



WORK OFFER

Ref. No. IN-2020-41402-MJ

Employer Information

Employer: Manipal University Jaipur
Research and development
Manipal University Jaipur
303007 Jaipur
India

Website: jaipur.manipal.edu

Location of placement: Jaipur
Nearest airport: Jaipur Airport
Working hours per week: 40.0
Working hours per day: 8.0

Number of employees: 450
Business or products: Education

Student Required

General Discipline: 14C-ELECTRICAL AND ELECTRONICS ENGINEERING

Completed years of study: 3

Field of Study: 14.1001-Electrical and Electronics Engineering

Student status requirements: required during entire period of internship

Language required: English Excellent

Required Knowledge and Experiences:

Other requirements:
Working knowledge of Simulation Software of Antenna design like CST, IE3D is required.

Work Offered

The research work provides an insight into the flexible electronics that has reached a certain degree of maturity in meeting the requirements of tightly assembled electronic packaging and providing reliable electrical connections. In this context, the textile antenna plays a key role in the integration and packaging of wireless communication devices and sensor networks. The textile antenna would be designed in such a manner that the resonant peak frequency remains unaffected after bending, stretching, or twisting. The textile antennas can be embedded into materials such as fabrics, bandages, stickers, and bendable displays. The research work has a specific objective to design a robust, high-gain and low-cost textile antenna, having low SAR and which would be embedded in military apparels and backpacks and would be able to cover multiple communication bands for telemetry and GPS applications (1.5 GHz- 2.5 GHz). By this approach the personnel would be able to maintain a secure and reliable internet connection all the time, hence, connectivity would be maintained.

Number of weeks offered: 8 - 8

Working environment: Research and development

Within the months: 01-JUL-2020 - 30-SEP-2020

Gross pay: 5000 INR / Month

Or within: -

Deduction to be expected: 0%

Company closed within: -

Payment method / time of first / payment:

Latest possible start date:

Accommodation

Canteen at work: Yes

Expected type of accommodation: Student dormitory

Estimated cost of lodging: 0 INR / Month

Accommodation will be arranged by: IAESTE

Estimated cost of living incl. lodging: 5000 INR / Month

Additional Information

The intern shall be provided with FREE Accommodation. This is to be considered an 'Early AC Offer'. IAESTE India will expect an offer in return from the accepted student's country. Thank you.

Nomination Information

Deadline for nomination: 10-JAN-2020

Date: 18-NOV-2019

On behalf of receiving country: Siddharth Chadha