



## CENTRALISED CAREER GUIDANCE & PLACEMENT CELL

Guru Gobind Singh Indraprastha University

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F. No. GGSIPU/CCGPC/2021/ 286

Dated: 16<sup>th</sup> December 2021

### Sub. Placement opportunity for B.Tech/M.Tech 2021 and 2022 passing out batch students in the company “Perfect RFID Pvt Ltd.”

Dear Placement Officer,

Greetings from CCGPC, GGSIPU!!!

Please find below details of Placement opportunity for B.Tech/M.Tech 2021 and 2022 passing out batch students in the company “Perfect RFID Pvt. Ltd.” for your reference and circulation to students to apply on given link **by 19<sup>th</sup> December 2021:**

**Registration Link –** <https://forms.gle/o6Qoq4oWCqoXK9pZ6>

**Company:-** Perfect RFID Pvt. Ltd.

#### **About Company:-**

Headquartered in the USA , Perfect RFID is India’s 1st Fully Automated RFID Tag Manufacturing Company. With its state-of- the-art lab, Perfect RFID is a leading developer and manufacturer of high quality and smart UHF RAIN RFID inlays and tags.

With a combined experience of over 50 years in the field of RFID tag manufacturing, we are dedicated to provide a platform to automate and improve workload balance while identifying and removing bottlenecks and increasing the efficiency, all the while maximising the correct use of production resources to increase customer satisfaction and reduce costs. Our focus is on converting and manufacturing RFID labels of unparalleled quality to be used in range of applications, starting from Automated Toll Collection to Supply Chain Management, from Identity Authentication to Asset Management, and many more.

**Website:-** [www.syrma.com](http://www.syrma.com) / [www.perfectrfid.com](http://www.perfectrfid.com)

Please find the below mentioned details –

1. Branches Allowed: B.Tech / M.Tech ECE
2. Eligibility Criteria (Percentage): Min 60%
3. Gender(Male/Female/Both): both
4. Package: 3 LPA - 4.5 LPA
6. Selection Process: Interview
7. Mode of Interview: (Physical/Virtual): Virtual and Final interview will be Physical only
8. Designation: R & D
9. Bond: No
10. Location: IMT Manesar(Gurgaon)

### **Job Responsibilities:-**

- RFID passive tag design and development,
- Research on new design & design a prototype via 3D printed plastic.
- Reader knowledge and software development (via SDK).
- Antenna designing,
- Semi-passive RFID tags On/Off metal UHF tags designing,
- UHF, HF, and LF passive tag designing.
- Product Design & Development,
- PCB designing, Schematic design in Electronics,
- Embedded C Micro Controller Programming,
- Circuit assembling and testing, Circuit Designing,
- SMD Component assembling & repairing.

### **Skills:-**

- Power electronic product design & development, circuit designing, circuit assembling, and testing, prototype designing.
- RFID tag designing (passive and semi-passive), RFID reader, RFID antenna designing, Bluetooth Low Energy tag designing, and firmware development.
- Knowledge of frequency spectrum analyzer, oscilloscope, and 3D printer (FDM) operation.
- PCB designing and circuit simulation.
- Embedded C / C ++ & Embedded programming.
- Hands-on working experience with microcontroller programming and peripheral interfacing: Atmel microcontrollers of AT tiny & AT mega-series, 8051 microcontroller, and STM8 microcontrollers, Seven segment displays, LCD display, interrupt routines, GLCD displays, ARM Microcontrollers. SPI and I2C communication protocol.
- Software: Sonnet (RFID & EM Simulation), ORCAD 10.5, ATMEL STUDIO, PROTEUS, MATLAB (Basic), KEIL, Corel Draw, Altium Designer, Photoshop Basic and Lab view (Basic), Microsoft Visual Studio (.net) (Basic) & Android Studio (Basic), Basic knowledge of Ansys.
- Ability to work on multiple projects simultaneously.
- Ability to make sound decisions.
- Learning attitude and adaptability.
- Strong analytical and people management skills



**(Ms. Nisha Singh)**  
Placement Officer, CCGPC