



J.B.INSTITUTE OF ENGINEERING AND TECHNOLOGY

(UGC AUTONOMOUS)

Accredited by NAAC,NBA, Approved by AICTE & Permanently affiliated to JNTUH

Department of Electronics and Communication Engineering

Three-Day Workshop on “Arduino Prototyping”

(20-12-2022 to 22-12-2022)

BANNER

RESOURCE PERSON

MR .MANOJ KUMAR
EMBEDDED DEVELOPER,
VINCENSE SOFTWARE
SOLUTIONS PVT LTD

SCHEDULE

DAY 1

20-12-2022

SESSION 1 – OPENING CEREMONY – FN
SESSION 2 – 13.30 – 15.50 – AN

DAY 2

21-12-2022

SESSION 3 – 10.00 – 12.10 – FN
SESSION 4 – 13.30 – 15.50 – AN

DAY 3

22-12-2022

SESSION 5 – 10.00 – 12.10 – FN
SESSION 6 – 13.30 – 15.50 – AN

CHAIR PERSON
LATE SHRI. J BHASKAR RAO
CHAIRMAN, JBES

CHIEF PATRON
SRI. J V KRISHNA RAO
MBA HR, USA
SECRETARY
PATRONS

MAJOR GENERAL PROF
DR S S DASAKA, SM,VSM (RETD)
CEO, JBGEI

DR. P. C. KRISHNAMACHARY
PRINCIPAL, JBIET

CONVENER
DR. TOWHEED SULTANA,
HOD, ECE

ORGANIZING COMMITTEE
COORDINATORS

K. SNEHALATHA
B. SHRAVAN KUMAR
B. SOWMYA



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3 DAY

WORKSHOP ON

"ARDUINO PROTOTYPING"

20-12-2022- 22-12-2022

VENUE

MNR AUDITORIUM

ORGANIZED BY

**ELECTRONICS AND COMMUNICATION
ENGINEERING**

CLIQUE

ABOUT JBIET

As one of the top ten most preferred institutions in Telangana, JBIET continues to strive to impart technical (engineering) and professional education of very high standards.

The aim of JBIET is to mould young learners into globally competitive professionals who are professionally deft, intellectually adept and socially responsible.

ABOUT THE DEPARTMENT

The Department of Electronics and Communication Engineering was established in the year 1998 with an intake of 60 in B.Tech. The intake was increased to 90 in the year 2000 and 120 in the year 2004.

The M. Tech program in VLSI System Design was introduced in 2005 with an intake of 18 and it was raised to 24 in 2014. The B.Tech. Program was accredited by NBA in 2006.

The Department is provided with state-of-the-art technological tools incorporated in all the existing laboratories. For the last ten years, the students of ECE, who walked out of the portals of the institute successfully, holding their degrees, were immediately inducted into the MNCs of high reputation in India & abroad.

Workshop - Objectives

Provide Foundation on Arduino Prototyping

Software - Hardware Interfacing

Focus Areas

- Product Designing
- Prototyping and Testing
- Embedded systems
- Smart systems
- Sensors Interfacing

Preparing for the Workshop

- Although all material will be explained starting from basics, if possible, participants can go through basic of Subject - MPMC, EDC.
- Pre- Installing of Arduino IDE is Advised on Personal Systems.

SUPPORT TEAM:

- HARSHITH KOUNDINYA
- NEMISH
- CHAITHYANA
- MANOJ BABU
- NEELESH
- SINDHURA

Kit Provided

- Per Team of 4 members 3200/-
- Per person 800/-

Important Dates

Last date of Registration - 14

December 2022

Last date for Fee payment -14

December 2022

Registration Link

https://docs.google.com/forms/d/e/1FAIpQLScy6txPVVQRp3zCL-tTG6fPNc4X_uAKimbjmjqUCkTLWQqoSQ/viewform?usp=sf_link

QR CODE



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

**THREE-DAY WORKSHOP on “ARDUINO PROTOTYPING”
(20-12-2022 to 22-12-2022)**

**Report on Three-Day Workshop
On
“ARDUINO PROTOTYPING”**

Three-Day Workshop on “ARDUINO” was conducted by the Department of Electronics and Communication Engineering from 20th to 22nd December 2022. Mr. Manoj Kumar was the Resource Persons. Six Sessions were conducted both theory and practical.

Students worked with Arduino, many different concepts including working with various types of hardware such as sensors, displays, and general electronics components, and the kit.

This strengthened core competencies among the students through expert training and industry interaction.

The topics covered and Course Goals achieved

- Understand what an Arduino is and how it works.
- Learn how to use an Arduino safely.
- Program Arduino using code that you've written in the Arduino IDE (Integrated Development Environment).
- Learn programming concepts using C and C++ along with Arduino specific programming.
- Understand best practice concepts for programming and prototyping.
- Use a wide variety of hardware and components and prototype your projects using a breadboard.
- Build your own innovative project with Arduino.

Resource persons also briefed the students about the scope and opportunities in this field. A quiz was conducted in the last session and feedback was collected. The workshop was concluded with vote of thanks.

HOD ECE

Photographs Day-1



Speech by Niraj Upadhyaya



Speech by Md. Salauddin



Speech by Towheed Sultana



Group Photo of Faculty Members 1



Group Photo with Co-Ordinators of Arduino Prototyping 1

Photography Day-2



Students working and discussing with team



Project Explaining by Resource Person



Clarifying doubts by the Resource Person



Hands on Project Working By Participants

Photography Day-3



Solving a Problem by the Co-Ordinators



Speech by Event Co-Ordinator



Group Picture of Participants with their Respective Projects



Felicitating the Resource Person



Student Feedback



Group Picture with Participants and Co-Ordinators of Arduino Prototyping

Participants List

Team Number	Student Name	Roll Number	Branch	Year & Section
1	Pream Thakur	22675A0429	ECE	2nd year-B
	Shashidhar	22675A0417	ECE	2nd year-B
	Gnaneshwar	22675A0423	ECE	2nd year-B
	Chaitanya	22675A0425	ECE	2nd year-B
2	Shamsundar	22675A0431	ECE	2nd year-B
	Anvesh	22675A0420	ECE	2nd year-B
	Harsha	22675A0424	ECE	2nd year-B
	Sarish	22675A0419	ECE	2nd year-B
3	Manohari	21671A0431	ECE	2nd year-B
	Ashwitha	22675A0426	ECE	2nd year-B
	soualika	21671A0491	ECE	2nd year-B
	Rakesh	21671A0474	ECE	2nd year-B
4	Shanthi Priya	21671A0426	ECE	2nd year-A
	Bhavani	21671A0449	ECE	2nd year-A
	Savuktha	21671A0423	ECE	2nd year-A
	A.Vaishnavi	21671A0454	ECE	2nd year-B
5	Pravalika	21671A0447	ECE	2nd year-A
	Varsha	21671A0407	ECE	2nd year-A
	Vamshi	21671A0434	ECE	2nd year-A
	Naveen	21671A0438	ECE	2nd year-A
6	Akaldevu.Aparna	21671A0403	ECE	2nd year-A
	Sushma	21671A0440	ECE	2nd year-A
	Sandhya	21671A0436	ECE	2nd year-A
	Palthineni.Varshini	21671A0441	ECE	2nd year-A
7	G.Akshith Reddy	21671A0425	ECE	2nd year-A
	K.Veeravenkat	21671A0431	ECE	2nd year-A
	K.Murali	21671A0429	ECE	2nd year-A
	Bhukya.Deepak	21671A0410	ECE	2nd year-A
8	Sarfraz	21671A0482	ECE	2nd year-B
	Nagateja	21671A0476	ECE	2nd year-B
	Mahanth	21671A0457	ECE	2nd year-B
	Kishore	21671A0459	ECE	2nd year-B
9	Bharani	21671A0406	ECE	2nd year-A
	Prathibha	21671A0435	ECE	2nd year-A
	Sri Vidhya	21671A0416	ECE	2nd year-A
	Teja Sri	21671A0430	ECE	2nd year-A
10	A.Nagendra Babu	21671A0453	ECE	2nd year-B
	T.Varun Kumar	21671A0493	ECE	2nd year-B
	C.Vignesh	21671A0462	ECE	2nd year-B
	V.Nithin	21671A0496	ECE	2nd year-B
11	Chalavadi RK Manoj Babu	20671A0446	ECE	3rd year-B
	Nomula.Shirisha	20671A0464	ECE	3rd year-B
	Battula.Sahaja	20671A0443	ECE	3rd year-B
	Singireddy.Akshitha	20671A0468	ECE	3rd year-B
12	D.Vijay	21671A0202	EEE	2nd year-A
	Sai Teja	21671A0218	EEE	2nd year-A
	Balaji	21671A0208	EEE	2nd year-A
	Naidu	21671A0207	EEE	2nd year-A
13	Jyothi Swaroopa	20671A0439	ECE	3rd year-A
	Likitha	20671A0426	ECE	3rd year-A
	Pravarsha	20671A0428	ECE	3rd year-A
	Sindhura	20671A0436	ECE	3rd year-A
14	Rishitha	20671A0402	ECE	3rd year-A
	Vaishnavi	20671A0421	ECE	3rd year-A
	Aruna	20671A0424	ECE	3rd year-A
	Nilesh	21675A0404	ECE	3rd year-A
15	Ashwini	22675A0407	ECE	2nd year-A
	Kushalraj	21671A0432	ECE	2nd year-A
	Joshna	21671A0409	ECE	2nd year-A
	Manideep	21671A0418	ECE	2nd year-A
16	Mahesh	21671A0427	ECE	2nd year-A
	Pranith Sai	21671A0442	ECE	2nd year-A
	Kadukuntla.Srinath	21671A0403	ECE	2nd year-A
	Sanjay	21671A0405	ECE	2nd year-A
17	Boga.Rishith	21671A0460	ECE	2nd year-B
	G.Sai Teja	21671A0469	ECE	2nd year-B
	K.Pranadeep Reddy	21671A0472	ECE	2nd year-B
	T.Rohith	21671A0475	ECE	2nd year-B
18	S.Sri Chaitanya	20671A0435	ECE	3rd year-A
	D.Raghu Raj	21675A0403	ECE	3rd year-A
	S.Shiva Sai Krishna	20671A0437	ECE	3rd year-A
	Syed Ismail	21671A0448	ECE	2nd year-A