

# PRESIDENCY UNIVERSITY

Bengaluru

Department of Electronics and Communication Engineering



## Certificate

This is to certify that the University Project II work entitled HEAXPOD ROBOT was carried out by MR.CHIRANJIVI.M (ID: 2016ECE001),MR.LIONEL ZACHARIAS.C (ID NO 2016ECE076) and MR.JOHN STEPHEN.S (ID No. 2016ECE079) who are bonafide students of VIII Semester B.Tech. Electronics and Communication Engineering in Presidency University. This is in partial fulfillment of the course work in place of Professional Practice II of Bachelor of Engineering in Presidency University, Bengaluru, during the year 2019-2020.

  
Dr. K. Bhanu Rekha

Supervisor & Assistant Professor  
Department of Electronics and  
Communication Engineering


  
Dr. Shilpa Mehta

Professor & Head  
Department of Electronics and  
Communication Engineering

Examiner-1



Examiner-2



  
REGISTRAR  


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Department of Electronics and Communication Engineering



GAIN MORE KNOWLEDGE  
REACH GREATER HEIGHTS

## Certificate

This is to certify that the University Project – II work entitled “**STUDY OF SMALL MEDIUM ENTERPRISES MANAGEMENT IN MANUFACTURING HIGH PRECISION WIRE WOUND RESISTORS**” was carried out by Mr. Jerald Rolance (ID No. 2016ECE107) who is bonafide student of VIII Semester B.Tech. Electronics and Communication Engineering in Presidency University. This is in partial fulfillment of the course work in place of Professional Practice – II of Bachelor of Engineering in Presidency University, Bengaluru, during the year 2019-2020.

**Mr. Muthupandi G**

Assistant Professor

Department of Electronics and  
Communication Engineering

**Dr. Shilpa Mehta**

Professor & Head

Department of Electronics and  
Communication Engineering

Examiner-1

Examiner-2

  
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## Certificate

This is to certify that the University Project – II work entitled “**Enhancing Efficiency & Productivity: Using Development Boards To Obtain Real Time Data Over An IoT Platform**” was carried out by **Mr. Vusa Naveen**(ID No. **2016ECE138**) who are bonafide students of VIII Semester B.Tech. Electronics and Communication Engineering in Presidency University. This is in partial fulfillment of the course work in place of Professional Practice – II of Bachelor of Engineering in Presidency University, Bengaluru, during the year 2019-2020.



**Mr. Muthu Pandi.G**


Supervisor & Assistant Professor  
Department of Electronics and  
Communication Engineering



**Dr. Shilpa Mehta**

Professor & Head  
Department of Electronics and  
Communication Engineering

Examiner-1



Examiner-2



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Registrar  
BANGALORE

May, 2020

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Bengaluru

Department of Electronics and Communication Engineering



## Certificate

This was to certify that the University Project – II work entitled “Design and development of compact high performance planar antenna for L-band satellite positioning system (SPS) or NaVIC applications” was carried out by Mr. Arshad Patel (ID No. 2016ECE002), Mr. Rajshekar S (ID No. 2016ECE027), Ms. Kavitha A (ID No. 2016ECE060) and Ms. Bindhu P (ID No. 2016ECE066) who are bonafide students of VIII Semester B.Tech. Electronics and Communication Engineering in Presidency University. This was in partial fulfillment of the course work in place of Professional Practice – II of Bachelor of Engineering in Presidency University, Bengaluru, during the year 2019-2020.

  
**Dr. Sreenivasappa BV**

Supervisor & Associate Professor  
Department of Electronics and  
Communication Engineering

  
**Dr. Shilpa Mehta**

Associate Professor & Head  
Department of Electronics and  
Communication Engineering

Examiner-1  \_\_\_\_\_

Examiner-2  \_\_\_\_\_

  
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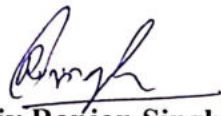
Bengaluru

Department of Electronics and Communication Engineering



## CERTIFICATE

This is to certify that the University Project – II work entitled “SMART HELMET” was carried out by Mr. Ghouri Iqbal Khan (ID No. 2016ECE105), Ms. Syeda Zeba Naiyer (ID No. 2016ECE133), Mr. Zafar Khan (ID No. 2016ECE147) and Mr. Subhankar Ray (ID No. 2017LEC002) who are bonafide students of VIII Semester B.Tech. Electronics and Communication Engineering in Presidency University. This is in partial fulfillment of the course work in place of Professional Practice – II of Bachelor of Engineering in Presidency University, Bengaluru, during the year 2019-2020.



**Dr. Rajiv Ranjan Singh**

Supervisor & Professor

Department of Electronics and  
Communication Engineering



**Dr. Shilpa Mehta**

Professor & Head

Department of Electronics and  
Communication Engineering

Examiner-1



Examiner-2



  
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Department of Electronics and Communication Engineering



## Certificate

This is to certify that the University Project – II work entitled “PLANT LEAF DISEASE DETECTION AND SOIL CONDITION MONITORING SYSTEM USING CNN” was carried out by Mr. Kaushik N (ID No. 2016ECE003), Mr. Nikhil K G (ID No. 2016ECE042), Ms. Sulagna Sarkar (ID No. 2016ECE043) and Mr. Syed Altaf (ID No. 2016ECE132) who are bonafide students of VIII Semester B.Tech. Electronics and Communication Engineering in Presidency University. This is in partial fulfillment of the course work in place of Professional Practice – II of Bachelor of Engineering in Presidency University, Bengaluru, during the year 2019-2020.



**Ms.Natya.S**

Supervisor & Assistant Professor  
Department of Electronics and  
Communication Engineering

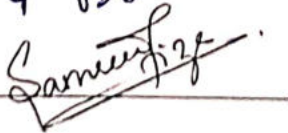


**Dr. Shilpa Mehta**  
Professor & Head  
Department of Electronics and  
Communication Engineering

Examiner-1



Examiner-2



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Department of Electronics and Communication Engineering



## Certificate

This is to certify that the University Project – II work entitled “IMPLEMENTATION OF AUTOMATIC BATTERY CAR CHARGING SYSTEM USING SOLAR POWER” was carried out by Mr. Hareef D (ID No. 2016ECE063), Mr. Vijaykumar Dalali (ID No. 2016ECE065) and Ms. Sukeshni (ID No. 2016ECE069) who are bonafide students of VII Semester B.Tech. Electronics and Communication Engineering in Presidency University. This is in partial fulfillment of the course work in place of Professional Practice – II of Bachelor of Engineering in Presidency University, Bengaluru, during the year 2019-2020.

**Ms. Akshaya M Ganorkar**  
Supervisor & Assistant Professor  
Department of Electronics and  
Communication Engineering

**Dr. Shilpa Mehta**  
Professor & Head  
Department of Electronics and  
Communication Engineering

Examiner-1  \_\_\_\_\_

Examiner-2  \_\_\_\_\_

Presidency University, Bengaluru / Report on University Project - II/B.Tech. Electronics and Communication Engineering / May, 2020



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## Certificate

This is to certify that the University Project – II work entitled “Multi focus Image Fusion with refined weighted adaptive edge preserving filter” was carried out by Mr. Balla Badarinath (ID No. 2016ECE096), Mr. Dandyala Sai Bhargav (ID No. 2016ECE101), Mr. Penmatsa Sai Varma (ID No. 2016ECE125), Mr. Poreddy Venkata Mahendra Kumar Reddy (ID No. 2016ECE126) and Mr. Sanniboina Malakonda Rayudu (ID No. 2016ECE128) who are bonafide students of VIII Semester B.Tech. Electronics and Communication Engineering in Presidency University. This is in partial fulfillment of the course work in place of Professional Practice – II of Bachelor of Engineering in Presidency University, Bengaluru, during the year 2019-2020.



**Mr. G Tirumala Vasu**

Supervisor & Assistant Professor

Department of Electronics and  
Communication Engineering



**Dr. Shilpa Mehta**

Professor & Head

Department of Electronics and  
Communication Engineering

Examiner-1



Examiner-2





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## Certificate

This is to certify that the University Project – II work entitled “NURSE CALL SYSTEM” was carried out by MS. PRATHIBHA CM(ID No. 2016ECE030), who are bonafide students of VIII Semester B.Tech. Electronics and Communication Engineering in Presidency University. This is in partial fulfillment of the course work in place of Professional Practice – II of Bachelor of Engineering in Presidency University, Bengaluru, during the year 2019-2020.



**Dr.Safinaz.S**

Supervisor & Assistant Professor  
Department of Electronics and  
Communication Engineering



**Dr.shilpa mehata**

Professor & Head  
Department of Electronics and  
Communication Engineering

Examiner-1



Examiner-2



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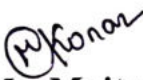
Bengaluru


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## Certificate

This is to certify that the University Project – II work entitled “UNIVERSITY PROJECT-II REPORT-INTERNSHIP HPE” was carried out by MS. T R N BHARGAVI (2016ECE072) who is bonafide student of VIII Semester B.Tech. Electronics and Communication Engineering in Presidency University. This is in partial fulfillment of the course work in place of Professional Practice – II of Bachelor of Engineering in Presidency University, Bengaluru, during the year 2019-2020.

  
**Ms. Maitraiye Konwar**  
Supervisor & Assistant Professor  
Department of Electronics and  
Communication Engineering

  
**Dr. Shilpa Mehta**  
Professor & Head  
Department of Electronics and  
Communication Engineering

Examiner-1 

Examiner-2 

  
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