



ਆਈ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਜਲੰਧਰ, ਕਪੂਰਥਲਾ
I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY JALANDHAR, KAPURTHALA
Centre for Training and Placement

Ref. No. IKGPTU/T&P/...362.....

Dated...15/Sept/2021

Directors/ Principals

All the University Campuses & it's Affiliated Colleges

I K Gujral Punjab Technical University Jalandhar

Sub: Sagar Defence Engineering Pvt. Ltd. - Joint Campus Placement Drive.

Respected Sir/Madam

I K Gujral Punjab Technical University invite students of its campuses & affiliated colleges to participate in Sagar Defence Engineering Pvt. Ltd. - Joint Campus Placement Drive as per details mentioned below:-

Designation	:	JDs attached
Course/ Stream	:	B.Tech/ M.Tech (ECE/EE/ME)/ BBA & MBA (Details attached)
Salary Package	:	During training: 12k per month After training: 3.00 to 5.00 LPA
Batch Eligible	:	2025 passed out & 2026 passing out

Interested students may register at the link mentioned below:-

<https://docs.google.com/forms/d/1jWYDRHctm6j5cTFRz3zvnvNpSVIOzECHuOSZkcA0d9o/edit>

You are requested to kindly direct the Training & Placement Officer/ Faculty Coordinator of your campus/ college to share the information with the concerned students. Last date of online registration is 19-Sept-25 before 1400 hrs.

Date & Time of the selection process will be informed later on.

For any further queries, you may please call the undersigned @ 91-94780-98136.

With profound regards,

Er. Mohit Jain

Assistant Registrar (T&P)

CC:

1. SVC: For kind information of the Hon'ble Vice Chancellor
2. Registrar: For kind information
3. Head (CT&P): For kind information
4. Deputy Director (T&P): For kind information
5. DR (ITS) - To upload at University website
6. File.

"Propelling Punjab to a prosperous Knowledge Society"

I.K. Gujral Punjab Technical University

Jalandhar-Kapurthala Highway, Kapurthala -144 603. Phone : 01822-282580

E-mail : placements@ptu.ac.in **Website :** www.ptu.ac.in

JOB DESCRIPTION

SAGAR DEFENCE ENGINEERING PVT. LTD.

Company Overview

Sagar Defence Engineering pioneers' Autonomous and Unmanned Technologies to enhance efficiency, safety, and cost-effectiveness across the maritime, defence, and aviation sectors. Guided by our tagline "*Intelligence Open To Ideas,*" we champion innovation and adaptability in unmanned systems. Our platform-agnostic solutions integrate secure, sustainable hardware and software to meet the evolving needs of new-age mobility. As a symbol of *Atmanirbhar Bharat*, we strive to empower India's technological future while preserving human lives through intelligent automation.



Job Title: SMT Operator

Stipend: 12,000/ month

Package: 3-5 LPA

We are looking for a detail-oriented SMT Operator to run and maintain Surface Mount Technology machines used in assembling electronic components onto printed circuit boards (PCBs). The ideal candidate will ensure smooth machine operation, perform quality checks, and support production efficiency.

Key Responsibilities:

- Set up and operate SMT machines
- Load components and materials into feeders and machines
- Monitor machine performance and adjust settings as needed
- Inspect assembled PCBs for defects using magnifiers or AOI systems
- Perform basic maintenance and cleaning of SMT equipment
- Follow safety, ESD, and quality control procedures
- Record production data

Qualifications:

- ITI, Diploma, or equivalent in Electronics or related field
- Basic knowledge of electronic components and PCB assembly
- Experience with SMT machines is preferred
- Willingness to follow safety protocols

Job Title: PCB Design Engineer

Stipend: 12,000/ month

Packages: 3-5 Lakhs

A motivated and detail-oriented PCB Design Engineer is required to develop and optimize printed circuit board (PCB) layouts for electronic products. The role includes close collaboration with electrical and mechanical engineering teams to ensure functional, manufacturable, and cost-effective designs that meet performance targets.

Key Responsibilities:

- Assist in the creation of PCB layouts using CAD tools according to design requirements.
- Collaborate with senior engineers to understand schematics and translate them into PCB designs.
- Perform design rule checks (DRC) and ensure adherence to PCB manufacturing standards.
- Support prototype assembly and testing activities.
- Document design processes and maintain design records.
- Learn and apply industry best practices in PCB design and fabrication.

Qualifications:

- Bachelor's degree in Electronics Engineering, Electrical Engineering, or similar discipline.
- Basic understanding of PCB layout design principles and EDA tools.
- Good analytical and problem-solving skills.
- Passion to learn and grow in hardware and electronics design.
- Strong understanding of electronic components, circuit theory, and manufacturing processes

Job Title: Embedded Engineer

Stipend: 12,000/ month

Packages: 3-5 Lakhs

This role is ideal for recent graduates with a background in electrical or electronics engineering who are passionate about embedded systems. It involves hands-on development of firmware and close collaboration with hardware teams on innovative product development.

Key Responsibilities:

- Assist in the design, development, and testing of embedded systems for consumer or industrial products.
- Write and debug firmware/software for microcontrollers and embedded platforms (e.g., ARM, PIC, AVR).
- Work with sensors, actuators, and communication protocols (I2C, SPI, UART, CAN, etc.).
- Support PCB design and circuit debugging in collaboration with hardware teams.
- Participate in hardware/software integration, testing, and validation.
- Document code, designs, and processes according to company standards.

Qualifications:

- Bachelor's degree in electrical engineering, Electronics Engineering, or a related field
- Basic knowledge of C/C++ for embedded systems.
- Understanding of microcontroller/microprocessor architectures.
- Familiarity with basic electronic components and circuits.
- Eagerness to learn and adapt to new technologies and tools.
- Strong analytical and problem-solving skills.

Job Title: VLSI Engineer

Stipend: 12,000/ month

Packages: 3-5 Lakhs

We are looking for passionate and motivated VLSI Design Engineers to join our hardware design team. The ideal candidate will be involved in the design, verification, and implementation of cutting-edge semiconductor solutions, working on ASIC/FPGA development across multiple domains including digital design, verification, physical design, and DFT.

Key Responsibilities:

- Design and implement digital logic blocks using Verilog/VHDL/SystemVerilog.
- Perform RTL design, synthesis, and timing analysis for ASIC/FPGA architectures.
- Conduct functional and formal verification using UVM or similar methodologies.
- Collaborate with architecture, verification, and physical design teams to ensure robust and efficient designs.
- Analyze timing, area, and power metrics to optimize performance.
- Document design specifications, test plans, and project status.

Qualifications:

- Bachelor's or Master's degree in Electronics, Electrical Engineering, or a related field
- Solid understanding of digital electronics and CMOS logic design
- Familiarity with Verilog or VHDL and simulation tools such as ModelSim or Vivado
- Basic knowledge of FPGA/ASIC development flow
- Good logical reasoning, problem-solving skills, and attention to detail

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Job Title: Graduate Engineer Trainee (GET)

Stipend: 12,000/ month

Package: 3-5 LPA

We are looking for dynamic and enthusiastic **Graduate Engineer Trainees (GET)** with a Mechanical Engineering background to join our engineering team. The role offers exposure to both practical and design aspects of mechanical engineering. You'll be working closely with experienced engineers in areas like equipment maintenance, system troubleshooting, mechanical design, and process optimization.

Key Responsibilities:

- Assist in the installation, maintenance, and repair of mechanical systems and equipment.
- Troubleshoot mechanical failures and support corrective actions.
- Work under supervision to execute mechanical tasks and gain hands-on experience with industrial equipment.
- Contribute to the design and development of mechanical components and systems.
- Create detailed 2D/3D CAD drawings and models using SolidWorks, AutoCAD, or CATIA.
- Conduct engineering analysis such as stress, thermal, and motion simulations.
- Participate in prototype development and testing; analyse performance data and suggest improvements.
- Prepare technical documentation including reports, specifications, and manuals.
- Stay informed about emerging technologies and new manufacturing techniques.
- Ensure compliance with safety standards and environmental regulations.

Qualifications:

- Bachelor's or master's degree in mechanical engineering or a related field.
- Knowledge of mechanical systems, materials, and production processes.
- Proficient in CAD software (SolidWorks, AutoCAD, CATIA preferred).
- Strong analytical and problem-solving skills.
- Good communication and teamwork abilities.
- Basic understanding of safety protocols and industry regulations.
- Willingness to learn, adapt, and grow within a fast-paced environment.

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Job Title: Executive Assistant

Stipend: 12,000/ month

Package: 3-5 LPA

The selection process is aimed at offering **full-time employment**. However, in exceptional cases, students may be offered **internships**. Outstanding performance during the internship may lead to a **Pre-Placement Offer (PPO) for a full-time role**.

The Executive Assistant will provide high-level administrative support to the C-suite, ensuring efficient management of daily operations and strategic initiatives. This position is suited for a professional with at least one year of relevant experience in executive support or administrative functions, preferably within a financial or corporate setting.

Key Responsibilities:

- Manage and maintain the C-suite calendar, appointments, and meetings
- Coordinate travel arrangements and expense reports
- Prepare agendas, take minutes, and follow up on action items from meetings
- Handle confidential financial documents with discretion
- Assist in the preparation of financial reports and presentations
- Liaise with internal departments and external stakeholders
- Organize and maintain digital and physical filing systems
- Support C-suite in project tracking and deadline management
- Conduct basic research and compile data for financial analysis

Required Skills & Qualifications:

- A Bachelor's or Master's degree in Business Administration, Finance, Human Resources, or a closely related field. Relevant certifications in Executive Assistance is preferred.
- Minimum 1 year of experience in an executive assistant or administrative role
- Strong organizational and time-management skills
- Excellent written and verbal communication
- Proficiency in Microsoft Office Suite (Word, Excel, PowerPoint)
- Ability to handle sensitive information with confidentiality
- Attention to detail and problem-solving mindset
- Interpersonal skills

Job Title: HR Associate

Stipend: 12,000/ month

Package: 3-5 LPA

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We are seeking an enthusiastic and detail-oriented HR Intern to join our Human Resources team. This internship is ideal for fresh graduates or students pursuing a degree in HR or related fields who are eager to gain hands-on experience in core HR functions.

Key Responsibilities:

- Update employee records and internal databases
- Assist in screening resumes and scheduling interviews
- Help organize onboarding and orientation programs
- Post job ads and manage recruitment platforms
- Address employee queries and assist with policy distribution
- Participate in organizing company events and engagement activities

Qualifications:

- Pursuing or completed a degree in HR, Business Administration, or related field
- Strong communication and organizational skills
- Familiarity with MS Office
- Basic understanding of labor laws and HR processes
- Eagerness to learn and contribute to a team environment

Job Title: Marketing Executive

Stipend: 12,000/ month

Package: 3-5 LPA

The selection process is aimed at offering **full-time employment**. However, in exceptional cases, students may be offered **internships**. Outstanding performance during the internship may lead to a **Pre-Placement Offer (PPO) for a full-time role**.

A dynamic and creative individual is sought for the role of Marketing Executive at an entry level. This position is ideal for recent graduates who are eager to begin a career in marketing. The role offers exposure to key areas including **content writing**, **social media management**, and **graphic design**, with opportunities to contribute to brand-building initiatives and digital campaigns.

Key Responsibilities:

- **Content Writing**
 - Assist in drafting blogs, website content, and product descriptions
 - Adapt content for various platforms while maintaining brand tone
 - Check and improve writing to make it clear and easy to understand
- **Social Media Management**
 - Help schedule and publish posts across platforms such as Instagram, LinkedIn, Facebook, and X
 - Monitor engagement and assist in community interaction
 - Research current trends and propose ideas to enhance visibility
- **Graphic Design**
 - Create basic visual assets using tools like Canva or Adobe Express
 - Collaborate with the design team to produce marketing creatives and presentations
 - Ensure brand consistency across all visual materials

Qualifications:

- Bachelor's or master's in marketing, Communication, Design, or related field
- Freshers or final-year students encouraged to apply
- Strong writing, creativity, and digital marketing basics
- Familiar with Canva, Figma, Adobe Suite (Photoshop, Premiere Pro)