



C.V. Raman Global University Bhubaneswar - 752 054 (Odisha)

<https://cgu-odisha.ac.in/faculty-of-physical-and-mathematical-sciences/>
Mail us at: recruitment@cgu-odisha.ac.in; Contact: +91 9040097244

Job Description for Professor (UGC Grade Level 14/ AICTE), Faculty of Physical and Mathematical Sciences (Mathematics).

Who We Are

C.V. Raman Global University (CGU), Odisha started in 1997 as a degree-level engineering college, named as C.V. Raman College of Engineering (CVRCE). With 25 Centres of Excellence set up in collaboration with industry leaders across the board, the university today has over 20 start-ups working under its AIC & TBI incubation centre.

Our Accreditations:

- Within top 100 Engineering Institutions in India by NIRF (National Institute Ranking Framework), MHRD, and Govt. of India during 2016, 2017, 2018, 2019, 2020, 2021, 2022 & 2023.
- Recognized as S.I.R.O (Scientific and Industrial Research Organization) by D.S.I.R., Government of India.
- CGU awarded "Skill Champion" by Govt. of Odisha in 2023
- CGU awarded Higher Education Excellence award by FICCI in 2022
- As per Times Engineering Survey (2022), CGU secured a notable position among the top engineering colleges in the country, ranking 35th among the top privately run engineering institutes nationwide and 4th in the eastern region.
- The University was recognized as a "PERFORMER" in the "University & Deemed to be University (Private/Self-Financed) (Technical)" category in the Atal Ranking of Institutions on Innovation Achievement (ARIIA) 2021, a flagship program of the Ministry of Education, Government of India.

Notable Awards and Honours:

- In the field of research, the University received grants over 5 crores in 2022.
- Ms. Manisha Padhi, alumni of CGU have been appointed as the ADC to The Hon'ble Governor of Mizoram in 2023 and became the first ever female to hold the position.
- Ms. Swagatika Mohanty, Civil Engineering (2013-17), has bagged the 15th rank in Odisha Civil Services Exam in 2023 and is now a functional, respectable, responsible OAS.
- Safia Aktar, Anshu Kumari, and Radhika Rani Panda won the 1st prize at "10-Hour Women Hackathon" organised by Trithon Triplets 2k23.
- Abhishek Kumar, B.Tech (ECE) awarded the Visweswaraya Prativa Puraskar at Odisha Technological Conclave, 2023.
- Mr. Praveen Giri won the Silver Medal in the area of Water Technology at World Skills, Stuttgart, Germany, 2022.
- Mr. Subrat Patel won Medallion of Excellence in the area of Restaurant Services at World Skills, Switzerland, 2022.
- 9 students represented India in Worldskills 2022 in 7 various Skills.



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- CGU won Smart India Hackathon (SIH) 2022 in Software Edition.

What We Offer

- Undergraduate Courses: 28
- Postgraduate Courses: 33
- PhD Programs: 15

The Faculty of Physical and Mathematical Sciences is committed to providing our students with a comprehensive education in the physical and mathematical sciences. We offer undergraduate, graduate, post-graduate and doctoral programs in a wide range of disciplines, including physics, mathematics and chemistry. Our faculty members are highly qualified and experienced in their respective fields, and they are dedicated to helping students achieve their academic and professional goals. They are engaged in cutting-edge research in various areas of physical and mathematical sciences, providing our students with ample opportunities to engage in research activities and gain hands-on experience in conducting experiments and applying theoretical concepts. Our programs are designed to provide students with a solid foundation in the fundamental principles of the physical and mathematical sciences, while also offering elective courses that allow students to specialize in specific areas of interest. Our programs also include laboratory and project components, enabling students to develop practical skills and work collaboratively on real-world problems.

Where You Come In

We are looking for an energetic and dynamic academician with a positive mind-set and a clear vision to enhance Research & Development capabilities of the Faculty in CGU Bhubaneswar for the position of Professor in the Faculty of Physical and Mathematical Sciences (Level 14).

Duties & Responsibilities

The duties and responsibilities of the position include, but are not restricted to, the following:

I. Research, Enterprise and Scholarship

- Support the development and implementation of the research and enterprise strategy.
- Lead and coordinate research activity in the subject area.
- Manage research and other collaborative partnerships with other educational institutions or other external bodies.
- Lead bids for research, consultancy and other additional funds.
- Write publications of an internationally recognised standard or disseminate research findings using media appropriate to the discipline.
- Conduct research into learning and teaching methodologies and disseminate best practice within the University and externally.

II. Student Learning Experience

- Involve in the design and development of the overall course and curriculum.
- Design, develop and deliver a range of programmes of study at various levels.
- Lead the development and clarification of academic standards and quality for the subject area.



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- Working with the Dean, lead the development and implementation of the student learning experience strategy.
- Make a significant contribution to the development of academic policies across the University.
- Ensure that academic policy and practice is inclusive and accessible.
- Develop, promote and evaluate the use of innovative assessment methods.

III. Extracurricular Activities

- Undertake personal tutoring.
- Provide support to students by using listening, interpersonal and pastoral care skills to deal with sensitive issues.
- Appreciating the needs of individual students and their circumstances ensuring that these are addressed and accommodated appropriately and students are aware of how to access University support.
- Taking responsibility for dealing with referred issues for students within own programmes and providing support for colleagues dealing with student matters, referring them to sources of further help if required. Liaison and Networking.
- Lead and develop internal and external networks to foster collaboration and share information and ideas to promote the subject and the University.
- Participate in relevant internal and external networks Promote and market the work of the University in the subject area both nationally and internationally.
- Contribute to the enhancement of research quality and thinking in the field by being involved in quality assurance, external decision making bodies, research councils, groups and subject associations. Academic administration Contribute to the efficient management and administration of the Faculty, the University and the wider academic community by:
- Performing such administrative duties throughout the Faculty and university.

Who Are We Looking For

- First Class (60%) career throughout.
- An eminent scholar with Ph.D. qualification(s) in the concerned/allied/relevant discipline and published work of high quality, actively engaged in research with evidence of published work with a minimum of 10 research publications in the peer reviewed/ UGC listed journals and a total research score of 120.
- A minimum of ten years of teaching experience in university/college as Assistant Professor/Associate Professor/Professor, and/or research experience at equivalent level at the University/National level institutions/industries with evidence of having successfully guided doctoral candidate.
- Contribution to educational innovation, design of new curricula and courses, and technology – mediated teaching learning process.

OR

An outstanding professional with Ph.D. in relevant/allied/applied disciplines from academics/research institutions/industries, who has made significant contributions to the



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knowledge in the concerned/allied/relevant discipline to be substantiated with documentary evidence.

What We Expect from You as the Professor:

R & D Capabilities, Planning and Coordination, Communication, Academic Activities, , Good Industry Connect.

For more details, visit us at <https://cgu-odisha.ac.in/>.

Want to be a part of our University?

Please write to us and share your updated CV/ Resume at recruitment@cgu-odisha.ac.in and apply on <https://recruitment.cgu-odisha.ac.in/>. We eagerly await to hear from you.