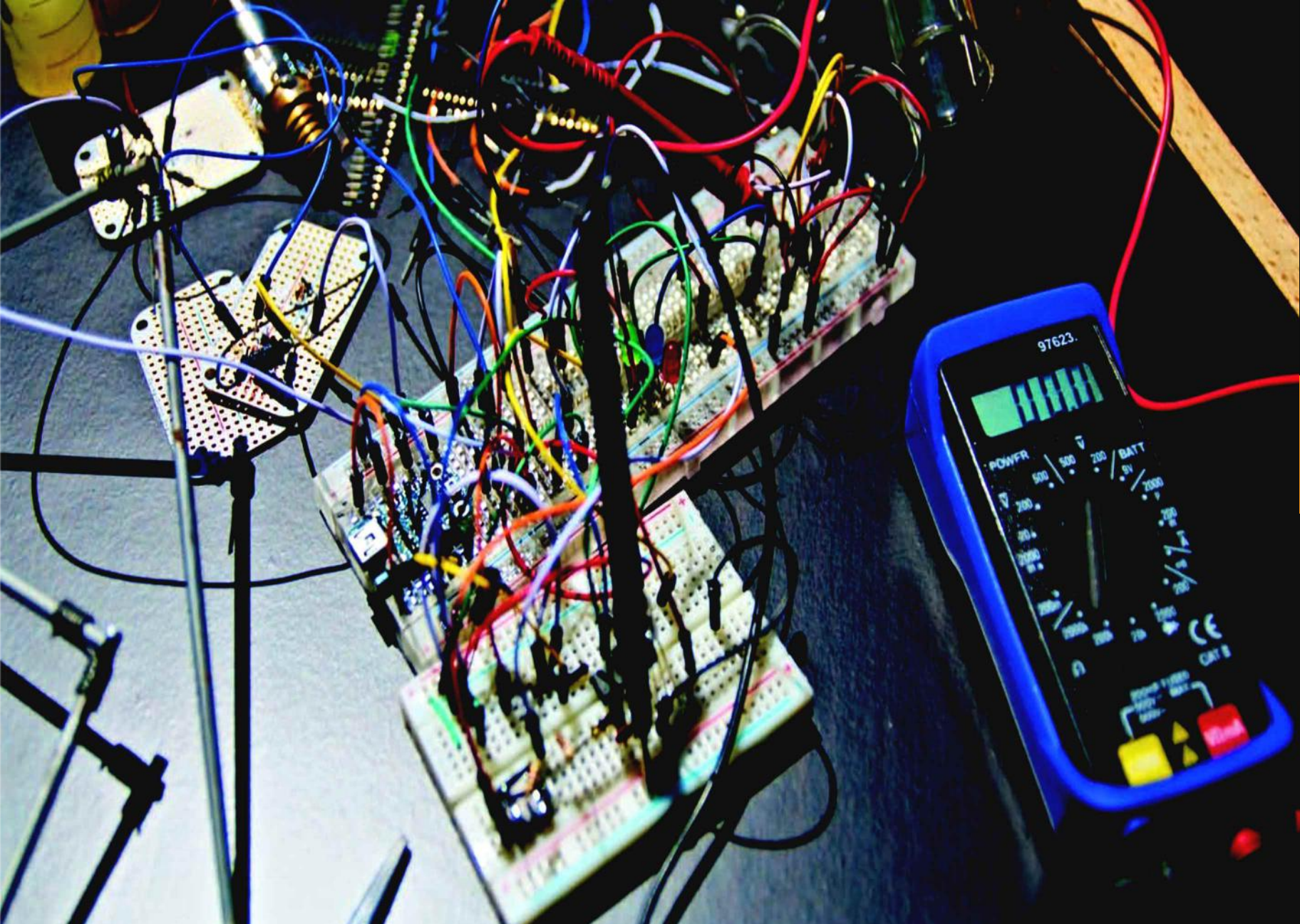
Campus - [Bhubaneswar](#)

Campus - [Bhubaneswar](#)

| Eligibility Criteria

Candidates must have passed Bachelor's degree in science/engineering/pharmacy/medicine, obtained from a recognized university. A minimum aggregate score of 60% at the level of graduation.

Duration of Course - Two years



School of Applied Sciences

The world of science is transforming at a rapid pace. Countless businesses that cater to the changing times are booming and new innovations are cropping up at every corner. While to some it may seem to be a highly competitive environment, to others with fresh ideas and the right skills to manifest those ideas into the real world this prove to be the perfect situation to make it big.

At Centurion University, with our experiential learning approach, we will make sure that you are equipped with the required skills to succeed in this new environment where initiative, innovation and risk-taking are valued. And along the way, champion this change.



UG PROGRAMS OFFERED

Bachelor of Science - Physics

Bachelor of Science - Chemistry

Bachelor of Science - Mathematics

Bachelor of Science - Botany

Bachelor of Science - Zoology

Bachelor of Science - Computer Application

Campus - Bhubaneswar / Paralakhemundi / Balangir / Rayagada

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Campus - Bhubaneswar / Balangir / Rayagada

| Eligibility Criteria

Candidates must have passed 10+2 in Science with Physics, Chemistry, Mathematics/Biology and English as compulsory subjects with a minimum aggregate of 50% score. Admission based on the entrance test of CUTM.

Duration of Course - Three years



PG PROGRAMS OFFERED

Master of Science - Applied Physics

Master of Science - Applied Chemistry

Master of Science - Applied Mathematics

Master of Science - Botany

Master of Science - Zoology

Master of Science - Geo-informatics

Campus - Bhubaneswar / Paralakhemundi / Balangir

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Campus - Bhubaneswar

Campus - Bhubaneswar / Balangir

Campus - Bhubaneswar / Balangir

Campus - Bhubaneswar / Balangir

| Eligibility Criteria

Candidates must have passed B.Sc with Physics/Chemistry/Mathematics/Biology/Zoology as a major subject. with a minimum aggregate of 50% score.

Duration of Course - Two years

Ph.D OFFERED



School of Management School of Media and Communication

The field of Management Studies has witnessed a wide range of changes in recent decades. Centurion University's School of Management differentiates itself from others by offering industry oriented meaningful education with a human face.

The opportunities for a top-notch career is amplified even more with Centurion University's School of Media and Communications, launched as a complete media school which will have an integrated Bachelors and Masters degree program, Short term skill programs in partnership with the Government of India and industry partnerships with both national and regional media.



UG PROGRAMS OFFERED

Bachelor of Business Administration - BBA

Bachelor of Commerce - B.Com (Hons)

Bachelor of Arts - Digital Media

Campus - Bhubaneswar / Paralakhemundi

Campus - Bhubaneswar

Campus - Bhubaneswar

| Eligibility Criteria

Candidates must have passed 10+2 in Arts/Science/Commerce with a minimum aggregate of 50% score or its equivalent examination conducted by any recognised Board of Education.

Duration of Course - Three years



PG PROGRAMS OFFERED

*Master of Business Administration - HR | Finance | Marketing |
Business Analytics |
Pharmaceutical Management |*

*Campus - Bhubaneswar
Campus - Bhubaneswar
Campus - Bhubaneswar*

*Master of Business Administration - Rural & Urban Development Management |
Agribusiness Management*

Campus - Paralakhemundi

Master of Arts - Digital Media

Campus - Bhubaneswar

| Eligibility Criteria

Candidates must have graduate in any stream or have an equivalent qualification from a recognised university/institution. Admission is based on CUEE or any other national level entrance test and GD and PI performance.

Duration of Course - Two years

Ph.D OFFERED

Ph.D - Management

Campus - Bhubaneswar

Ph.D - Media and Communication

Campus - Bhubaneswar

TOP NOTCH RECRUITMENTS ON CAMPUS...



...With over 300 leading companies recruiting our students this year

OUR INDUSTRY PARTNERS



Scan to Apply

CAMPUSES: PARALAKHEMUNDI | BHUBANESWAR | RAYAGADA | BALANGIR
FOR ADMISSIONS, CALL: 82600 77222 | www.cutm.ac.in

If you want to explore the word of possibilities out there, Centurion University is where you should be.

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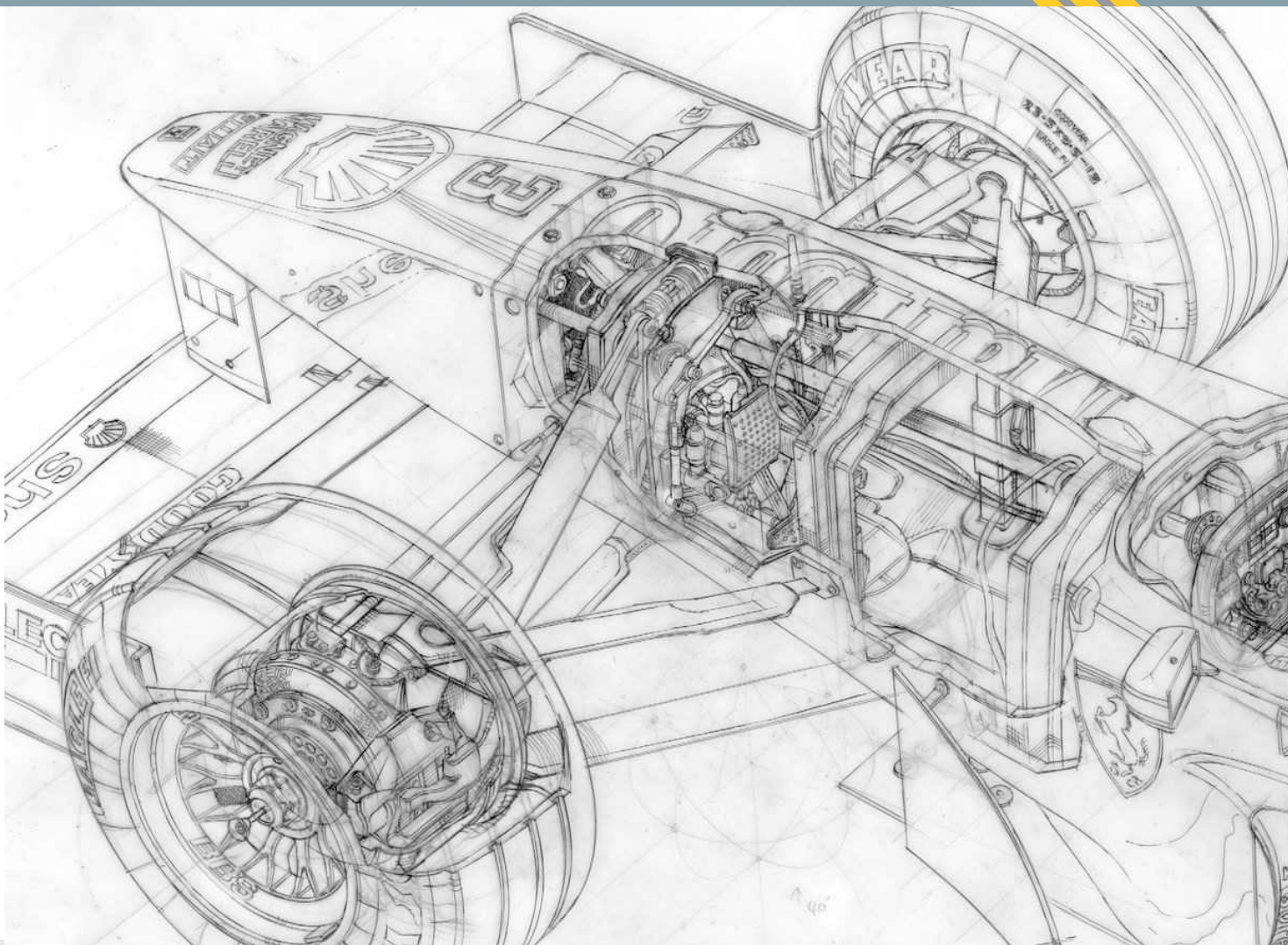
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About School of Engineering and Technology

The School of Engineering and Technology is the largest school in the Centurion University of Technology and Management (CUTM). The school offers Choice Based Credit System (CBCS) that allows students to study courses from multiple disciplines. The school strives to nurture students to become industry ready. School's programmes are skill integrated and geared towards industrial application domains. It encourages students to pursue higher studies or entrepreneurship. The curriculum is delivered in practice mode through more than twenty industry sponsored laboratories. The school has earned national and international laurels for its skill integration and practice orientation.

Programmes Offered

Sl. No.	Programmes Offered	Eligibility Criteria	Admission Process	Programme Structure
1.	Bachelor of Technology (B.Tech)	Must have passed 10 + 2 (Science with Mathematics) examination or appearing 10 + 2 examination (Science with Mathematics) with 45% aggregate.	Based on the ranks in any nationalized entrance tests CUET / JEEMAIN / EAMCET / WBJEE / Other equivalent Entrance Test.	4 Years (8 Semesters) with 180 credits. CBCS Structure
2.	Bachelor of Technology (B.Tech) Lateral Entry	Passed or appearing in three years full time diploma course in Engineering with at least 50% marks in aggregate from State Council of Technical Education and Training of any state / Universities.	Based on the ranks in any nationalized entrance tests CUET / JEEMAIN / EAMCET / WBJEE / Other equivalent Entrance Test.	3 Years (6 Semesters) with 145 credits. CBCS Structure
3.	Master of Technology (M.Tech)	Must be an Engineering Graduate, MCA/M.Sc (IT/CSE) for CSE Branch.	Through GATE or any other equivalent entrance test or through appropriate experience/merit.	2 Years (4 semesters) Industry Integrated Programme
4.	Ph.D in Engineering		Details are available on the website	

ENGINEERING AND TECHNOLOGY

- B.Tech - Civil Engineering
- B.Tech - Mechanical Engineering
- B.Tech - Computer Science Engineering
- B.Tech - Electronics & Communication Engineering
- B.Tech - Electrical & Electronics Engineering
- M.Tech - Structural Engineering
- M.Tech - Transportation Engineering
- M.Tech - Power System & Control
- Ph.D in Engineering





Choice Based Credit System

Under this system a student has choice of selecting different papers belonging to different baskets

Basket I: Basic Science (Minimum 18 credits)

Basket II: Basic Humanities and Management (Minimum 18 credits)

Basket III: Basic Engineering (Minimum 27 credits)

Basket IV: Core Engineering (Minimum 45 credits)

Basket V: Electives belonging to different domain tracks. Each domain track signifies some industry application area. (Maximum 72 credits)

Students can select their branch of Engineering even in 2nd or 3rd year. Students can also change their branch midway. 45 Credit of course in a particular branch will make the student eligible to claim a specialization in any branch of Engineering. Thus, a student will have the option to claim specialization in more than one branch of Engineering.

CBCS system emphasizes learning on practice and project mode (learning by seeing, learning by doing and learning by discovery) rather than the traditional lecture mode (learning by listening).



Domain Based Curriculum

The school offers domain based courses within the curriculum in association with industry partners. It enables the students to become industry ready by the end of their respective programmes. Domains offered in different branches include:

Mechanical Engineering: Automotive Design, Manufacturing and Welding

Electrical and Electronics Engineering: VLSI and Embedded systems

Electronics and Communication Engineering: Industrial Automation and Control, Data analytics and Internet Security

Civil Engineering: Construction Planning and Project Management, Advanced Surveying using GIS, Computer Aided Design and Drawing

The faculty has both academicians and industry practitioners. Many industry professionals visit Centurion University as visiting faculty. In addition, the school has partnerships with many companies for imparting domain training. The University website has a full listing of all faculty members.



Curriculum and Pedagogical Tools

Industry Integrated Skill Based Courses

Focuses on skill/practice based education and offers courses with industry partnerships keeping in view the latest developments in technology.

Integration of Information and Communications Technology (ICT)

Use of ICT in teaching, learning and assessment has improved learning outcomes and enhanced classroom engagement. E-content is available on tablets. Internships and scholarships are available for higher studies after the completion of degree at the University.



Profile Projector PJ-A3000 Series



Volatile Matter Furnace

Industry Sponsored Laboratories

Eicher Motors, Ashok Leyland, Hyundai Motors and Yamaha sponsored Automotive laboratories

Godrej laboratories in interiors, Refrigeration and Air Conditioning and forklift maintenance

Bharat Earth Movers Limited (BEML) laboratories

Dassault Systems laboratory for Catia, Delmia and Simulia

Skill laboratories in CNC manufacturing, surveying, material testing and Engineering software like Staad Pro, Ansys Pro E supported by **National Skill Development Corporation**

Schneider Electric Electrical Engineering laboratories

Centers of Excellences in **Cisco** Certified Network Associate (CCNA), **(IBM)** Technologies and Oracle Academy

Felder Wood Engineering laboratory

Health Care Engineering laboratory

Small Industries Development Bank Of India (SIDBI) sponsored Industrial Automation Laboratory

Odisha Mining Corporation's laboratories for material quality testing in mining

The school has professional software such as High Frequency Structural Simulator (HFSS), Cadence etc.



Parr Isoperibol Bomb Calorimeter



Bharat Earth Movers Limited (BEML)
Ashok Leyland



Felder
Wood Engineering laboratory



Hydraulic Excavator



Racing Cars

Some of the Student Projects and Entrepreneurship

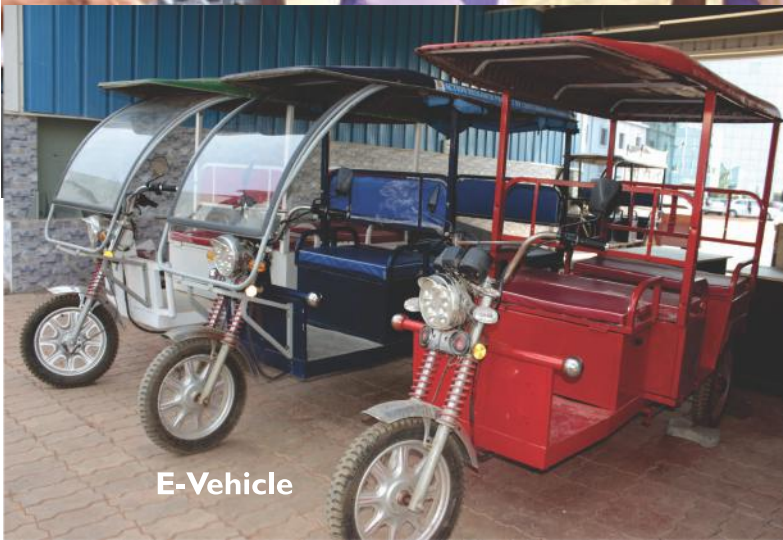
Students participate in high quality live projects. The projects have garnered widespread attention and accolades. Some of these projects have been taken up as entrepreneurial ventures backed by Centurion University. By the end of four years, engineers move from hands-on skills to analysis, design and manufacturing through live projects making them an accomplished professional.




By-plane



Electric Scooter



E-Vehicle



Motorised Bi-Cycle



About School of Management

The School of Management of the University evolved from the Centurion School of Rural Enterprise Management (CSREM). Since inception, nearly a decade ago, its flagship program has been Master of Business Administration (MBA) that focuses on social Entrepreneurship. It has carved a niche for itself in offering high quality Management education in eastern India. It differentiates itself from other Management Schools by offering industry oriented meaningful education with a humane face. The key strength of the school is its experienced and enthusiastic faculty, committed top management, flexible curriculum, experiential learning, digital course content, strong linkage with industry, academia, civil society and government, skill integration and outreach programmes.

Programmes Offered

Sl. No.	Programmes Offered	Eligibility Criteria	Admission Process	Programme Structure
1.	Master of Business Administration in (Marketing, HR, Finance)	Graduate in any stream or its equivalent examination conducted by any recognised University/Institution.	Based on rank obtained in any approved national level entrance test and GD and PI performance.	Two years full-time programme, offered through four semesters, including foundation and functional area courses. In second year, course is divided into two semesters. Students go through advanced topics in different areas of specialization. A student has to fulfil 106 credits in order to get the degree certificate.
2.	Master of Business Administration in Rural & Urban Development Management (RUDM)	Graduate in any stream or its equivalent examination conducted by any recognised University/Institution with minimum of 50% throughout career.	Based on rank obtained in any approved national level entrance test and GD and PI performance.	This is a unique action learning programme. Students are expected to learn from field to class as much as from class to field. Second year is spent interning with a development organization in the chosen field of specialization. A student has to fulfil 106 credits in order to get the degree certificate.
3.	Bachelor of Business Administration (BBA)	+2 Arts/Science/Commerce (Senior Secondary) or its equivalent examination conducted by any recognised Board of Education in India or abroad.	Admission based on percentage of marks in the qualifying examination	Three years, full time programme offered in six semesters. A student has to fulfil 144 credits in order to get the degree certificate.
4.	Bachelor of Commerce (B.Com)	+2 Arts/Science/Commerce (Senior Secondary) or its equivalent examination conducted by any recognised Board of Education in India or abroad.	Admission based on percentage of marks in the qualifying examination	Three years, full time programme offered in six semesters. A student has to fulfil 144 credits in order to get the degree certificate.
5.	Ph.D in Management	As per periodic notification of the University.	As per periodic notification of the University.	

Best Practices in Teaching-Learning Methods

Action Oriented Course with a lot of Field Work and Paid Internship

Experiential Learning: Domain training delivered with outside industry in a weekly basis.

New Age Learning Pedagogy: Focus on hands-on training, use of activities, videos and PPTs, interactive learning, App based courses, E-class rooms and download E- material on your tablet.

Learning by doing: Projects in every course, every semester, Real Practical Projects.

Teacher Mentors: Each student is given a faculty as a student mentor; meet him/her at the earliest opportunity.

Information at Fingertips: Get your ERP pass word and access attendance, results, fee details and course details even from your mobile.

Strong linkage with industry.

MBA (General)

The programme objective is to create management leaders who can navigate the ever-changing business landscape. The curriculum is continuously updated to bring in existing and emerging challenges and opportunities in the business environment. The teaching methods are geared towards experiential learning. This is realised through interactive class room teaching: case analysis, workshop, student projects, industry interactions, etc.

Career Opportunity: After completion of their MBA, students have the option of working in Business Enterprises including manufacturing and services (FMCG, FMCD, telecom, retail, infrastructure, financial services, etc.); or pursuing higher education for a career in teaching and research; or starting own business as an entrepreneur.



MBA (Rural & Urban Development Management) - (RUDM)

The programme aims to prepare a cadre of development professionals with sound managerial skills, right attitude, motivation and sensitivity towards underprivileged sections of the society and social issues, ability to take risk and identify opportunity as a social entrepreneur.

Career Opportunity: After completion of MBA (RUDM) programme, one can serve Non-Government Organizations; Development organizations of Government; Corporate Social Responsibility of Corporates; Funding Agencies and other financial institutions.

Bachelor of Business Administration (BBA)

The course of BBA is an intermediate step towards integrated master's course in management. It aims at catering to the demand for the skilled and chiselled management professional in the industry in general and at all levels in the world of business in particular.

Career Opportunity: After completion of BBA, the graduates can join as frontline executives in Business Enterprise in many sectors or pursue higher education (MBA etc.); or start own business as an entrepreneur.



Bachelor of Commerce (B.Com)

This programme is suitable for students who have just passed 10+2 and looking forward to a career in the business world in general and in accounting and finance functions in particular. Syllabus is designed to provide basic knowledge and skill in commerce.

Career Opportunity: After successful completion, student may pursue MBA, M.Com and other professional courses or join an industry/business.

Placement and Students' Achievements

The School of Management actively provides placement assistance to every student. The Training and Placement Cell prepares students for placement eligibility assessments through interventions aimed at developing personality, communication, reasoning, aptitude and domain knowledge.




About School of Applied Sciences

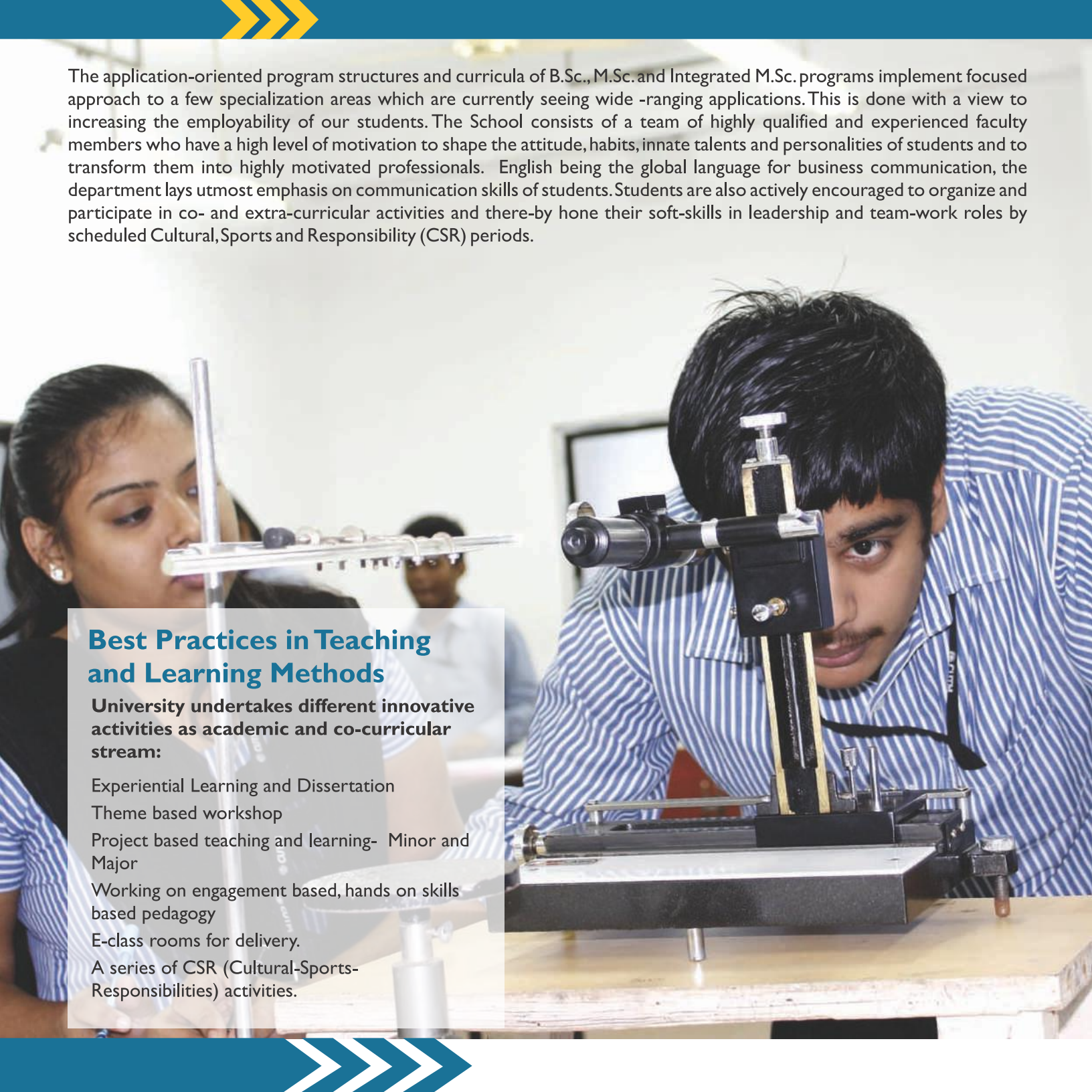
The School of Applied Sciences (SoAs) offers the Bachelor of Science (B.Sc.) and Master of Science (M.Sc.) programmes as per choice based credit system (CBCS).

The school offers two types of Master level programmes:

Integrated M.Sc. programme that consists of a B.Sc. and a M.Sc,
A separate M.Sc. programme.

These programmes are offered from four campuses, (Paralakhemundi, Bhubaneswar, Bolangir and Rayagada). In keeping with the skill orientation of the University, these programmes are application oriented with strong skill integration.





The application-oriented program structures and curricula of B.Sc., M.Sc. and Integrated M.Sc. programs implement focused approach to a few specialization areas which are currently seeing wide -ranging applications. This is done with a view to increasing the employability of our students. The School consists of a team of highly qualified and experienced faculty members who have a high level of motivation to shape the attitude, habits, innate talents and personalities of students and to transform them into highly motivated professionals. English being the global language for business communication, the department lays utmost emphasis on communication skills of students. Students are also actively encouraged to organize and participate in co- and extra-curricular activities and there-by hone their soft-skills in leadership and team-work roles by scheduled Cultural, Sports and Responsibility (CSR) periods.

Best Practices in Teaching and Learning Methods

University undertakes different innovative activities as academic and co-curricular stream:

Experiential Learning and Dissertation

Theme based workshop

Project based teaching and learning- Minor and Major

Working on engagement based, hands on skills based pedagogy

E-class rooms for delivery.

A series of CSR (Cultural-Sports-Responsibilities) activities.

Programmes Offered

Bachelor of Science (B.Sc.) & BCA:

This is a three/four years programme as per choice based credit system (CBCS).

Sl. No.	Programmes Offered	Eligibility Criteria	Admission Process	Programme Structure
1.	B.Sc. (Physics, Chemistry, Mathematics, Botany, Zoology) Bachelor of Computer Application (BCA)	The candidates who have successfully completed 10 + 2 or equivalent with minimum 45% in Physics, Chemistry, Biology or Mathematics, Computer for BCA and pass in English	*Application form and prospectus will be available online. See website for details Selection is based on Merit wise on interview basis	Three years program and it consists of six semesters. The first five semesters of B.Sc. and BCA programmes profoundly emphasize on the core and specialization subjects, and there is a seminar presentation in the last semester.

Master of Science (M.Sc.):

This is a two years' programme and it consists of four semesters as per choice based credit system (CBCS).

Sl. No.	Programmes Offered	Eligibility Criteria	Admission Process	Programme Structure
1.	M.Sc. (Applied Physics, Applied Chemistry, Applied Mathematics, Botany, Zoology)	The candidates successfully completed B.Sc. or equivalent in Physics, Chemistry, Biology or Mathematics and pass in English	*Application form and prospectus will be available online and also at the Bhubaneswar Admission Office: Centurion University, HIG-5, BDA Duplex, Phase-I, Pokhariput, Bhubaneswar-751020, Odisha.	Two years program and it consists of four semesters. The first two semesters of M.Sc. programme strongly emphasize on core-subjects and the specialization subjects in last two semesters. There is a minor project and major projects in third and fourth semesters respectively.
2.	M.Phil. in Botany, Zoology	Details are available on the website	Details are available on the website	Details are available on the website
3.	Ph.D in Science		Details are available on the website	Details are available on the website





Interdepartmental Collaborations

Besides these programmes, the University also offers courses in inter-disciplinary areas like Science and Engineering. Many courses are integrated with the School of Engineering as well as Management. The syllabi of the programmes are duly approved by the Academic Council of the University, under the guidance and participation of academic Institutions of repute such as NISER, IIT, R&D and industry partners like Infosys, Tata Consultancy Services (TCS) and the like. As a matter of policy, the syllabi are periodically reviewed and updated every three years. As per this policy we will be reviewing and updating the B.Sc.Honours programme this year.

Unique features


- Application-oriented programme structures.
- Choice Based Credit System (CBCS) mandated by UGC.
- Digitalization of teaching methodology (E-class room, E-notes, LCD, audio-visual aids, etc.)
- Sophisticated seminar and conference hall.
- Fully equipped laboratories.
- Well-stocked libraries.
- Science, cultural and sports club.
- Communication skills development.





About M. S. Swaminathan School of Agriculture

Demand for professionals in Agriculture and Allied sector is growing because of changes in ecological, economic, technological and social environment in the country and abroad. Continuing climate change, degradation of natural resources (land, water, air, forest, flora and fauna), exploitation of mineral resources, increased per-capita income, fast technological development and changing tastes, preferences and nutritional requirement have increased the need for appropriate curriculum, pedagogy and manpower.





Best Practices in Teaching-Learning Methods

Classroom teaching along with Experiential learning

Intensive field visits to study interventions in agricultural and allied sciences

Workshops for transfer of farm technology

Demonstration with farmers in the field

Problem and need based studies

Internship with agricultural input, output and food processing industries, NGOs, farmers' organisations, cooperatives, etc.

Rural Agricultural Work Experience (RAWE) programme



Programmes Offered

Sl. No.	Programmes Offered	Eligibility Criteria	Admission Process	Programme Structure
1.	B.Sc.Agriculture	Higher Secondary / Intermediate (12th or 10+2) examination conducted by any recognised Board with PCB / PCBM / Agriculture (with Science subjects) having 50% marks for general in PCB / PCBM / Agriculture and 40% for reserved categories. OR Diploma in Agriculture	Based on rank obtained in any approved national and state level entrance test. Appropriate lateral entry is also allowed.	Four years full-time course, offered through eight semesters. Right knowledge and skill in different domains of agricultural sciences as major and allied sciences as minor are imparted. A student has to fulfil 156 credits in order to get the degree certificate.
2.	B.Sc Fisheries Science (Under School of Fisheries)	Higher Secondary/Intermediate (12th or 10+2) or an equivalent examination conducted by any recognised Board of Education in India or abroad with PCM (with Science subjects) having 50% marks in PCM for general and 40% for reserved categories.	Based on rank obtained in any approved national and state level entrance test. Appropriate lateral entry is also allowed.	Four years full-time course, offered through eight semesters. It draws on the disciplines of aquaculture including breeding, genetics, biotechnology, fish processing including curing, canning, freezing, fisheries, microbiology and fisheries resource management.
3.	M.Sc. in Agriculture - Genetics & Plant Breeding, Agronomy, Horticulture and Vegetable Science, Agricultural Extension and Communication	Graduate in any AG stream or its equivalent examination conducted by any recognised University/Institution with minimum of 50% throughout career.	Based on rank obtained in any approved national level entrance test and GD and PI performance.	Two years full-time course, offered through eight semesters. Right knowledge and skill are imparted in different domains of farm machineries and power and its operation and maintenance etc.
4.	Ph.D in Agriculture	Details are available on the website	Details are available on the website	Details are available on the website



Department and Laboratory Facilities

Agronomy: deals with the crop production, water management and agricultural meteorology

Horticulture: deals with different horticultural crops and its management

Soil science and agricultural chemistry: deals with various aspects like soil chemistry, soil fertility and nutrient management, agricultural microbiology, manures, fertilizers and agrochemicals

Genetics and Plant Breeding: deals with fundamental knowledge of expression of characters, phenomena at cellular and molecular level, breeding techniques and evaluation of segregating generation for field and horticultural crops.

Plant Pathology: deals with microbiology, plant pathogens and principles of plant pathology, diseases of field crops and management, diseases of horticulture crops and management and mushroom cultivation



Entomology: deals with various aspects like insect morphology, anatomy and systematic, insect ecology and IPM, pests of field crops and sericulture, apiculture and lac culture.

Extension Education: is an applied science consisting of content derived from research, accumulated field experiences and relevant principles drawn from the behavioural science synthesised with useful technology into a body of philosophy, principles, content and methods focussed on the problems of out of school education for adults and youth.

Plant science: consists of plant physiology, seed science and technology, biotechnology and biochemistry.



Unique Features

Imparts education in line with recent advances in agricultural sciences

Conducts need and problem based research

Provides transfer of technology to the farmers

New Age Learning Pedagogy: Focuses on hands-on training, use of activities, videos and PPTs, interactive learning, App based courses, E class rooms and download E- material onto student's tablet.

Learning by doing: Practical projects in every course and in every semester.

Teacher Mentors: Each student is given a faculty as a student mentor for guidance.

Information at fingertips: Pass word protected ERP provides access to attendance, marks in the examination, fee details and course details through internet (can access from mobile phone).

High Student-Teacher Ratio

Strong Linkage with Industry

Financial support to start own venture



Field Preparation



Sowing



Transplantation



Weeding

Training and Placement

M. S. Swaminathan School of Agriculture actively provides placement assistance to every student. The Training and Placement Cell prepares students for placement eligibility assessments through interventions aimed at developing personality, communication, reasoning and aptitude. Lots of MNCs, NCs, Bank, Cooperatives, NGOs and farm based organisations offer ample opportunities with good remuneration.

University Placement Services are responsible for placement for the programme.





About School of Agricultural and Bio-Engineering

The School of Agricultural and Bio-engineering deal cover a vast gamut of farming methods, crops and biological organisms. Agricultural and Bio-engineers work on agricultural equipment designs, find alternative uses for natural resources and discover solutions for problems between farming systems and crops. As an agricultural engineer, you can work across the agriculture value chain in areas such as manufacturing, agri-tech, research and sales. Besides this, students can specialize in emerging areas such as Phyto-pharmaceuticals that are and will remain in high demand for the foreseeable future.

A student-centric pedagogy, project-based approach and design-driven curriculum provides students with an inclination for complex problem solving, design, innovation, and a passion for learning. The mission of the School of Agriculture and Bio-Engineering (SoABE) through its various programmes through its various programmes is to build individuals who possess technical competence, community centricity and are driven to make transformational change. This program is strongly underpinned by application of various digital technologies such as the IoT, Analytics and AI/ML across areas



Programmes Offered

Sl. No.	Programmes Offered	Eligibility Criteria	Admission Process	Programme Structure
1.	B.Tech. Agricultural Engineering	Higher Secondary / Intermediate (12th or 10+2) examination conducted by any recognised Board with PCB / PCBM / Agriculture (with Science subjects) having 50% marks for general in PCB / PCBM / Agriculture and 40% for reserved categories. OR Diploma in Agriculture	Based on rank obtained in any approved national and state level entrance test. Appropriate lateral entry is also allowed.	Four years full-time course, offered through eight semesters. Right knowledge and skill in different domains of agricultural sciences as major and allied sciences as minor are imparted. A student has to fulfil 156 credits in order to get the degree certificate.
2.	B.Tech Dairy Technology	Higher Secondary/Intermediate (12th or 10+2) or an equivalent examination conducted by any recognised Board of Education in India or abroad with PCM (with Science subjects) having 50% marks in PCM for general and 40% for reserved categories.	Based on rank obtained in any approved national and state level entrance test. Appropriate lateral entry is also allowed.	Dairy Technology is an engineering field that deals with the processing of milk and its products. This field involves the use of "Technology" to make the dairy products and processing more advanced, hi-tech and useful.
3.	B.Tech Phytopharma	Higher Secondary/Intermediate (12th or 10+2) in India or abroad with PCM (with Science subjects) having 50% marks in PCM for general and 40% for reserved categories.	Based on rank obtained in any approved national and state level entrance test.	Four years full-time course, in collaboration with Hialaya which provides an in-depth study of natural products, their analysis, value as medicines and regulatory issues controlling their production.



Unique Features

Imparts education in line with recent advances in agricultural sciences

Conducts need and problem based research

Provides transfer of technology to the farmers

New Age Learning Pedagogy: Focuses on hands-on training, use of activities, videos and PPTs, interactive learning, App based courses, E class rooms and download E- material onto student's tablet.

Learning by doing: Practical projects in every course and in every semester.

Teacher Mentors: Each student is given a faculty as a student mentor for guidance.

Information at fingertips: Pass word protected ERP provides access to attendance, marks in the examination, fee details and course details through internet (can access from mobile phone).

High Student-Teacher Ratio

Strong Linkage with Industry

Financial support to start own venture



Training and Placement

School of Agricultural and Bio-Engineering actively provides placement assistance to every student. The Training and Placement Cell prepares students for placement eligibility assessments through interventions aimed at developing personality, communication, reasoning and aptitude. Lots of MNCs, NCs, Bank, Cooperatives, NGOs and farm based organisations offer ample opportunities with good remuneration.

University Placement Services are responsible for placement for the programme.

About School of Media and Communication

The School of Media and Communications, under the auspices of the Institute of Knowledge Societies at Centurion University is being launched as a complete media school which will offer both Bachelors and Masters degree programmes, short term skill programmes in partnership with the PMKVY scheme of the Ministry of Skill Development and Entrepreneurship, Government of India and industry partnerships with both National and Regional Media. The school will deliver UNESCO's "Model Curriculum for Developing Countries and Emerging Democracies".

We at Centurion, pride ourselves for having implemented the CBCS scheme of the UGC and all our courses are aligned to the National Skill Qualification Framework. The course will be unique in that students will be required to take only 25 to 35 % of the total course load as core courses in the classroom. The student will then be free to choose all other courses from open baskets in any discipline and in practice mode.

Apart from teaching our faculty also engage in outstanding and innovative research. We address crucial issues in the emerging digital world about knowledge construction, political agency, cultures and identities, and governing the media and communications environment. Our work is strongly comparative and transnational. Our engaged and critical approach is committed to strengthening interdisciplinary scholarship drawing on a number of social science disciplines and multi-method approaches to research.



Programmes Offered

Sl. No.	Programmes Offered	Eligibility Criteria	Admission Process	Programme Structure
1.	Bachelor of Arts in Media	Completed Higher Secondary / Intermediate (12th or 10+2) or an equivalent examination conducted by any recognised Board of Education in India or abroad	Priority in admission is Based on percentage of Marks obtained at Higher secondary level	Three years full-time course, offered through six semesters. Proper knowledge and skill in media education. A student has to complete 120 credits
2.	Master of Arts in Media	Completed Bachelor degree examination conducted by any recognised University or board of Education in India or abroad	Priority in admission is Based on percentage of Marks obtained at Bachelors' level	Two years full-time course, offered through four semesters. Proper knowledge and skill in media education. A student has to complete 96 credits



Laboratories

The Centurion Studio:

In order to prepare students to be industry ready, the university has built and equipped full- fledged video and audio studio with the latest technology and software. The studio will be used for teaching as well as production.

Centurion Radio:

Centurion Radio, the university's cloud radio station is dedicated to university's student community. The media and Communication students at this radio station will be trained effectively in radio programme production, radio and sound engineering and radio jockeying, thus preparing them for the a bright future in the industry.

Centurion Press:

For students interested in the print media, Centurion press is a place to explore the word. The students will be trained to become competent print media professionals.



Unique features

Industry ready International standard syllabus with internationally reputed faculty members.

The school uses audio visual technologies to make learning interesting and effective.

Choice based credit system (CBCS) based syllabus.

Specialized training and Internship at reputed national and regional media organizations.

Association with ZEE group and other media, corporate and development organizations for helping students to grab better opportunities.

Well-equipped studios and labs for hands-on training.

About School Pharmacy and Life Sciences

The School of Pharmacy and Life Sciences has programmes to develop diploma, graduate and postgraduate professionals in Pharmacy. It has the vision of optimizing the Pharmacy protocols in the field of Life Sciences. The course covers Computational Biology Bioinformatics), Biotechnology, Microbiology, Botany, Zoology, Environmental Science and other allied sciences. The school has a dedicated team of academicians and practitioners which is committed to producing pharmacists for the 21st century with significant responsibility for managing drug therapy, counseling patients on proper use of medication and monitoring drug therapy outcomes. The school is approved by Pharmacy Council of India, New Delhi

Major Areas of Study

Pharmaceutical Chemistry: Pharmaceutical Chemistry includes study of pharmaceuticals for generic and noble drugs.

Pharmaceutics: Pharmaceutics deals with synthesis and design of new drug molecules and their various formulations as per the official compendia.

Pharmacology: Pharmacology includes human health management and treatment.

Pharmacognosy: For extraction, isolation and the characterization of crude drugs obtained from nature.

Analytical Chemistry: Analytical Chemistry deals with study of Physical and Inorganic Chemistry for synthesis and development of chemical molecules.

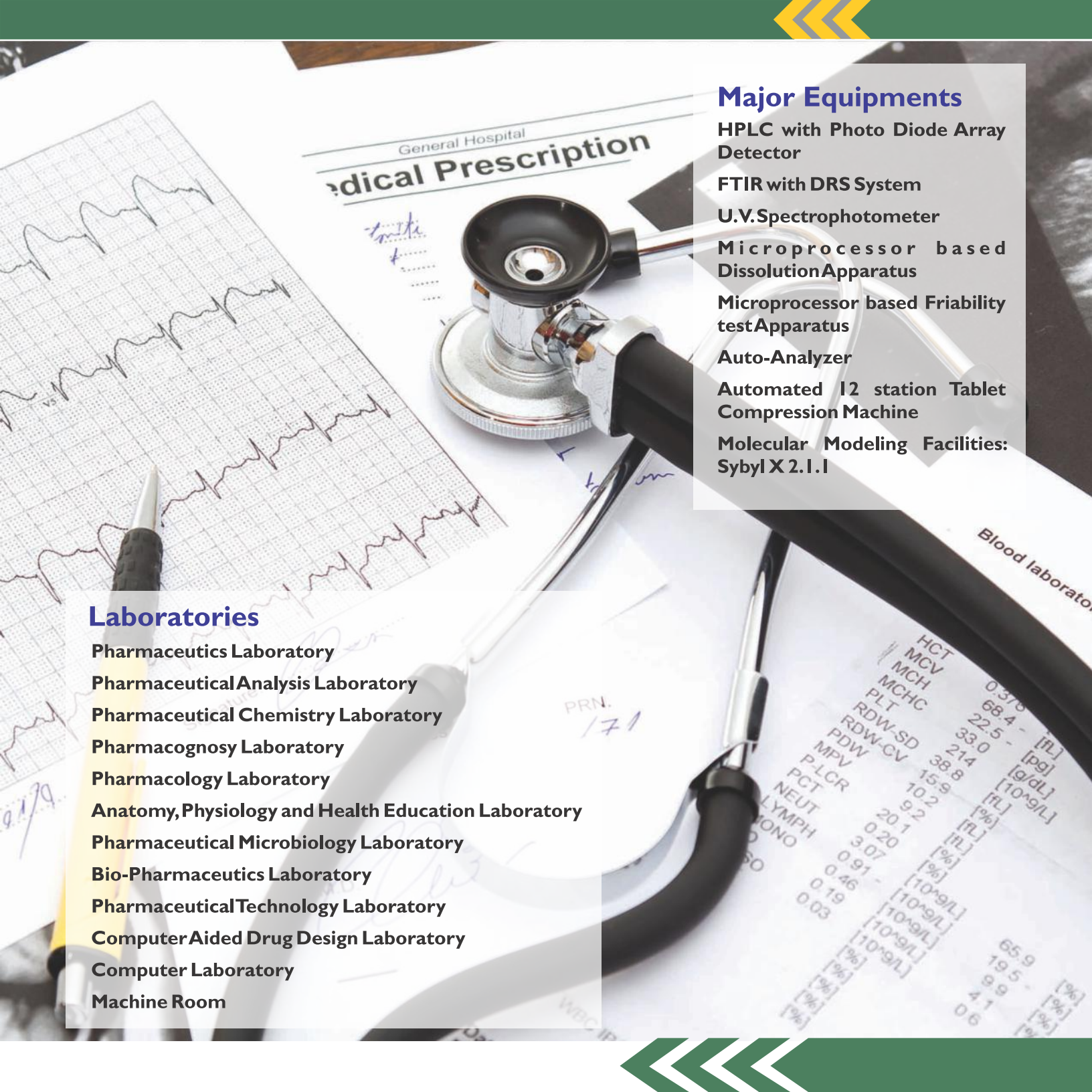
CADD: Computer Aided Drug Design (CADD) includes a platform for computational designing of drugs and pharmacophore with the study of its target interactions.



Programmes Offered

Sl. No.	Programmes Offered	Eligibility Criteria	Admission Process	Programme Structure
1.	Bachelor of Pharmacy	+2 Science with Math or Biology or equivalent (aggregate 45% of mark)	60 students selected based on rank obtained in (CUTM/ OJEE/ NEET or any state equivalent test)	4Years (8 Semesters)
2.	Diploma in Pharmacy	Must completed 10+2 with Physics/ Chemistry/ Math/Biology/Bio Science (aggregate 45% of mark)	60 students selected based on rank obtained in (CUTM/ OJEE/ NEET or any state equivalent test)	2 Years (4 Semesters)

For more details please visit the university website.



Major Equipments

- HPLC with Photo Diode Array Detector
- FTIR with DRS System
- U.V.Spectrophotometer
- Microprocessor based Dissolution Apparatus
- Microprocessor based Friability test Apparatus
- Auto-Analyzer
- Automated 12 station Tablet Compression Machine
- Molecular Modeling Facilities: Sybyl X 2.1.1

Laboratories

- Pharmaceutics Laboratory
- Pharmaceutical Analysis Laboratory
- Pharmaceutical Chemistry Laboratory
- Pharmacognosy Laboratory
- Pharmacology Laboratory
- Anatomy, Physiology and Health Education Laboratory
- Pharmaceutical Microbiology Laboratory
- Bio-Pharmaceutics Laboratory
- Pharmaceutical Technology Laboratory
- Computer Aided Drug Design Laboratory
- Computer Laboratory
- Machine Room

Blood laboratory

HCT	0.378	[TL]
MCV	68.4	[pg]
MCH	22.5	[g/dL]
MCHC	33.0	[10 ⁹ /L]
PLT	214	[10 ⁹ /L]
RDW-SD	38.8	[TL]
RDW-CV	15.9	[TL]
MPV	10.2	[TL]
P-LCR	9.2	[TL]
PCT	20.1	[TL]
NEUT	0.20	[TL]
LYMPH	3.07	[TL]
MONO	0.91	[TL]
...	0.46	[TL]
...	0.19	[TL]
...	0.03	[TL]
...	65.9	[TL]
...	19.5	[TL]
...	9.9	[TL]
...	4.1	[TL]
...	0.6	[TL]





Faculty Resources: The school has faculty from academia and industry with long years of experience who have a number of publications in national and international refereed journals.



About School of Paramedics & Allied Health Sciences

School of Paramedics & Allied Health Sciences, Centurion University is designed as one of the best model paramedical department in Eastern India where raw talents are shaped, guided and polished to emerge as through professionals in the highly competitive knowledge based world. It has been established to play a pivotal role to produce performance oriented professionals who will excel in their respective fields with excellence and shape the destiny of our healthcare industry.



VISION

To craft an internationally competitive & research focused department, open to the needs of the people, while distributing superlative edification and knowledge. To place it in the forefront of research and development, invention, knowledge transfer and human resource development in the global academic field and industry.

MISSION

School of Paramedics & Allied Health Sciences aims to provide trained, qualified, technical personnel in the field of Paramedical Science to support the medical profession. The objective of the Paramedical Science education programme is to ensure that educational opportunities for development of skills. The emphasis of the Paramedical Science education programme is on developing a cadre of small entrepreneurs. This programme conceived as "Total Employment Training for Total Development", focuses on the concept of turning the unskilled to the skilled

Prospects as a Paramedic

After pursuing a course in the field of paramedical science, one can explore various career options available in the medical industry. A paramedic can seek job opportunities in government hospitals, private clinics and trauma centers. Such medical professionals can work as medical lab technicians, radiography technicians, emergency technicians, emergency care practitioners etc.

Besides, they can opt for high - end specialization courses and discover umpteen opportunities in India and abroad. However, being a paramedic is a demanding job as emergency medical services and facilities operate 24x7; thus, professionals in this field must be devoted to their job and willing to work anytime when duty calls.

**100%
Placement
Assistance**

**World Class
Laboratory
Facility**

**Transport
Facility
Available**

**Separate
hostels for
Boys and
Girls**

Features of the School

- Odisha's first university to start Paramedical courses
- Designed as one of the best model paramedical school in Eastern India
- Play pivotal role to produce performance oriented professionals
- Shape the destiny of India's health care industry
- Aims at developing competence
- Providing students with facilities for quality education, complete laboratory training and clinical exposure
- Tied up with GE Healthcare to launch 1 year skill courses focusing on high demand job roles in healthcare sector
- Well equipped high technology laboratories
- Well qualified faculty
- Emphasis on peer support and peer analysis for soft skill acquisition
- Wi-Fi environment with elaborate computer lab
- Availability of medical education software
- Established network with hospitals, diagnostics companies, pharmaceutical companies, and research labs
- Research opportunities

PROGRAMMES OFFERED

Graduate & Post Graduate Programmes

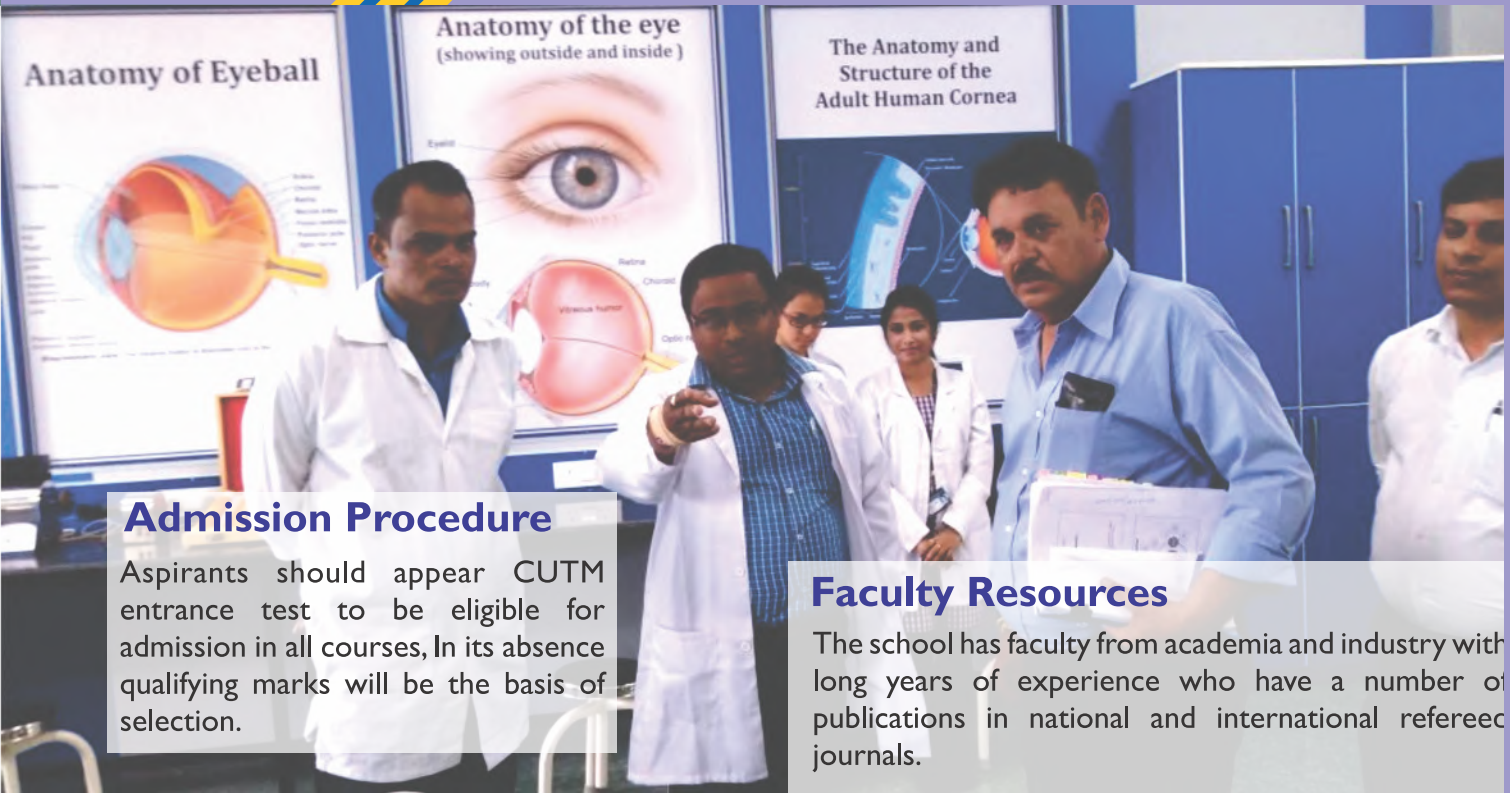
Sl. No.	Programmes Offered	Duration	Eligibility Citerria
1.	B.Sc Optometry	4 Years	+2 Sc. with Biology
2.	B.Sc Radiology Imaging Technology	3 Years	+2 Sc. with Biology
3.	B.Sc Medical Laboratory Technician	3 Years	+2 Sc. with Biology
4.	B.Sc Clinical Microbiology	3 Years	+2 Sc. with Biology
5.	B.Sc Forensic Science (Under School of Forensic Sciences)	3 Years	+2 Sc. with Biology
6.	M.Sc Clinical Microbiology/	2 Years	+3 Sc. with Biology
7.	Medical Laboratory Technician	2 Years	+3 Sc. with Biology
8.	M.Sc Forensic Science (Under School of Forensic Sciences)	2 Years	+3 Sc. with Biology
9.	M.Sc Cyber Security & Digital Forensics (Under School of Forensic Sciences)	2 Years	+3 Sc. with Biology

For more details please visit the university website.



Best Practices in Teaching Learning Methods

This courses designed aims at developing competence and providing students with facilities for quality education, complete laboratory training and clinical exposure. The School has well equipped high technology laboratories and well qualified faculty who not only impart academics but also guide students in their quest for excellence.



Admission Procedure

Aspirants should appear CUTM entrance test to be eligible for admission in all courses, In its absence qualifying marks will be the basis of selection.

Faculty Resources

The school has faculty from academia and industry with long years of experience who have a number of publications in national and international refereed journals.



About School of Forensic Sciences

School of Forensic Sciences under Centurion University of Technology and Management aims at creating much required experts in the field of investigative science with the application of advanced scientific techniques. The aim of the course is to develop a platform wherein various scientific means and methods are applied so that social justice can be brought about within our society.



About School of Vocational Education and Training

The School of Vocational Training (SoVET) trains over 20,000 students a year in various short term skill courses under the umbrella of Gram Tarang Employability Training Services. The school offers courses from one month duration to three years. The longer duration programmes are offered under the University banner.

The University has also signed a MOU with Ministry of Skill Development and Entrepreneurship (MSDE), Government of India, for offering flex-ITI courses throughout the country. All these courses are run with industry collaboration. The school is now well known nationally and internationally and is at the center of the skill integrated higher education system of the University. Most topics are taught in practice mode in E-class rooms.





Best Practices in Teaching-Learning Methods

Industry Integrated Skill Based Courses

Focus on skill education taught in practice mode, offering courses with industry partnerships and latest technical developments.

ICT Integration

Use of ICT in teaching, learning and its examination process has helped in improving learning outcomes and enhancing classroom engagement. The classroom teaching is accompanied by e-content materials by using tablets for making student learning more effective.

Programmes Offered

Sl. No.	Programmes Offered	Eligibility Criteria	Admission Process	Programme Structure
1.	Diploma in Engineering (Diploma)	Pass in HSC examination / 10th standard examination conducted by any state board or equivalent Age: Minimum 14 years for all courses.No Upper Age limit.	Must have appeared in any Diploma Entrance Test for admission to 1st Semester of 3 year Diploma Engineering Courses. In its absence 10th marks will be the basis for selection.	3Years (6 Semesters) with 135 credits.
2.	Diploma in Engineering (Diploma) Lateral Entry	Pass in +2 Science Examination from CHSE, Odisha or its equivalent examination with PCM / +2Vocational (2 years course) in any Engineering Trades / 2 years ITI in Engineering Trade with pass in HSC examination / 10th standard examination conducted / declared equivalent by BSE, Odisha.	Must have appeared in any Diploma Entrance Test for admission to 3rd Semester of 3 year Diploma Engineering Courses. In its absence qualifying exam marks will be the basis for selection.	2Years (4 Semesters) with 90 credits.

School of Vocational Education and Training offers:

1. Diploma in Mechanical Engineering
2. Diploma in Civil Engineering
3. Diploma in Electrical Engineering
4. Diploma in Automobile Engineering
5. Diploma in Mining Engineering
6. Diploma in Computer Science Engineering
7. Diploma in Vocational - Automobile
8. Diploma in Vocational - Electrical Maintenance
9. Diploma in Vocational - Manufacturing



Learn while Earn Concept

The school has production contracts with various companies such as HAL, ISRO, RSB Global and Uniparts. This gives students the unique advantage of working on production jobs while studying.



Live Projects and Entrepreneurship

Students engage in high quality live projects. These projects have garnered widespread attention and accolades. Some of them have been taken up as entrepreneurial ventures backed by Centurion University.

These projects have impressed industry and academia alike. By the end of four years, engineers move from hands-on-skills, through analysis and design to manufacturing, making them consummate professionals.





Admission into Centurion University:

The University conducts the 'Centurion University Entrance Examination' (CUEE) every year all over India. The Entrance examination is needed for Engineering and Agriculture programmes. This year, the test will be conducted online only. Please refer the University website for full details about the fee, procedures and application details.

Please Visit: www.cutm.ac.in

CORPORATE OFFICE:

17, Forest Park,
Bhubaneswar,
PIN – 751009,
Dist: Khurda, Odisha, India.

PARALAKHEMUNDI CAMPUS:

At - Village Alluri Nagar, P.O - R Sitapur, Via - Uppalada,
Paralakhemundi - 761 211, Dist. - Gajapati, Odisha.
Phone: +91 (06815) 222999
Fax: (06815) 222150, 222976

BHUBANESWAR CAMPUS:

At - Ramachandrapur, P.O - Jatni,
Bhubaneswar - 752050, Dist - Khurda, Odisha
Phone: +91 (0674) 2352667
Fax: +91 (0674) 2352433



Centurion
UNIVERSITY

*Shaping Lives...
Empowering Communities...*

Schools:

ENGINEERING | MANAGEMENT | AGRICULTURE | APPLIED SCIENCES | PHARMACY | FORENSIC SCIENCE | FISHERIES
PARAMEDICS & ALLIED HEALTH SCIENCES | MEDIA & COMMUNICATION | VOCATIONAL EDUCATION & TRAINING



centurionuniveristy

E-Mail: join@cutm.ac.in



Centurion
UNIVERSITY
MAAC 1st GRADE, UGC & AICTE APPROVED

*If top-notch Higher Education is
what you are aiming for, then
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you should be.*

FOR MORE DETAILS, CALL: 82600 77222

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Centurion
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*Shaping Lives...
Empowering Communities...*

Information Brochure
2019-20

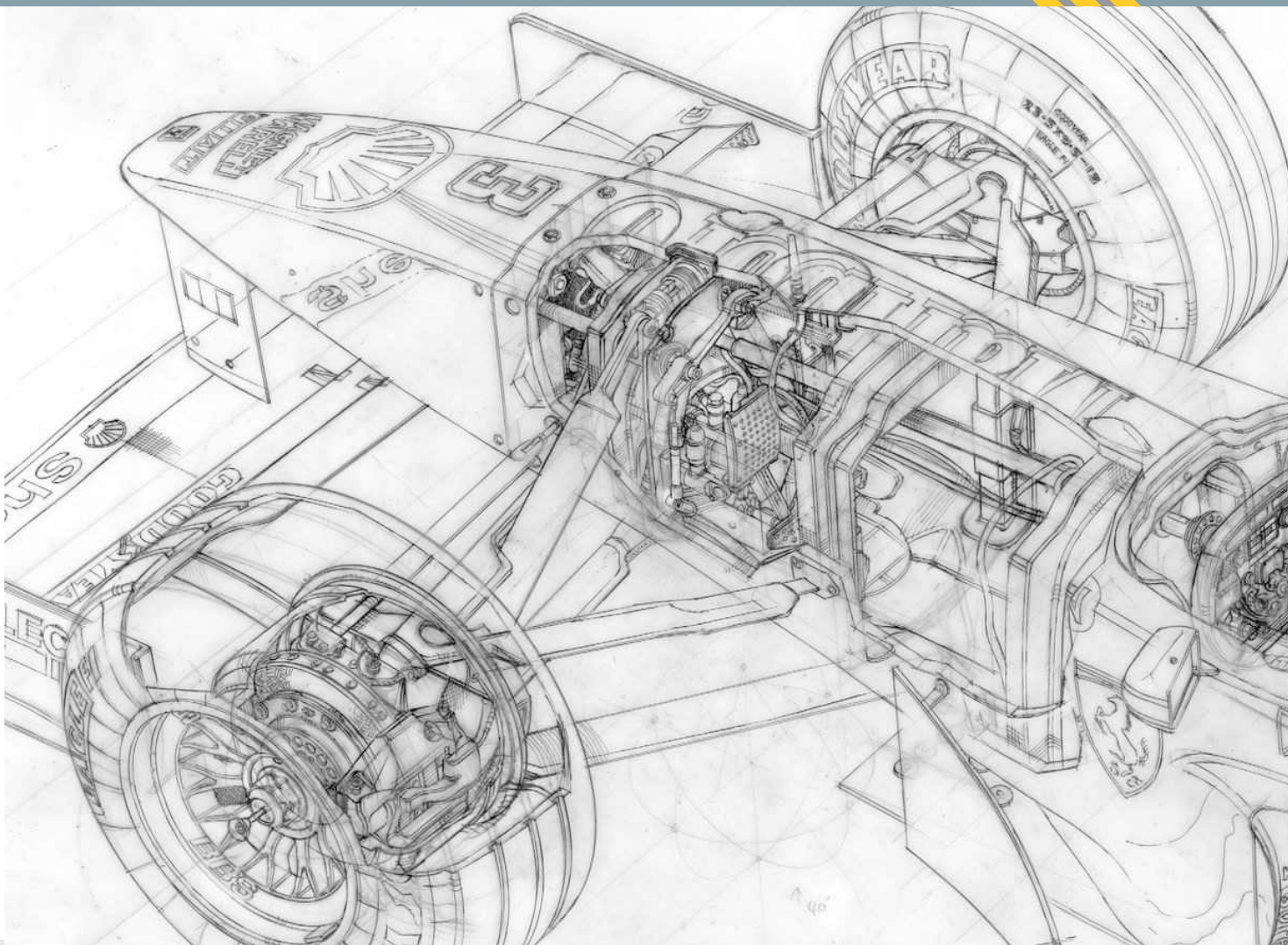
CHAMPIONS OF CHANGE

EXPLORE NEW POSSIBILITIES

Centurion University of Technology and Management

**THE WORLD OF EDUCATION IS CHANGING.
THE METHODS OF LEARNING ARE CHANGING.
AND SO ARE THE POSSIBILITIES.
NOW, WHEN THE OFFBEAT AND UNEXPLORED
ARE THE MAINSTREAM, ISN'T IT ABOUT TIME
YOU EMBRACED THE CHANGE?**

**AT CENTURION UNIVERSITY, CHANGE WAS OUR
ONLY CONSTANT. IT WAS OUR VISION FROM DAY
ONE. WITH OUR EXPERIENTIAL LEARNING
METHODS, FACILITIES AND FRESH APPROACH AT
EDUCATION, WE BACK CHANGE. ADVOCATE IT. AND
MORE THAN ANYTHING ELSE, WE CHAMPION IT.**



About School of Engineering and Technology

The School of Engineering and Technology is the largest school in the Centurion University of Technology and Management (CUTM). The school offers Choice Based Credit System (CBCS) that allows students to study courses from multiple disciplines. The school strives to nurture students to become industry ready. School's programmes are skill integrated and geared towards industrial application domains. It encourages students to pursue higher studies or entrepreneurship. The curriculum is delivered in practice mode through more than twenty industry sponsored laboratories. The school has earned national and international laurels for its skill integration and practice orientation.

Programmes Offered

Sl. No.	Programmes Offered	Eligibility Criteria	Admission Process	Programme Structure
1.	Bachelor of Technology (B.Tech)	Must have passed 10 + 2 (Science with Mathematics) examination or appearing 10 + 2 examination (Science with Mathematics) with 45% aggregate.	Based on the ranks in any nationalized entrance tests CUET / JEEMAIN / EAMCET / WBJEE / Other equivalent Entrance Test.	4 Years (8 Semesters) with 180 credits. CBCS Structure
2.	Bachelor of Technology (B.Tech) Lateral Entry	Passed or appearing in three years full time diploma course in Engineering with at least 50% marks in aggregate from State Council of Technical Education and Training of any state / Universities.	Based on the ranks in any nationalized entrance tests CUET / JEEMAIN / EAMCET / WBJEE / Other equivalent Entrance Test.	3 Years (6 Semesters) with 145 credits. CBCS Structure
3.	Master of Technology (M.Tech)	Must be an Engineering Graduate, MCA/M.Sc (IT/CSE) for CSE Branch.	Through GATE or any other equivalent entrance test or through appropriate experience/merit.	2 Years (4 semesters) Industry Integrated Programme
4.	Ph.D in Engineering		Details are available on the website	

ENGINEERING AND TECHNOLOGY

- B.Tech - Civil Engineering
- B.Tech - Mechanical Engineering
- B.Tech - Computer Science Engineering
- B.Tech - Electronics & Communication Engineering
- B.Tech - Electrical & Electronics Engineering
- M.Tech - Structural Engineering
- M.Tech - Transportation Engineering
- M.Tech - Power System & Control
- Ph.D in Engineering





Choice Based Credit System

Under this system a student has choice of selecting different papers belonging to different baskets

Basket I: Basic Science (Minimum 18 credits)

Basket II: Basic Humanities and Management (Minimum 18 credits)

Basket III: Basic Engineering (Minimum 27 credits)

Basket IV: Core Engineering (Minimum 45 credits)

Basket V: Electives belonging to different domain tracks. Each domain track signifies some industry application area. (Maximum 72 credits)

Students can select their branch of Engineering even in 2nd or 3rd year. Students can also change their branch midway. 45 Credit of course in a particular branch will make the student eligible to claim a specialization in any branch of Engineering. Thus, a student will have the option to claim specialization in more than one branch of Engineering.

CBCS system emphasizes learning on practice and project mode (learning by seeing, learning by doing and learning by discovery) rather than the traditional lecture mode (learning by listening).



Domain Based Curriculum

The school offers domain based courses within the curriculum in association with industry partners. It enables the students to become industry ready by the end of their respective programmes. Domains offered in different branches include:

Mechanical Engineering: Automotive Design, Manufacturing and Welding

Electrical and Electronics Engineering: VLSI and Embedded systems

Electronics and Communication Engineering: Industrial Automation and Control, Data analytics and Internet Security

Civil Engineering: Construction Planning and Project Management, Advanced Surveying using GIS, Computer Aided Design and Drawing

The faculty has both academicians and industry practitioners. Many industry professionals visit Centurion University as visiting faculty. In addition, the school has partnerships with many companies for imparting domain training. The University website has a full listing of all faculty members.



Curriculum and Pedagogical Tools

Industry Integrated Skill Based Courses

Focuses on skill/practice based education and offers courses with industry partnerships keeping in view the latest developments in technology.

Integration of Information and Communications Technology (ICT)

Use of ICT in teaching, learning and assessment has improved learning outcomes and enhanced classroom engagement. E-content is available on tablets. Internships and scholarships are available for higher studies after the completion of degree at the University.



Profile Projector PJ-A3000 Series



Volatile Matter Furnace

Industry Sponsored Laboratories

Eicher Motors, Ashok Leyland, Hyundai Motors and Yamaha sponsored Automotive laboratories

Godrej laboratories in interiors, Refrigeration and Air Conditioning and forklift maintenance

Bharat Earth Movers Limited (BEML) laboratories

Dassault Systems laboratory for Catia, Delmia and Simulia

Skill laboratories in CNC manufacturing, surveying, material testing and Engineering software like Staad Pro, Ansys Pro E supported by **National Skill Development Corporation**

Schneider Electric Electrical Engineering laboratories

Centers of Excellences in **Cisco** Certified Network Associate (CCNA), **(IBM)** Technologies and Oracle Academy

Felder Wood Engineering laboratory

Health Care Engineering laboratory

Small Industries Development Bank Of India (SIDBI) sponsored Industrial Automation Laboratory

Odisha Mining Corporation's laboratories for material quality testing in mining

The school has professional software such as High Frequency Structural Simulator (HFSS), Cadence etc.



Parr Isoperibol Bomb Calorimeter



Bharat Earth Movers Limited (BEML)
Ashok Leyland



Felder
Wood Engineering laboratory



Hydraulic Excavator



Racing Cars

Some of the Student Projects and Entrepreneurship

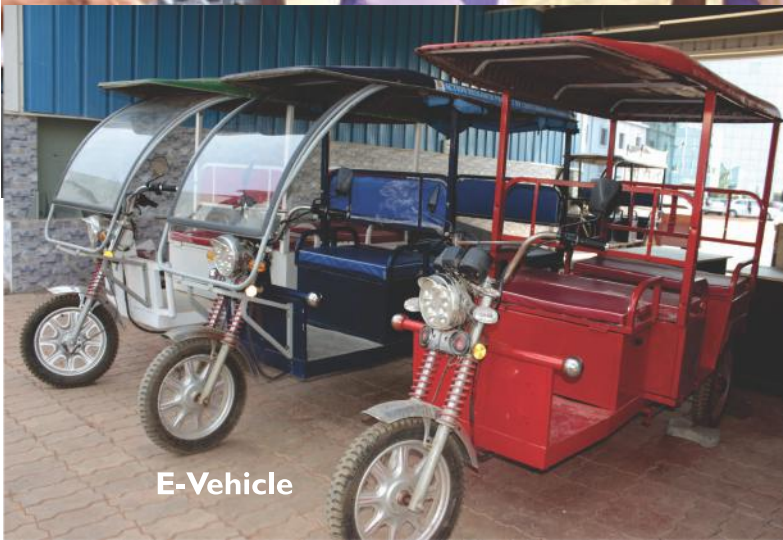
Students participate in high quality live projects. The projects have garnered widespread attention and accolades. Some of these projects have been taken up as entrepreneurial ventures backed by Centurion University. By the end of four years, engineers move from hands-on skills to analysis, design and manufacturing through live projects making them an accomplished professional.




By-plane



Electric Scooter



E-Vehicle



Motorised Bi-Cycle



About School of Management

The School of Management of the University evolved from the Centurion School of Rural Enterprise Management (CSREM). Since inception, nearly a decade ago, its flagship program has been Master of Business Administration (MBA) that focuses on social Entrepreneurship. It has carved a niche for itself in offering high quality Management education in eastern India. It differentiates itself from other Management Schools by offering industry oriented meaningful education with a humane face. The key strength of the school is its experienced and enthusiastic faculty, committed top management, flexible curriculum, experiential learning, digital course content, strong linkage with industry, academia, civil society and government, skill integration and outreach programmes.

Programmes Offered

Sl. No.	Programmes Offered	Eligibility Criteria	Admission Process	Programme Structure
1.	Master of Business Administration in (Marketing, HR, Finance)	Graduate in any stream or its equivalent examination conducted by any recognised University/Institution.	Based on rank obtained in any approved national level entrance test and GD and PI performance.	Two years full-time programme, offered through four semesters, including foundation and functional area courses. In second year, course is divided into two semesters. Students go through advanced topics in different areas of specialization. A student has to fulfil 106 credits in order to get the degree certificate.
2.	Master of Business Administration in Rural & Urban Development Management (RUDM)	Graduate in any stream or its equivalent examination conducted by any recognised University/Institution with minimum of 50% throughout career.	Based on rank obtained in any approved national level entrance test and GD and PI performance.	This is a unique action learning programme. Students are expected to learn from field to class as much as from class to field. Second year is spent interning with a development organization in the chosen field of specialization. A student has to fulfil 106 credits in order to get the degree certificate.
3.	Bachelor of Business Administration (BBA)	+2 Arts/Science/Commerce (Senior Secondary) or its equivalent examination conducted by any recognised Board of Education in India or abroad.	Admission based on percentage of marks in the qualifying examination	Three years, full time programme offered in six semesters. A student has to fulfil 144 credits in order to get the degree certificate.
4.	Bachelor of Commerce (B.Com)	+2 Arts/Science/Commerce (Senior Secondary) or its equivalent examination conducted by any recognised Board of Education in India or abroad.	Admission based on percentage of marks in the qualifying examination	Three years, full time programme offered in six semesters. A student has to fulfil 144 credits in order to get the degree certificate.
5.	Ph.D in Management	As per periodic notification of the University.	As per periodic notification of the University.	

Best Practices in Teaching-Learning Methods

Action Oriented Course with a lot of Field Work and Paid Internship

Experiential Learning: Domain training delivered with outside industry in a weekly basis.

New Age Learning Pedagogy: Focus on hands-on training, use of activities, videos and PPTs, interactive learning, App based courses, E-class rooms and download E- material on your tablet.

Learning by doing: Projects in every course, every semester, Real Practical Projects.

Teacher Mentors: Each student is given a faculty as a student mentor; meet him/her at the earliest opportunity.

Information at Fingertips: Get your ERP pass word and access attendance, results, fee details and course details even from your mobile.

Strong linkage with industry.

MBA (General)

The programme objective is to create management leaders who can navigate the ever-changing business landscape. The curriculum is continuously updated to bring in existing and emerging challenges and opportunities in the business environment. The teaching methods are geared towards experiential learning. This is realised through interactive class room teaching: case analysis, workshop, student projects, industry interactions, etc.

Career Opportunity: After completion of their MBA, students have the option of working in Business Enterprises including manufacturing and services (FMCG, FMCD, telecom, retail, infrastructure, financial services, etc.); or pursuing higher education for a career in teaching and research; or starting own business as an entrepreneur.



MBA (Rural & Urban Development Management) - (RUDM)

The programme aims to prepare a cadre of development professionals with sound managerial skills, right attitude, motivation and sensitivity towards underprivileged sections of the society and social issues, ability to take risk and identify opportunity as a social entrepreneur.

Career Opportunity: After completion of MBA (RUDM) programme, one can serve Non-Government Organizations; Development organizations of Government; Corporate Social Responsibility of Corporates; Funding Agencies and other financial institutions.

Bachelor of Business Administration (BBA)

The course of BBA is an intermediate step towards integrated master's course in management. It aims at catering to the demand for the skilled and chiselled management professional in the industry in general and at all levels in the world of business in particular.

Career Opportunity: After completion of BBA, the graduates can join as frontline executives in Business Enterprise in many sectors or pursue higher education (MBA etc.); or start own business as an entrepreneur.

Bachelor of Commerce (B.Com)

This programme is suitable for students who have just passed 10+2 and looking forward to a career in the business world in general and in accounting and finance functions in particular. Syllabus is designed to provide basic knowledge and skill in commerce.

Career Opportunity: After successful completion, student may pursue MBA, M.Com and other professional courses or join an industry/business.

Placement and Students' Achievements

The School of Management actively provides placement assistance to every student. The Training and Placement Cell prepares students for placement eligibility assessments through interventions aimed at developing personality, communication, reasoning, aptitude and domain knowledge.






About School of Applied Sciences

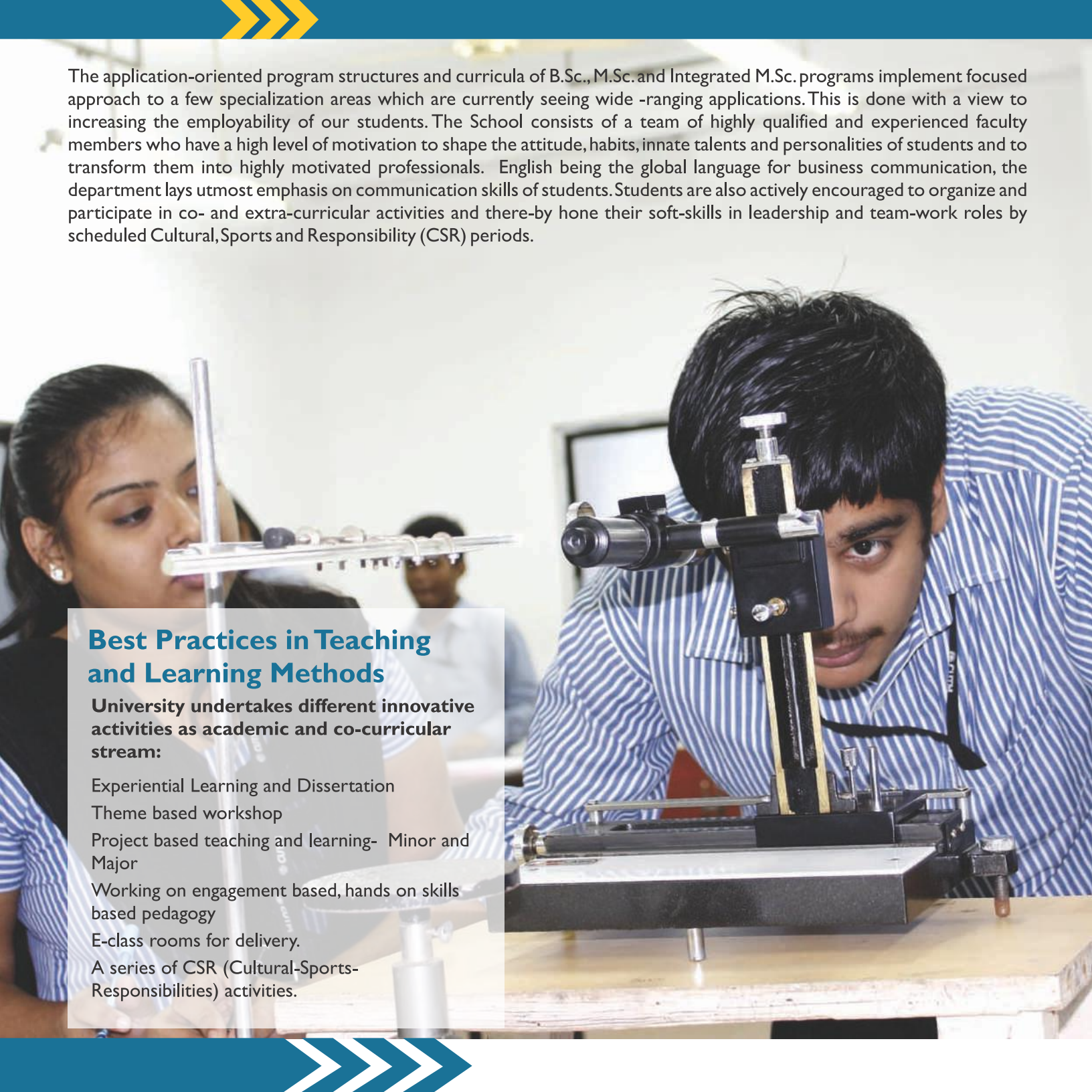
The School of Applied Sciences (SoAs) offers the Bachelor of Science (B.Sc.) and Master of Science (M.Sc.) programmes as per choice based credit system (CBCS).

The school offers two types of Master level programmes:

Integrated M.Sc. programme that consists of a B.Sc. and a M.Sc,
A separate M.Sc. programme.

These programmes are offered from four campuses, (Paralakhemundi, Bhubaneswar, Bolangir and Rayagada). In keeping with the skill orientation of the University, these programmes are application oriented with strong skill integration.





The application-oriented program structures and curricula of B.Sc., M.Sc. and Integrated M.Sc. programs implement focused approach to a few specialization areas which are currently seeing wide -ranging applications. This is done with a view to increasing the employability of our students. The School consists of a team of highly qualified and experienced faculty members who have a high level of motivation to shape the attitude, habits, innate talents and personalities of students and to transform them into highly motivated professionals. English being the global language for business communication, the department lays utmost emphasis on communication skills of students. Students are also actively encouraged to organize and participate in co- and extra-curricular activities and there-by hone their soft-skills in leadership and team-work roles by scheduled Cultural, Sports and Responsibility (CSR) periods.

Best Practices in Teaching and Learning Methods

University undertakes different innovative activities as academic and co-curricular stream:

Experiential Learning and Dissertation

Theme based workshop

Project based teaching and learning- Minor and Major

Working on engagement based, hands on skills based pedagogy

E-class rooms for delivery.

A series of CSR (Cultural-Sports-Responsibilities) activities.

Programmes Offered

Bachelor of Science (B.Sc.) & BCA:

This is a three/four years programme as per choice based credit system (CBCS).

Sl. No.	Programmes Offered	Eligibility Criteria	Admission Process	Programme Structure
1.	B.Sc. (Physics, Chemistry, Mathematics, Botany, Zoology) Bachelor of Computer Application (BCA)	The candidates who have successfully completed 10 + 2 or equivalent with minimum 45% in Physics, Chemistry, Biology or Mathematics, Computer for BCA and pass in English	*Application form and prospectus will be available online. See website for details Selection is based on Merit wise on interview basis	Three years program and it consists of six semesters. The first five semesters of B.Sc. and BCA programmes profoundly emphasize on the core and specialization subjects, and there is a seminar presentation in the last semester.

Master of Science (M.Sc.):

This is a two years' programme and it consists of four semesters as per choice based credit system (CBCS).

Sl. No.	Programmes Offered	Eligibility Criteria	Admission Process	Programme Structure
1.	M.Sc. (Applied Physics, Applied Chemistry, Applied Mathematics, Botany, Zoology)	The candidates successfully completed B.Sc. or equivalent in Physics, Chemistry, Biology or Mathematics and pass in English	*Application form and prospectus will be available online and also at the Bhubaneswar Admission Office: Centurion University, HIG-5, BDA Duplex, Phase-I, Pokhariput, Bhubaneswar-751020, Odisha.	Two years program and it consists of four semesters. The first two semesters of M.Sc. programme strongly emphasize on core-subjects and the specialization subjects in last two semesters. There is a minor project and major projects in third and fourth semesters respectively.
2.	M.Phil. in Botany, Zoology	Details are available on the website	Details are available on the website	Details are available on the website
3.	Ph.D in Science		Details are available on the website	Details are available on the website





Interdepartmental Collaborations

Besides these programmes, the University also offers courses in inter-disciplinary areas like Science and Engineering. Many courses are integrated with the School of Engineering as well as Management. The syllabi of the programmes are duly approved by the Academic Council of the University, under the guidance and participation of academic Institutions of repute such as NISER, IIT, R&D and industry partners like Infosys, Tata Consultancy Services (TCS) and the like. As a matter of policy, the syllabi are periodically reviewed and updated every three years. As per this policy we will be reviewing and updating the B.Sc.Honours programme this year.

Unique features


- Application-oriented programme structures.
- Choice Based Credit System (CBCS) mandated by UGC.
- Digitalization of teaching methodology (E-class room, E-notes, LCD, audio-visual aids, etc.)
- Sophisticated seminar and conference hall.
- Fully equipped laboratories.
- Well-stocked libraries.
- Science, cultural and sports club.
- Communication skills development.





About M. S. Swaminathan School of Agriculture

Demand for professionals in Agriculture and Allied sector is growing because of changes in ecological, economic, technological and social environment in the country and abroad. Continuing climate change, degradation of natural resources (land, water, air, forest, flora and fauna), exploitation of mineral resources, increased per-capita income, fast technological development and changing tastes, preferences and nutritional requirement have increased the need for appropriate curriculum, pedagogy and manpower.





Best Practices in Teaching-Learning Methods

Classroom teaching along with Experiential learning

Intensive field visits to study interventions in agricultural and allied sciences

Workshops for transfer of farm technology

Demonstration with farmers in the field

Problem and need based studies

Internship with agricultural input, output and food processing industries, NGOs, farmers' organisations, cooperatives, etc.

Rural Agricultural Work Experience (RAWE) programme



Programmes Offered

Sl. No.	Programmes Offered	Eligibility Criteria	Admission Process	Programme Structure
1.	B.Sc. Agriculture	Higher Secondary / Intermediate (12th or 10+2) examination conducted by any recognised Board with PCB / PCBM / Agriculture (with Science subjects) having 50% marks for general in PCB / PCBM / Agriculture and 40% for reserved categories. OR Diploma in Agriculture	Based on rank obtained in any approved national and state level entrance test. Appropriate lateral entry is also allowed.	Four years full-time course, offered through eight semesters. Right knowledge and skill in different domains of agricultural sciences as major and allied sciences as minor are imparted. A student has to fulfil 156 credits in order to get the degree certificate.
2.	B.Sc Fisheries Science (Under School of Fisheries)	Higher Secondary/Intermediate (12th or 10+2) or an equivalent examination conducted by any recognised Board of Education in India or abroad with PCM (with Science subjects) having 50% marks in PCM for general and 40% for reserved categories.	Based on rank obtained in any approved national and state level entrance test. Appropriate lateral entry is also allowed.	Four years full-time course, offered through eight semesters. It draws on the disciplines of aquaculture including breeding, genetics, biotechnology, fish processing including curing, canning, freezing, fisheries, microbiology and fisheries resource management.
3.	M.Sc. in Agriculture - Genetics & Plant Breeding, Agronomy, Horticulture and Vegetable Science, Agricultural Extension and Communication	Graduate in any AG stream or its equivalent examination conducted by any recognised University/Institution with minimum of 50% throughout career.	Based on rank obtained in any approved national level entrance test and GD and PI performance.	Two years full-time course, offered through eight semesters. Right knowledge and skill are imparted in different domains of farm machineries and power and its operation and maintenance etc.
4.	Ph.D in Agriculture	Details are available on the website	Details are available on the website	Details are available on the website



Department and Laboratory Facilities

Agronomy: deals with the crop production, water management and agricultural meteorology

Horticulture: deals with different horticultural crops and its management

Soil science and agricultural chemistry: deals with various aspects like soil chemistry, soil fertility and nutrient management, agricultural microbiology, manures, fertilizers and agrochemicals

Genetics and Plant Breeding: deals with fundamental knowledge of expression of characters, phenomena at cellular and molecular level, breeding techniques and evaluation of segregating generation for field and horticultural crops.

Plant Pathology: deals with microbiology, plant pathogens and principles of plant pathology, diseases of field crops and management, diseases of horticulture crops and management and mushroom cultivation



Entomology: deals with various aspects like insect morphology, anatomy and systematic, insect ecology and IPM, pests of field crops and sericulture, apiculture and lac culture.

Extension Education: is an applied science consisting of content derived from research, accumulated field experiences and relevant principles drawn from the behavioural science synthesised with useful technology into a body of philosophy, principles, content and methods focussed on the problems of out of school education for adults and youth.

Plant science: consists of plant physiology, seed science and technology, biotechnology and biochemistry.



Unique Features

Imparts education in line with recent advances in agricultural sciences

Conducts need and problem based research

Provides transfer of technology to the farmers

New Age Learning Pedagogy: Focuses on hands-on training, use of activities, videos and PPTs, interactive learning, App based courses, E class rooms and download E- material onto student's tablet.

Learning by doing: Practical projects in every course and in every semester.

Teacher Mentors: Each student is given a faculty as a student mentor for guidance.

Information at fingertips: Pass word protected ERP provides access to attendance, marks in the examination, fee details and course details through internet (can access from mobile phone).

High Student-Teacher Ratio

Strong Linkage with Industry

Financial support to start own venture



Field Preparation



Sowing



Transplantation



Weeding

Training and Placement

M. S. Swaminathan School of Agriculture actively provides placement assistance to every student. The Training and Placement Cell prepares students for placement eligibility assessments through interventions aimed at developing personality, communication, reasoning and aptitude. Lots of MNCs, NCs, Bank, Cooperatives, NGOs and farm based organisations offer ample opportunities with good remuneration.

University Placement Services are responsible for placement for the programme.





About School of Agricultural and Bio-Engineering

The School of Agricultural and Bio-engineering deal cover a vast gamut of farming methods, crops and biological organisms. Agricultural and Bio-engineers work on agricultural equipment designs, find alternative uses for natural resources and discover solutions for problems between farming systems and crops. As an agricultural engineer, you can work across the agriculture value chain in areas such as manufacturing, agri-tech, research and sales. Besides this, students can specialize in emerging areas such as Phyto-pharmaceuticals that are and will remain in high demand for the foreseeable future.

A student-centric pedagogy, project-based approach and design-driven curriculum provides students with an inclination for complex problem solving, design, innovation, and a passion for learning. The mission of the School of Agriculture and Bio-Engineering (SoABE) through its various programmes through its various programmes is to build individuals who possess technical competence, community centricity and are driven to make transformational change. This program is strongly underpinned by application of various digital technologies such as the IoT, Analytics and AI/ML across areas



Programmes Offered

Sl. No.	Programmes Offered	Eligibility Criteria	Admission Process	Programme Structure
1.	B.Tech. Agricultural Engineering	Higher Secondary / Intermediate (12th or 10+2) examination conducted by any recognised Board with PCB / PCBM / Agriculture (with Science subjects) having 50% marks for general in PCB / PCBM / Agriculture and 40% for reserved categories. OR Diploma in Agriculture	Based on rank obtained in any approved national and state level entrance test. Appropriate lateral entry is also allowed.	Four years full-time course, offered through eight semesters. Right knowledge and skill in different domains of agricultural sciences as major and allied sciences as minor are imparted. A student has to fulfil 156 credits in order to get the degree certificate.
2.	B.Tech Dairy Technology	Higher Secondary/Intermediate (12th or 10+2) or an equivalent examination conducted by any recognised Board of Education in India or abroad with PCM (with Science subjects) having 50% marks in PCM for general and 40% for reserved categories.	Based on rank obtained in any approved national and state level entrance test. Appropriate lateral entry is also allowed.	Dairy Technology is an engineering field that deals with the processing of milk and its products. This field involves the use of "Technology" to make the dairy products and processing more advanced, hi-tech and useful.
3.	B.Tech Phytopharma	Higher Secondary/Intermediate (12th or 10+2) in India or abroad with PCM (with Science subjects) having 50% marks in PCM for general and 40% for reserved categories.	Based on rank obtained in any approved national and state level entrance test.	Four years full-time course, in collaboration with Hialaya which provides an in-depth study of natural products, their analysis, value as medicines and regulatory issues controlling their production.



Unique Features

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New Age Learning Pedagogy: Focuses on hands-on training, use of activities, videos and PPTs, interactive learning, App based courses, E class rooms and download E- material onto student's tablet.

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High Student-Teacher Ratio

Strong Linkage with Industry

Financial support to start own venture



Training and Placement

School of Agricultural and Bio-Engineering actively provides placement assistance to every student. The Training and Placement Cell prepares students for placement eligibility assessments through interventions aimed at developing personality, communication, reasoning and aptitude. Lots of MNCs, NCs, Bank, Cooperatives, NGOs and farm based organisations offer ample opportunities with good remuneration.

University Placement Services are responsible for placement for the programme.

About School of Media and Communication

The School of Media and Communications, under the auspices of the Institute of Knowledge Societies at Centurion University is being launched as a complete media school which will offer both Bachelors and Masters degree programmes, short term skill programmes in partnership with the PMKVY scheme of the Ministry of Skill Development and Entrepreneurship, Government of India and industry partnerships with both National and Regional Media. The school will deliver UNESCO's "Model Curriculum for Developing Countries and Emerging Democracies".

We at Centurion, pride ourselves for having implemented the CBCS scheme of the UGC and all our courses are aligned to the National Skill Qualification Framework. The course will be unique in that students will be required to take only 25 to 35 % of the total course load as core courses in the classroom. The student will then be free to choose all other courses from open baskets in any discipline and in practice mode.

Apart from teaching our faculty also engage in outstanding and innovative research. We address crucial issues in the emerging digital world about knowledge construction, political agency, cultures and identities, and governing the media and communications environment. Our work is strongly comparative and transnational. Our engaged and critical approach is committed to strengthening interdisciplinary scholarship drawing on a number of social science disciplines and multi-method approaches to research.



Programmes Offered

Sl. No.	Programmes Offered	Eligibility Criteria	Admission Process	Programme Structure
1.	Bachelor of Arts in Media	Completed Higher Secondary / Intermediate (12th or 10+2) or an equivalent examination conducted by any recognised Board of Education in India or abroad	Priority in admission is Based on percentage of Marks obtained at Higher secondary level	Three years full-time course, offered through six semesters. Proper knowledge and skill in media education. A student has to complete 120 credits
2.	Master of Arts in Media	Completed Bachelor degree examination conducted by any recognised University or board of Education in India or abroad	Priority in admission is Based on percentage of Marks obtained at Bachelors' level	Two years full-time course, offered through four semesters. Proper knowledge and skill in media education. A student has to complete 96 credits



Laboratories

The Centurion Studio:

In order to prepare students to be industry ready, the university has built and equipped full- fledged video and audio studio with the latest technology and software. The studio will be used for teaching as well as production.

Centurion Radio:

Centurion Radio, the university's cloud radio station is dedicated to university's student community. The media and Communication students at this radio station will be trained effectively in radio programme production, radio and sound engineering and radio jockeying, thus preparing them for the a bright future in the industry.

Centurion Press:

For students interested in the print media, Centurion press is a place to explore the word. The students will be trained to become competent print media professionals.



Unique features

Industry ready International standard syllabus with internationally reputed faculty members.

The school uses audio visual technologies to make learning interesting and effective.

Choice based credit system (CBCS) based syllabus.

Specialized training and Internship at reputed national and regional media organizations.

Association with ZEE group and other media, corporate and development organizations for helping students to grab better opportunities.

Well-equipped studios and labs for hands-on training.

About School Pharmacy and Life Sciences

The School of Pharmacy and Life Sciences has programmes to develop diploma, graduate and postgraduate professionals in Pharmacy. It has the vision of optimizing the Pharmacy protocols in the field of Life Sciences. The course covers Computational Biology Bioinformatics), Biotechnology, Microbiology, Botany, Zoology, Environmental Science and other allied sciences. The school has a dedicated team of academicians and practitioners which is committed to producing pharmacists for the 21st century with significant responsibility for managing drug therapy, counseling patients on proper use of medication and monitoring drug therapy outcomes. The school is approved by Pharmacy Council of India, New Delhi

Major Areas of Study

Pharmaceutical Chemistry: Pharmaceutical Chemistry includes study of pharmaceuticals for generic and noble drugs.

Pharmaceutics: Pharmaceutics deals with synthesis and design of new drug molecules and their various formulations as per the official compendia.

Pharmacology: Pharmacology includes human health management and treatment.

Pharmacognosy: For extraction, isolation and the characterization of crude drugs obtained from nature.

Analytical Chemistry: Analytical Chemistry deals with study of Physical and Inorganic Chemistry for synthesis and development of chemical molecules.

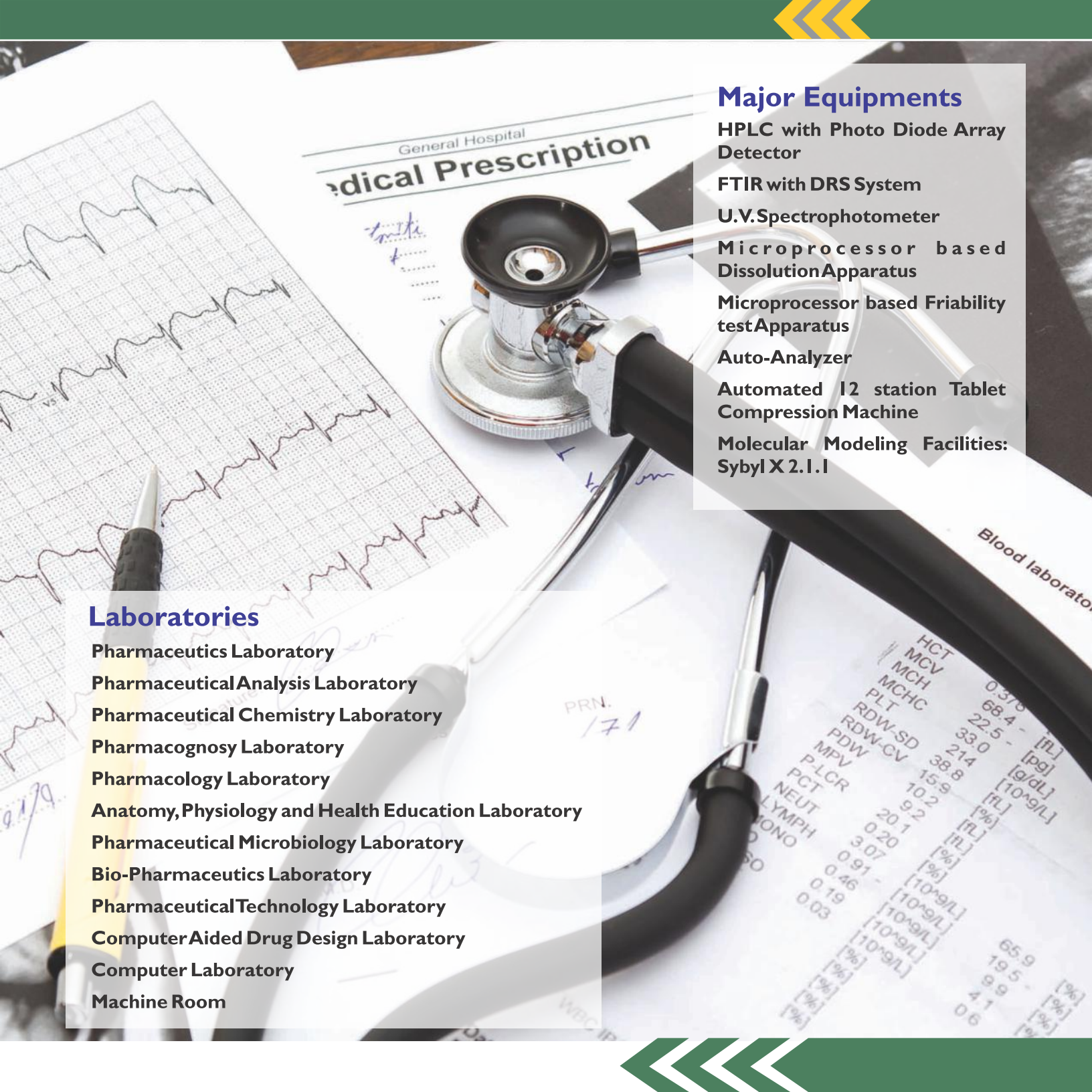
CADD: Computer Aided Drug Design (CADD) includes a platform for computational designing of drugs and pharmacophore with the study of its target interactions.



Programmes Offered

Sl. No.	Programmes Offered	Eligibility Criteria	Admission Process	Programme Structure
1.	Bachelor of Pharmacy	+2 Science with Math or Biology or equivalent (aggregate 45% of mark)	60 students selected based on rank obtained in (CUTM/ OJEE/ NEET or any state equivalent test)	4Years (8 Semesters)
2.	Diploma in Pharmacy	Must completed 10+2 with Physics/ Chemistry/ Math/Biology/Bio Science (aggregate 45% of mark)	60 students selected based on rank obtained in (CUTM/ OJEE/ NEET or any state equivalent test)	2 Years (4 Semesters)

For more details please visit the university website.



Major Equipments

- HPLC with Photo Diode Array Detector
- FTIR with DRS System
- U.V.Spectrophotometer
- Microprocessor based Dissolution Apparatus
- Microprocessor based Friability test Apparatus
- Auto-Analyzer
- Automated 12 station Tablet Compression Machine
- Molecular Modeling Facilities: Sybyl X 2.1.1

Laboratories

- Pharmaceutics Laboratory
- Pharmaceutical Analysis Laboratory
- Pharmaceutical Chemistry Laboratory
- Pharmacognosy Laboratory
- Pharmacology Laboratory
- Anatomy, Physiology and Health Education Laboratory
- Pharmaceutical Microbiology Laboratory
- Bio-Pharmaceutics Laboratory
- Pharmaceutical Technology Laboratory
- Computer Aided Drug Design Laboratory
- Computer Laboratory
- Machine Room

Blood laboratory

HCT	0.378	[TL]
MCV	68.4	[pg]
MCH	22.5	[g/dL]
MCHC	33.0	[10 ⁹ /L]
PLT	214	[10 ⁹ /L]
RDW-SD	38.8	[TL]
RDW-CV	15.9	[TL]
MPV	10.2	[TL]
P-LCR	9.2	[TL]
PCT	20.1	[TL]
NEUT	0.20	[TL]
LYMPH	3.07	[TL]
MONO	0.91	[TL]
...	0.46	[TL]
...	0.19	[TL]
...	0.03	[TL]
...	65.9	[TL]
...	19.5	[TL]
...	9.9	[TL]
...	4.1	[TL]
...	0.6	[TL]





Faculty Resources: The school has faculty from academia and industry with long years of experience who have a number of publications in national and international refereed journals.



About School of Paramedics & Allied Health Sciences

School of Paramedics & Allied Health Sciences, Centurion University is designed as one of the best model paramedical department in Eastern India where raw talents are shaped, guided and polished to emerge as through professionals in the highly competitive knowledge based world. It has been established to play a pivotal role to produce performance oriented professionals who will excel in their respective fields with excellence and shape the destiny of our healthcare industry.



VISION

To craft an internationally competitive & research focused department, open to the needs of the people, while distributing superlative edification and knowledge. To place it in the forefront of research and development, invention, knowledge transfer and human resource development in the global academic field and industry.

MISSION

School of Paramedics & Allied Health Sciences aims to provide trained, qualified, technical personnel in the field of Paramedical Science to support the medical profession. The objective of the Paramedical Science education programme is to ensure that educational opportunities for development of skills. The emphasis of the Paramedical Science education programme is on developing a cadre of small entrepreneurs. This programme conceived as "Total Employment Training for Total Development", focuses on the concept of turning the unskilled to the skilled

Prospects as a Paramedic

After pursuing a course in the field of paramedical science, one can explore various career options available in the medical industry. A paramedic can seek job opportunities in government hospitals, private clinics and trauma centers. Such medical professionals can work as medical lab technicians, radiography technicians, emergency technicians, emergency care practitioners etc.

Besides, they can opt for high - end specialization courses and discover umpteen opportunities in India and abroad. However, being a paramedic is a demanding job as emergency medical services and facilities operate 24x7; thus, professionals in this field must be devoted to their job and willing to work anytime when duty calls.

**100%
Placement
Assistance**

**World Class
Laboratory
Facility**

**Transport
Facility
Available**

**Separate
hostels for
Boys and
Girls**

Features of the School

- Odisha's first university to start Paramedical courses
- Designed as one of the best model paramedical school in Eastern India
- Play pivotal role to produce performance oriented professionals
- Shape the destiny of India's health care industry
- Aims at developing competence
- Providing students with facilities for quality education, complete laboratory training and clinical exposure
- Tied up with GE Healthcare to launch 1 year skill courses focusing on high demand job roles in healthcare sector
- Well equipped high technology laboratories
- Well qualified faculty
- Emphasis on peer support and peer analysis for soft skill acquisition
- Wi-Fi environment with elaborate computer lab
- Availability of medical education software
- Established network with hospitals, diagnostics companies, pharmaceutical companies, and research labs
- Research opportunities

PROGRAMMES OFFERED

Graduate & Post Graduate Programmes

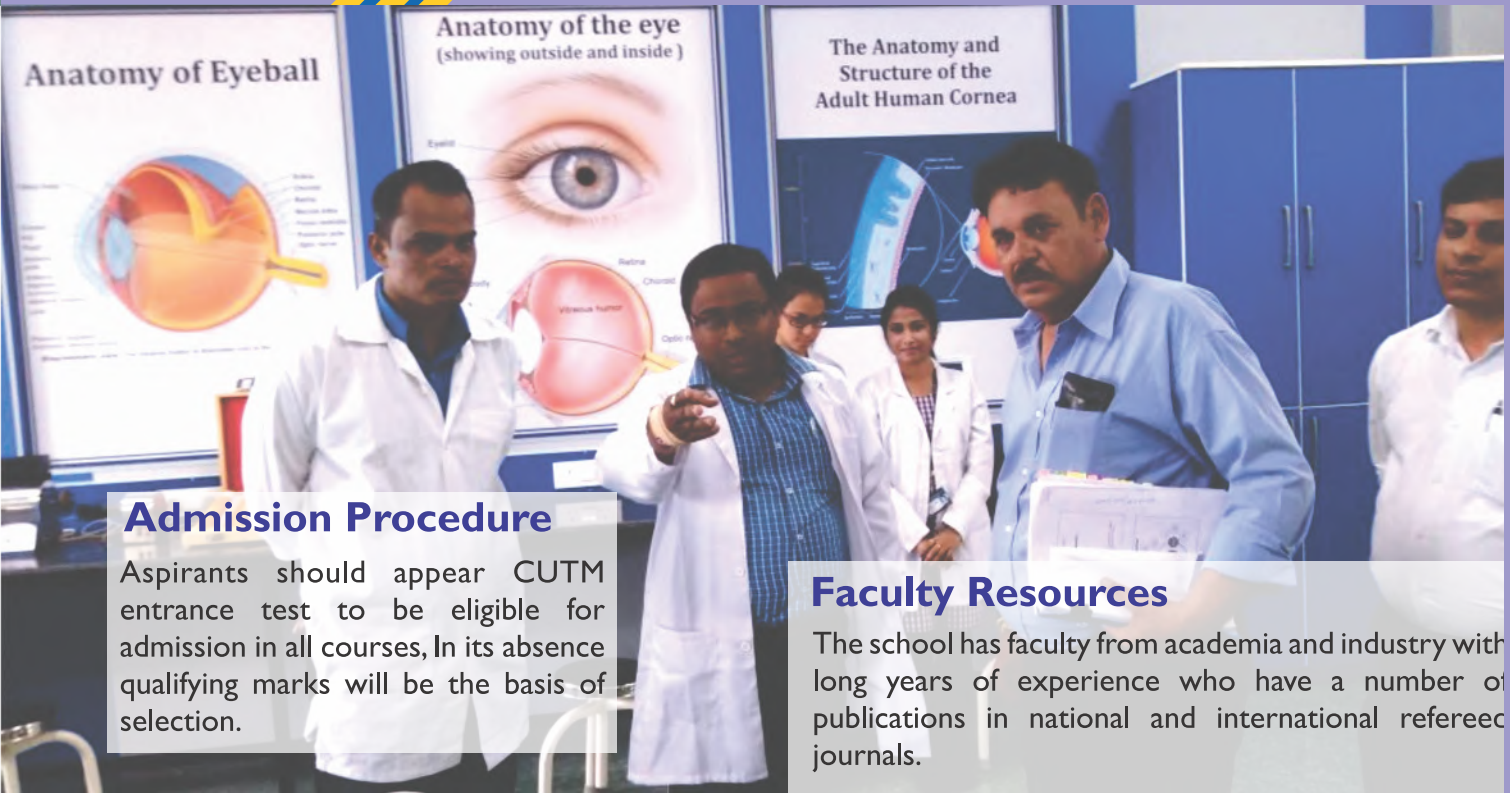
Sl. No.	Programmes Offered	Duration	Eligibility Citerria
1.	B.Sc Optometry	4 Years	+2 Sc. with Biology
2.	B.Sc Radiology Imaging Technology	3 Years	+2 Sc. with Biology
3.	B.Sc Medical Laboratory Technician	3 Years	+2 Sc. with Biology
4.	B.Sc Clinical Microbiology	3 Years	+2 Sc. with Biology
5.	B.Sc Forensic Science (Under School of Forensic Sciences)	3 Years	+2 Sc. with Biology
6.	M.Sc Clinical Microbiology/	2 Years	+3 Sc. with Biology
7.	Medical Laboratory Technician	2 Years	+3 Sc. with Biology
8.	M.Sc Forensic Science (Under School of Forensic Sciences)	2 Years	+3 Sc. with Biology
9.	M.Sc Cyber Security & Digital Forensics (Under School of Forensic Sciences)	2 Years	+3 Sc. with Biology

For more details please visit the university website.



Best Practices in Teaching Learning Methods

This courses designed aims at developing competence and providing students with facilities for quality education, complete laboratory training and clinical exposure. The School has well equipped high technology laboratories and well qualified faculty who not only impart academics but also guide students in their quest for excellence.



Admission Procedure

Aspirants should appear CUTM entrance test to be eligible for admission in all courses, In its absence qualifying marks will be the basis of selection.

Faculty Resources

The school has faculty from academia and industry with long years of experience who have a number of publications in national and international refereed journals.



About School of Forensic Sciences

School of Forensic Sciences under Centurion University of Technology and Management aims at creating much required experts in the field of investigative science with the application of advanced scientific techniques. The aim of the course is to develop a platform wherein various scientific means and methods are applied so that social justice can be brought about within our society.



About School of Vocational Education and Training

The School of Vocational Training (SoVET) trains over 20,000 students a year in various short term skill courses under the umbrella of Gram Tarang Employability Training Services. The school offers courses from one month duration to three years. The longer duration programmes are offered under the University banner.

The University has also signed a MOU with Ministry of Skill Development and Entrepreneurship (MSDE), Government of India, for offering flex-ITI courses throughout the country. All these courses are run with industry collaboration. The school is now well known nationally and internationally and is at the center of the skill integrated higher education system of the University. Most topics are taught in practice mode in E-class rooms.





Best Practices in Teaching-Learning Methods

Industry Integrated Skill Based Courses

Focus on skill education taught in practice mode, offering courses with industry partnerships and latest technical developments.

ICT Integration

Use of ICT in teaching, learning and its examination process has helped in improving learning outcomes and enhancing classroom engagement. The classroom teaching is accompanied by e-content materials by using tablets for making student learning more effective.

Programmes Offered

Sl. No.	Programmes Offered	Eligibility Criteria	Admission Process	Programme Structure
1.	Diploma in Engineering (Diploma)	Pass in HSC examination / 10th standard examination conducted by any state board or equivalent Age: Minimum 14 years for all courses.No Upper Age limit.	Must have appeared in any Diploma Entrance Test for admission to 1st Semester of 3 year Diploma Engineering Courses. In its absence 10th marks will be the basis for selection.	3Years (6 Semesters) with 135 credits.
2.	Diploma in Engineering (Diploma) Lateral Entry	Pass in +2 Science Examination from CHSE, Odisha or its equivalent examination with PCM / +2Vocational (2 years course) in any Engineering Trades / 2 years ITI in Engineering Trade with pass in HSC examination / 10th standard examination conducted / declared equivalent by BSE, Odisha.	Must have appeared in any Diploma Entrance Test for admission to 3rd Semester of 3 year Diploma Engineering Courses. In its absence qualifying exam marks will be the basis for selection.	2Years (4 Semesters) with 90 credits.

School of Vocational Education and Training offers:

1. Diploma in Mechanical Engineering
2. Diploma in Civil Engineering
3. Diploma in Electrical Engineering
4. Diploma in Automobile Engineering
5. Diploma in Mining Engineering
6. Diploma in Computer Science Engineering
7. Diploma in Vocational - Automobile
8. Diploma in Vocational - Electrical Maintenance
9. Diploma in Vocational - Manufacturing



Learn while Earn Concept

The school has production contracts with various companies such as HAL, ISRO, RSB Global and Uniparts. This gives students the unique advantage of working on production jobs while studying.



Live Projects and Entrepreneurship

Students engage in high quality live projects. These projects have garnered widespread attention and accolades. Some of them have been taken up as entrepreneurial ventures backed by Centurion University.

These projects have impressed industry and academia alike. By the end of four years, engineers move from hands-on-skills, through analysis and design to manufacturing, making them consummate professionals.





Admission into Centurion University:

The University conducts the 'Centurion University Entrance Examination' (CUEE) every year all over India. The Entrance examination is needed for Engineering and Agriculture programmes. This year, the test will be conducted online only. Please refer the University website for full details about the fee, procedures and application details.

Please Visit: www.cutm.ac.in

CORPORATE OFFICE:

17, Forest Park,
Bhubaneswar,
PIN – 751009,
Dist: Khurda, Odisha, India.

PARALAKHEMUNDI CAMPUS:

At - Village Alluri Nagar, P.O - R Sitapur, Via - Uppalada,
Paralakhemundi - 761 211, Dist. - Gajapati, Odisha.
Phone: +91 (06815) 222999
Fax: (06815) 222150, 222976

BHUBANESWAR CAMPUS:

At - Ramachandrapur, P.O - Jatni,
Bhubaneswar - 752050, Dist - Khurda, Odisha
Phone: +91 (0674) 2352667
Fax: +91 (0674) 2352433



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Empowering Communities...*

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Empowering Communities...



Centurion University of Technology and Management

NAAC “A” GRADE
AICTE & UGC APPROVED

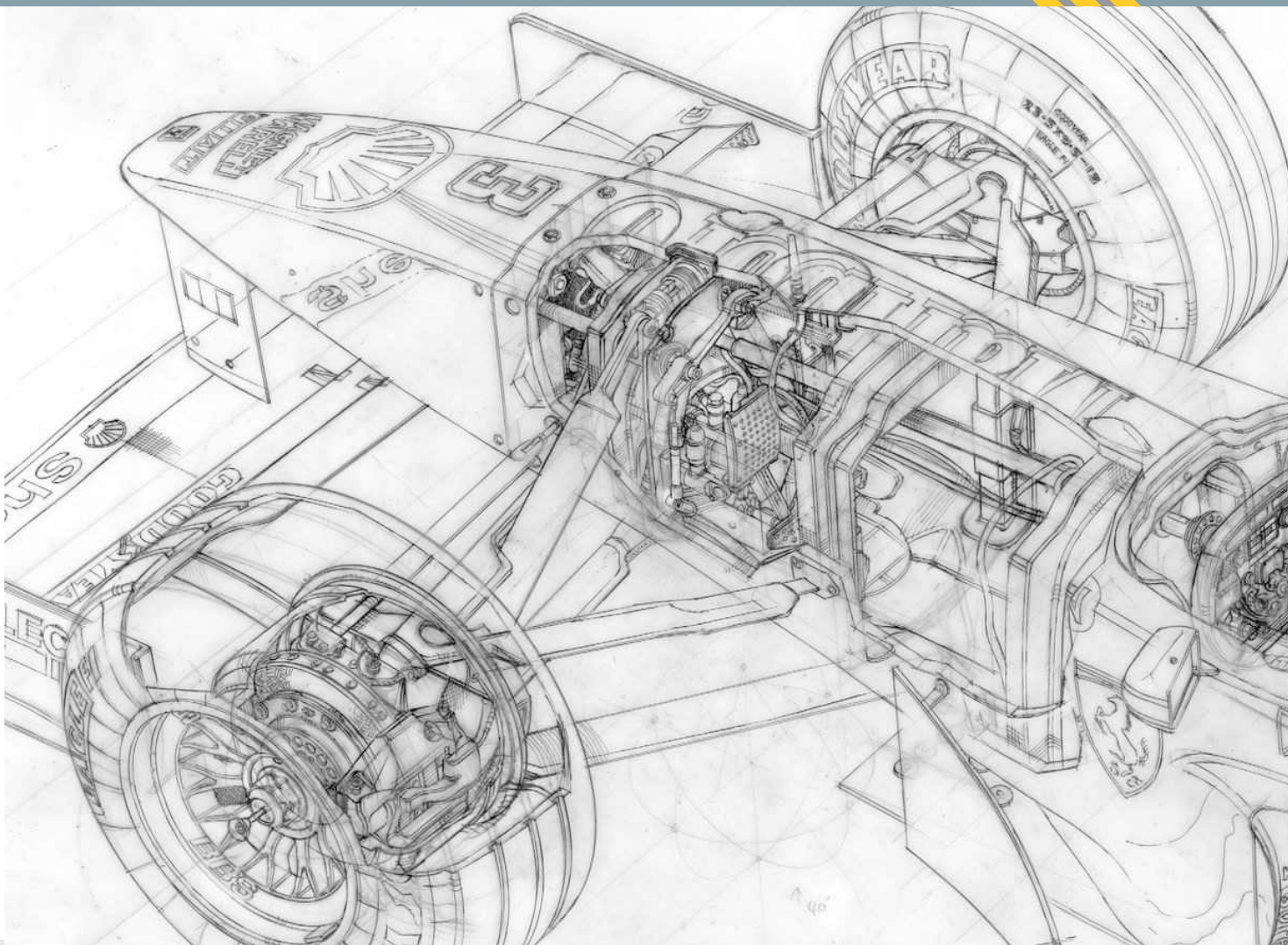


81st Rank - All India (NIRF)*
(Ministry of HRD Initiative, Govt. of India)

MULTI SECTOR STATE UNIVERSITY**

*Constituent Campus - CIT

**Odisha State Act 4 of 2010



About School of Engineering and Technology

The School of Engineering and Technology is the largest school in the Centurion University of Technology and Management (CUTM). The school offers Choice Based Credit System (CBCS) that allows students to study courses from multiple disciplines. The school strives to nurture students to become industry ready. School's programmes are skill integrated and geared towards industrial application domains. It encourages students to pursue higher studies or entrepreneurship. The curriculum is delivered in practice mode through more than twenty industry sponsored laboratories. The school has earned national and international laurels for its skill integration and practice orientation.

Programmes Offered

Sl. No.	Programmes Offered	Eligibility Criteria	Admission Process	Programme Structure
1.	Bachelor of Technology (B.Tech)	Must have passed 10 + 2 (Science with Mathematics) examination or appearing 10 + 2 examination (Science with Mathematics) with 45% aggregate.	Based on the ranks in any nationalized entrance tests CUET / JEEMAIN / EAMCET / WBJEE / Other equivalent Entrance Test.	4 Years (8 Semesters) with 180 credits. CBCS Structure
2.	Bachelor of Technology (B.Tech) Lateral Entry	Passed or appearing in three years full time diploma course in Engineering with at least 50% marks in aggregate from State Council of Technical Education and Training of any state / Universities.	Based on the ranks in any nationalized entrance tests CUET / JEEMAIN / EAMCET / WBJEE / Other equivalent Entrance Test.	3 Years (6 Semesters) with 145 credits. CBCS Structure
3.	Master of Technology (M.Tech)	Must be an Engineering Graduate, MCA/M.Sc (IT/CSE) for CSE Branch.	Through GATE or any other equivalent entrance test or through appropriate experience/merit.	2 Years (4 semesters) Industry Integrated Programme
4.	Ph.D in Engineering		Details are available on the website	

ENGINEERING AND TECHNOLOGY

- B.Tech - Civil Engineering
- B.Tech - Mechanical Engineering
- B.Tech - Computer Science Engineering
- B.Tech - Electronics & Communication Engineering
- B.Tech - Electrical & Electronics Engineering
- M.Tech - Structural Engineering
- M.Tech - Transportation Engineering
- M.Tech - Power System & Control
- Ph.D in Engineering





Choice Based Credit System

Under this system a student has choice of selecting different papers belonging to different baskets

Basket I: Basic Science (Minimum 18 credits)

Basket II: Basic Humanities and Management (Minimum 18 credits)

Basket III: Basic Engineering (Minimum 27 credits)

Basket IV: Core Engineering (Minimum 45 credits)

Basket V: Electives belonging to different domain tracks. Each domain track signifies some industry application area. (Maximum 72 credits)

Students can select their branch of Engineering even in 2nd or 3rd year. Students can also change their branch midway. 45 Credit of course in a particular branch will make the student eligible to claim a specialization in any branch of Engineering. Thus, a student will have the option to claim specialization in more than one branch of Engineering.

CBCS system emphasizes learning on practice and project mode (learning by seeing, learning by doing and learning by discovery) rather than the traditional lecture mode (learning by listening).



Domain Based Curriculum

The school offers domain based courses within the curriculum in association with industry partners. It enables the students to become industry ready by the end of their respective programmes. Domains offered in different branches include:

Mechanical Engineering: Automotive Design, Manufacturing and Welding

Electrical and Electronics Engineering: VLSI and Embedded systems

Electronics and Communication Engineering: Industrial Automation and Control, Data analytics and Internet Security

Civil Engineering: Construction Planning and Project Management, Advanced Surveying using GIS, Computer Aided Design and Drawing

The faculty has both academicians and industry practitioners. Many industry professionals visit Centurion University as visiting faculty. In addition, the school has partnerships with many companies for imparting domain training. The University website has a full listing of all faculty members.



Curriculum and Pedagogical Tools

Industry Integrated Skill Based Courses

Focuses on skill/practice based education and offers courses with industry partnerships keeping in view the latest developments in technology.

Integration of Information and Communications Technology (ICT)

Use of ICT in teaching, learning and assessment has improved learning outcomes and enhanced classroom engagement. E-content is available on tablets. Internships and scholarships are available for higher studies after the completion of degree at the University.



Profile Projector PJ-A3000 Series



Volatile Matter Furnace

Industry Sponsored Laboratories

Eicher Motors, Ashok Leyland, Hyundai Motors and Yamaha sponsored Automotive laboratories

Godrej laboratories in interiors, Refrigeration and Air Conditioning and forklift maintenance

Bharat Earth Movers Limited (BEML) laboratories

Dassault Systems laboratory for Catia, Delmia and Simulia

Skill laboratories in CNC manufacturing, surveying, material testing and Engineering software like Staad Pro, Ansys Pro E supported by **National Skill Development Corporation**

Schneider Electric Electrical Engineering laboratories

Centers of Excellences in **Cisco** Certified Network Associate (CCNA), **(IBM)** Technologies and Oracle Academy

Felder Wood Engineering laboratory

Health Care Engineering laboratory

Small Industries Development Bank Of India (SIDBI) sponsored Industrial Automation Laboratory

Odisha Mining Corporation's laboratories for material quality testing in mining

The school has professional software such as High Frequency Structural Simulator (HFSS), Cadence etc.



Parr Isoperibol Bomb Calorimeter



Bharat Earth Movers Limited (BEML)
Ashok Leyland



Felder
Wood Engineering laboratory



Hydraulic Excavator



Racing Cars

Some of the Student Projects and Entrepreneurship

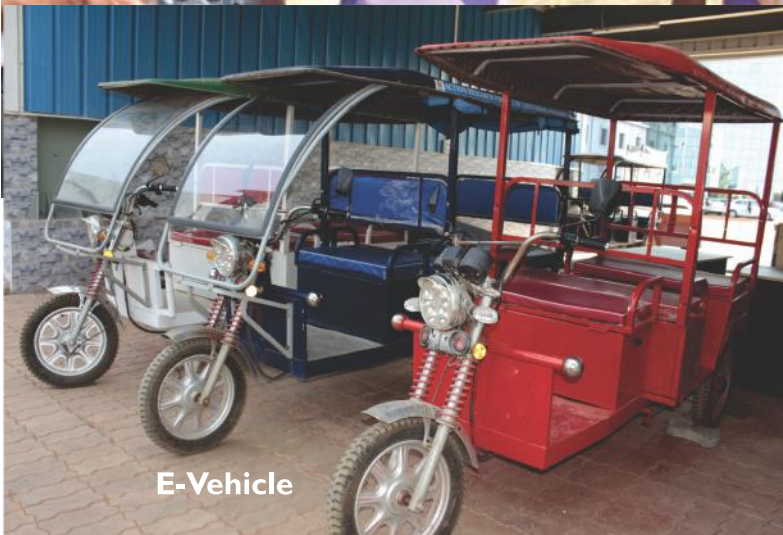
Students participate in high quality live projects. The projects have garnered widespread attention and accolades. Some of these projects have been taken up as entrepreneurial ventures backed by Centurion University. By the end of four years, engineers move from hands-on skills to analysis, design and manufacturing through live projects making them an accomplished professional.



By-plane



Electric Scooter



E-Vehicle



Motorised Bi-Cycle



About School of Management

The School of Management of the University evolved from the Centurion School of Rural Enterprise Management (CSREM). Since inception, nearly a decade ago, its flagship program has been Master of Business Administration (MBA) that focuses on social Entrepreneurship. It has carved a niche for itself in offering high quality Management education in eastern India. It differentiates itself from other Management Schools by offering industry oriented meaningful education with a humane face. The key strength of the school is its experienced and enthusiastic faculty, committed top management, flexible curriculum, experiential learning, digital course content, strong linkage with industry, academia, civil society and government, skill integration and outreach programmes.

Programmes Offered

Sl. No.	Programmes Offered	Eligibility Criteria	Admission Process	Programme Structure
1.	Master of Business Administration in (Marketing, HR, Finance)	Graduate in any stream or its equivalent examination conducted by any recognised University/Institution.	Based on rank obtained in any approved national level entrance test and GD and PI performance.	Two years full-time programme, offered through four semesters, including foundation and functional area courses. In second year, course is divided into two semesters. Students go through advanced topics in different areas of specialization. A student has to fulfil 106 credits in order to get the degree certificate.
2.	Master of Business Administration in Rural & Urban Development Management (RUDM)	Graduate in any stream or its equivalent examination conducted by any recognised University/Institution with minimum of 50% throughout career.	Based on rank obtained in any approved national level entrance test and GD and PI performance.	This is a unique action learning programme. Students are expected to learn from field to class as much as from class to field. Second year is spent interning with a development organization in the chosen field of specialization. A student has to fulfil 106 credits in order to get the degree certificate.
3.	Bachelor of Business Administration (BBA)	+2 Arts/Science/Commerce (Senior Secondary) or its equivalent examination conducted by any recognised Board of Education in India or abroad.	Admission based on percentage of marks in the qualifying examination	Three years, full time programme offered in six semesters. A student has to fulfil 144 credits in order to get the degree certificate.
4.	Bachelor of Commerce (B.Com)	+2 Arts/Science/Commerce (Senior Secondary) or its equivalent examination conducted by any recognised Board of Education in India or abroad.	Admission based on percentage of marks in the qualifying examination	Three years, full time programme offered in six semesters. A student has to fulfil 144 credits in order to get the degree certificate.
5.	Ph.D in Management	As per periodic notification of the University.	As per periodic notification of the University.	

Best Practices in Teaching-Learning Methods

Action Oriented Course with a lot of Field Work and Paid Internship

Experiential Learning: Domain training delivered with outside industry in a weekly basis.

New Age Learning Pedagogy: Focus on hands-on training, use of activities, videos and PPTs, interactive learning, App based courses, E-class rooms and download E- material on your tablet.

Learning by doing: Projects in every course, every semester, Real Practical Projects.

Teacher Mentors: Each student is given a faculty as a student mentor; meet him/her at the earliest opportunity.

Information at Fingertips: Get your ERP pass word and access attendance, results, fee details and course details even from your mobile.

Strong linkage with industry.

MBA (General)

The programme objective is to create management leaders who can navigate the ever-changing business landscape. The curriculum is continuously updated to bring in existing and emerging challenges and opportunities in the business environment. The teaching methods are geared towards experiential learning. This is realised through interactive class room teaching: case analysis, workshop, student projects, industry interactions, etc.

Career Opportunity: After completion of their MBA, students have the option of working in Business Enterprises including manufacturing and services (FMCG, FMCD, telecom, retail, infrastructure, financial services, etc.); or pursuing higher education for a career in teaching and research; or starting own business as an entrepreneur.



MBA (Rural & Urban Development Management) - (RUDM)

The programme aims to prepare a cadre of development professionals with sound managerial skills, right attitude, motivation and sensitivity towards underprivileged sections of the society and social issues, ability to take risk and identify opportunity as a social entrepreneur.

Career Opportunity: After completion of MBA (RUDM) programme, one can serve Non-Government Organizations; Development organizations of Government; Corporate Social Responsibility of Corporates; Funding Agencies and other financial institutions.

Bachelor of Business Administration (BBA)

The course of BBA is an intermediate step towards integrated master's course in management. It aims at catering to the demand for the skilled and chiselled management professional in the industry in general and at all levels in the world of business in particular.

Career Opportunity: After completion of BBA, the graduates can join as frontline executives in Business Enterprise in many sectors or pursue higher education (MBA etc.); or start own business as an entrepreneur.



Bachelor of Commerce (B.Com)

This programme is suitable for students who have just passed 10+2 and looking forward to a career in the business world in general and in accounting and finance functions in particular. Syllabus is designed to provide basic knowledge and skill in commerce.

Career Opportunity: After successful completion, student may pursue MBA, M.Com and other professional courses or join an industry/business.

Placement and Students' Achievements

The School of Management actively provides placement assistance to every student. The Training and Placement Cell prepares students for placement eligibility assessments through interventions aimed at developing personality, communication, reasoning, aptitude and domain knowledge.




About School of Applied Sciences

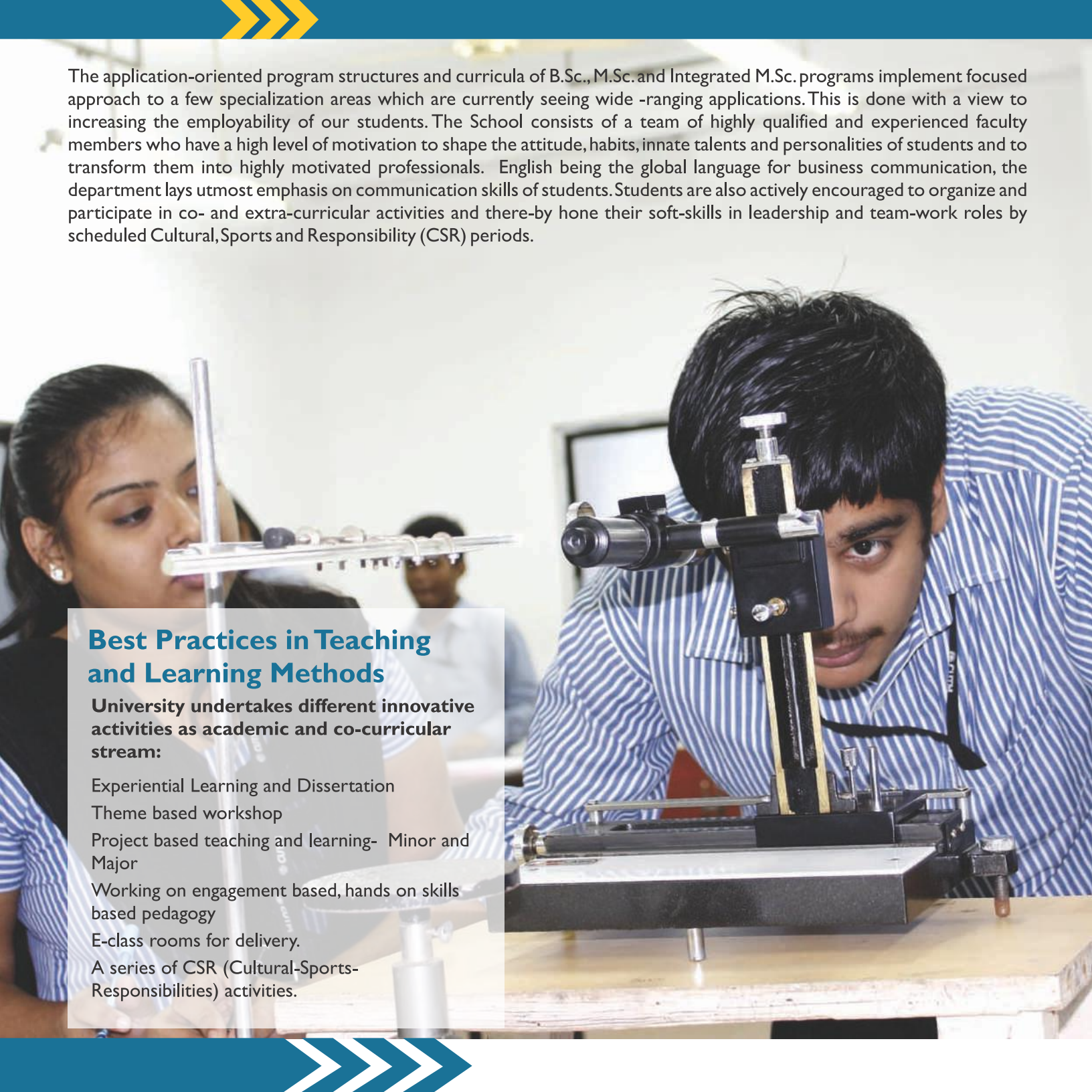
The School of Applied Sciences (SoAs) offers the Bachelor of Science (B.Sc.) and Master of Science (M.Sc.) programmes as per choice based credit system (CBCS).

The school offers two types of Master level programmes:

Integrated M.Sc. programme that consists of a B.Sc. and a M.Sc,
A separate M.Sc. programme.

These programmes are offered from four campuses, (Paralakhemundi, Bhubaneswar, Bolangir and Rayagada). In keeping with the skill orientation of the University, these programmes are application oriented with strong skill integration.





The application-oriented program structures and curricula of B.Sc., M.Sc. and Integrated M.Sc. programs implement focused approach to a few specialization areas which are currently seeing wide -ranging applications. This is done with a view to increasing the employability of our students. The School consists of a team of highly qualified and experienced faculty members who have a high level of motivation to shape the attitude, habits, innate talents and personalities of students and to transform them into highly motivated professionals. English being the global language for business communication, the department lays utmost emphasis on communication skills of students. Students are also actively encouraged to organize and participate in co- and extra-curricular activities and there-by hone their soft-skills in leadership and team-work roles by scheduled Cultural, Sports and Responsibility (CSR) periods.

Best Practices in Teaching and Learning Methods

University undertakes different innovative activities as academic and co-curricular stream:

Experiential Learning and Dissertation

Theme based workshop

Project based teaching and learning- Minor and Major

Working on engagement based, hands on skills based pedagogy

E-class rooms for delivery.

A series of CSR (Cultural-Sports-Responsibilities) activities.

Programmes Offered

Bachelor of Science (B.Sc.) & BCA:

This is a three/four years programme as per choice based credit system (CBCS).

Sl. No.	Programmes Offered	Eligibility Criteria	Admission Process	Programme Structure
1.	B.Sc. (Physics, Chemistry, Mathematics, Botany, Zoology) Bachelor of Computer Application (BCA)	The candidates who have successfully completed 10 + 2 or equivalent with minimum 45% in Physics, Chemistry, Biology or Mathematics, Computer for BCA and pass in English	*Application form and prospectus will be available online. See website for details Selection is based on Merit wise on interview basis	Three years program and it consists of six semesters. The first five semesters of B.Sc. and BCA programmes profoundly emphasizes on the core and specialization subjects, and there is a seminar presentation in the last semester.

Master of Science (M.Sc.):

This is a two years' programme and it consists of four semesters as per choice based credit system (CBCS).

Sl. No.	Programmes Offered	Eligibility Criteria	Admission Process	Programme Structure
1.	M.Sc. (Applied Physics, Applied Chemistry, Applied Mathematics, Botany, Zoology)	The candidates successfully completed B.Sc. or equivalent in Physics, Chemistry, Biology or Mathematics and pass in English	*Application form and prospectus will be available online and also at the Bhubaneswar Admission Office: Centurion University, HIG-5, BDA Duplex, Phase-I, Pokhariput, Bhubaneswar-751020, Odisha.	Two years program and it consists of four semesters. The first two semesters of M.Sc. programme strongly emphasizes on core-subjects and the specialization subjects in last two semesters. There is a minor project and major projects in third and fourth semesters respectively.
2.	Ph.D in Science		Details are available on the website	Details are available on the website





Interdepartmental Collaborations

Besides these programmes, the University also offers courses in inter-disciplinary areas like Science and Engineering. Many courses are integrated with the School of Engineering as well as Management. The syllabi of the programmes are duly approved by the Academic Council of the University, under the guidance and participation of academic Institutions of repute such as NISER, IIT, R&D and industry partners like Infosys, Tata Consultancy Services (TCS) and the like. As a matter of policy, the syllabi are periodically reviewed and updated every three years. As per this policy we will be reviewing and updating the B.Sc.Honours programme this year.

Unique features


- Application-oriented programme structures.
- Choice Based Credit System (CBCS) mandated by UGC.
- Digitalization of teaching methodology (E-class room, E-notes, LCD, audio-visual aids, etc.)
- Sophisticated seminar and conference hall.
- Fully equipped laboratories.
- Well-stocked libraries.
- Science, cultural and sports club.
- Communication skills development.





About M. S. Swaminathan School of Agriculture

Demand for professionals in Agriculture and Allied sector is growing because of changes in ecological, economic, technological and social environment in the country and abroad. Continuing climate change, degradation of natural resources (land, water, air, forest, flora and fauna), exploitation of mineral resources, increased per-capita income, fast technological development and changing tastes, preferences and nutritional requirement have increased the need for appropriate curriculum, pedagogy and manpower.





Best Practices in Teaching-Learning Methods

Classroom teaching along with Experiential learning

Intensive field visits to study interventions in agricultural and allied sciences

Workshops for transfer of farm technology

Demonstration with farmers in the field

Problem and need based studies

Internship with agricultural input, output and food processing industries, NGOs, farmers' organisations, cooperatives, etc.

Rural Agricultural Work Experience (RAWE) programme



Programmes Offered

Sl. No.	Programmes Offered	Eligibility Criteria	Admission Process	Programme Structure
1.	B.Sc. Agriculture	Higher Secondary / Intermediate (12th or 10+2) examination conducted by any recognised Board with PCB / PCBM / Agriculture (with Science subjects) having 50% marks for general in PCB / PCBM / Agriculture and 40% for reserved categories. OR Diploma in Agriculture	Based on rank obtained in any approved national and state level entrance test. Appropriate lateral entry is also allowed.	Four years full-time course, offered through eight semesters. Right knowledge and skill in different domains of agricultural sciences as major and allied sciences as minor are imparted. A student has to fulfil 156 credits in order to get the degree certificate.
2.	B.Sc Fisheries Science (Under School of Fisheries)	Higher Secondary/Intermediate (12th or 10+2) or an equivalent examination conducted by any recognised Board of Education in India or abroad with PCM (with Science subjects) having 50% marks in PCM for general and 40% for reserved categories.	Based on rank obtained in any approved national and state level entrance test. Appropriate lateral entry is also allowed.	Four years full-time course, offered through eight semesters. It draws on the disciplines of aquaculture including breeding, genetics, biotechnology, fish processing including curing, canning, freezing, fisheries, microbiology and fisheries resource management.
3.	M.Sc. in Agriculture - Genetics & Plant Breeding, Agronomy, Horticulture and Vegetable Science, Agricultural Extension and Communication	Graduate in any AG stream or its equivalent examination conducted by any recognised University/Institution with minimum of 50% throughout career.	Based on rank obtained in any approved national level entrance test and GD and PI performance.	Two years full-time course, offered through eight semesters. Right knowledge and skill are imparted in different domains of farm machineries and power and its operation and maintenance etc.
4.	Ph.D in Agriculture	Details are available on the website	Details are available on the website	Details are available on the website



Department and Laboratory Facilities

Agronomy: deals with the crop production, water management and agricultural meteorology

Horticulture: deals with different horticultural crops and its management

Soil science and agricultural chemistry: deals with various aspects like soil chemistry, soil fertility and nutrient management, agricultural microbiology, manures, fertilizers and agrochemicals

Genetics and Plant Breeding: deals with fundamental knowledge of expression of characters, phenomena at cellular and molecular level, breeding techniques and evaluation of segregating generation for field and horticultural crops.

Plant Pathology: deals with microbiology, plant pathogens and principles of plant pathology, diseases of field crops and management, diseases of horticulture crops and management and mushroom cultivation



Entomology: deals with various aspects like insect morphology, anatomy and systematic, insect ecology and IPM, pests of field crops and sericulture, apiculture and lac culture.

Extension Education: is an applied science consisting of content derived from research, accumulated field experiences and relevant principles drawn from the behavioural science synthesised with useful technology into a body of philosophy, principles, content and methods focussed on the problems of out of school education for adults and youth.

Plant science: consists of plant physiology, seed science and technology, biotechnology and biochemistry.



Unique Features

Imparts education in line with recent advances in agricultural sciences

Conducts need and problem based research

Provides transfer of technology to the farmers

New Age Learning Pedagogy: Focuses on hands-on training, use of activities, videos and PPTs, interactive learning, App based courses, E class rooms and download E- material onto student's tablet.

Learning by doing: Practical projects in every course and in every semester.

Teacher Mentors: Each student is given a faculty as a student mentor for guidance.

Information at fingertips: Pass word protected ERP provides access to attendance, marks in the examination, fee details and course details through internet (can access from mobile phone).

High Student-Teacher Ratio

Strong Linkage with Industry

Financial support to start own venture



Field Preparation



Sowing



Transplantation



Weeding

Training and Placement

M. S. Swaminathan School of Agriculture actively provides placement assistance to every student. The Training and Placement Cell prepares students for placement eligibility assessments through interventions aimed at developing personality, communication, reasoning and aptitude. Lots of MNCs, NCs, Bank, Cooperatives, NGOs and farm based organisations offer ample opportunities with good remuneration.

University Placement Services are responsible for placement for the programme.





About School of Agricultural and Bio-Engineering

The School of Agricultural and Bio-engineering deal cover a vast gamut of farming methods, crops and biological organisms. Agricultural and Bio-engineers work on agricultural equipment designs, find alternative uses for natural resources and discover solutions for problems between farming systems and crops. As an agricultural engineer, you can work across the agriculture value chain in areas such as manufacturing, agri-tech, research and sales. Besides this, students can specialize in emerging areas such as Phyto-pharmaceuticals that are and will remain in high demand for the foreseeable future.

A student-centric pedagogy, project-based approach and design-driven curriculum provides students with an inclination for complex problem solving, design, innovation, and a passion for learning. The mission of the School of Agriculture and Bio-Engineering (SoABE) through its various programmes through its various programmes is to build individuals who possess technical competence, community centricity and are driven to make transformational change. This program is strongly underpinned by application of various digital technologies such as the IoT, Analytics and AI/ML across areas



Programmes Offered

Sl. No.	Programmes Offered	Eligibility Criteria	Admission Process	Programme Structure
1.	B.Tech. Agricultural Engineering	Higher Secondary / Intermediate (12th or 10+2) examination conducted by any recognised Board with PCB / PCBM / Agriculture (with Science subjects) having 50% marks for general in PCB / PCBM / Agriculture and 40% for reserved categories. OR Diploma in Agriculture	Based on rank obtained in any approved national and state level entrance test. Appropriate lateral entry is also allowed.	Four years full-time course, offered through eight semesters. Right knowledge and skill in different domains of agricultural sciences as major and allied sciences as minor are imparted. A student has to fulfil 156 credits in order to get the degree certificate.
2.	B.Tech Dairy Technology	Higher Secondary/Intermediate (12th or 10+2) or an equivalent examination conducted by any recognised Board of Education in India or abroad with PCM (with Science subjects) having 50% marks in PCM for general and 40% for reserved categories.	Based on rank obtained in any approved national and state level entrance test. Appropriate lateral entry is also allowed.	Dairy Technology is an engineering field that deals with the processing of milk and its products. This field involves the use of "Technology" to make the dairy products and processing more advanced, hi-tech and useful.



Unique Features

Imparts education in line with recent advances in agricultural sciences

Conducts need and problem based research

Provides transfer of technology to the farmers

New Age Learning Pedagogy: Focuses on hands-on training, use of activities, videos and PPTs, interactive learning, App based courses, E class rooms and download E- material onto student's tablet.

Learning by doing: Practical projects in every course and in every semester.

Teacher Mentors: Each student is given a faculty as a student mentor for guidance.

Information at fingertips: Pass word protected ERP provides access to attendance, marks in the examination, fee details and course details through internet (can access from mobile phone).

High Student-Teacher Ratio

Strong Linkage with Industry

Financial support to start own venture



Training and Placement

School of Agricultural and Bio-Engineering actively provides placement assistance to every student. The Training and Placement Cell prepares students for placement eligibility assessments through interventions aimed at developing personality, communication, reasoning and aptitude. Lots of MNCs, NCs, Bank, Cooperatives, NGOs and farm based organisations offer ample opportunities with good remuneration.

University Placement Services are responsible for placement for the programme.

About School of Media and Communication

The School of Media and Communications, under the auspices of the Institute of Knowledge Societies at Centurion University is being launched as a complete media school which will offer both Bachelors and Masters degree programmes, short term skill programmes in partnership with the PMKVY scheme of the Ministry of Skill Development and Entrepreneurship, Government of India and industry partnerships with both National and Regional Media. The school will deliver UNESCO's "Model Curriculum for Developing Countries and Emerging Democracies".

We at Centurion, pride ourselves for having implemented the CBCS scheme of the UGC and all our courses are aligned to the National Skill Qualification Framework. The course will be unique in that students will be required to take only 25 to 35 % of the total course load as core courses in the classroom. The student will then be free to choose all other courses from open baskets in any discipline and in practice mode.

Apart from teaching our faculty also engage in outstanding and innovative research. We address crucial issues in the emerging digital world about knowledge construction, political agency, cultures and identities, and governing the media and communications environment. Our work is strongly comparative and transnational. Our engaged and critical approach is committed to strengthening interdisciplinary scholarship drawing on a number of social science disciplines and multi-method approaches to research.



Programmes Offered

Sl. No.	Programmes Offered	Eligibility Criteria	Admission Process	Programme Structure
1.	Bachelor of Arts in Media	Completed Higher Secondary / Intermediate (12th or 10+2) or an equivalent examination conducted by any recognised Board of Education in India or abroad	Priority in admission is Based on percentage of Marks obtained at Higher secondary level	Three years full-time course, offered through six semesters. Proper knowledge and skill in media education. A student has to complete 120 credits
2.	Master of Arts in Media	Completed Bachelor degree examination conducted by any recognised University or board of Education in India or abroad	Priority in admission is Based on percentage of Marks obtained at Bachelors' level	Two years full-time course, offered through four semesters. Proper knowledge and skill in media education. A student has to complete 96 credits



Laboratories

The Centurion Studio:

In order to prepare students to be industry ready, the university has built and equipped full- fledged video and audio studio with the latest technology and software. The studio will be used for teaching as well as production.

Centurion Radio:

Centurion Radio, the university's cloud radio station is dedicated to university's student community. The media and Communication students at this radio station will be trained effectively in radio programme production, radio and sound engineering and radio jockeying, thus preparing them for the a bright future in the industry.

Centurion Press:

For students interested in the print media, Centurion press is a place to explore the word. The students will be trained to become competent print media professionals.



Unique features

Industry ready International standard syllabus with internationally reputed faculty members.

The school uses audio visual technologies to make learning interesting and effective.

Choice based credit system (CBCS) based syllabus.

Specialized training and Internship at reputed national and regional media organizations.

Association with ZEE group and other media, corporate and development organizations for helping students to grab better opportunities.

Well-equipped studios and labs for hands-on training.

About School Pharmacy and Life Sciences

The School of Pharmacy and Life Sciences has programmes to develop diploma, graduate and postgraduate professionals in Pharmacy. It has the vision of optimizing the Pharmacy protocols in the field of Life Sciences. The course covers Computational Biology Bioinformatics), Biotechnology, Microbiology, Botany, Zoology, Environmental Science and other allied sciences. The school has a dedicated team of academicians and practitioners which is committed to producing pharmacists for the 21st century with significant responsibility for managing drug therapy, counseling patients on proper use of medication and monitoring drug therapy outcomes. The school is approved by Pharmacy Council of India, New Delhi

Major Areas of Study

Pharmaceutical Chemistry: Pharmaceutical Chemistry includes study of pharmaceuticals for generic and noble drugs.

Pharmaceutics: Pharmaceutics deals with synthesis and design of new drug molecules and their various formulations as per the official compendia.

Pharmacology: Pharmacology includes human health management and treatment.

Pharmacognosy: For extraction, isolation and the characterization of crude drugs obtained from nature.

Analytical Chemistry: Analytical Chemistry deals with study of Physical and Inorganic Chemistry for synthesis and development of chemical molecules.

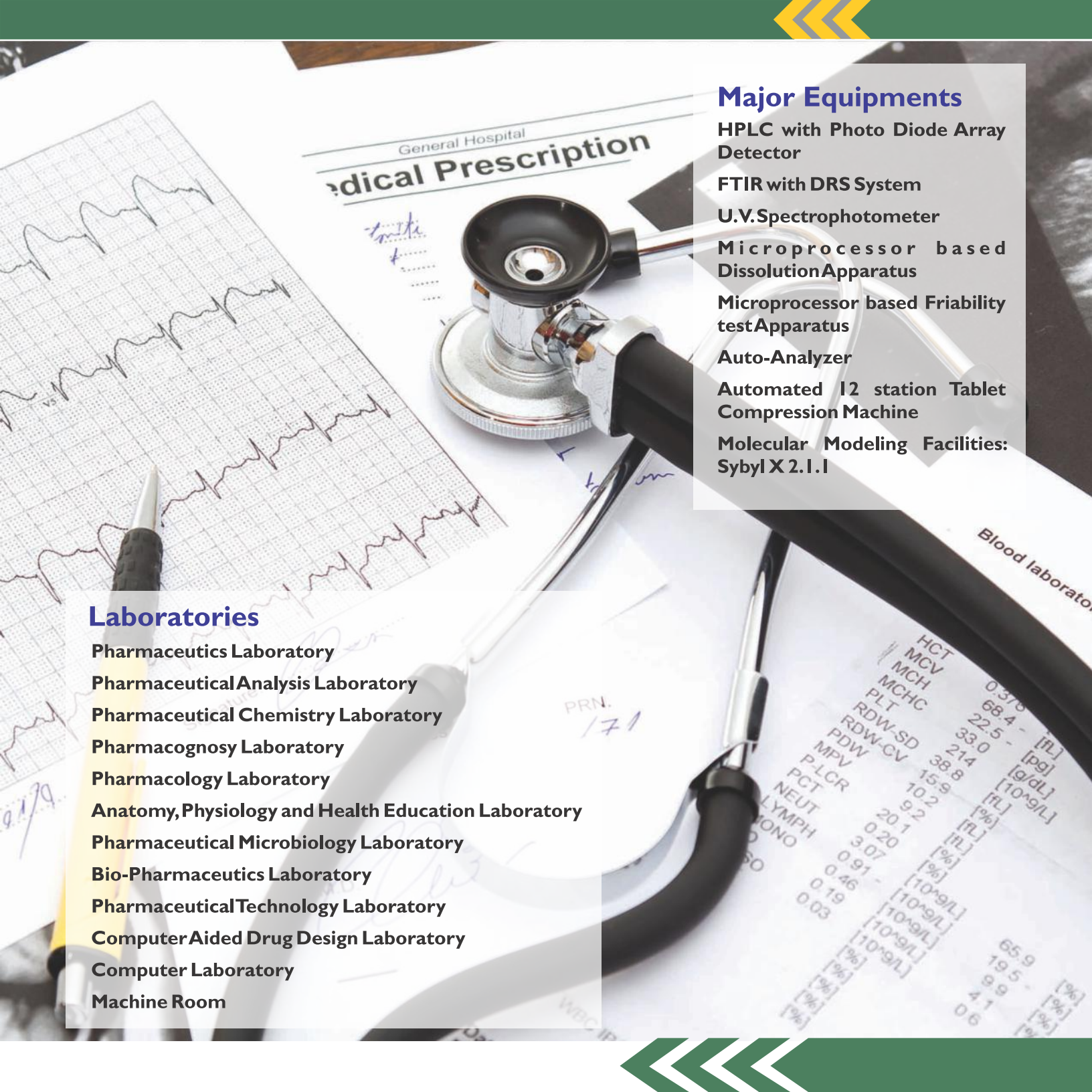
CADD: Computer Aided Drug Design (CADD) includes a platform for computational designing of drugs and pharmacophore with the study of its target interactions.



Programmes Offered

Sl. No.	Programmes Offered	Eligibility Criteria	Admission Process	Programme Structure
1.	B.Pharmacy	+2 Science with Math or Biology or equivalent (aggregate 45% of mark)	60 students selected based on rank obtained in (CUTM/ OJEE/ NEET or any state equivalent test)	4Years (8 Semesters)
2.	Diploma in Pharmacy	Must completed 10+2 with Physics/ Chemistry/ Math/Biology/Bio Science (aggregate 45% of mark)	60 students selected based on rank obtained in (CUTM/ OJEE/ NEET or any state equivalent test)	2 Years (4 Semesters)

For more details please visit the university website.



Major Equipments

- HPLC with Photo Diode Array Detector
- FTIR with DRS System
- U.V.Spectrophotometer
- Microprocessor based Dissolution Apparatus
- Microprocessor based Friability test Apparatus
- Auto-Analyzer
- Automated 12 station Tablet Compression Machine
- Molecular Modeling Facilities: Sybyl X 2.1.1

Laboratories

- Pharmaceutics Laboratory
- Pharmaceutical Analysis Laboratory
- Pharmaceutical Chemistry Laboratory
- Pharmacognosy Laboratory
- Pharmacology Laboratory
- Anatomy, Physiology and Health Education Laboratory
- Pharmaceutical Microbiology Laboratory
- Bio-Pharmaceutics Laboratory
- Pharmaceutical Technology Laboratory
- Computer Aided Drug Design Laboratory
- Computer Laboratory
- Machine Room

Blood laboratory

HCT	0.378	[TL]
MCV	68.4	[pg]
MCH	22.5	[g/dL]
MCHC	33.0	[10 ⁹ /L]
PLT	214	[10 ⁹ /L]
RDW-SD	38.8	[TL]
RDW-CV	15.9	[TL]
MPV	10.2	[TL]
P-LCR	9.2	[TL]
PCT	20.1	[TL]
NEUT	0.20	[TL]
LYMPH	3.07	[TL]
MONO	0.91	[TL]
...	0.46	[TL]
...	0.19	[TL]
...	0.03	[TL]
...	65.9	[TL]
...	19.5	[TL]
...	9.9	[TL]
...	4.1	[TL]
...	0.6	[TL]





Faculty Resources: The school has faculty from academia and industry with long years of experience who have a number of publications in national and international refereed journals.



About School of Paramedics & Allied Health Sciences

School of Paramedics & Allied Health Sciences, Centurion University is designed as one of the best model paramedical department in Eastern India where raw talents are shaped, guided and polished to emerge as through professionals in the highly competitive knowledge based world. It has been established to play a pivotal role to produce performance oriented professionals who will excel in their respective fields with excellence and shape the destiny of our healthcare industry.



VISION

To craft an internationally competitive & research focused department, open to the needs of the people, while distributing superlative edification and knowledge. To place it in the forefront of research and development, invention, knowledge transfer and human resource development in the global academic field and industry.

MISSION

School of Paramedics & Allied Health Sciences aims to provide trained, qualified, technical personnel in the field of Paramedical Science to support the medical profession. The objective of the Paramedical Science education programme is to ensure that educational opportunities for development of skills. The emphasis of the Paramedical Science education programme is on developing a cadre of small entrepreneurs. This programme conceived as "Total Employment Training for Total Development", focuses on the concept of turning the unskilled to the skilled

Prospects as a Paramedic

After pursuing a course in the field of paramedical science, one can explore various career options available in the medical industry. A paramedic can seek job opportunities in government hospitals, private clinics and trauma centers. Such medical professionals can work as medical lab technicians, radiography technicians, emergency technicians, emergency care practitioners etc.

Besides, they can opt for high - end specialization courses and discover umpteen opportunities in India and abroad. However, being a paramedic is a demanding job as emergency medical services and facilities operate 24x7; thus, professionals in this field must be devoted to their job and willing to work anytime when duty calls.

**100%
Placement
Assistance**

**World Class
Laboratory
Facility**

**Transport
Facility
Available**

**Separate
hostels for
Boys and
Girls**

Features of the School

- Odisha's first university to start Paramedical courses
- Designed as one of the best model paramedical school in Eastern India
- Play pivotal role to produce performance oriented professionals
- Shape the destiny of India's health care industry
- Aims at developing competence
- Providing students with facilities for quality education, complete laboratory training and clinical exposure
- Tied up with GE Healthcare to launch 1 year skill courses focusing on high demand job roles in healthcare sector
- Well equipped high technology laboratories
- Well qualified faculty
- Emphasis on peer support and peer analysis for soft skill acquisition
- Wi-Fi environment with elaborate computer lab
- Availability of medical education software
- Established network with hospitals, diagnostics companies, pharmaceutical companies, and research labs
- Research opportunities

PROGRAMMES OFFERED

Graduate & Post Graduation Programmes

Sl. No.	Programmes Offered	Duration	Eligibility Citerria
1.	B.Sc Optometry	4 Years	+2 Sc. with Biology
2.	B.Sc Radiology Imaging Technology	3 Years	+2 Sc. with Biology
3.	B.Sc Medical Laboratory Technician	3 Years	+2 Sc. with Biology
4.	B.Sc Clinical Microbiology	3 Years	+2 Sc. with Biology
5.	M.Sc Clinical Microbiology	2 Years	+3 Sc. with Biology
6.	Medical Laboratory Technician		+3 Sc. with Biology
7.	M.Sc Forensic Science (Under School of Forensic Sciences)	2 Years	+3 Sc. with Biology

For more details please visit the university website.



Best Practices in Teaching Learning Methods

This courses designed aims at developing competence and providing students with facilities for quality education, complete laboratory training and clinical exposure. The School has well equipped high technology laboratories and well qualified faculty who not only impart academics but also guide students in their quest for excellence.



Admission Procedure

Aspirants should appear CUTM entrance test to be eligible for admission in all courses, In its absence qualifying marks will be the basis of selection.

Faculty Resources

The school has faculty from academia and industry with long years of experience who have a number of publications in national and international refereed journals.



M.Sc. Forensic Sciences

School of Forensic Sciences under Centurion University of Technology and Management aims at creating much required experts in the field of investigative science with the application of advanced scientific techniques. The aim of the course is to develop a platform wherein various scientific means and methods are applied so that social justice can be brought about within our society.



About School of Vocational Education and Training

The School of Vocational Training (SoVET) trains over 20,000 students a year in various short term skill courses under the umbrella of Gram Tarang Employability Training Services. The school offers courses from one month duration to three years. The longer duration programmes are offered under the University banner.

The University has also signed a MOU with Ministry of Skill Development and Entrepreneurship (MSDE), Government of India, for offering flex-ITI courses throughout the country. All these courses are run with industry collaboration. The school is now well known nationally and internationally and is at the center of the skill integrated higher education system of the University. Most topics are taught in practice mode in E-class rooms.





Best Practices in Teaching-Learning Methods

Industry Integrated Skill Based Courses

Focus on skill education taught in practice mode, offering courses with industry partnerships and latest technical developments.

ICT Integration

Use of ICT in teaching, learning and its examination process has helped in improving learning outcomes and enhancing classroom engagement. The classroom teaching is accompanied by e-content materials by using tablets for making student learning more effective.

Programmes Offered

Sl. No.	Programmes Offered	Eligibility Criteria	Admission Process	Programme Structure
1.	Diploma in Engineering (Diploma)	Pass in HSC examination / 10th standard examination conducted by any state board or equivalent Age: Minimum 14 years for all courses.No Upper Age limit.	Must have appeared in any Diploma Entrance Test for admission to 1st Semester of 3 year Diploma Engineering Courses. In its absence 10th marks will be the basis for selection.	3Years (6 Semesters) with 135 credits.
2.	Diploma in Engineering (Diploma) Lateral Entry	Pass in +2 Science Examination from CHSE, Odisha or its equivalent examination with PCM / +2Vocational (2 years course) in any Engineering Trades / 2 years ITI in Engineering Trade with pass in HSC examination / 10th standard examination conducted / declared equivalent by BSE, Odisha.	Must have appeared in any Diploma Entrance Test for admission to 3rd Semester of 3 year Diploma Engineering Courses. In its absence qualifying exam marks will be the basis for selection.	2Years (4 Semesters) with 90 credits.

School of Vocational Education and Training offers:

1. Diploma in Mechanical Engineering
2. Diploma in Civil Engineering
3. Diploma in Electrical Engineering
4. Diploma in Automobile Engineering
5. Diploma in Mining Engineering



Learn while Earn Concept

The school has production contracts with various companies such as HAL, ISRO, RSB Global and Uniparts. This gives students the unique advantage of working on production jobs while studying.



Live Projects and Entrepreneurship

Students engage in high quality live projects. These projects have garnered widespread attention and accolades. Some of them have been taken up as entrepreneurial ventures backed by Centurion University.

These projects have impressed industry and academia alike. By the end of four years, engineers move from hands-on-skills, through analysis and design to manufacturing, making them consummate professionals.





Admission into Centurion University:

The University conducts the 'Centurion University Entrance Examination' (CUEE) every year all over India. The Entrance examination is needed for Engineering and Agriculture programmes. This year, the test will be conducted online only. Please refer the University website for full details about the fee, procedures and application details.

Please Visit: www.cutm.ac.in

CORPORATE OFFICE:

17, Forest Park,
Bhubaneswar,
PIN – 751009,
Dist: Khurda, Odisha, India.

PARALAKHEMUNDI CAMPUS:

At - Village Alluri Nagar, P.O - R Sitapur, Via - Uppalada,
Paralakhemundi - 761 211, Dist. - Gajapati, Odisha.
Phone: +91 (06815) 222999
Fax: (06815) 222150, 222976

BHUBANESWAR CAMPUS:

At - Ramachandrapur, P.O - Jatni,
Bhubaneswar - 752050, Dist - Khurda, Odisha
Phone: +91 (0674) 2352667
Fax: +91 (0674) 2352433



Centurion
UNIVERSITY

*Shaping Lives...
Empowering Communities...*

Schools:

ENGINEERING | MANAGEMENT | AGRICULTURE | APPLIED SCIENCES | PHARMACY | FORENSIC SCIENCE | FISHERIES
PARAMEDICS & ALLIED HEALTH SCIENCES | MEDIA & COMMUNICATION | VOCATIONAL EDUCATION & TRAINING



centurionuniveristy

E-Mail: join@cutm.ac.in



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Information Brochure 2017-18



Centurion
UNIVERSITY

Shaping Lives...
Empowering Communities...



Centurion University of Technology and Management

NAAC “A” GRADE
AICTE & UGC APPROVED

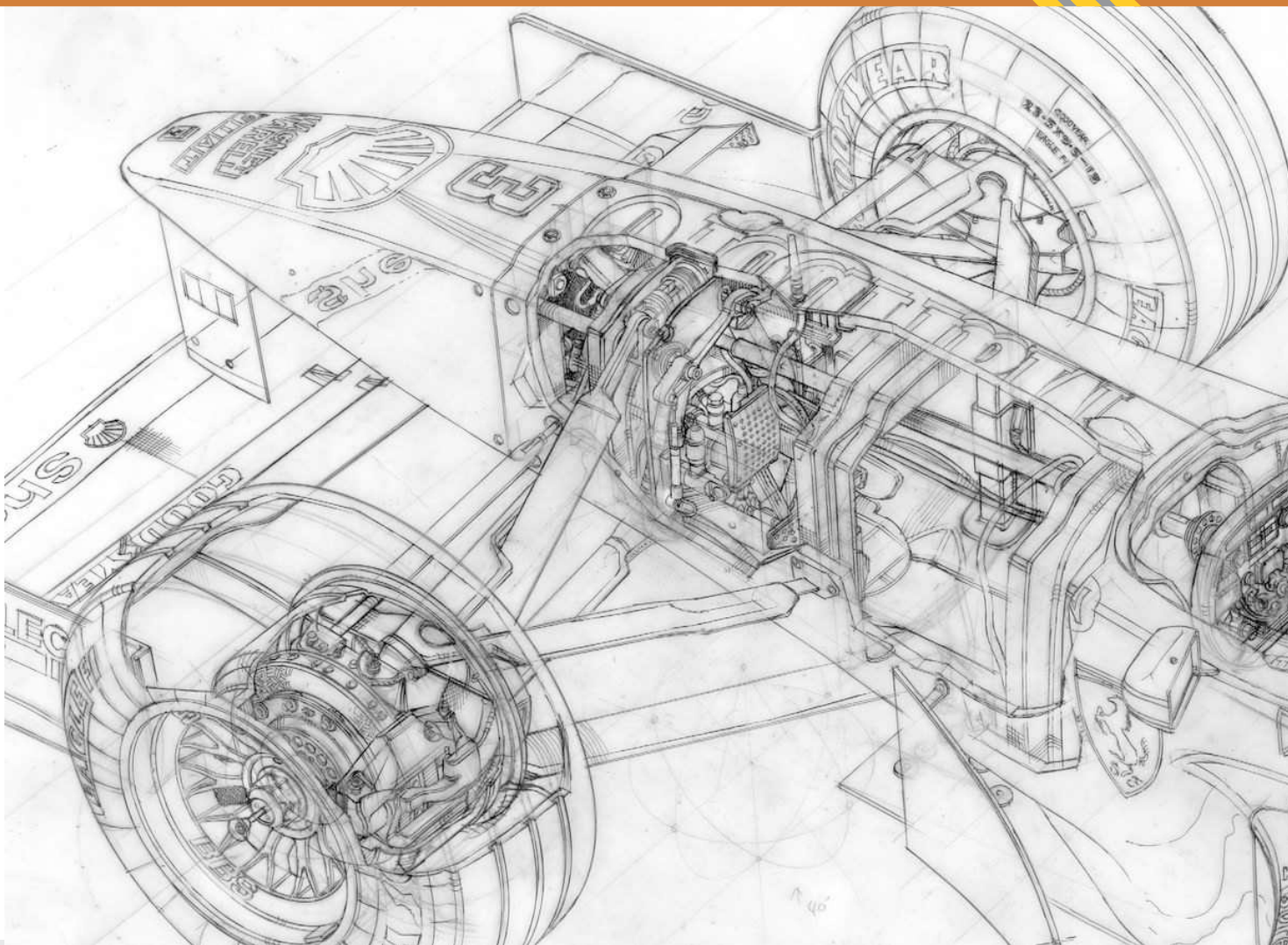


81st Rank - All India (NIRF)*
(Ministry of HRD Initiative, Govt. of India)

MULTI SECTOR STATE UNIVERSITY**

*Constituent Campus - CIT

**Odisha State Act 4 of 2010



About School of Engineering and Technology

The School of Engineering and Technology is the largest school in the Centurion University of Technology and Management (CUTM). The school offers Choice Based Credit System (CBCS) that allows students to study courses from multiple disciplines. The school strives to nurture students to become industry ready. School's programmes are skill integrated and geared towards industrial application domains. It encourages students to pursue higher studies or entrepreneurship. The curriculum is delivered in practice mode through more than twenty industry sponsored laboratories. The school has earned national and international laurels for its skill integration and practice orientation.

Programmes Offered

Sl. No.	Programmes Offered	Eligibility Criteria	Admission Process	Programme Structure
1.	Bachelor of Technology (B.Tech)	Must have passed 10 + 2 (Science with Mathematics) examination or appearing 10 + 2 examination (Science with Mathematics) with 45% aggregate.	Based on the ranks in any nationalized entrance tests CUET / JEEMAIN / EAMCET / WBJEE / Other equivalent Entrance Test.	4 Years (8 Semesters) with 180 credits. CBCS Structure
2.	Bachelor of Technology (B.Tech) Lateral Entry	Passed or appearing in three years full time diploma course in Engineering with at least 50% marks in aggregate from State Council of Technical Education and Training of any state / Universities.	Based on the ranks in any nationalized entrance tests CUET / JEEMAIN / EAMCET / WBJEE / Other equivalent Entrance Test.	3 Years (6 Semesters) with 145 credits. CBCS Structure
3.	Master of Technology (M.Tech)	Must be an Engineering Graduate, MCA/M.Sc (IT/CSE) for CSE Branch.	Through GATE or any other equivalent entrance test or through appropriate experience/merit.	2 Years (4 semesters) Industry Integrated Programme
4.	Ph.D in Engineering		Details are available on the website	

ENGINEERING AND TECHNOLOGY

- B.Tech - Civil Engineering
- B.Tech - Mechanical Engineering
- B.Tech - Computer Science Engineering
- B.Tech - Electronics & Communication Engineering
- B.Tech - Electrical & Electronics Engineering
- B.Tech - Agricultural Engineering
(Under School of Agriculture & Bio Engineering)
- M.Tech - Structural Engineering
- M.Tech - Power System & Control
- Ph.D in Engineering





Choice Based Credit System

Under this system a student has choice of selecting different papers belonging to different baskets

Basket I: Basic Science (Minimum 18 credits)

Basket II: Basic Humanities and Management (Minimum 18 credits)

Basket III: Basic Engineering (Minimum 27 credits)

Basket IV: Core Engineering (Minimum 45 credits)

Basket V: Electives belonging to different domain tracks. Each domain track signifies some industry application area. (Maximum 72 credits)

Students can select their branch of Engineering even in 2nd or 3rd year. Students can also change their branch midway. 45 Credit of course in a particular branch will make the student eligible to claim a specialization in any branch of Engineering. Thus, a student will have the option to claim specialization in more than one branch of Engineering.

CBCS system emphasizes learning on practice and project mode (learning by seeing, learning by doing and learning by discovery) rather than the traditional lecture mode (learning by listening).



Domain Based Curriculum

The school offers domain based courses within the curriculum in association with industry partners. It enables the students to become industry ready by the end of their respective programmes. Domains offered in different branches include:

Mechanical Engineering: Automotive Design, Manufacturing and Welding

Electrical and Electronics Engineering: VLSI and Embedded systems

Electronics and Communication Engineering: Industrial Automation and Control, Data analytics and Internet Security

Civil Engineering: Construction Planning and Project Management, Advanced Surveying using GIS, Computer Aided Design and Drawing

The faculty has both academicians and industry practitioners. Many industry professionals visit Centurion University as visiting faculty. In addition, the school has partnerships with many companies for imparting domain training. The University website has a full listing of all faculty members.



Curriculum and Pedagogical Tools

Industry Integrated Skill Based Courses

Focuses on skill/practice based education and offers courses with industry partnerships keeping in view the latest developments in technology.

Integration of Information and Communications Technology (ICT)

Use of ICT in teaching, learning and assessment has improved learning outcomes and enhanced classroom engagement. E-content is available on tablets. Internships and scholarships are available for higher studies after the completion of degree at the University.



Profile Projector PJ-A3000 Series



Volatile Matter Furnace

Industry Sponsored Laboratories

Eicher Motors, Ashok Leyland, Hyundai Motors and Yamaha sponsored Automotive laboratories

Godrej laboratories in interiors, Refrigeration and Air Conditioning and forklift maintenance

Bharat Earth Movers Limited (BEML) laboratories

Dassault Systems laboratory for Catia, Delmia and Simulia

Skill laboratories in CNC manufacturing, surveying, material testing and Engineering software like Staad Pro, Ansys Pro E supported by **National Skill Development Corporation**

Schneider Electric Electrical Engineering laboratories

Centers of Excellences in **Cisco** Certified Network Associate (CCNA), **(IBM)** Technologies and Oracle Academy

Felder Wood Engineering laboratory

Health Care Engineering laboratory

Small Industries Development Bank Of India (SIDBI) sponsored Industrial Automation Laboratory

Odisha Mining Corporation's laboratories for material quality testing in mining

The school has professional software such as High Frequency Structural Simulator (HFSS), Cadence etc.



Parr Isoperibol Bomb Calorimeter



Bharat Earth Movers Limited (BEML)
Ashok Leyland



Felder
Wood Engineering laboratory



Hydraulic Excavator



Racing Cars

Some of the Student Projects and Entrepreneurship

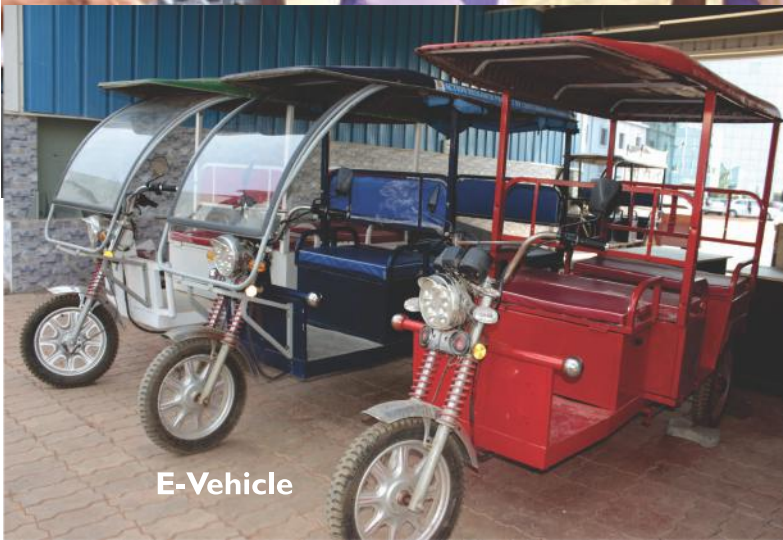
Students participate in high quality live projects. The projects have garnered widespread attention and accolades. Some of these projects have been taken up as entrepreneurial ventures backed by Centurion University. By the end of four years, engineers move from hands-on skills to analysis, design and manufacturing through live projects making them an accomplished professional.




By-plane



Electric Scooter



E-Vehicle



Motorised Bi-Cycle

Programmes Offered

Sl. No.	Programmes Offered	Eligibility Criteria	Admission Process	Programme Structure
1.	Master of Business Administration in (Marketing, HR, Finance)	Graduate in any stream or its equivalent examination conducted by any recognised University/Institution.	Based on rank obtained in any approved national level entrance test and GD and PI performance.	Two years full-time programme, offered through four semesters, including foundation and functional area courses. In second year, course is divided into two semesters. Students go through advanced topics in different areas of specialization. A student has to fulfil 106 credits in order to get the degree certificate.
2.	Master of Business Administration in Rural & Urban Development Management (RUDM)	Graduate in any stream or its equivalent examination conducted by any recognised University/Institution with minimum of 50% throughout career.	Based on rank obtained in any approved national level entrance test and GD and PI performance.	This is a unique action learning programme. Students are expected to learn from field to class as much as from class to field. Second year is spent interning with a development organization in the chosen field of specialization. A student has to fulfil 106 credits in order to get the degree certificate.
3.	Bachelor of Business Administration (BBA)	+2 Arts/Science/Commerce (Senior Secondary) or its equivalent examination conducted by any recognised Board of Education in India or abroad.	Admission based on percentage of marks in the qualifying examination	Three years, full time programme offered in six semesters. A student has to fulfil 144 credits in order to get the degree certificate.
4.	Bachelor of Commerce (B.Com)	+2 Arts/Science/Commerce (Senior Secondary) or its equivalent examination conducted by any recognised Board of Education in India or abroad.	Admission based on percentage of marks in the qualifying examination	Three years, full time programme offered in six semesters. A student has to fulfil 144 credits in order to get the degree certificate.
5.	Ph.D in Management	As per periodic notification of the University.	As per periodic notification of the University.	

Best Practices in Teaching-Learning Methods

Action Oriented Course with a lot of Field Work and Paid Internship

Experiential Learning: Domain training delivered with outside industry in a weekly basis.

New Age Learning Pedagogy: Focus on hands-on training, use of activities, videos and PPTs, interactive learning, App based courses, E-class rooms and download E- material on your tablet.

Learning by doing: Projects in every course, every semester, Real Practical Projects.

Teacher Mentors: Each student is given a faculty as a student mentor; meet him/her at the earliest opportunity.

Information at Fingertips: Get your ERP pass word and access attendance, results, fee details and course details even from your mobile.

Strong linkage with industry.

MBA (General)

The programme objective is to create management leaders who can navigate the ever-changing business landscape. The curriculum is continuously updated to bring in existing and emerging challenges and opportunities in the business environment. The teaching methods are geared towards experiential learning. This is realised through interactive class room teaching: case analysis, workshop, student projects, industry interactions, etc.

Career Opportunity: After completion of their MBA, students have the option of working in Business Enterprises including manufacturing and services (FMCG, FMCD, telecom, retail, infrastructure, financial services, etc.); or pursuing higher education for a career in teaching and research; or starting own business as an entrepreneur.



MBA (Rural & Urban Development Management) - (RUDM)

The programme aims to prepare a cadre of development professionals with sound managerial skills, right attitude, motivation and sensitivity towards underprivileged sections of the society and social issues, ability to take risk and identify opportunity as a social entrepreneur.

Career Opportunity: After completion of MBA (RUDM) programme, one can serve Non-Government Organizations; Development organizations of Government; Corporate Social Responsibility of Corporates; Funding Agencies and other financial institutions.

Bachelor of Business Administration (BBA)

The course of BBA is an intermediate step towards integrated master's course in management. It aims at catering to the demand for the skilled and chiselled management professional in the industry in general and at all levels in the world of business in particular.

Career Opportunity: After completion of BBA, the graduates can join as frontline executives in Business Enterprise in many sectors or pursue higher education (MBA etc.); or start own business as an entrepreneur.



Bachelor of Commerce (B.Com)

This programme is suitable for students who have just passed 10+2 and looking forward to a career in the business world in general and in accounting and finance functions in particular. Syllabus is designed to provide basic knowledge and skill in commerce.

Career Opportunity: After successful completion, student may pursue MBA, M.Com and other professional courses or join an industry/business.

Placement and Students' Achievements

The School of Management actively provides placement assistance to every student. The Training and Placement Cell prepares students for placement eligibility assessments through interventions aimed at developing personality, communication, reasoning, aptitude and domain knowledge.

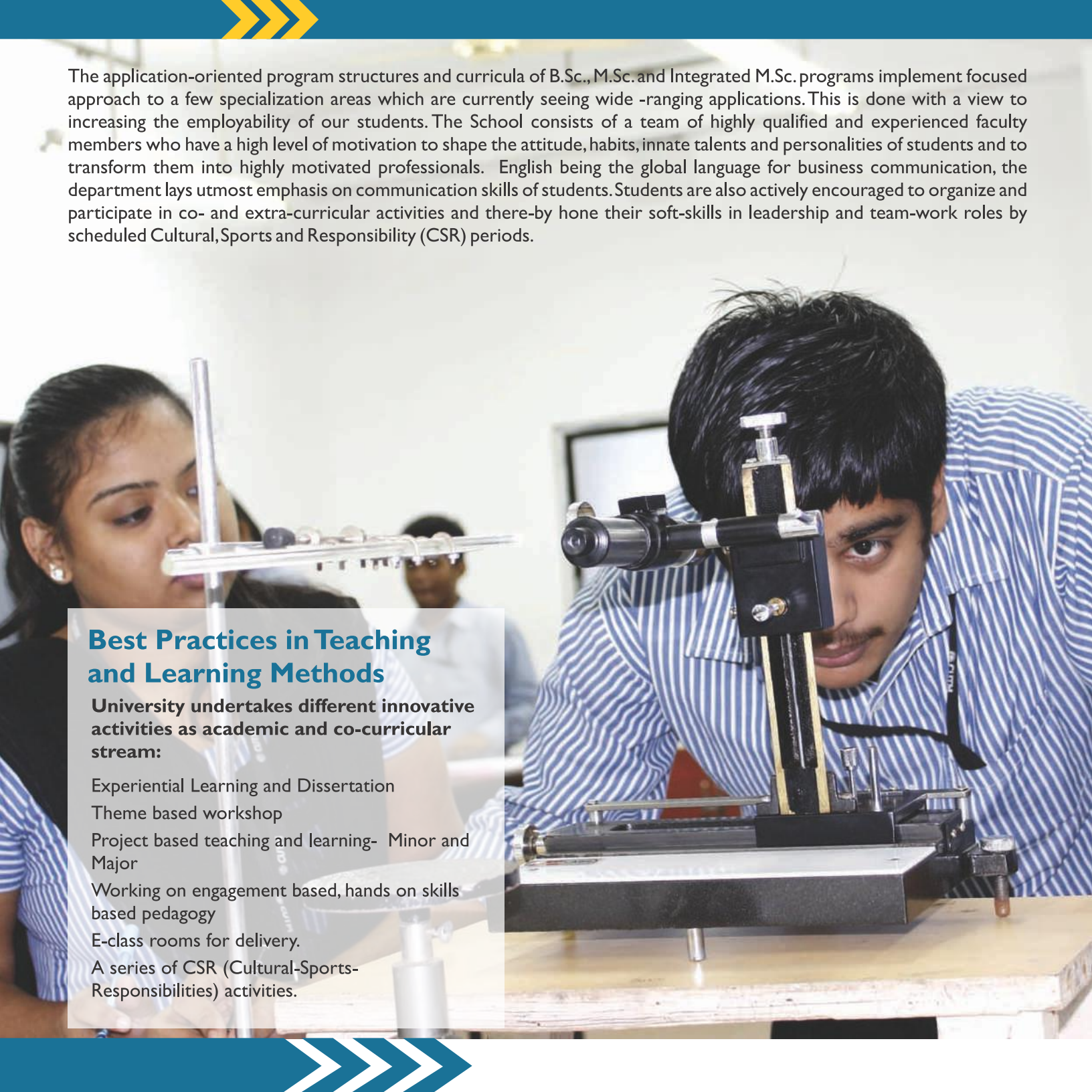
About School of Applied Sciences

The School of Applied Sciences (SoAs) offers the Bachelor of Science (B.Sc.) and Master of Science (M.Sc.) programmes as per choice based credit system (CBCS).

The school offers two types of Master level programmes:

Integrated M.Sc. programme that consists of a B.Sc. and a M.Sc,
A separate M.Sc. programme.

These programmes are offered from four campuses, (Paralakhemundi, Bhubaneswar, Bolangir and Rayagada). In keeping with the skill orientation of the University, these programmes are application oriented with strong skill integration.



The application-oriented program structures and curricula of B.Sc., M.Sc. and Integrated M.Sc. programs implement focused approach to a few specialization areas which are currently seeing wide -ranging applications. This is done with a view to increasing the employability of our students. The School consists of a team of highly qualified and experienced faculty members who have a high level of motivation to shape the attitude, habits, innate talents and personalities of students and to transform them into highly motivated professionals. English being the global language for business communication, the department lays utmost emphasis on communication skills of students. Students are also actively encouraged to organize and participate in co- and extra-curricular activities and there-by hone their soft-skills in leadership and team-work roles by scheduled Cultural, Sports and Responsibility (CSR) periods.

Best Practices in Teaching and Learning Methods

University undertakes different innovative activities as academic and co-curricular stream:

Experiential Learning and Dissertation

Theme based workshop

Project based teaching and learning- Minor and Major

Working on engagement based, hands on skills based pedagogy

E-class rooms for delivery.

A series of CSR (Cultural-Sports-Responsibilities) activities.

Programmes Offered

Bachelor of Science (B.Sc.): This is a three/four years programme as per choice based credit system

Sl. No.	Programmes Offered	Eligibility Criteria	Admission Process	Programme Structure
1.	B.Sc. (Physics, Chemistry, Mathematics, Botany, Zoology)	The candidates who have successfully completed 10 + 2 or equivalent with minimum 45% in Physics, Chemistry, Biology or Mathematics and pass in English	*Application form and prospectus will be available online. See website for details Selection is based on Merit wise on interview basis	Three years program and it consists of six semesters. The first five semesters of B.Sc. programmes profoundly emphasizes on the core and specialization subjects, and there is a seminar presentation in the last semester.

Master of Science (M.Sc.): This is a two years' programme and it consists of four semesters as per choice based credit system (CBCS).

Sl. No.	Programmes Offered	Eligibility Criteria	Admission Process	Programme Structure
1.	M. Sc. (Applied Physics, Applied Chemistry, Applied Mathematics, Botany, Zoology)	The candidates successfully completed B.Sc. or equivalent in Physics, Chemistry, Biology or Mathematics and pass in English	*Application form and prospectus will be available online and also at the Bhubaneswar Admission Office: Centurion University, HIG-5, BDA Duplex, Phase-I, Pokhariput, Bhubaneswar-751020, Odisha. *Merit wise on interview basis	Two years program and it consists of four semesters. The first two semesters of M.Sc. programme strongly emphasizes on core-subjects and the specialization subjects in last two semesters. There is a minor project and major projects in third and fourth semesters respectively.
2.	Ph.D in Science		Details are available on the website	Details are available on the website

****The course matrix and syllabi of all the above programmes are in accordance with the CBCS scheme and prescriptions of UGC.**





Interdepartmental Collaborations

Besides these programmes, the University also offers courses in inter-disciplinary areas like Science and Engineering. Many courses are integrated with the School of Engineering as well as Management. The syllabi of the programmes are duly approved by the Academic Council of the University, under the guidance and participation of academic Institutions of repute such as NISER, IIT, R&D and industry partners like Infosys, Tata Consultancy Services (TCS) and the like. As a matter of policy, the syllabi are periodically reviewed and updated every three years. As per this policy we will be reviewing and updating the B.Sc.Honours programme this year.

Unique features


- Application-oriented programme structures.
- Choice Based Credit System (CBCS) mandated by UGC.
- Digitalization of teaching methodology (E-class room, E-notes, LCD, audio-visual aids, etc.)
- Sophisticated seminar and conference hall.
- Fully equipped laboratories.
- Well-stocked libraries.
- Science, cultural and sports club.
- Communication skills development.





About M. S. Swaminathan School of Agriculture

Demand for professionals in Agriculture and Allied sector is growing because of changes in ecological, economic, technological and social environment in the country and abroad. Continuing climate change, degradation of natural resources (land, water, air, forest, flora and fauna), exploitation of mineral resources, increased per-capita income, fast technological development and changing tastes, preferences and nutritional requirement have increased the need for appropriate curriculum, pedagogy and manpower.





Best Practices in Teaching-Learning Methods

Classroom teaching along with Experiential learning

Intensive field visits to study interventions in agricultural and allied sciences

Workshops for transfer of farm technology

Demonstration with farmers in the field

Problem and need based studies

Internship with agricultural input, output and food processing industries, NGOs, farmers' organisations, cooperatives, etc.

Rural Agricultural Work Experience (RAWE) programme



Programmes Offered

Sl. No.	Programmes Offered	Eligibility Criteria	Admission Process	Programme Structure
1.	B.Sc. Agriculture	Higher Secondary / Intermediate (12th or 10+2) examination conducted by any recognised Board with PCB / PCBM / Agriculture (with Science subjects) having 50% marks for general in PCB / PCBM / Agriculture and 40% for reserved categories. OR Diploma in Agriculture	Based on rank obtained in any approved national and state level entrance test. Appropriate lateral entry is also allowed.	Four years full-time course, offered through eight semesters. Right knowledge and skill in different domains of agricultural sciences as major and allied sciences as minor are imparted. A student has to fulfil 156 credits in order to get the degree certificate.
2.	B.Sc Fisheries Science (Under School of Fisheries)	Higher Secondary/Intermediate (12th or 10+2) or an equivalent examination conducted by any recognised Board of Education in India or abroad with PCM (with Science subjects) having 50% marks in PCM for general and 40% for reserved categories.	Based on rank obtained in any approved national and state level entrance test. Appropriate lateral entry is also allowed.	Four years full-time course, offered through eight semesters. It draws on the disciplines of aquaculture including breeding, genetics, biotechnology, fish processing including curing, canning, freezing, fisheries, microbiology and fisheries resource management.
3.	M.Sc. AG in Genetics & Plant Breeding, Agronomy, Horticulture and Vegetable Science, Agricultural Extension and Communication	Graduate in any AG stream or its equivalent examination conducted by any recognised University/Institution with minimum of 50% throughout career.	Based on rank obtained in any approved national level entrance test and GD and PI performance.	Two years full-time course, offered through eight semesters. Right knowledge and skill are imparted in different domains of farm machineries and power and its operation and maintenance etc.
4.	Ph.D in Agriculture	Details are available on the website	Details are available on the website	Details are available on the website



Department and Laboratory Facilities

Agronomy: deals with the crop production, water management and agricultural meteorology

Horticulture: deals with different horticultural crops and its management

Soil science and agricultural chemistry: deals with various aspects like soil chemistry, soil fertility and nutrient management, agricultural microbiology, manures, fertilizers and agrochemicals

Genetics and Plant Breeding: deals with fundamental knowledge of expression of characters, phenomena at cellular and molecular level, breeding techniques and evaluation of segregating generation for field and horticultural crops.

Plant Pathology: deals with microbiology, plant pathogens and principles of plant pathology, diseases of field crops and management, diseases of horticulture crops and management and mushroom cultivation



Entomology: deals with various aspects like insect morphology, anatomy and systematic, insect ecology and IPM, pests of field crops and sericulture, apiculture and lac culture.

Extension Education: is an applied science consisting of content derived from research, accumulated field experiences and relevant principles drawn from the behavioural science synthesised with useful technology into a body of philosophy, principles, content and methods focussed on the problems of out of school education for adults and youth.

Plant science: consists of plant physiology, seed science and technology, biotechnology and biochemistry.



Unique Features

Imparts education in line with recent advances in agricultural sciences

Conducts need and problem based research

Provides transfer of technology to the farmers

New Age Learning Pedagogy: Focuses on hands-on training, use of activities, videos and PPTs, interactive learning, App based courses, E class rooms and download E- material onto student's tablet.

Learning by doing: Practical projects in every course and in every semester.

Teacher Mentors: Each student is given a faculty as a student mentor for guidance.

Information at fingertips: Pass word protected ERP provides access to attendance, marks in the examination, fee details and course details through internet (can access from mobile phone).

High Student-Teacher Ratio

Strong Linkage with Industry

Financial support to start own venture



Field Preparation



Sowing



Transplantation



Weeding

Training and Placement

M. S. Swaminathan School of Agriculture actively provides placement assistance to every student. The Training and Placement Cell prepares students for placement eligibility assessments through interventions aimed at developing personality, communication, reasoning and aptitude. Lots of MNCs, NCs, Bank, Cooperatives, NGOs and farm based organisations offer ample opportunities with good remuneration.

University Placement Services are responsible for placement for the programme.



About School of Media and Communication

The School of Media and Communications, under the auspices of the Institute of Knowledge Societies at Centurion University is being launched as a complete media school which will offer both Bachelors and Masters degree programmes, short term skill programmes in partnership with the PMKVY scheme of the Ministry of Skill Development and Entrepreneurship, Government of India and industry partnerships with both National and Regional Media. The school will deliver UNESCO's "Model Curriculum for Developing Countries and Emerging Democracies".

We at Centurion, pride ourselves for having implemented the CBCS scheme of the UGC and all our courses are aligned to the National Skill Qualification Framework. The course will be unique in that students will be required to take only 25 to 35 % of the total course load as core courses in the classroom. The student will then be free to choose all other courses from open baskets in any discipline and in practice mode.

Apart from teaching our faculty also engage in outstanding and innovative research. We address crucial issues in the emerging digital world about knowledge construction, political agency, cultures and identities, and governing the media and communications environment. Our work is strongly comparative and transnational. Our engaged and critical approach is committed to strengthening interdisciplinary scholarship drawing on a number of social science disciplines and multi-method approaches to research.



Programmes Offered

Sl. No.	Programmes Offered	Eligibility Criteria	Admission Process	Programme Structure
1.	Bachelor of Arts in Media	Completed Higher Secondary / Intermediate (12th or 10+2) or an equivalent examination conducted by any recognised Board of Education in India or abroad	Priority in admission is Based on percentage of Marks obtained at Higher secondary level	Three years full-time course, offered through six semesters. Proper knowledge and skill in media education. A student has to complete 120 credits
2.	Master of Arts in Media	Completed Bachelor degree examination conducted by any recognised University or board of Education in India or abroad	Priority in admission is Based on percentage of Marks obtained at Bachelors' level	Two years full-time course, offered through four semesters. Proper knowledge and skill in media education. A student has to complete 96 credits

Short term courses

Animation

Television Anchoring and News Reading

Script writing

Editing

Radio Jockeying

Film Making

Fashion Photography

Web content Development

A photograph of three students in a studio setting. A woman in the foreground is smiling and looking at a professional Sony video camera mounted on a tripod. Two men are standing behind her, one looking at the camera and the other smiling at the camera. The camera has a microphone attached to it. The background is a plain, light-colored wall.

Laboratories

The Centurion Studio:

In order to prepare students to be industry ready, the university has built and equipped full- fledged video and audio studio with the latest technology and software. The studio will be used for teaching as well as production.

Centurion Radio:

Centurion Radio, the university's cloud radio station is dedicated to university's student community. The media and Communication students at this radio station will be trained effectively in radio programme production, radio and sound engineering and radio jockeying, thus preparing them for the a bright future in the industry.

Centurion Press:

For students interested in the print media, Centurion press is a place to explore the word. The students will be trained to become competent print media professionals.



Unique features

Industry ready International standard syllabus with internationally reputed faculty members.

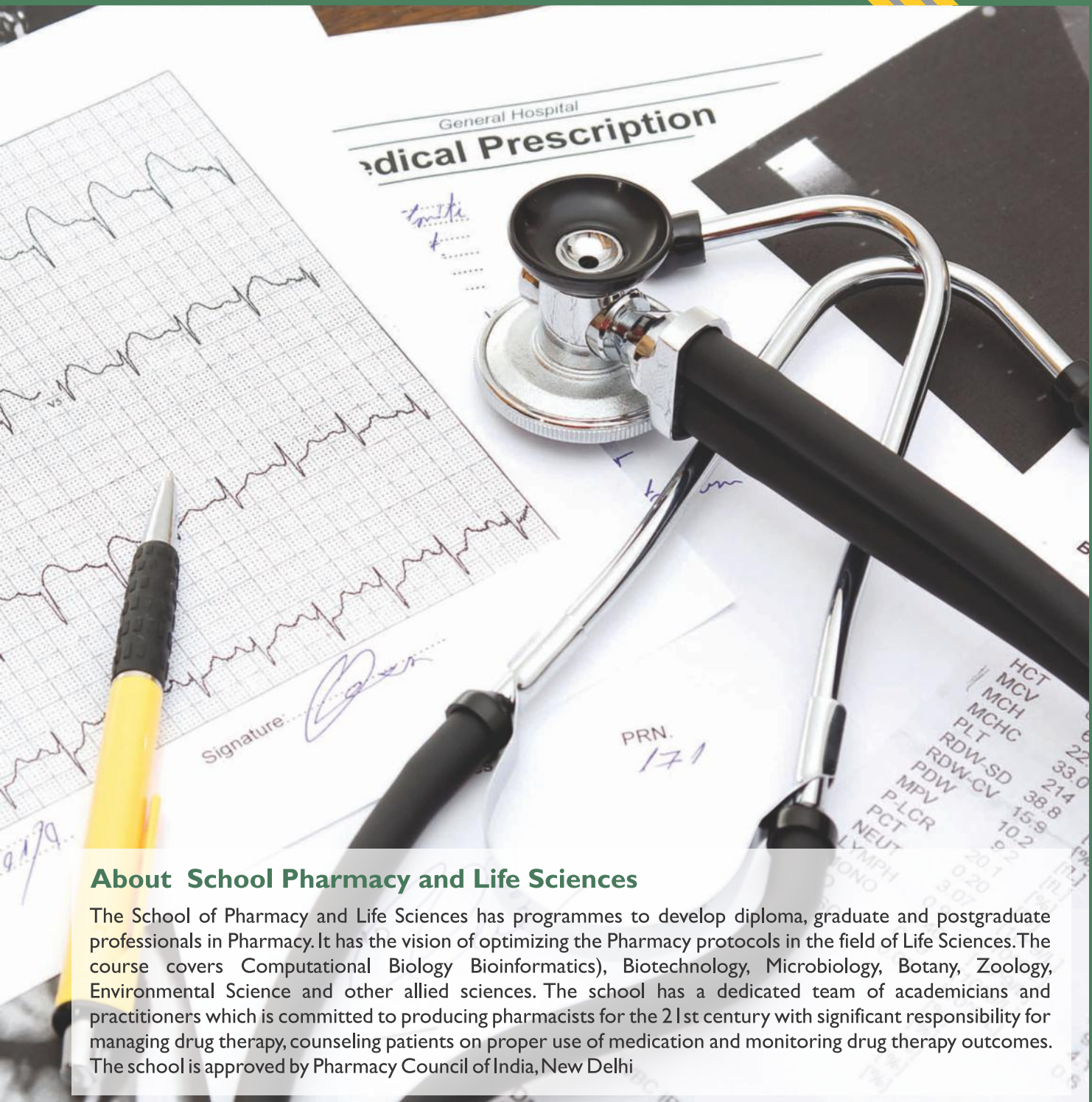
The school uses audio visual technologies to make learning interesting and effective.

Choice based credit system (CBCS) based syllabus.

Specialized training and Internship at reputed national and regional media organizations.

Association with ZEE group and other media, corporate and development organizations for helping students to grab better opportunities.

Well-equipped studios and labs for hands-on training.



About School Pharmacy and Life Sciences

The School of Pharmacy and Life Sciences has programmes to develop diploma, graduate and postgraduate professionals in Pharmacy. It has the vision of optimizing the Pharmacy protocols in the field of Life Sciences. The course covers Computational Biology (Bioinformatics), Biotechnology, Microbiology, Botany, Zoology, Environmental Science and other allied sciences. The school has a dedicated team of academicians and practitioners which is committed to producing pharmacists for the 21st century with significant responsibility for managing drug therapy, counseling patients on proper use of medication and monitoring drug therapy outcomes. The school is approved by Pharmacy Council of India, New Delhi

Major Areas of Study

Pharmaceutical Chemistry: Pharmaceutical Chemistry includes study of pharmaceuticals for generic and noble drugs.

Pharmaceutics: Pharmaceutics deals with synthesis and design of new drug molecules and their various formulations as per the official compendia.

Pharmacology: Pharmacology includes human health management and treatment.

Pharmacognosy: For extraction, isolation and the characterization of crude drugs obtained from nature.

Analytical Chemistry: Analytical Chemistry deals with study of Physical and Inorganic Chemistry for synthesis and development of chemical molecules.

CADD: Computer Aided Drug Design (CADD) includes a platform for computational designing of drugs and pharmacophore with the study of its target interactions.



Programmes Offered

Sl. No.	Programmes Offered	Eligibility Criteria	Admission Process	Programme Structure
1.	B.Pharmacy	+2 Science with Math or Biology or equivalent (aggregate 45% of mark)	60 students selected based on rank obtained in (CUTM/ OJEE/ NEET or any state equivalent test)	4 Years (8 Semesters)
2.	Diploma in Pharmacy	Must completed 10+2 with Physics/ Chemistry/ Math/Biology/Bio Science (aggregate 45% of mark)	60 students selected based on rank obtained in (CUTM/ OJEE/ NEET or any state equivalent test)	2 Years (4 Semesters)

For more details please visit the university website.



Major Equipments

HPLC with Photo Diode Array Detector

FTIR with DRS System

U.V.Spectrophotometer

Microprocessor based Dissolution Apparatus

Microprocessor based Friability test Apparatus

Auto-Analyzer

Automated 12 station Tablet Compression Machine

Molecular Modeling Facilities: Sybyl X2.1.1

Laboratories

Pharmaceutics Laboratory

Pharmaceutical Analysis Laboratory

Pharmaceutical Chemistry Laboratory

Pharmacognosy Laboratory

Pharmacology Laboratory

Anatomy, Physiology and Health Education Laboratory

Pharmaceutical Microbiology Laboratory

Bio-Pharmaceutics Laboratory

Pharmaceutical Technology Laboratory

Computer Aided Drug Design Laboratory

Computer Laboratory

Machine Room



Faculty Resources: The school has faculty from academia and industry with long years of experience who have a number of publications in national and international refereed journals.



About School of Paramedics & Allied Health Sciences

School of Paramedics & Allied Health Sciences, Centurion University is designed as one of the best model paramedical department in Eastern India where raw talents are shaped, guided and polished to emerge as through professionals in the highly competitive knowledge based world. It has been established to play a pivotal role to produce performance oriented professionals who will excel in their respective fields with excellence and shape the destiny of our healthcare industry.



VISION

To craft an internationally competitive & research focused department, open to the needs of the people, while distributing superlative edification and knowledge. To place it in the forefront of research and development, invention, knowledge transfer and human resource development in the global academic field and industry.

MISSION

School of Paramedics & Allied Health Sciences aims to provide trained, qualified, technical personnel in the field of Paramedical Science to support the medical profession. The objective of the Paramedical Science education programme is to ensure that educational opportunities for development of skills. The emphasis of the Paramedical Science education programme is on developing a cadre of small entrepreneurs. This programme conceived as "Total Employment Training for Total Development", focuses on the concept of turning the unskilled to the skilled

Prospects as a Paramedic

After pursuing a course in the field of paramedical science, one can explore various career options available in the medical industry. A paramedic can seek job opportunities in government hospitals, private clinics and trauma centers. Such medical professionals can work as medical lab technicians, radiography technicians, emergency technicians, emergency care practitioners etc.

Besides, they can opt for high - end specialization courses and discover umpteen opportunities in India and abroad. However, being a paramedic is a demanding job as emergency medical services and facilities operate 24x7; thus, professionals in this field must be devoted to their job and willing to work anytime when duty calls.

**100%
Placement
Assistance**

**World Class
Laboratory
Facility**

**Transport
Facility
Available**

**Separate
hostels for
Boys and
Girls**

Features of the School

- Odisha's first university to start Paramedical courses
- Designed as one of the best model paramedical school in Eastern India
- Play pivotal role to produce performance oriented professionals
- Shape the destiny of India's health care industry
- Aims at developing competence
- Providing students with facilities for quality education, complete laboratory training and clinical exposure
- Tied up with GE Healthcare to launch 1 year skill courses focusing on high demand job roles in healthcare sector
- Well equipped high technology laboratories
- Well qualified faculty
- Emphasis on peer support and peer analysis for soft skill acquisition
- Wi-Fi environment with elaborate computer lab
- Availability of medical education software
- Established network with hospitals, diagnostics companies, pharmaceutical companies, and research labs
- Research opportunities

PROGRAMMES OFFERED

Graduate & Post Graduation Programmes

Sl. No.	Programmes Offered	Duration	Eligibility Criterria
1.	B.Sc Optometry	4 Years	+2 Sc. with Biology
2.	B.Sc Radiology & Imaging Technology	3 Years	+2 Sc. with Biology
3.	B.Sc Medical Laboratory Technology	3 Years	+2 Sc. with Biology
4.	B.Sc Clinical Microbiology	3 Years	+2 Sc. with Biology
5.	M.Sc Clinical Microbiology	2 Years	+3 Sc. with Biology
6.	Medical Laboratory Technician	2 Years	+3 Sc. with Biology
7.	M.Sc Forensic Science (Under School of Forensic Sciences)	2 Years	+3 Sc. with Biology

For more details please visit the university website.



Best Practices in Teaching Learning Methods

This courses designed aims at developing competence and providing students with facilities for quality education, complete laboratory training and clinical exposure. The School has well equipped high technology laboratories and well qualified faculty who not only impart academics but also guide students in their quest for excellence.



Faculty Resources

The school has faculty from academia and industry with long years of experience who have a number of publications in national and international refereed journals.

Admission Procedure

Aspirants should appear CUTM entrance test to be eligible for admission in all courses, In its absence qualifying marks will be the basis of selection.



About School of Vocational Education and Training

The School of Vocational Training (SoVET) trains over 20,000 students a year in various short term skill courses under the umbrella of Gram Tarang Employability Training Services. The school offers courses from one month duration to three years. The longer duration programmes are offered under the University banner.

The University has also signed a MOU with Ministry of Skill Development and Entrepreneurship (MSDE), Government of India, for offering flex-ITI courses throughout the country. All these courses are run with industry collaboration. The school is now well known nationally and internationally and is at the center of the skill integrated higher education system of the University. Most topics are taught in practice mode in E-class rooms.





Best Practices in Teaching-Learning Methods

Industry Integrated Skill Based Courses

Focus on skill education taught in practice mode, offering courses with industry partnerships and latest technical developments.

ICT Integration

Use of ICT in teaching, learning and its examination process has helped in improving learning outcomes and enhancing classroom engagement. The classroom teaching is accompanied by e-content materials by using tablets for making student learning more effective.

Programmes Offered

Sl. No.	Programmes Offered	Eligibility Criteria	Admission Process	Programme Structure
1.	Diploma in Engineering (Diploma)	Pass in HSC examination / 10th standard examination conducted by any state board or equivalent Age: Minimum 14 years for all courses. No Upper Age limit.	Must have appeared in any Diploma Entrance Test for admission to 1st Semester of 3 year Diploma Engineering Courses. In its absence 10th marks will be the basis for selection.	3Years (6 Semesters) with 135 credits.
2.	Diploma in Engineering (Diploma) Lateral Entry	Pass in +2 Science Examination from CHSE, Odisha or its equivalent examination with PCM/ +2Vocational (2 years course) in any Engineering Trades / 2 years ITI in Engineering Trade with pass in HSC examination / 10th standard examination conducted / declared equivalent by BSE, Odisha.	Must have appeared in any Diploma Entrance Test for admission to 3rd Semester of 3 year Diploma Engineering Courses. In its absence qualifying exam marks will be the basis for selection.	2Years (4 Semesters) with 90 credits.

School of Vocational Education and Training offers:

1. Diploma in Mechanical Engineering
2. Diploma in Civil Engineering
3. Diploma in Electrical Engineering
4. Diploma in Automobile Engineering
5. Diploma in Mining Engineering



Live Projects and Entrepreneurship

Students engage in high quality live projects. These projects have garnered widespread attention and accolades. Some of them have been taken up as entrepreneurial ventures backed by Centurion University. These projects have impressed industry and academia alike. By the end of four years, engineers move from hands-on-skills, through analysis and design to manufacturing, making them consummate professionals.

Learn while Earn Concept

The school has production contracts with various companies such as HAL, ISRO, RSB Global and Uniparts. This gives students the unique advantage of working on production jobs while studying.





Admission into Centurion University:

The University conducts the 'Centurion University Entrance Examination' (CUEE) every year all over India. The Entrance examination is needed for Engineering and Agriculture programmes. This year, the test will be conducted online only. Please refer the University website for full details about the fee, procedures and application details.

Please Visit: www.cutm.ac.in

CORPORATE OFFICE:

17, Forest Park,
Bhubaneswar,
PIN – 751009,
Dist: Khurda, Odisha, India.

PARALAKHEMUNDI CAMPUS:

At - Village Alluri Nagar, P.O - R Sitapur, Via - Uppalada,
Paralakhemundi - 761 211, Dist. - Gajapati, Odisha.
Phone: +91 (06815) 222999
Fax: (06815) 222150, 222976

BHUBANESWAR CAMPUS:

At - Ramachandrapur, P.O - Jatni,
Bhubaneswar - 752050, Dist - Khurda, Odisha
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Fax: +91 (0674) 2352433



Centurion
UNIVERSITY

*Shaping Lives...
Empowering Communities...*

Schools:

ENGINEERING | MANAGEMENT | AGRICULTURE | APPLIED SCIENCES | PHARMACY | FORENSIC SCIENCE | FISHERIES
PARAMEDICS & ALLIED HEALTH SCIENCES | MEDIA & COMMUNICATION | VOCATIONAL EDUCATION & TRAINING



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Centurion UNIVERSITY

Shaping Lives...

Empowering Communities...