



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 Assistant Professor(UGC Grade Level 10, 11, 12/ 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.



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- 9 students represented India in World skills 2022 in 7 various Skills.
- 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 pedagogue with a demonstrating mind-set to combine scholarly achievements, teaching excellence and service to the University and Community for the position of Assistant Professor in the Faculty of Physical and Mathematical Sciences (Level 10, 11, 12).

Duties & Responsibilities

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

I. Student Learning Experience

You are required to contribute directly to degree programmes through research-led teaching, supervision of laboratory sessions, student mentoring and supervision of research scholar/student projects. Prepare, deliver and assess a range of Departmental subjects at undergraduate and postgraduate levels. This will extend to supporting innovation in teaching, transnational and digital provision of programmes, and new technologies as needed. This includes, but is not limited to:

- Supervision of laboratory sessions, and student mentoring.
- Supervising undergraduate and postgraduate student projects.
- Getting involved in course development and delivery and participation in the ongoing development of programmes.
- Enhancing professional development skills for teaching.



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II. Research and Scholarship

Engagement in high quality research activities either independently or in association with one or more existing research groups/centres. This engagement should have led to publications in high impact factor journals and presentations at international conferences. Additionally, the ideal candidate should:

- Show potential to establish an independent research programme (in the topics defined below) and attract research funding from competitive research funding schemes and/or industry.
- Participate in research-related administration such as research student supervision, PhD thesis examination and related duties.
- You shall publish minimum 3 research papers in an academic year, out of which minimum one should be under SCI/SCOPUS.

III. Service and Contribution to University and Society

Contribute to the ongoing direction and strategy within the school, faculty, university and profession, for example :

- in terms of strategic planning, quality review and improvement processes and external programme accreditations.
- via involvement with appropriate professional institution(s) and associated initiatives.
- developing and delivering the International Activities of Dept., including international travel to do so.

Undertake administrative functions related to the activities of the Departments, and the wider University. Such duties will be defined by the Head of Dept. and may include some of the following: degree programme coordination; participation in committees; visits to students on industrial placement programme; student recruitment and other such duties desired by the management of the University.

Who Are We Looking For

- First Class (60%) career throughout.
- Master 's degree with 60% marks (or an equivalent grade in a point scale wherever grading system is followed) in a relevant/allied subject from an Indian University, or an equivalent degree from an accredited foreign university.
- Besides fulfilling the above qualifications, the candidate must have cleared the National Eligibility Test (NET) conducted by the UGC, CSIR or similar test accredited by the UGC like SLET/SET or who are or have been awarded a Ph. D. Degree in accordance with the University Grants Commission (Minimum Standards and Procedure for Award of M.Phil./Ph.D. Degree) Regulations, 2009 or 2016 and their amendments from time to time as the case may be.



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- NET/SLET/SET shall also not be required for such Masters Programmes in disciplines for which NET/SLET/SET is not conducted by the UGC, CSIR or similar test accredited by the UGC like SLET/SET.

OR

Ph.D degree from a university/institution with a ranking in top 500 in the World University ranking (at any time) by Quacquarelli Symonds (QS), the Times Higher Education (THE) and Academic Ranking of World Universities (ARWU) of the Shanghai Jiao Tong University (Shanghai).

What We Expect from You as the Assistant Professor:

High Professional Standards which promote and demonstrate University's core values of excellence, People Focused, Partnership Working.

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.