

NATIONAL INSTITUTE OF FASHION TECHNOLOGY
(A Statutory Institute governed by the NIFT Act 2006)
(Ministry of Textiles, Government of India)
NIFT Campus – Hauz Khas, New Delhi-110016

NIFT invites application from Indian nationals to join as **Junior Research Fellow (JRF), on contract basis, leading to Ph.D. degree** in the research project “**Manufacturing of Sewing Machine Parts and attachments by Additive Manufacturing technique (MSMPAM)**”.

S. No.	Positions	Consolidated Salary	Duration of appointment	Vacancy Location	No. of vacancies
1	JRF	31000/- + HRA @30%	24 months	Delhi	01

Essential Qualifications:

BE/ B.Tech. in Mechanical Engineering/ Tool Engineering with 02 years of experience

OR

PG in Mechanical / Tool Engineering

Desirable Skills:

CAD modeling, Reverse Engineering, FE Analysis (Static + Dynamic), Additive manufacturing (3D printing), knowledge on testing of mechanical properties and Research Report Writing.

Job Responsibility

To work on the project under the guidance of Principal Investigator (PI) and Co-PI for developing CAD models of spare parts via direct 3D modeling/ reverse engineering and carry out FE Analysis of developed CAD models. It includes project report writing while ongoing and on completion of the project. Any other task assigned by PI/ Co-PI for the execution of project

Scope of Research Project

If deemed feasible JRF may be given opportunity to register in PhD program (As per existing norms of NIFT) focused of this research project. The project includes exposure to real industrial environment and has potential of getting the final deliverables (developed 3D printed -sewing machine spare parts) commercialized and filed for IPR, thus enabling better career opportunities on successful completion of the research project.

GENERAL INSTRUCTIONS:

1. Interested and eligible candidates may forward their detailed CVs along with passport sized color photograph on or before **19 December, 2019** to following email address

Dr. Deepak Panghal
Principle Investigator, MSMPAM Project
E-mail: msmpam.nift@nift.ac.in

2. Maximum age, for applying for the above mentioned positions, would be five years less than the retirement age of regular employees (60 years), as on the last date for receipt of CVs/ applications.

3. The candidate should ensure that they fulfill the eligibility (qualification/experience etc.) requirements.

4. Scrutiny of the CVs will be done to ascertain the eligibility and suitability of the candidates and only shortlisted candidates will be called for interview through email.

5. The candidate called for interview is required to bring originals of the educational and experience certificate for verification.

6. NIFT reserves the right to fill or not to fill any/all the positions advertised or postpone the recruitment process of the same.