

About School of Applied Sciences

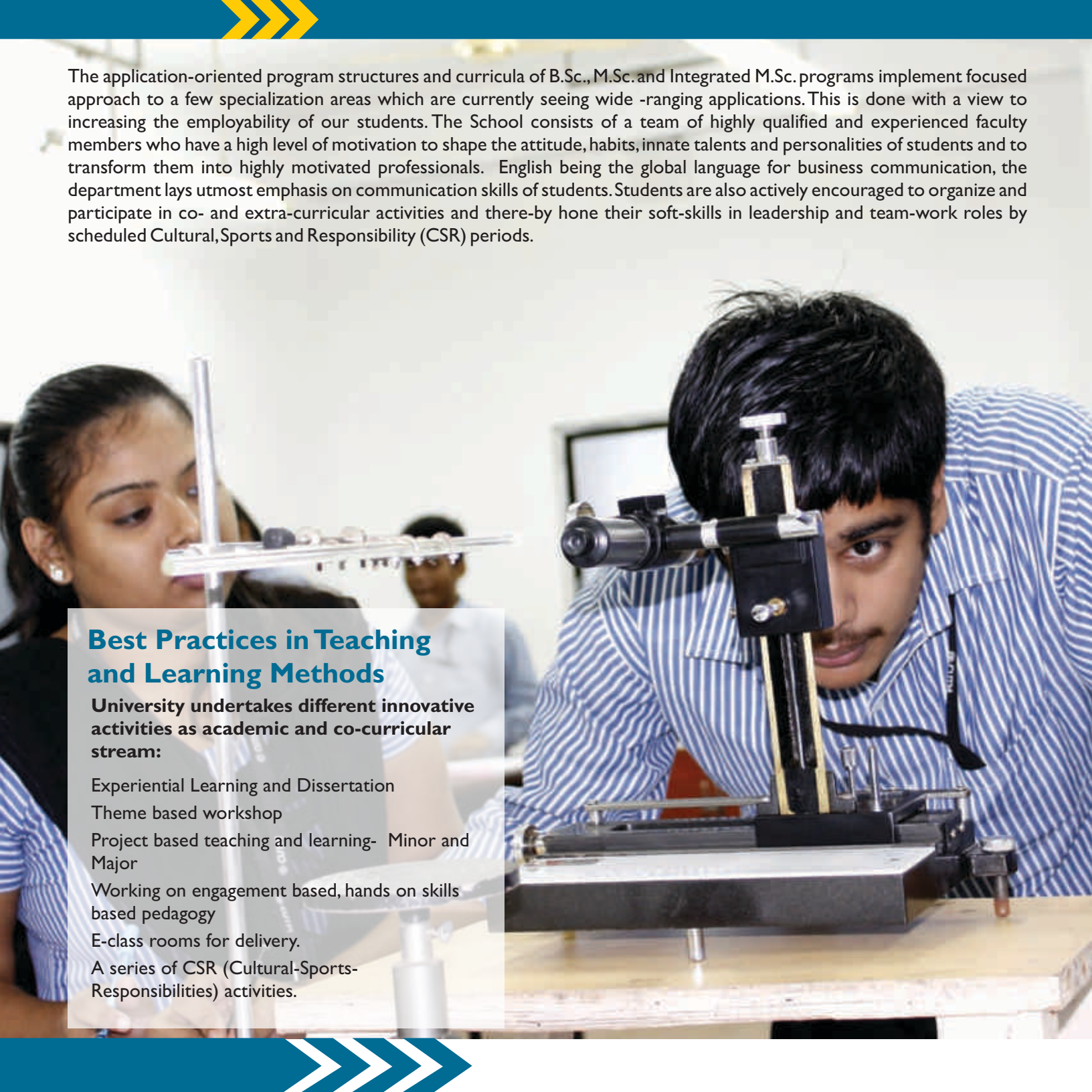
The School of Applied Sciences (SoAs) offers the Bachelor of Science (B.Sc.) and Master of Science (M.Sc.) programmes as per choice based credit system (CBCS).

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

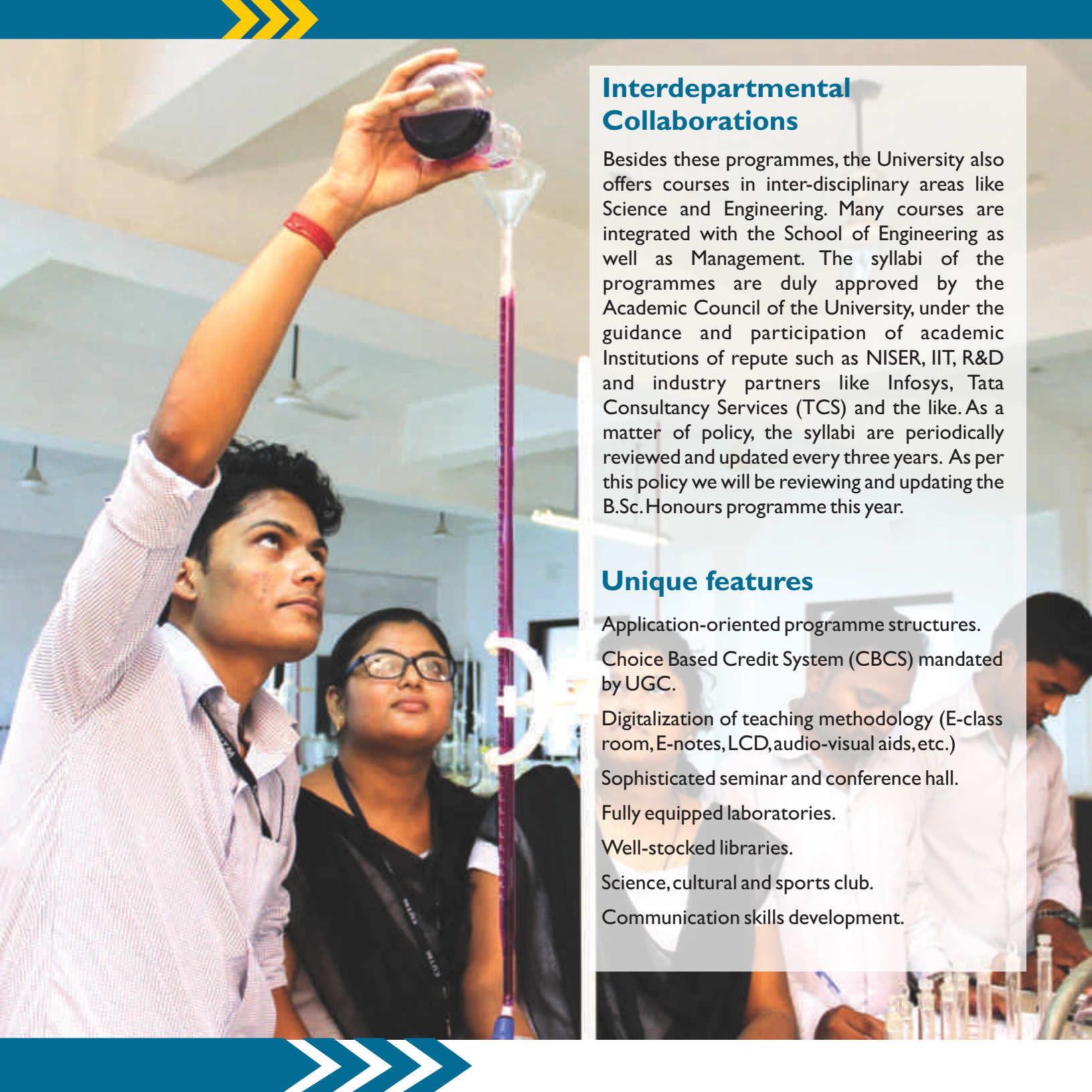
Sl. No.	Programmes Offered	Eligibility Criteria	Admission Process	Programme Structure
1.	B.Sc. (Physics, Chemistry, Mathematics, Electronics, Information Technology, Instrumentation, Automobiles, Botany, Zoology)	The candidates who have successfully completed 10 + 2 or equivalent with minimum 45% in 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.
2.	B.Sc. Optometry	10 + 2 or equivalent with minimum 45% in science 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	Four years programme and is aimed at developing multipurpose ophthalmic manpower in the country. This Programme profoundly provides all the theoretical and practical knowledge and skills needed to become a qualified optometrist.

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. (Physics, Chemistry, Mathematics, Electronics, Information Technology)	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.

****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.