



WORK OFFER

Ref. No. IN-2023-A1103-JC

Employer Information

Employer: JECRC University
Research & Development
Plot No. IS-2036 to 2039, Sitapura Industrial Area Extn,
Ramchandrapura
Near Mahatma Gandhi Hospital, Vidhani Village
303905 Jaipur
India

Website: www.jecrcuniversity.edu.in

Location of placement: Work from home
Nearest airport: Jaipur International Airport
Working hours per week: 35.0
Working hours per day: 7.0

Number of employees: 200
Business or products: Educational Institute

Student Required

General Discipline: COMPUTER AND INFORMATION SCIENCES;
BUSINESS, MANAGEMENT, AND MARKETING

Completed years of study: 1

Field of Study: Computer and Information Sciences, General.;
Computer Systems Analysis/Analyst.;Computer
Science.;Logistics, Materials, and Supply Chain
Management.

Student status requirements: Yes

Language required: English Good (B1, B2)

Required Qualifications and Skills: WAN (wide area network) | Report Writing | LAN (local area network)

Other requirements:

UWB band-Antenna Software

Work Offered

Aim: Intern will learn designing through HFSS and CST software and with that hardware part for the same will also be covered. The intern will design following antennas :-
ANTENNA-1: This deals with the designing of microstrip patch antennas with new methodologies for creating dual notched properties with the using slot technology: CPW fed UWB antenna (for X-Band and WLAN notching).The characteristics of these designs will be tested on Ansoft HFSS software.
ANTENNA-2: This work deals with the new methodologies for providing band notched characteristics with the help of slot technology: L and U slot (for C-Band / WLAN notching), CSRR Slot and EBG structure (for WiMAX and WLAN notching), miniaturization in feed line (for WLAN band notching), CPW fed UWB antenna (for X-Band and WLAN notching). The performances of these designs have been studied using standard simulation tool i.e., Ansoft HFSS.

Number of weeks offered: 6 - 8
Working environment: Research and development

Within the months: 20-JUL-2023 - 19-SEP-2023
Gross pay: 15000 INR / Month

Or within: -
Deduction to be expected: 0%

Company closed within: -
Payment method / time of first payment: Cash /

Latest possible start date:

Accommodation

Canteen at work: Yes

Expected type of accommodation: Student dormitory
Estimated cost of lodging: 10000 INR / Month

Accommodation will be arranged by: IAESTE
Estimated cost of living incl. lodging: 12000 INR / Month

Additional Information

Nomination Information

Deadline for nomination: 15-MAR-2023

Date: 12-FEB-2023
On behalf of receiving country: IAESTE India