Job Notification Form, IIT Delhi

Company Overview

Name: Sahajanand Medical Technologies Pvt Ltd

Website: www.smtpl.com

Company Type: Other (Medical Devices)

Description: The SMT journey has been a pledge, a pledge to save millions. With people in over 75 countries benefitting from our minimally invasive coronary intervention devices, we have truly created a journey that has made a difference. We move ahead with the outlook to cover complete cardiovascular treatment support, each day.

Job Details

Designation: Process Engineer

Type: Other (Permanent)

Place of Posting: Surat

Job Details:
1. Participate in cross-functional project teams to implement creative solutions
2. Monitor performance of equipment, machines and tools and correct equipment problems or process parameters that produce non-conforming products, low yields or product quality issues
3. Responsible for identifying and correcting manufacturing process non-conformances identified during prototype builds
4. Lead structured problem solving using six sigma principles to determine root causes and implement solutions and corrective actions
5. Perform data analysis and provide recommendations on trends, correlations, response variables, DOE's etc. in an effort to better understand process interdependencies and establish a capable and robust manufacturing process
6. Lead process optimization and yield improvement activities and conduct technical transfer to manufacturing
7. Coordinate requirement setting to define automation requirements. Perform equipment qualifications
8. Develop manufacturing processes that are applicable to best manufacturing practices and developing those techniques
9. Designing sequence of operations and specifying procedures for the fabrication of tools and equipment and other functions that affect product performance or assists/aids the manufacturing processes
10. Responsible for polymer processing operations using Multilayer and Twin-Screw Extrusion and Injection Molding and Blow Molding Equipment
11. Responsible for Developing Novel Biodegradable Polymer Blends and Composites
12. Mould and Die Designing using SolidWorks
13. Perform Polymer Characterization Study using end-group analysis ,osmometry, light scattering, viscometry, GPC, MALDI-TOF, Infra-red, NMR, UV-visible HPLC, Scanning Electron Microscopy , Transmission Electron Microscopy and Raman spectroscopic techniques.
14. Perform Thermal Characterization of polymer using Differential Scanning Calorimetry and Differential Thermal Analysis

15. Perform Polymer Testing using Tensile, Flexural and Impact Tester using ASTM, ISO,BIS, BS Standard
16. Responsible for Synthesis and Characterization of novel polymeric biodegradable compounds using Polymer Reaction Engineering

Joining By: 4 July 2022

Salary Details

CTC: 750,000 INR Per Annum

Gross: 557,880 INR Per Annum

CTC Breakup:

Details	Monthly	Yearly
Basic	32,543	3,90,516
HRA	11,097	1,33,164
Transport Allowance	1,600	19,200
Medical Allowance	1,250	15,000
Gross Salary (A)	46,490	5,57,880
Deductions		
PF	1,800	21,600
ESIC	-	
Professional Tax	200	2,400
Net Salary	44,490	5,33,880
Additional cost to the company		
Company's PF Contribution	1,800	21,600
ESIC	-	
Gratuity	1,565	18,775
Medical & Life Insurance	518	6,216
Annual Bonus (Paid Annually)		46,488
Incentive		1,00,000
Total (B)	3,883	1,93,079
CTC (A+B)	50,373	7,50,959

Perks / Bonus: 1 LPA Project Performance based Incentive

Selection Process

Resume Shortlist: Yes

Written Test: No

Online Test: Yes

Group Discussion: No

Medical Test: Yes

Personal Interview: Yes

No. of Rounds: 3

No. of 5

Offers:

Minimum CGPA: 7.0

Eligibility

Recruiting PHDs: No

Eligible Departments: M.Tech in Applied Optics, M.Tech in Atmospheric-Oceanic Science and Technology, M.Tech in Biomedical Engineering, M.Tech in Chemical Engineering, M.Tech in Communications Engineering, M.Tech in Computer Science & Engineering, M.Tech in Computer Technology, M.Tech in Construction Engineering & Management, M.Tech in Control & Automation, M.Tech in Energy & Environment Technologies and Management, M.Tech in Energy Studies, M.Tech in Engineering Analysis & Design, M.Tech in Environmental Engineering & Management, M.Tech in Fibre Science & Technology, M.Tech in Geotechnical and Geoenvironmental Engineering, M.Tech in Industrial Engineering, M.Tech in Industrial Tribology & Maintenance Engineering, M.Tech in Instrument Technology, M.Tech in Integrated Electronics & Circuits, M.Tech in Materials Engineering, M.Tech in Mechanical Design, M.Tech in Molecular Engineering: Chemical Synthesis & Analysis, M.Tech in Optoelectronics & Optical Communication, M.Tech in Polymer Science & Technology, M.Tech in Polymer Science and Technology, M.Tech in Power Electronics, Electrical Machines & Drives, M.Tech in Power Systems, M.Tech in Production Engineering, M.Tech in Radio Frequency Design & Technology, M.Tech in Rock Engineering & Underground Structures, M.Tech in Solid State Materials, M.Tech in Structure Engineering, M.Tech in Telecommunication Technology & Management, M.Tech in Textile Chemical Processing, M.Tech in Textile Engineering, M.Tech in Thermal Engineering, M.Tech in Transportation Engineering, M.Tech in VLSI Design Tools & Technology, M.Tech in Water Resources Engineering, M.S.(R) in Biochemical Engineering and Biotechnology, M.S.(R) in Biological Sciences, M.S.(R) in Telecommunication Technology and Management, M.S.(R) in Civil Engineering, M.S.(R) in Chemical Engineering, M.S.(R) in Computer Science & Engineering, M.S.(R) in Electrical Engineering, M.S.(R) in Sensors, Instrumentation and Cyber-physical System Engineering, M.S.(R) in Automotive Research and Tribology, M.S.(R) in VLSI Design Tools and Technology, M.S.(R) in Mechanical Engineering, M.S.(R) in Materials Science and Engineering, M.S.(R) in Information Technology