NIRMA UNIVERSITY
INSTITUTE OF TECHNOLOGY
NAAC ACCREDITED 'A+' GRADE

Advertisement for Junior Research Fellow – Power Electronics Based Power Quality Improvement of Grid

Applications are invited for the post of Junior Research Fellow (JRF) at the Institute of Technology, Nirma University, Ahmedabad for Research Project in the field of Power Electronics Based Power Quality Improvement of Grid Funded by Nirma University.

Project Title: Improving Power Quality of Electric Grid through Harmonic Mitigation using Multilevel Shunt Active Power Filter operated with a Generalized Current Control Technique

Number of Positions: 01

Duration: 1 Year

Eligibility and Qualifications: Minimum Second Class with 55 % marks in Masters / Bachelor Degree in Electrical Engineering / Power Electronics, Machines & Drives / Power Electronics / Electrical Power System. Applicant should be below 35 years of age at the time of application.

Expectation: The experience of hardware development of Power Electronic Systems, ability to work with hardware-in-loop simulators and programming of digital signal processors is preferrable, good knowledge of MATLAB and other electrical system simulation software

The fellowship will be as per the rules and regulations of Nirma University which is as follows.

Category	Research fellowship for Year-1 & Year-2	Research fellowship for Year-3
JRF	₹ 26,290/- per month	₹ 30,030/- per month

Interested candidates may apply by **20th December 2026, 18:00 Hrs** through an email to Prof. Dr. P. N. Tekwani (pn.tekwani@nirmauni.ac.in) / Dr. Siddharthsingh K. Chauhan (siddharthsingh.chauhan@nirmauni.ac.in) in the prescribed format as available on the website of the University at https://nirmauni.ac.in/careers/ under Research Openings. Scan the required score/mark sheets/degree certificate and other document and attach with the application while sending.

The shortlisted candidate will be called for personal interview Online/Offline.

The decision of the Nirma University, Ahmedabad relating to all the process of appointment will be final and binding on the candidates.

No enquiry/correspondence will be entertained in this connection from any individual or any agency on behalf of the candidate.
The original documents of selected candidate will be verified at the time of joining and if any information found false or incorrect, his/her candidature shall be cancelled.

The appointed JRF is required to attend the Institute regularly and needs to follow the rules and regulations of the University.