



C. V. Raman Global University, Odisha

No: CGU/CoE/Ph.D/N/012/2025

Date:25.09.2025

NOTIFICATION

AWARD OF THE DEGREE OF DOCTOR OF PHILOSOPHY

On the recommendation of the Board of Examiners appointed by the Hon'ble Vice-Chancellor to evaluate the thesis, the under-mentioned candidate has been declared to be qualified for the award of the Doctor of Philosophy Degree. The Ph. D Degree has been awarded in accordance with the provision of the UGC (Minimum Standards and Procedure for the Award of Ph. D Degree) Regulation 2022.

The degree will be conferred on the following candidate at the Annual Convocation of the University for the Academic Year 2024-25.

The Medium of Instruction is ENGLISH.

1	Name of the Candidate	KUMUD RANJAN
2	Registration No.	2101070035
3	Department	Mechanical Engineering
4	Faculty	Engineering
5	Title of the Thesis	Heat Transfer and Flow Analysis of Natural Convection around a Toroidal Surface Incorporating Radiation Effects: A Numerical Approach
6	Name & Designation of the Supervisor	Dr. Sachindra Kumar Rout Associate Professor
7	Name & Designation of the Co-Supervisor (if any)	Dr. Sushovan Basak Associate Professor
8	Date of Viva-Voce Examination	13/09/2025

By order of Hon'ble Vice-Chancellor.



[Signature]
Controller of Examinations
Controller of Examinations
 C.V. Raman Global University
 Bhubaneswar

Copy forwarded for information to:

1. Kumud Ranjan – Ph.D Scholar
2. Dr. Sachindra Kumar Rout, CGU, Odisha: Supervisor
3. Dr. Suchovan Basak, CGU, Odisha: Co-Supervisor
4. Dr. (Prof) Satyabrata Sahoo, Deptt of Mechanical Engineering, Room No 224-B, IIT (ISM), Dhanbad, Jharkhand-826004, Chhatisgarh : External Examiner – I.
5. Dr. (Prof.) Manoj Kumar Moharana, Deptt of Mechanical Engineering, Room No ME-118, NIT, Rourkela, Sundargarh, Odisha PIN – 769008: External Examiner – II.
6. Head, Department of Mechanical Engineering, CGU, Bhubaneswar
7. Pro Vice Chancellor, CGU, Bhubaneswar
8. Vice Chancellor, CGU, Bhubaneswar
9. The Librarian, CGU, Bhubaneswar
10. PA to Hon'ble Vice-Chancellor, CGU, Bhubaneswar
11. University website for information to all concerned.