



**Guru Gobind Singh Indraprastha University**  
“A State University established by the Govt. Of NCT Delhi”  
Sector 16-C, Dwarka, New Delhi – 110078



F. No.: GGSIPU/CCGPC/2023/\_602

7<sup>th</sup> June 2023

**Sub. Placement opportunity for B.Tech students of GGSIP University passing out in the year 2023 in the company “AVL”.**

Dear Placement Officer,

Greetings from CCGPC, GGSIPU!!!

Please find below details of Placement opportunity for B.Tech students of GGSIP University passing out in the year 2023 in the company “AVL” for your reference and circulation to students to apply on given link by **8<sup>th</sup> June 2023, 5:00 PM:**

**Registration Link – <https://forms.gle/R6TiEMxAqQJbv2Ww6>**

**Name of Company: AVL**

**Job Role:**

- 1) Application Engineer  
Full time

**Education Required:** B.TECH in Mechatronics/ Instrumentation/ Electrical/Engineering  
Job Location – Gurugram

- 2) Application Support Engineer (ICE Combustion and Consumption Measurement)  
Full time

**Education Required:** B.TECH in Automotive / Mechanical Engineering  
Job Location – Gurugram

**Academic % Cut-off:** 70% throughout

**Package Details:**

- 1) For initial 6 months 25,000/- Gross Trainee
- 2) After 6 months 4.5 LPA CTC (Trainee Engineer)
- 3) After one and half year 5.5 LPA (Engineer)
- 4) After two and Half year 7 LPA

**Bond Details (if applicable):** Three Lakh and Three Years (Students need not pay any amount at joining. In case he/she leaves the organization before three years he/she has to pay the whole amount.

Please find the JD's attached for more information for the above position.

LAST DATE FOR REGISTRATION IS **8<sup>th</sup> June 2023 by 5:00 PM.**

(Ms. Nisha Singh)  
Training and Placement Officer,  
CCGPC, GGSIP University



**Job Role:** Application Engineer

**Full time Education Required:** B.E / B.TECH in Mechatronics/ Instrumentation/ Electrical/ Engineering from a recognized university / Institution.

**Job Location-** Gurugram

**Experience Required:** Fresher.

**Company profile:**

AVL with its headquarters in Graz, Austria is one of the world's leading mobility technology companies for development, simulation and testing in the automotive industry, and in other sectors. Drawing on its pioneering spirit, the company provides concepts, solutions, and methodologies for a greener, safer, and better world of mobility. AVL constantly expands its portfolio of high-end methodologies and technologies in the areas of vehicle development and testing. With a holistic approach - from ideation phase to serial production - the company covers vehicle architectures and platform solutions including the impact of new propulsion systems and energy carriers. To achieve the vision of climate-neutral mobility, AVL drives innovative and affordable solutions for all applications - from traditional to hybrid to battery and fuel cell electric technologies. As a global technology provider, AVL's offerings range from simulation, virtualization and test automation for product development to ADAS/AD and vehicle software. The company combines state-of-the-art and highly scalable IT, software and technology solutions with its application know-how, thereby offering customers extensive tools in areas such as Big Data, Artificial Intelligence, Cybersecurity or Embedded Systems.

**Job Responsibility:**

- Responsible for providing technical support on power analysis in Electric Motor, Inverter, and batteries for automotive applications (EVs and PHEVs). Power analyzer are used for following :
  - Power and Efficiency Calculations of individual components electrical as well as mechanical
  - Inverter's Id, Iq, Ud and Uq result calculations.
  - NVH measurement on E motors and Inverters
  - State of Charge of battery
  - Chargers' efficiency calculation
  - Parameterization and Result definition for real time calculations
  - Interfacing with Automation systems
- Supports the sales process with demos and technical discussions.
- Delivers product- application, service, and system-knowhow.
- Conducts product demonstrations at events (e.g. TechDays, webinars etc)
- Benchmarking the Products
- Interacts with Product Management for product development and market launches.
- Provides market feedback for future product development and innovative approaches.
- Stays abreast of development activities in the industry and creates/implements corresponding action plans.
- Works with Business Development to create strategic plans and product enhancements.
- Develops and maintains customer relationships.
- Work with Global product managers.

**Skills and Attributes required:**

- Strong fundamental knowledge in
  - Data Acquisition, Current Transducers, Voltage probes, Measurement accuracies
  - E - Motor, Inverter, Batteries, e-Drive system, and their integrated solutions.
- Profound analytical and conceptions skills
- Ability for travel



**Job Role:** Application Support Engineer (ICE Combustion and Consumption Measurement)

**Full time Education Required:** B.E / B.TECH in Automotive / Mechanical Engineering from a recognized university/Institution.

**Job Location-** Gurugram

**Experience Required:** Freshers / 1year.

**Company profile:**

AVL with its headquarters in Graz, Austria is one of the world's leading mobility technology companies for development, simulation and testing in the automotive industry, and in other sectors. Drawing on its pioneering spirit, the company provides concepts, solutions, and methodologies for a greener, safer, and better world of mobility. AVL constantly expands its portfolio of high-end methodologies and technologies in the areas of vehicle development and testing. With a holistic approach - from ideation phase to serial production - the company covers vehicle architectures and platform solutions including the impact of new propulsion systems and energy carriers. To achieve the vision of climate-neutral mobility, AVL drives innovative and affordable solutions for all applications - from traditional to hybrid to battery and fuel cell electric technologies. As a global technology provider, AVL's offerings range from simulation, virtualization and test automation for product development to ADAS/AD and vehicle software. The company combines state-of-the-art and highly scalable IT, software and technology solutions with its application know-how, thereby offering customers extensive tools in areas such as Big Data, Artificial Intelligence, Cybersecurity or Embedded Systems.

**Job Responsibility:**

- Responsible for providing complete technical solution of to various leading Application Support to INDIAN OEMs in their measurement program.
- Technical assistance and main contact for a Combustion analysis and its measurement chain.
  - Engine and Signal Parameterization in Indicom software.
  - Instrumentation of cylinder head with Piezo electric, Piezo resistive and current clamps for combustion analysis
  - Standard as well as advanced optical analysis of in-cylinder combustion analysis
- Consumption Measurement: Engine fuel, air and blow by consumption.
- Application support for testbed as well as in-vehicle measurement.
- Delivers product-, application-, service and system-knowhow.
- Prepares presentations and conducts product demonstrations at customer meetings and events (e.g. TechDays, webinars)
- Communicates the technical benefits of AVL products and services.
- Benchmarking the Products
- Interacts with Product Management for product development and market launches.
- Provides market feedback for future product development and innovative approaches.
- Stays abreast of development activities in the industry and creates/implements corresponding action plans.
- Works with Business Development to create strategic plans and product enhancements.
- Develops and maintains customer relationships.
- Work with Global product managers.

**Skills and Attributes required:**

- Strong fundamental knowledge on I. C Engine, Thermodynamics, Flow measurements
- Profound analytical and conceptions skills
- Ability for travel