SCHOOL OF STUDIES IN ELECTRONICS & PHOTONICS

Pt. RAVISHANKAR SHUKLA UNIVERSITY, RAIPUR (C.G.)

UGC & AICTE approved National Innovative Programme FOR GATE & Non GATE Aspirants

ENTRANCE EXAM

M. Sc. Electronics
(Joint Entrance with Physics)
20-7-2022 Wednesday
12 pm to 01 pm

M. Tech. (Opto)
19-7-2022 Tuesday
12 pm to 01 pm

M. Sc. Electronics Programme

Introduced in the year 1994, the two-year Post Graduate Programme in Electronics aims at the synthesis of Science, Engineering and Technological aspects of Electronics. It is the mission of the Department of Electronics Science to educate and generate the next generation of innovators. The M. Sc. in Electronics curriculum of the Department is accordingly designed and being implemented. In addition, the Department also realizes that in today's frenetically competitive market world, then students need to be confident, organized, multi skilled and flexible individuals apart from being imparted training in Electronics.

Career Prospects in Public Sector / Private Sector

Post Graduate in M. Sc. Electronics can find various job openings under various Departments of State/Central Ministries of Government of India in addition to Private Sector, The different government organizations which are operating in Electronics field include- Indian Railway, ONGC (Oil and Natural Gas Corporation Limited), NEERI, Nationalized Banks, IGCAR, IAF (Indian Air Force), DRDO (Defense Research and Development Organization), CSIR (Council of Scientific & Industrial Research), CEERI (Central Electronics Engineering Research Institute), BSNL, BHEL (Bharat Heavy Electricals Limited), BEL (Bharat Electronics Limited), BARC etc. Those with NET qualification can apply for Assistant Professor in colleges as well as fellowships in different Government Research Laboratories.

M. Tech in Opto-Electronics & Laser Technology

The Benefits of M. Tech in Opto-Electronics & Laser Technology are:

- More and better Photonics companies are coming for Campus Placement in leading Institutes. Higher salaries are being offered for M. Tec as compared to B.E. or M. Sc.
- M. Tech degree leads to specialization and furthering of interest in a certain area which may lead to Ph. D.
- M. Tech degree is a must for those wishing to apply for Faculty / Research positions in educational Institute R&D centres.
- The M. Tech program is a 4 semester (24 months) program; so get more time to work out career opportunities.
- MOST IMPORTANTLY to get to be a part of any Nationally reputed Educational Institute and enjoy learning and research.

The last few years, students have been selected for Ph. D. programme and JRF Position at various IITs, NITs, CEERI, ISRO and DRDO as well as Universities and research organizations abroad. Some are working as Scientific Officers /Scientist at national level institute like DRDO, RRCAT, ISRO and BARC.

Eligibility

Candidate should have completed Master's Degree in Physics/Electronics/ Material Science/Applied Physics/ Nanotechnology or allied subject or B. Tech/B.E./B.Sc. Engg. Degree in Electronics & Communication Engineering/Electronics Engineering/ Electrical Engineering/ Electrical & Electronics or Telecom Engineering / Instrumentation/ IT / Computer Engg. With a 55% from any recognized University or Institution.

Selection

Eligible candidates will be selected for the Masters of Technology course based on a rank list created from GATE scores. Those applying without a valid GATE score will be required to appear for a Department Admission Test (DAT).

ESTABLISHED IN 1994

- **Analog and Digital Lab.**
- **Opto-Electronics and Microwave Lab.**
- **Analog and Digital Communication Lab.**
- **Microprocessor , Microcontroller & VLSI Design Kit Lab.**
- **Advanced Optical Communication Lab.**
- **Photonics & Organic Electronics Lab**
- **Virtual Instrumentation Lab (LabView).**
- **Advanced computing through MATLAB & its Toolboxes.**
- **Photonic Research Laboratory**
- **Signal Processing Research Lab**

How to Apply

Interested candidates need to apply online at the Pt. Ravishankar Shukla University website. The online application gets completed in two steps, first by filling the online application form, password and ID will be generated. Submit the application fees through the generated bank challan and complete application by uploading scanned copies of your passport size photograph and signature. M. Sc. Admission is through University PG Entrance Test.

Dr. Sanjay Tiwari, ***Professor***
Course Coordinator, M. Tech. in Optoelectronics & Laser Technology.
Call: 9424225771, E-mail: prsu.oelt@gmail.com

Dr. Kavita Thakur, ***Professor & Head***
School of Studies in Electronics & Photonics
Call: 9926801119, E-mail: kavithakur67@gmail.com

Visit: **www.prsu.ac.in**