



**D V R & Dr. H S**  
**MIC College of Technology**

ISO9001:2015 Certified Institute  
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)  
Kanchikacherla-521180, NTR Dist, A.P, India.  
Phones: 08678-273535/9491457799/7382616824  
Email: [office@mictech.ac.in](mailto:office@mictech.ac.in), Website: [www.mictech.edu.in](http://www.mictech.edu.in)



**IOC - Outgoing**

**EEE- F 061**

**DEPARTMENT: EEE**

**DATE: 13-02-2023**

**ACADEMIC YEAR: 2022-23**

**SEMESTER: II**

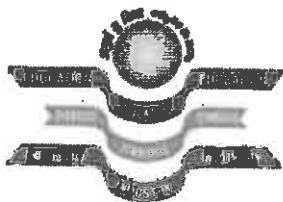
|                      |                                  |
|----------------------|----------------------------------|
| <b>ORIGINATOR</b>    | Head of the Department, EEE      |
| <b>CIRCULATED TO</b> | Faculty & Students of Department |

**Sub: INNOVATIVE PRODUCT DEVELOPMENT USING ARDUINO s Workshop for  
B.Tech III Year Students – Reg.**

It is proposed to conduct a three day workshop for III Year EEE Students on “INNOVATIVE PRODUCT DEVELOPMENT USING ARDUINO” organized by Ramson Tech Labs & charging Rs.300/-per candidate.

All the interested students are here by informed to give their acceptance by making their signatures on the roll list provided

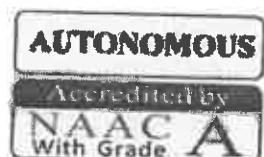
(Dr. P. Pradeep )  
Head, Dept. of EEE



DVR & Dr. HS

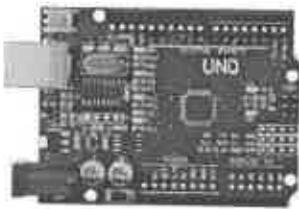
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## Workshop

on



### INNOVATIVE PRODUCT DEVELOPMENT USING ARDUINO

On 22<sup>nd</sup> February 2023 to 24<sup>th</sup> February 2023

Department of Electrical and Electronics Engineering



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**Name of the Event:** Workshop  
**Department:** EEE

**Date:** 27/02/2023  
**Academic Year:** 2022-23

**Topic: "INNOVATIVE PRODUCT DEVELOPMENT USING ARDUINO"**

**Duration:** 3 Days

**Resource Persons:** Mr.P.Sathish Kumar,CEO & CTO Ramson Tech Labs.

**Target Audience:** B.Tech III Year Students.

**Department of EEE organized a "INNOVATIVE PRODUCT DEVELOPMENT USING ARDUINO" on 22-24 February 2023**

The course "Innovative Product Development Using Arduino" is designed to empower participants with the knowledge and skills required to conceive, design, and realize innovative products using the Arduino platform. This hands-on course takes participants through the entire product development lifecycle, from idea generation to prototyping and testing. It's ideal for beginners with little or no prior experience in electronics and programming, as well as for experienced makers and engineers seeking to expand their skill set.

**WORKSHOP CONTENTS:**

**Day - 1 :**

Basic concepts of ARDUINO,  
Programming.

**Day - 2 :**

Emphasised the design,  
Implementation of various types of water-level controllers.

**Day - 3 :**

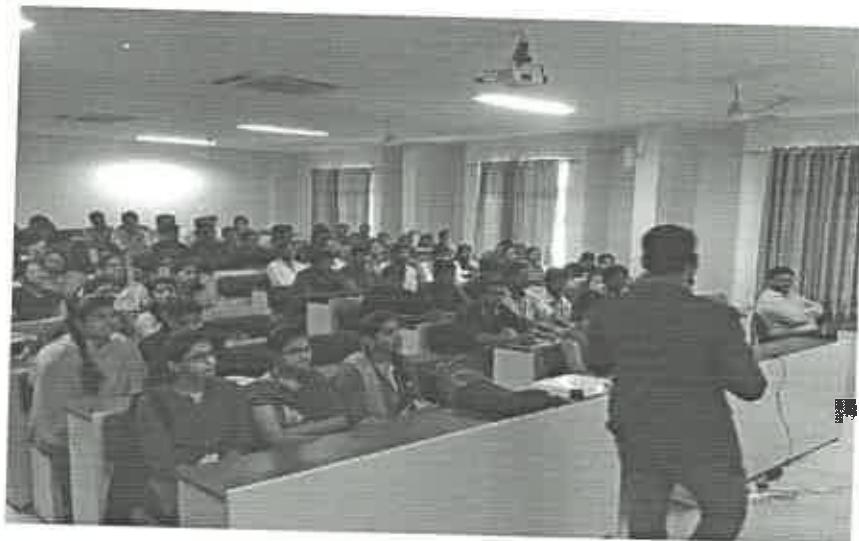
Design and implementation of open loop and closed loop DC/DC converters for power electronics applications



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**BENEFITS OF WORKSHOP:**

- You can build awesome projects
- Arduino is great for programming
- You can learn electronics easily
- It's a cheap hobby to start
- Arduino might suit you better than a Raspberry Pi



Lecday  
Staff In-charge

  
(Dr.P.Pradeep)  
Head, Dept. of EEE



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|  |   |                   |
|--|---|-------------------|
| <b>DETAILS OF THE FDP/WORKSHOP</b>   |   | <b>EEE – 3.2C</b> |
| DEPARTMENT: EEE  | DATE: 24/02/2023                                      |                   |
| ACADEMIC YEAR: 2022-2023   | SEMESTER: II  |                   |
| <b>Title of the Workshop</b>   | <b>"INNOVATIVE PRODUCT DEVELOPMENT USING ARDUINO"</b> |                   |
| <b>Date(s)</b>   | 22/02/2023 to 24/02/2023                              |                   |
| <b>Venue</b>   | Department Seminar Hall                               |                   |
| <b>Beneficiary Faculty/Students</b>  | Department Students                                   |                   |
| <b>No. of Participants attended</b>  | 104   |                   |
| <b>Faculty Accompanied the Participants</b>  | Mr.N.Rajesh Babu,<br>Mr.A.Vamsi Krishna               |                   |
| <b>Mapped POs</b>  |   |                   |
| <b>Details of the Resource Persons</b>   |   |                   |
| <b>Name(s) of the Resource Person</b>  | P.Satish Kumar  |                   |
| <b>Designation</b>   | CEO & CTO   |                   |
| <b>Institution / University / Industry</b>   | Ramson tech Labs                                      |                   |
| <b>Address</b>   | Vijayawada  |                   |
| <b>Mobile No.</b>  | 9398989794  |                   |
| <b>e mail ID</b>   | hello@ramsontechlabs.in                               |                   |
| <b>Signatures</b>  |   |                   |
| <b>Key points of the Guest Lecture/Seminar</b>   |   |                   |
| <ul style="list-style-type: none"> <li>• Understanding Arduino</li> <li>• Identifying the problem</li> <li>• Conceptualization</li> <li>• Prototyping</li> <li>• Sensor Integration</li> <li>• Actuator Control</li> </ul> |   |                   |

**Enclosures:**

1. List of the participants attended the Workshop
2. Photographs during the Workshop
3. Sample copy of certificate

**Staff Incharge**

**(Dr.P.Pradeep)**  
**Head of the Department**



# CERTIFICATE of PARTICIPATION

This is to certify that

Mr./Ms. K Aparna

has participated in the Ramson TechLabs' "Innovative product development using Arduino" held from Feb 22 to . Feb 24, 2023 at D.Y.R & Dr.H.S MIC College of Technology (Kanchikaseme) Also, he / she has successfully completed all the assigned projects during the workshop.

A handwritten signature in black ink, appearing to read "P.V. Kannan Ravi".

CTO | Ramson TechLabs

P.V. Kannan Ravi  
DIRECTOR | Ramson TechLabs





D V R & Dr. H S  
MIC College of Technology

A.Y: 2022-23

Dt: 22/02/2023

Class/Sem: III B.Tech/II

**Work Shop on "Innovative Product Development using Arduino"**

**Attendance Sheet**

| S.No | Roll No    | Name of the student          | Signature<br>22.02.2023 | Signature<br>23.02.2023 | Signature<br>24.02.2023 |
|------|------------|------------------------------|-------------------------|-------------------------|-------------------------|
| 1    | 20H71A0201 | Nallamothu Ajay Kumar        | Ajay Kumar              | Ajay Kumar              | Ajay Kumar              |
| 2    | 20H71A0202 | Konda Aparna                 | Aparna                  | Aparna                  | Aparna                  |
| 3    | 20H71A0203 | Karanam Bhavani              | Bhavani                 | Bhavani                 | Bhavani                 |
| 4    | 20H71A0204 | Vattivella Bindu Sri Priya   | Bindu                   | Bindu                   | Bindu                   |
| 5    | 20H71A0205 | Challa Brahmaiah             | Brahmaiah               | Brahmaiah               | Brahmaiah               |
| 6    | 20H71A0206 | Malladi Chandu               | Chandu                  | Chandu                  | Chandu                  |
| 7    | 20H71A0207 | T Ganesh Manikanta           | T.Ganesh                | T.Ganesh                | T.Ganesh                |
| 8    | 20H71A0208 | Garmidi Gopikrishna          | Gr.Gopi                 | Gr.Gopi                 | Gr.Gopi                 |
| 9    | 20H71A0209 | Panchala Jaya Sankar Prasad  | P.Jankar                | P.Sankar                | P.Sankar                |
| 10   | 20H71A0210 | Uppelli Kamal                | Ukamal                  | Ukamal                  | Ukamal                  |
| 11   | 20H71A0212 | Nakkanaboyina kesavi         | -kesavi                 | -kesavi                 | -kesavi                 |
| 12   | 20H71A0213 | Potti Lokeswar               | Lokeswa                 | Lokeswa                 | Lokeswa                 |
| 13   | 20H71A0214 | Vemula Madhavaiah            | Madhava                 | Madhava                 | Madhava                 |
| 14   | 20H71A0215 | Punugubati Madhuri           | Madhuri                 | Madhuri                 | Madhuri                 |
| 15   | 20H71A0216 | Telaprolu Mangna Sai         | Mangna                  | Mangna                  | Mangna                  |
| 16   | 20H71A0218 | Balle Naga Sai Akhil         | -Akhil                  | -Akhil                  | -Akhil                  |
| 17   | 20H71A0219 | Pakalapati Naga Vemsi        | P.N Vamsi               | P.N Vamsi               | P.N Vamsi               |
| 18   | 20H71A0220 | Kunapareddy Nagaraju         | -K.Nagaraju             | -K.Nagaraju             | -K.Nagaraju             |
| 19   | 20H71A0221 | Maganti Nikhilesh            | M.Nikhilesh             | M.Nikhilesh             | M.Nikhilesh             |
| 20   | 20H71A0222 | Chattu Nikhitha              | Nikhitha                | Nikhitha                | Nikhitha                |
| 21   | 20H71A0223 | Jonnalagadda Phanindra       | Phani                   | Phani                   | Phani                   |
| 22   | 20H71A0224 | Routhu Prudhvi Kumar         | Prudhvi                 | Prudhvi                 | Prudhvi                 |
| 23   | 20H71A0225 | V.Poojith kumar              | V.Poojith               | V.Poojith               | V.Poojith               |
| 24   | 20H71A0226 | Ramisetti Purna Sai Pavan    | Sai Pavan               | sai Pavan               | sai Pavan               |
| 25   | 20H71A0227 | Sajjala Rajani               | Rajani                  | Rajani                  | Rajani                  |
| 26   | 20H71A0228 | Gudivaka Sasi Venkataram     | G.Ram                   | G.Ram                   | G.Ram                   |
| 27   | 20H71A0229 | Palugulla Sharath Kumar      | Sarath                  | Sarath                  | Sarath                  |
| 28   | 20H71A0230 | Chinnamsetti Siva Keerthi    | Keerthi                 | Keerthi                 | Keerthi                 |
| 29   | 20H71A0231 | Kathi Sobha Rani             | Sobha                   | sobha                   | sobha                   |
| 30   | 20H71A0232 | Banavath Sravani             | Sravani                 | Sravani                 | Sravani                 |
| 31   | 20H71A0233 | N Sri Nagasai                | N.Nagasai               | N.Nagasai               | N.Nagasai               |
| 32   | 20H71A0234 | Thota Srilatha               | 1.Srilatha              | 1.Srilatha              | 1.Srilatha              |
| 33   | 20H71A0236 | Pappu Surya Nikith           | P.S.Nikith              | P.S.Nikith              | P.S.Nikith              |
| 34   | 20H71A0237 | Cherukuri Suvarna Devi       | Cherukuri               | Cherukuri               | Cherukuri               |
| 35   | 20H71A0238 | Kapilaval Vamsi Krishna      | Vamsi                   | Vamsi                   | Vamsi                   |
| 36   | 20H71A0240 | T Venkata Gowri Swetha Reddy | Swetha                  | Swetha                  | Swetha                  |



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|     |            |                               |                                      |
|-----|------------|-------------------------------|--------------------------------------|
| 80  | 21H75A0243 | Ravi Teja Peketi              | RaviTeja RaviTeja RaviTeja           |
| 81  | 21H75A0244 | Reshma Ramisetty              | Reshma Reshma Reshma                 |
| 82  | 21H75A0245 | Sai Krishna G                 | SaiKrishna SaiKrishna SaiKrishna     |
| 83  | 21H75A0246 | Sai Krishna Vedantam          | SaiKrishna SaiKrishna SaiKrishna     |
| 84  | 21H75A0247 | Sampath Kumar Penumuri        | Sampath Sampath Sampath              |
| 85  | 21H75A0248 | Sartaz Begum Shaik            | ShSartaz ShSartaz ShSartaz           |
| 86  | 21H75A0249 | Srihari Arudrapu              | Srihari Srihari Srihari              |
| 87  | 21H75A0250 | Srikanth Badisa               | Srikanth Srikanth Srikanth           |
| 88  | 21H75A0251 | Srinu Uyyala                  | Srinu Srinu Srinu                    |
| 89  | 21H75A0253 | Tarun Duggirala               | Tarun Tarun Tarun                    |
| 90  | 21H75A0254 | Tarun Nandam                  | Tarun Tarun Tarun                    |
| 91  | 21H75A0255 | Thri Sankar Surampudi         | ShriSankar ShriSankar ShriSankar     |
| 92  | 21H75A0256 | Thrinadh Babu Mopidevi        | Thrinadh Thrinadh Thrinadh           |
| 93  | 21H75A0258 | Vamsi Nenavath                | Vamsi Vamsi Vamsi                    |
| 94  | 21H75A0259 | Vaseem Shaik                  | Vaseem Vaseem Vaseem                 |
| 95  | 21H75A0260 | Veera Venkata Satyanarayana S | S.V.U. Sagar S.V.U.Sagar S.V.U.Sagar |
| 96  | 21H75A0261 | Venkata Krishna Adduru        | venkat venkat venkat                 |
| 97  | 21H75A0262 | Venkata Teja Yeddulakondu     | Teja Teja Teja                       |
| 98  | 21H75A0263 | Venkata Uday Kumar Swargam    | ucay uday uday                       |
| 99  | 21H75A0264 | Venkatesh Telluri             | Venkatesh Venkatesh Venkatesh        |
| 100 | 21H75A0265 | Vijay Sai Ram Peeta           | SaiRam SaiRam SaiRam                 |
| 101 | 21H75A0266 | Vikas Mikkili                 | Vikas Vikas Vikas                    |
| 102 | 21H75A0267 | Vinodh Kumar Madhani          | Vinodh Vinodh Vinodh                 |
| 103 | 21H75A0268 | Vivek Sai Akula               | vivek vivek vivek                    |
| 104 | 21H75A0269 | Yegesh Parise                 | Yagesh yegesh yegesh                 |

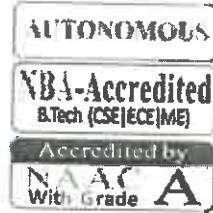
Lakshmi  
Staff Incharge

Head / M. Dept. of EEE.



**DVR & Dr. HS**  
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Kanchikacherla, Vijayawada, Krishna Dist – 521 180 (A.P), India.  
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**08.02.2023**

**CIRCULAR**

**DEPARTMENT OF MECHANICAL ENGINEERING**

This is to inform you that the Department of Mechanical Engineering is organizing a Two-day Workshop on “Introduction to Robot Programming” for the students from 16.02.2023 & 17.02.2023 in the Mechanical Seminar Hall. The class in charges are requested to inform their students to attend the program.

  
HoD

Mechanical Engineering

*Head of the Department  
Dept. of Mechanical Engg.  
DVR & Dr. HS MIC College of Technology  
Kanchikacherla, Krishna Dt.  
Andhra Pradesh, India – Pin: 521180*



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13.02.2023

**Programme Schedule**

**Mechanical Engineering**

| Day   | Time                | Topic                                | H<br>O<br>D | Venue        |
|-------|---------------------|--------------------------------------|-------------|--------------|
| Day 1 | 09.30 AM - 10.45 AM | Introduction to Robotics             | D           | Seminar Hall |
|       | 11.15 AM - 12.45 PM | Robot Kinematics                     |             | Seminar Hall |
|       | 02.00 PM - 03:15 PM | Actuators and its working Principle  |             | Seminar Hall |
|       | 03.15 PM - 04.30 PM | Sensors and its types used in Robots |             | Seminar Hall |
| Day 2 | 09.30 AM - 10.45 AM | Robot Languages                      | D           | CAD/CAM Lab  |
|       | 11.15 AM - 12.45 PM | Robot Programming                    |             | CAD/CAM Lab  |
|       | 02.00 PM - 03:15 PM | Robot Programming                    |             | CAD/CAM Lab  |
|       | 03.15 PM - 04.30 PM | Feedback & Valedictory               |             | Seminar Hall |

Head of the Department  
Dept. of M.Tech. in Engg.  
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Email: [governor@mic.org.in](mailto:governor@mic.org.in), Website: [www.mic.org.in](http://www.mic.org.in)



**A Report of Workshop on**

**"Introduction to Robot Programming"**

The Department of Mechanical Engineering organized a Workshop on "**Introduction to Robot Programming**" from 16.02.2023 to 17.02.2023.

Dr. D. Venkata Siva Reddy, HOD, Mechanical Engineering welcomed the participants. The program commenced with prayer.

Dr. K. Balaji, CSR, Xera Robotics (p) Ltd., Chennai has presented a lecture through PPTs about Introduction to Robotics. The IVth year Mechanical Engineering students participate in this program. He has also explained the major parts involved in the Robots, classification of Robots, Robot Kinematics and their importance. Totally 45 students have attended this program.

The following topics are explained in the program:

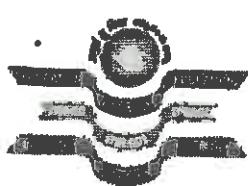
- Introduction to Robotics
- Robot Kinematics
- Actuators and its working Principle
- Sensors and its types
- Robot Languages
- Robot Programming

A valedictory function is arranged on 17.02.2023 at 4.00 PM by inviting our Principal, Dr. K. Srinivas and faculty also participated in the program, feedback was taken from the students, Mr. R. Ranjith Kumar, Course Coordinator delivered a Vote of thanks followed by National Anthem were the highlights of the valedictory function.



HOD

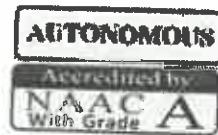
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**IOC - Outgoing**

**EEE- F 061**

**DEPARTMENT: EEE**

**DATE: 06.02.2023**

**ACADEMIC YEAR: 2022-23**

**SEMESTER: II**

|                      |                                  |
|----------------------|----------------------------------|
| <b>ORIGINATOR</b>    | Head of the Department, EEE      |
| <b>CIRCULATED TO</b> | Faculty & Students of Department |

**Sub: Guest Lecture for B.Tech II Year & III YEAR – Reg.**

This is to inform that Guest Lecture on “Energy Management System” by Mr.Ch.Sri Prakash, SE, Dr NTTPS, will be organized in the department on 13-02-2023. In this Connection, all the B.Tech II EEE & III EEE Students are required to attend the same without fail.

(Dr. P. Pradeep )  
Head, Dept. of EEE



A Seminar on

## Energy Management System

By

Ch.Sri Prakash,SE,Dr.NTRPS

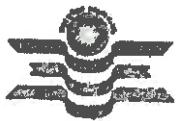
13.02.2023

Organized by

Department of Electrical & Electronics Engineering



No.DRSC12.042



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**MIC College of Technology**

**Name of the Event : Seminar**

**Date: 13-02-2023**

**Department: EEE**

**Academic Year: 2022-23**

**Guest Lecture on  
“Energy Management System”**

**Topic: “Energy Management System”**

**Duration: 1 Day**

**Resource Persons: Mr Ch. Sri Prakash, SE, Dr NTPS**

**Target Audience: UG Students.**

Department of EEE organized a **Guest Lecture on “Energy Management System”**

This event was inaugurated by the **Chief Guest CEO Sri D. Panduranga Rao, MICT,**

**Dr K.Srinivas , Principal MICT, Dr.P.Pradeep HOD EEE MICT.**

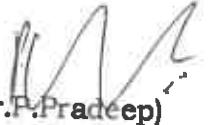
Recourse Person Explain the need of Energy Management System. Energy management systems (EMS) play a crucial role in today's world as organizations and individuals strive to reduce energy consumption, lower costs, and minimize their environmental impact. This seminar report provides an in-depth overview of energy management systems, their components, benefits, challenges, and the importance of implementing them in various sectors. The report also discusses the latest trends and technologies in the field of energy management.

An energy management system is a set of tools through which companies can understand and manage their energy use by controlling all their electric utilities and electricity-consuming devices. Additionally, it can help companies find where they use the most energy and suggest how to reduce usage in those places.

A typical EMS platform consists of four elements:

- Sensors that continuously measure energy usage and send the data to the EMS platform.
- EMS interface through which users can monitor and manage their energy usage.
- A control system that transmits commands from the EMS user interface.
- Devices controlled by the EMS system, such as air conditioning units, fans, and lights.

  
**Staff In-charge**

  
**(Dr.P.Pradeep)**  
**Head, Dept. of EEE**



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| <b>DETAILS OF THE GUEST LECTURE</b>   |   | <b>EEE - 3.2C</b> |
|---|---|-------------------|
| DEPARTMENT:EEE  |   | DATE: 14/02/2023  |
| ACADEMIC YEAR: 2022-2023  |   | SEMESTER:II       |
| <b>Title of the Workshop</b>  | Guest Lecture on "Energy Management System" |                   |
| <b>Date</b>   | 13/02/2023                                  |                   |
| <b>Venue</b>  | Department Seminar Hall                     |                   |
| <b>Beneficiary Faculty/Students</b>   | Department Students                         |                   |
| <b>No. of Participants attended</b>   | 155   |                   |
| <b>Faculty Accompanied the Participants</b>   | Mr.N.Venu Babu                              |                   |
| <b>Mapped POs</b>   |   |                   |
| <b>Details of the Resource Persons</b>  |   |                   |
| <b>Name of the Resource Person</b>  | Ch.Sri Prakash                              |                   |
| <b>Designation</b>  | SE  |                   |
| <b>Institution / University / Industry</b>  | APGENCO Training Institute Dr.NTPPS         |                   |
| <b>Address</b>  | Ibrahimpatnam, Krishna Dt                   |                   |
| <b>Mobile No.</b>   | 9440907610, 9701334810                      |                   |
| <b>e mail ID</b>  | Sriprakash.apgenco@gmail.com                |                   |
| <b>Signatures</b>   |   |                   |
| <b>Key points of the Guest Lecture/Seminar</b>  |   |                   |
| <ul style="list-style-type: none"><li>• Defining energy goals.</li><li>• Achieving management buy-in.</li><li>• Setting objectives and timelines.</li><li>• Seamlessly connecting to existing infrastructure such as metering, data loggers and building automation systems to collect key energy data.</li><li>• Measuring and verifying energy consumption.</li></ul> |   |                   |

**Enclosures:**

1. List of the participants attended the Workshop
2. Photographs during the Workshop

Staff Incharge

Head of the Department



D.V.R & Dr.H.S.  
MIC College of Technology

A Seminar on

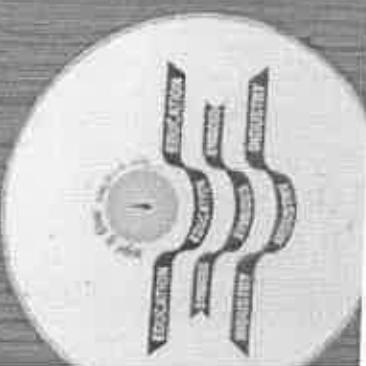
## Energy Management System

By

Ch.Sri Prakash,SE,Mr.WTIPS

13-02-2023

Organized by  
Department of Electrical & Electronics Engineering





D V R & Dr. H S  
MIC College of Technology

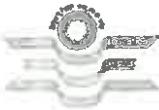
A.Y: 2022-23

Dt: 13/02/2023  
Class/Sem: II B.TECH/II

**Seminar on "Energy Management System"**

**Attendance Sheet**

| S.No | Roll No    | Name of the student            | Signature                 |
|------|------------|--------------------------------|---------------------------|
| 1    | 21H71A0201 | Anil K                         | K. Anil                   |
| 2    | 21H71A0202 | Basheera P                     | P. Basheera.              |
| 3    | 21H71A0203 | Dharani G                      | G.Dhru                    |
| 4    | 21H71A0204 | Manoj S                        | S. Manoj                  |
| 5    | 21H71A0206 | Naga Nandini Lakshmi P         | N.N.Lakshmi               |
| 6    | 21H71A0207 | Surakshitha K                  | S. Surakshitha            |
| 7    | 21H71A0208 | Nivas G                        | G. Nivas.                 |
| 8    | 21H71A0209 | Pradeepthi P                   | P. Pradeepthi.            |
| 9    | 21H71A0210 | Rakesh Ch                      | Ch.Rakesh.                |
| 10   | 21H71A0211 | Sai Tejaswi M                  | Sai Tejaswi M             |
| 11   | 21H71A0212 | Venkata Sravanthi P            | Sravanthi                 |
| 12   | 22H75A0201 | Arpi Gopinath                  | A.Gopinath                |
| 13   | 22H75A0202 | Bitra Satya                    | B. Satya                  |
| 14   | 22H75A0203 | Bollapalli Sai Lakshmi         | B. Sai Lakshmi            |
| 15   | 22H75A0204 | Gogisetti Geetanadh Balaji     | G. Geetanadh Balaji       |
| 16   | 22H75A0205 | Gollapalli Charan              | G. Charan                 |
| 17   | 22H75A0206 | Gummadi Rahul Teja             | G. Rahul Teja             |
| 18   | 22H75A0207 | Gunja Leela Venkateswara Rao   | Gunja Venkateswara Rao    |
| 19   | 22H75A0208 | Kalle Chaitanya                | K. Chaitanya              |
| 20   | 22H75A0209 | Kalupukuri Krishna Vamsi       | K. Krishna Vamsi          |
| 21   | 22H75A0210 | Kamsani Vijaya Lakshmi         | K. Vijaya Lakshmi         |
| 22   | 22H75A0211 | Katabathina Venkatesh          | K. Venkatesh              |
| 23   | 22H75A0212 | Kella Chandra Kranthi          | K. Chandra Kranthi        |
| 24   | 22H75A0213 | Kenala Durga Sal Kishore       | K. Durga Sal Kishore      |
| 25   | 22H75A0214 | Kokku Bhavani Prasad           | K. Bhavani Prasad         |
| 26   | 22H75A0215 | Mallela Sai Teja               | M. Sai Teja               |
| 27   | 22H75A0216 | Manam Guru Prasad              | M. Guru Prasad            |
| 28   | 22H75A0217 | Masarapu Siddhu                | M. Siddhu                 |
| 29   | 22H75A0218 | Mathe Prudhvi Raj              | M. Prudhvi Raj            |
| 30   | 22H75A0219 | Mohammad Azmal Nawaz           | M. Azmal Nawaz            |
| 31   | 22H75A0220 | Mondi Pundarikesh              | M. Pundarikesh            |
| 32   | 22H75A0221 | Natta Rakesh                   | N. Rakesh                 |
| 33   | 22H75A0222 | Palli Usha Sri                 | P. Usha Sri               |
| 34   | 22H75A0223 | Pamidimalla Harish             | P. Harish                 |
| 35   | 22H75A0224 | Pandiri Kanaka Durga Pavaneesh | P. Kanaka Durga Pavaneesh |
| 36   | 22H75A0225 | Puvvula Gowtham                | P. Gowtham                |
| 37   | 22H75A0226 | Ramavathu Lavanya              | R. Lavanya                |



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A.Y: 2022-23

Dt: 13/02/2023  
 Class/Sem: III B.Tech/II

**Seminar on "Energy Management System"**

**Attendance Sheet**

| S.No | Roll No    | Name of the student          | Signature         |
|------|------------|------------------------------|-------------------|
| 1    | 20H71A0201 | Nallamothu Ajay Kumar        | N. Ajay Kumar.    |
| 2    | 20H71A0202 | Konda Aparna                 | Aparna            |
| 3    | 20H71A0203 | Karanam Bhavani              | Bhavani           |
| 4    | 20H71A0204 | Vattivella Bindu Sri Priya   | V. Bindusri priya |
| 5    | 20H71A0205 | Challa Brahmaiah             | Ch. Brahmaiah     |
| 6    | 20H71A0206 | Malladi Chandu               | chandu            |
| 7    | 20H71A0207 | T Ganesh Manikanta           | Ganesh            |
| 8    | 20H71A0208 | Garmidi Gopikrishna          | G. Gopikrishna    |
| 9    | 20H71A0209 | Panchala Jaya Sankar Prasad  | J. Sankar         |
| 10   | 20H71A0210 | Uppelli Kamal                | Kamal             |
| 11   | 20H71A0212 | Nakkanaboyina kesavi         | Kesavi            |
| 12   | 20H71A0213 | Potti Lokeswar               | Lokeswar          |
| 13   | 20H71A0214 | Vemula Madhavaiah            | V. Madhavaiah     |
| 14   | 20H71A0215 | Punugubati Madhuri           | Madhuri           |
| 15   | 20H71A0216 | Telaprolu Mangna Sai         | Mangna sai        |
| 16   | 20H71A0218 | Balle Naga Sai Akhil         | Akhil             |
| 17   | 20H71A0219 | Pakalapati Naga Vemsi        | Nagavensi         |
| 18   | 20H71A0220 | Kunapareddi Nagaraju         | P. Nagaraju       |
| 19   | 20H71A0221 | Maganti Nikhilesh            | Nikhilesh         |
| 20   | 20H71A0222 | Chattu Nikhitha              | ch. Nikhitha      |
| 21   | 20H71A0223 | Jonnalagadda Phanindra       | Phanindra         |
| 22   | 20H71A0224 | Routhu Prudhvi Kumar         | Prudhvi R.        |
| 23   | 20H71A0225 | V.Poojith kumar              | Poojith           |
| 24   | 20H71A0226 | Ramisetty Purna Sai Pavan    | R. Sai Pavan      |
| 25   | 20H71A0227 | Sajjala Rajani               | S. Rajani         |
| 26   | 20H71A0228 | Gudivaka Sasi Venkataram     | Sasi Venkataram   |
| 27   | 20H71A0229 | Palugulla Sharath Kumar      | Sharath           |
| 28   | 20H71A0230 | Chinnamsetti Siva Keerthi    | ch. siva keerthi  |
| 29   | 20H71A0231 | Kathi Sobha Rani             | Kathi sobha rani  |
| 30   | 20H71A0232 | Banavath Sravani             | Sravani           |
| 31   | 20H71A0233 | N Sri Nagasai                | nagasai           |
| 32   | 20H71A0234 | Thota Srilatha               | T. Srilatha       |
| 33   | 20H71A0236 | Pappu Surya Nikith           | Surya Nikith      |
| 34   | 20H71A0237 | Cherukuri Suvarna Devi       | ch. Suvarna       |
| 35   | 20H71A0238 | Kapilavai Vamsi Krishna      | Vamsi Krishna     |
| 36   | 20H71A0240 | T Venkata Gowri Swetha Reddy | Swetha T          |
| 37   | 20H71A0241 | Swarna Venkata Kasi Rao      | Kasi Rao          |

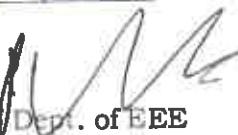


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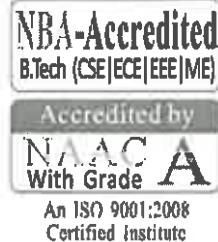
|     |            |                               |                     |
|-----|------------|-------------------------------|---------------------|
| 81  | 21H75A0244 | Reshma Ramisetti              | Preshma             |
| 82  | 21H75A0245 | Sai Krishna G                 | Sai Krishna         |
| 83  | 21H75A0246 | Sai Krishna Vedantam          | V. Sai Krishna      |
| 84  | 21H75A0247 | Sampath Kumar Penumuri        | Sampath             |
| 85  | 21H75A0248 | Sartaz Begum Shaik            | Sh. Sartaz          |
| 86  | 21H75A0249 | Srihari Arudrapu              | A. Srihari          |
| 87  | 21H75A0250 | Srikanth Badisa               | B. Srikanth         |
| 88  | 21H75A0251 | Srinu Uyyala                  | U. Srinu.           |
| 89  | 21H75A0253 | Tarun Duggirala               | Tarun               |
| 90  | 21H75A0254 | Tarun Nandam                  | N. Tarun            |
| 91  | 21H75A0255 | Thri Sankar Surampudi         | Thri Sankar         |
| 92  | 21H75A0256 | Thrinadh Babu Mopidevi        | M. Thrinadh         |
| 93  | 21H75A0258 | Vamsi Nenavath                | Vamsi Nenavath      |
| 94  | 21H75A0259 | Vaseem Shaik                  | S. Vaseem           |
| 95  | 21H75A0260 | Veera Venkata Satyanarayana S | SV.V. Satyanarayana |
| 96  | 21H75A0261 | Venkata Krishna Adduru        | Venkata Krishna     |
| 97  | 21H75A0262 | Venkata Teja Yeddulakondu     | Venkata Teja        |
| 98  | 21H75A0263 | Venkata Uday Kumar Swargam    | Venkata uday        |
| 99  | 21H75A0264 | Venkatesh Telluri             | Venkatesh.T         |
| 100 | 21H75A0265 | Vijay Sai Ram Peeta           | VijaySai Ram        |
| 101 | 21H75A0266 | Vikas Mikkili                 | M. Vikas.           |
| 102 | 21H75A0267 | Vinodh Kumar Madhani          | Vinod               |
| 103 | 21H75A0268 | Vivek Sai Akula               | A. VivekSai         |
| 104 | 21H75A0269 | Yegesh Parise                 | Yegesh Parise       |

Bandaru  
Staff Incharge

  
Head, Dept. of EEE



Devineni Venkata Ramana & Dr.Hima Sekhar  
**MIC College of Technology**  
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)  
Kanchikacherla - 521180, Krishna Dist, A.P, India.  
Phone : 08678 - 273535, 273623, Fax: 08678 - 273569  
e mail: dvrhsmic@mictech.ac.in. Website: www.mictech.ac.in



## **APSSDC WORKSHOP ON PRODUCT DESIGN AND DRAFTING BY CATIA**

**Coordinators for the workshop**  
Ms. D. Divya, Assistant Professor  
Mr. D V Narasimha Rao

**APSSDC Students Trainer**  
Ms. K. Lakshmi Prasanna

**DAY-1: 21/11/2022**

No. of students attended: 38

**Concept covered:**

Installation of CATIA software

Introduction to CATIA software & interface of the software



*Coordinator  
D-Divya*



Devineni Venkata Ramana & Dr.Hima Sekhar  
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Phone : 08678 - 273535, 273623, Fax: 08678 - 273569  
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With Grade A  
An ISO 9001:2008  
Certified Institute

**DAY-2: 22/11/2022**

No. of students attended: 46

**Concept covered:**

Introduction to sketcher workbench

Sketch Creation

Modifications

Constraining



Coordinator  
Dr. Dimpal



Devineni Venkata Ramana & Dr.Hima Sekhar  
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e mail: dvrhsnic@mictech.ac.in. Website: www.mictech.ac.in

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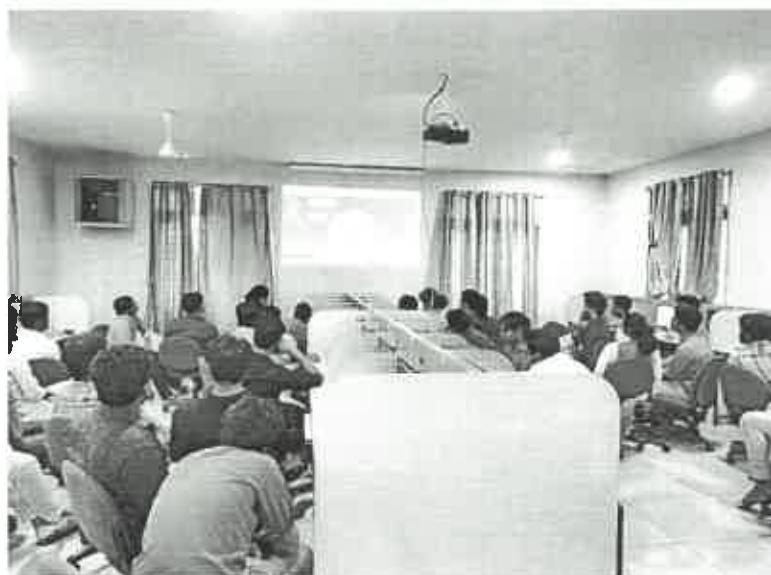
**DAY-3: 24/11/2022**

No. of students attended: 44

**Concept covered:**

Introduction to part design

Creating 3D models from 2D sketches



Coordinator

D. Dimples



Devineni Venkata Ramana & Dr. Hima Sekhar  
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**DAY-4: 25/11/2022**

No. of students attended: 45

**Concept covered:**

Creating 3D models by following correct tree structure

Boolean operations

Applying the draft analysis to created models



D-Design  
Coordinator



Devineni Venkata Ramana & Dr.Hima Sekhar  
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**DAY-5: 26/11/2022**

No. of students attended: 39

**Concept covered:**

Introduction to assembly

Creating assembly for the 3D models

Introduction to Drafting

Creating drafting to the 3D models



  
Coordinator

  
HoD

*Head of the Department  
Dept. of Mechanical Engg.  
DVR & Dr. H. M. MIC College of Technology  
Kanchikacherla, Krishna Dt.  
Andhra Pradesh, India – Pin: 521180*



**DVR & Dr. HS**  
**MIC College of Technology**

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Kanchikacherla, Vijayawada, Krishma Dist – 521 180 (A.P), India.  
Phone: 08678 – 273535, 273623, Fax: 08678 – 273569  
Email: officemictech@gmail.com Website: www.mictech.ac.in



**Name of the Event : Product Design and Drafting by CATIA**

**Organiser : Department of Mechanical**

**Sponsor : APSSDC**

**Dates : 21-11-22 to 26-2-22 (6 Days)**

**Instructor : Karra Prasanna Lakshmi**

**Participants : III B.Tech (Mechanical )**

**Coordinator : D. Divya**

**Number of participants: 53**

The workshop titled "Product Design and Drafting by CATIA" was a comprehensive training program aimed at equipping participants with the necessary skills and knowledge to use the CATIA software for product design and drafting.

The trainer "Karra Prasanna Lakshmi" from APSSDC taught the CATIA software to design and draft various products, including mechanical parts, automotive parts, and consumer goods to III B. Tech Mechanical Students.

The workshop covered a wide range of topics, including an introduction to CATIA software, user interface and toolbars, sketching tools, 3D modelling techniques, assembly design, and drafting. The sessions were interactive and hands-on, with participants given ample opportunity to practice using the CATIA software.

At the end of the workshop, participants gained a solid understanding of CATIA software and its application in product design and drafting. They learned how to create 3D models, assemblies, and drawings using the software. The skills acquired from the workshop are valuable in various industries that require product design and drafting expertise.

During the closing session, the training program concluded and vote of thanks by Dr. D. V. Siva Reddy, Head of the Department, MECH. All the faculty members of the department have attended the Closing Session.

**Coordinator**

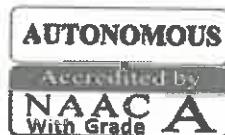


**Head of the Department**  
**Dept. of Mechanical Engg.**  
**DVR & Dr. HS Institute of Technology**  
**III Year B.Tech. Dr. D. Divya**  
**Autonomous 2010 NAAC 'A' With Grade A**



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Phones: 08678 - 273535 / 94914 57799 / 73826 16824  
E mail: office@mictech.ac.in, Website: www.mictech.edu.in



**CIRCULAR**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**Date: 11.11.2022**

**To: All Faculty and Students**

**From: HOD CSE**

**Subject: Two-Day Workshop on "Amazon Web Services" in association with Brain O Vision**

Dear Faculty Members and Students,

We are delighted to announce a Two-Day Workshop on "Amazon Web Services (AWS)" organized by the Department of Computer Science and Engineering in collaboration with Brain O Vision. This workshop aims to provide participants with a comprehensive understanding of AWS, one of the leading cloud computing platforms.

**Event Details:**

**Date: from 16.11.2022 to 17.11.2022**

**Venue: CSE Department Seminar Hall**

As cloud computing continues to play a pivotal role in modern IT infrastructure, this workshop offers a valuable opportunity to enhance your understanding of AWS. We encourage both faculty members and students to actively participate.

For any queries or additional information, please contact Ms. G. Pratyusha



**HOD**

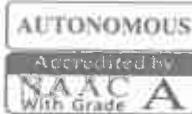
**Computer Science & Engineering**

**Head of the Department  
Computer Science & Engineering  
DVR & Dr. HS MIC College of Technology  
KANCHIKACHERLA- 521 180.**



DVR & Dr. HS  
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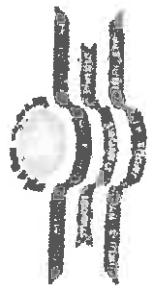
## **DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

in association with  
**BRAINOVISION**

## **WORKSHOP on AMAZON WEB SERVICES**



**DATE: 16-17 NOVEMBER 2022**  
**VENUE: CSE SEMINAR HALL**  
**Co-ordinator: Ms. G. Pratyusha**



**MIC College of Technology**

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Kanchanapalle - 511 161, N.P.Dera, A.P. India.  
Phone: 08678 - 273435, 94911 84907 / 71870 70021  
Email: office@mic.ac.in Website: www.mic.ac.in



**Department of Computer Science and Engineering**  
**Two day Workshop on Amazon Web Services**  
**(Attendance Sheet)**

| S. No | Student ID | Name of the Participant | 16-11-22 | 17-11-22                                  |
|-------|------------|-------------------------|----------|---|
| 1     | 20H71A0586 | Jaya Lakshmi A          | ✓        | A Jayalakshmi ✓                           |
| 2     | 20H71A05F7 | Manohar Krishna M       | ✓        | Manohar Krishna M ✓                       |
| 3     | 20H71A05H9 | Shobhanani P            | ✓        | Shobhanani Shobhanani ✓                   |
| 4     | 20H71A05I9 | Venkata Krishna E       | ✓        | Venkata Krishna Venkata Krishna ✓         |
| 5     | 21H71A0503 | Abhishek A              | ✓        | Abhishek A Abhishek ✓                     |
| 6     | 21H71A0506 | Aishwarya A             | ✓        | Aishwarya A Aishwarya ✓                   |
| 7     | 21H71A0513 | Deepak Teja P           | ✓        | Deepak Teja P Deepak Teja ✓               |
| 8     | 21H71A0514 | Diip P                  | ✓        | Diip P Diip ✓                             |
| 9     | 21H71A0518 | Hema Sei Sri P          | ✓        | Hema Sei Sri P Hema Sei Sri P ✓           |
| 10    | 21H71A0533 | Neeraj G                | ✓        | Neeraj G Neeraj G ✓                       |
| 11    | 21H71A0541 | Nalini Eswari V         | ✓        | Nalini Eswari V Nalini Eswari V ✓         |
| 12    | 21H71A0542 | Pushpalatha R           | ✓        | Pushpalatha R Pushpalatha R ✓             |
| 13    | 21H71A0560 | Uday Kumar G            | ✓        | Uday Kumar G Uday Kumar G ✓               |
| 14    | 21H71A0561 | Usha N                  | ✓        | Usha N Usha N ✓                           |
| 15    | 21H71A0568 | Anusha K                | ✓        | Anusha K Anusha K ✓                       |
| 16    | 21H71A0571 | Brahmananda Reddy V     | ✓        | Brahmananda Reddy V Brahmananda Reddy V ✓ |
| 17    | 21H71A0573 | Deepika M               | ✓        | Deepika M Deepika M ✓                     |

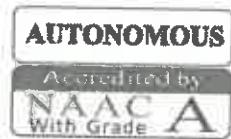
|    |            |                          |                  |
|----|------------|--------------------------|------------------|
| 18 | 21H71A0574 | Dinesh K                 | Dinesh K.        |
| 19 | 21H71A0576 | Gayathri S               | S. Gayathri      |
| 20 | 21H71A0577 | Geethika S               | S Geethika       |
| 21 | 21H71A0582 | Jahneer Abbas Sk         | G. Jahneer       |
| 22 | 21H71A0591 | L R Chandra Mouli M      | L. R. Chandra    |
| 23 | 21H71A05A3 | Bala Subrahmanyam S      | Bala S. R.       |
| 24 | 21H71A05A6 | Prasanna Kumar M         | M. Prasanna      |
| 25 | 21H71A05A9 | Rakesh P                 | P. Rakesh        |
| 26 | 21H71A05B1 | Sanjay I                 | I. Sanjay        |
| 27 | 21H71A05B9 | Steven Babu K            | K. Steven        |
| 28 | 21H71A05C5 | Vansi T                  | T. Vansi         |
| 29 | 21H71A05C7 | Venkata Veerendra B      | B. V. Venkata    |
| 30 | 21H71A05D2 | Yamini K                 | K. Yamini        |
| 31 | 21H71A05D4 | Akhil U                  | U. Akhil         |
| 32 | 21H71A05D6 | Ayesha S                 | S. Ayesha        |
| 33 | 21H71A05E0 | D V Durga Pavantalyan D  | D. Durga         |
| 34 | 21H71A05E3 | Hari Thripura Poornima P | Poornilatha      |
| 35 | 21H71A05E4 | Hemanth L                | L. Hemanth       |
| 36 | 21H71A05E6 | Jhansi N                 | N. Jhansi        |
| 37 | 21H71A05E7 | Karthika S               | S. Karthika      |
| 38 | 21H71A05E8 | Kezia B                  | B. Kezia         |
| 39 | 21H71A05F3 | Meghana Ch               | Ch. Meghana      |
| 40 | 21H71A05F5 | Muzammil M               | Muzammil         |
| 41 | 21H71A05F7 | Naga Kavya D             | D. Kavya         |
| 42 | 21H71A05F8 | Naga Nikhila Saisree M   | M. Saisree       |
| 43 | 21H71A05F9 | N V Sai Praveen Teja Y   | Y. Teja          |
| 44 | 21H71A05G0 | Nithin V                 | V. Nithin        |
| 45 | 21H71A05G4 | R Ratna Prabhavathi K    | K. Ratna         |
| 46 | 21H71A05G8 | Sathithi Sindhu Ch       | Ch. Sathithi     |
| 47 | 21H71A05G9 | Sai Kiran M              | M. Kiran         |
| 48 | 21H71A05H1 | Sai Sweetha E            | E. Sweetha       |
| 49 | 21H71A05H6 | Sreethsha K              | K. Sreethsha     |
| 50 | 21H71A05I0 | Sravana Kumar N          | N. Sravana       |
| 51 | 21H71A05I2 | Sravyalakshmi K          | K. Sravyalakshmi |

|    |            |                        |                |                |
|----|------------|------------------------|----------------|----------------|
| 52 | 21H71A0516 | Sultanhani Sk          | Sk. Sia        | Sk. Sia        |
| 53 | 21H71A0518 | Swarni Dasu M          | H. Swarni      | H. Swarni      |
| 54 | 21H71A05J2 | Ventata Manikanta N    | M.V. Manoal    | M.V. Manoal    |
| 55 | 21H71A05J4 | Venkata Sai S          | S. Venkata     | N. Venkata     |
| 56 | 21H71A05J5 | Gopi B                 | Gopi B         | Gopi B         |
| 57 | 22H75A0506 | Gatte Vasu Krishna     | K. Gatte       | K. Gatte       |
| 58 | 22H75A0508 | Kandula SriNivas       | K. SriNivas    | K. SriNivas    |
| 59 | 22H75A0512 | Kowdaganji Hema        | K. Hema        | K. Hema        |
| 60 | 22H75A0515 | Palagani Guru Sudhesh  | P.G. Sudhe     | P.G. Sudhe     |
| 61 | 22H75A0516 | Pambi Bhavani Prasad   | P. Bhavani     | P. Bhavani     |
| 62 | 22H75A0517 | Pasupuleti Karthik Sai | K. Karthik Sai | K. Karthik Sai |
| 63 | 22H75A0518 | Penumuchu Sri Charan   | Sri Charan     | Sri Charan     |
| 64 | 22H75A0519 | Pyla Dinesh Kumar      | Dinesh         | Dinesh         |
| 65 | 22H75A0520 | Chitturi Seshagirirao  | C. Seshagiri   | C. Seshagiri   |



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E mail: office@mictech.ac.in, Website: www.mictech.edu.in



Date: 21.11.2022

**A Report of Two-day Workshop on “Amazon Web Services”**  
held on 16.11.2022 and 17.11.2022.

The department of Computer Science and Engineering organized a Two-day Workshop on “Amazon Web Services” held on 16.11.2022 and 17.11.2022.

The AWS Essentials Workshop was organized with the following objectives:

1. To introduce participants to Amazon Web Services (AWS) and its core services.
2. To provide hands-on experience in setting up and managing AWS resources.
3. To educate participants about best practices in cloud computing and security.
4. To equip participants with foundational AWS knowledge for their professional development.

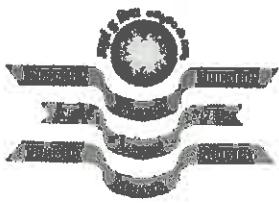
The AWS Essentials Workshop successfully introduced participants to Amazon Web Services, equipping them with essential knowledge and skills for cloud computing. The engaging sessions, hands-on labs, and interactive discussions contributed to a rich learning experience. We hope that the knowledge gained during this workshop will benefit participants in their future endeavors and encourage them to explore AWS further.



HOD

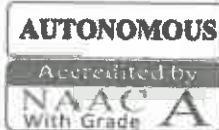
Computer Science & Engineering

Head of the Department  
Computer Science & Engineering  
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**CIRCULAR**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**Date: 27.10.2022**

**To: All Faculty and Students**

**From: HOD CSE**

**Subject: One Week Workshop on "Mobile Application Development using React" in association with Brain O Vision Hyderabad.**

Dear Faculty Members and Students,

We are excited to announce a One Week Workshop on "Mobile Application Development using React" organized by the Department of Computer Science and Engineering in collaboration with Brain O Vision, Hyderabad. This workshop aims to provide participants with hands-on experience in developing mobile applications using the popular JavaScript library React.

**Event Details:**

**Date: from 31.10.2022 to 05.11.2022**

**Venue: CSE Department Seminar Hall**

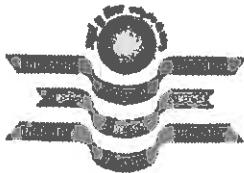
This workshop offers a valuable opportunity to enhance your skills in mobile application development, a field of growing importance in the tech industry. We encourage active participation from both faculty members and students.



HOD

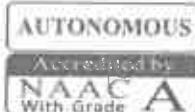
**Computer Science & Engineering**

**Hand of the Department**  
**Computer Science & Engineering**  
**DVR & Dr. HS MIC College of Technology**  
**KANCHIKACHERLA. 521 180.**



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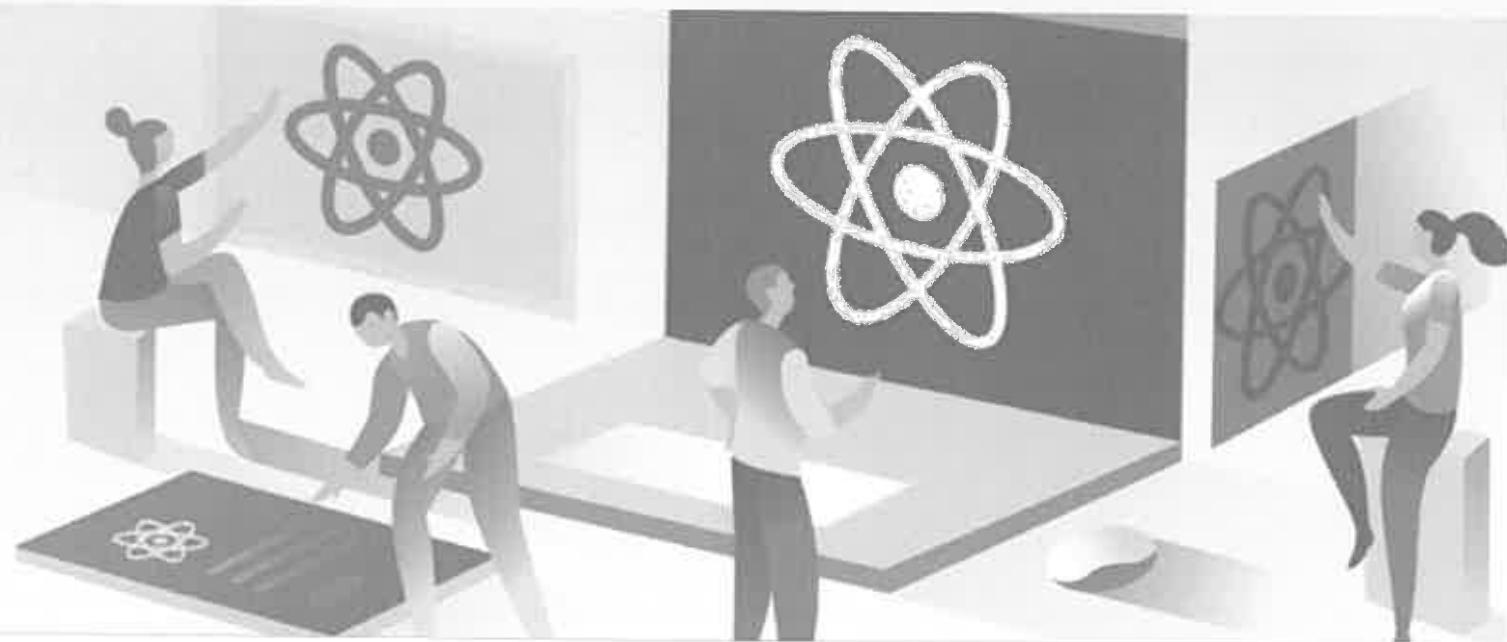
Workshop on  
**MOBILE APPLICATION DEVELOPMENT**  
**(Using Reactive Native)**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**Date: 31 Oct 2022 - 05 Nov 2022**

**VENUE: CSE SEMINAR HALL**

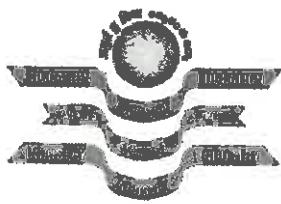
**Co-ordinator: Mr. S. Girish Chandra**





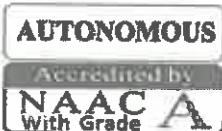
|    |            |                          |                |               |               |               |               |
|----|------------|--------------------------|----------------|---------------|---------------|---------------|---------------|
| 18 | 20H71A0581 | Vamsi G                  | Narsi G        | Narsi G       | Narsi G       | Narsi G       | Narsi G       |
| 19 | 20H71A0582 | Varenya Lakshmi Pushpa P | P.K.Lakshmi P. | Lakshmi P.    | Lakshmi P.    | Lakshmi P.    | Lakshmi P.    |
| 20 | 20H71A0583 | Venkata Kusuma Ch        | Kusuma         | Kusuma        | Kusuma        | Kusuma        | Kusuma        |
| 21 | 20H71A0573 | Dinesh S                 | S. Dinesh      | S. Dinesh     | S. Dinesh     | S. Dinesh     | S. Dinesh     |
| 22 | 20H71A0574 | Divya A                  | Divya A        | Divya A       | Divya A       | Divya A       | Divya A       |
| 23 | 20H71A0575 | Divya Manjusha P         | Manjusha       | Manjusha      | Manjusha      | Manjusha      | Manjusha      |
| 24 | 20H71A0577 | Durga Bhavani P          | D.Bhavani      | D.Bhavani     | D.Bhavani     | D.Bhavani     | D.Bhavani     |
| 25 | 20H71A0578 | Gopichand Ch             | Gopichand      | Gopichand     | Gopichand     | Gopichand     | Gopichand     |
| 26 | 20H71A0579 | Gopi Sai K               | Gopi           | Gopi          | Gopi          | Gopi          | Gopi          |
| 27 | 20H71A0580 | Hafeeza Sk               | Hafeeza        | Hafeeza       | Hafeeza       | Hafeeza       | Hafeeza       |
| 28 | 20H71A0586 | Jaya Lakshmi A           | Jaya Lakshmi   | Jaya Lakshmi  | Jaya Lakshmi  | Jaya Lakshmi  | Jaya Lakshmi  |
| 29 | 20H71A0587 | Jyothika Nandini G       | Nandini        | Nandini       | Nandini       | Nandini       | Nandini       |
| 30 | 20H71A0588 | Karteek T                | Karteek T      | Karteek T     | Karteek T     | Karteek T     | Karteek T     |
| 31 | 20H71A0589 | Kavitha Y                | Kavitha        | Kavitha       | Kavitha       | Kavitha       | Kavitha       |
| 32 | 20H71A0590 | Kedhar Reddy V           | Kedhar         | Kedhar        | Kedhar        | Kedhar        | Kedhar        |
| 33 | 20H71A0591 | Keerthi Priya S          | Keerthi        | Keerthi       | Keerthi       | Keerthi       | Keerthi       |
| 34 | 20H71A0593 | Lakshmi Durga G          | Lakshmi Durga  | Lakshmi Durga | Lakshmi Durga | Lakshmi Durga | Lakshmi Durga |
| 35 | 20H71A0594 | Lakshmi Kavya P          | P.Kavya        | P.Kavya       | P.Kavya       | P.Kavya       | P.Kavya       |
| 36 | 20H71A0595 | Lakshmi Priya G          | Meghana        | Priya         | Priya         | Priya         | Priya         |
| 37 | 20H71A0597 | Meghana K                | Meghana        | Meghana       | Meghana       | Meghana       | Meghana       |
| 38 | 20H71A05A5 | Devi Priya G             | Devi           | Devi          | Devi          | Devi          | Devi          |
| 39 | 20H71A05A6 | Raheem Sk                | Rahem          | Rahem         | Rahem         | Rahem         | Rahem         |
| 40 | 20H71A05B5 | Sai Teja P               | Tela           | Tela          | Tela          | Tela          | Tela          |
| 41 | 20H71A05B6 | Sandhya Rani N           | Sandhya        | Sandhya       | Sandhya       | Sandhya       | Sandhya       |
| 42 | 20H71A05C0 | Sruthi L                 | Sruthi L       | Sruthi L      | Sruthi L      | Sruthi L      | Sruthi L      |
| 43 | 20H71A05C9 | Yaswanth K               | Yaswanth       | Yaswanth      | Yaswanth      | Yaswanth      | Yaswanth      |
| 44 | 20H71A05D1 | Anwar Sd                 | Anwar          | Anwar         | Anwar         | Anwar         | Anwar         |
| 45 | 20H71A05D4 | Bala Venkata Nitheesh V  | Nitheesh       | Nitheesh      | Nitheesh      | Nitheesh      | Nitheesh      |
| 46 | 20H71A05D6 | Chandrabose P            | Chandrabose    | Chandrabose   | Chandrabose   | Chandrabose   | Chandrabose   |
| 47 | 20H71A05E1 | Ganesh K                 | Ganesh         | Ganesh        | Ganesh        | Ganesh        | Ganesh        |
| 48 | 20H71A05E3 | Harish Kumar K           | Harish         | Harish        | Harish        | Harish        | Harish        |
| 49 | 20H71A05E6 | Jahnavi K                | Jahnavi        | Jahnavi       | Jahnavi       | Jahnavi       | Jahnavi       |
| 50 | 20H71A05E8 | Jaya Durga Alekhya D     | Alekhya D      | Alekhya D     | Alekhya D     | Alekhya D     | Alekhya D     |
| 51 | 20H71A05E9 | Jeesha Rani B            | Jeeha          | Jeeha         | Jeeha         | Jeeha         | Jeeha         |





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Date: 08.11.2022

**A Report of One Week Workshop on “Mobile application development using React Native” held between 31.10.2022 and 05.11.2022.**

The department of Computer Science and Engineering organized a One Week Workshop on “Mobile application development using React Native” which included a 36-hour hackathon between 31.10.2022 and 05.11.2022.

The Mobile Application Development workshop using React Native was organized with the following objectives:

1. To introduce participants to the fundamentals of mobile application development.
2. To provide hands-on experience in developing cross-platform mobile apps using React Native.
3. To foster teamwork and creativity through a 36-hour hackathon challenge.
4. To equip participants with the skills and knowledge necessary for building mobile apps.

The Mobile Application Development workshop using React Native was a resounding success, providing participants with the knowledge and skills needed to create mobile applications. The hackathon challenge added an element of excitement and encouraged creative problem-solving. We look forward to organizing more such workshops to foster technological innovation and skill development in the future.



HOD

**Computer Science & Engineering**

Head of the Department  
Computer Science & Engineering  
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KANCHIKACHERLA- 521 180.



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**MIC COLLEGE OF TECHNOLOGY**

**IOC - Outgoing**

**EEE- F 061**

**DEPARTMENT: EEE**

**DATE: 18.10.2022**

**ACADEMIC YEAR: 2022-23**

**SEMESTER: I**

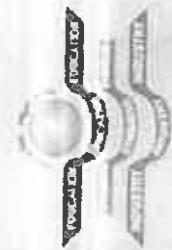
|                      |                                  |
|----------------------|----------------------------------|
| <b>ORIGINATOR</b>    | Head of the Department, EEE      |
| <b>CIRCULATED TO</b> | Faculty & Students of Department |

**Sub: Designing Solar PV Systems workshop for B.Tech IV Year Students – Reg.**

It is proposed to conduct a three day National level workshop for IV Year EEE Students on Designing Solar PV Systems by GREENVION ENERGY TECHNOLOGIES & charging Rs.250/-per candidate.

All the interested students are here by informed to give their acceptance by making their signatures on the roll list provided

(Dr. P. Pradeep)  
Head, Dept. of EEE



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# MIC College of Technology

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**KANCHIKACHERLA-521180, NTR DISTRICT, ANDHRA PRADESH**

## Department of Electrical & Electronics Engineering

A Three Day National Level  
Workshop  
on

OCTOBER

26 - 28

2022

# Designing Solar Energy PV Systems

In Association with  
**Greenvion Energy Technologies**



**Name of the Event :** Workshop

**Date:** 28-10-2022

**Department:** EEE

**Academic Year:** 2022-23

**Topic:** Designing Solar PV Systems Workshop

**Duration:** 3 Days

**Resource Person:** Mr. B.Purushotham Chary

**Target Audience:** B.Tech IV EEE Students.

Department of EEE organized a “Designing Solar PV Systems Workshop ” from 26/10/2022 to 28/10/2022.

A photovoltaic (PV) system is a system composed of one or more solar panels combined with an inverter and other electrical and mechanical hardware that use energy from the Sun to generate electricity. PV systems can vary greatly in size from small rooftop or portable systems to massive utility-scale generation plants. Although PV systems can operate by themselves as off-grid PV systems, this article focuses on systems connected to the utility grid, or grid-tied PV systems

#### **WORKSHOP CONTENT :**

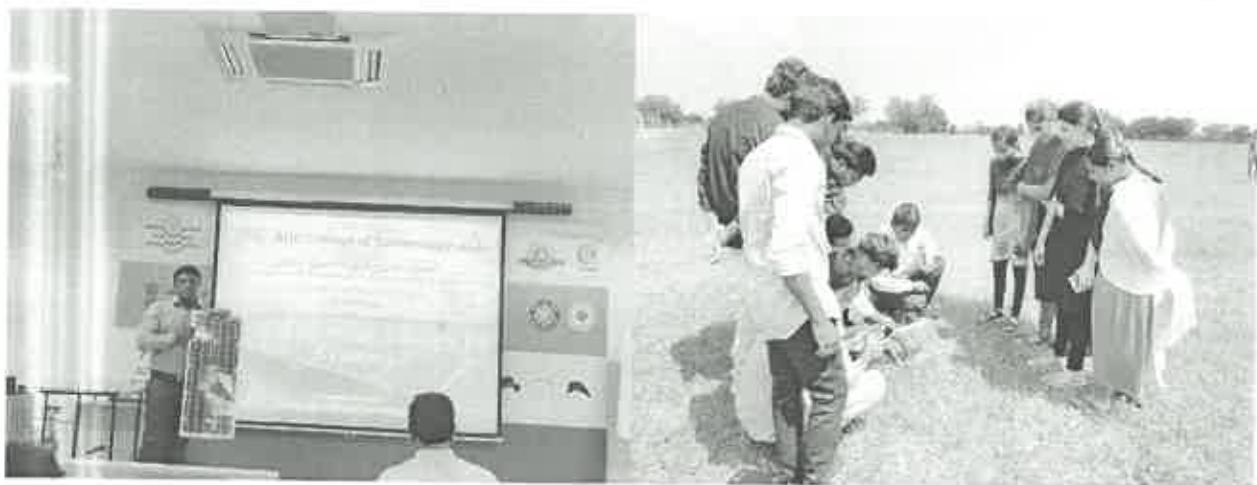
- Introduction to Solar Energy
- Types of Solar PV Power Plants
- Solar PV Power Plant Designing
- Details about O & M.
- Practical sessions on finding load calculations

#### **BENEFITS OF WORKSHOP:**

1. Overview of solar PV technology, characteristics of solar modules and quality issues
2. Impact of accuracy, reliability of solar radiation data on the plant performance.
3. Battery storage technology and selection of battery
4. System design and component sizing for standard regulator and MPPT based regulator
5. System protection and safety equipment sizing and selection
6. Lightening protection and systems earthing design
7. DC and AC cable sizing, selection and estimation of loss due to voltage drop
8. Site assessment & planning
9. Standalone PV system model design and installation practice



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NVon  
(Mr.N.Venu Babu)  
Staff Incharge

K.P.  
(Dr.P.Pradeep)  
Head, Dept. of EEE



D V R & Dr. H S  
**MIC College of Technology**

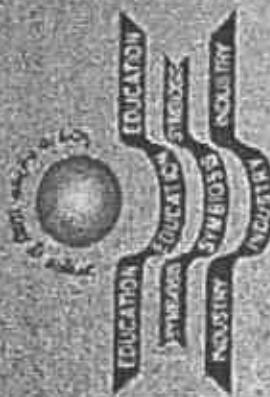
|   |  |                   |
|---|--|-------------------|
| <b>DETAILS OF THE FDP/WORKSHOP</b>  |  | <b>EEE – 3.2C</b> |
| DEPARTMENT:EEE  |  | DATE: 25/10/2022  |
| ACADEMIC YEAR: 2022-2023  |  | SEMESTER:I        |
| Title of the Workshop   | "Designing Solar Energy PV Systems"                                  |                   |
| Date(s)   | 26/10/2022 to 28/10/2022   |                   |
| Venue   | Department Seminar Hall  |                   |
| Beneficiary Faculty/Students  | Department Students  |                   |
| No. of Participants attended  | 81   |                   |
| Faculty Accompanied the Participants  | Dr.B.Karunakar, Mr.N.Venu Babu,<br>Mr.A.V.Ravi Kumar, Mr.S.Ravikanth |                   |
| Mapped POs  |  |                   |
| <b>Details of the Resource Persons</b>  |  |                   |
| Name(s) of the Resource Person  | B.Purushotham Chary  |                   |
| Designation   | Manager- Greenvion Energy technologies, Hyderabad                    |                   |
| Institution / University / Industry   | Greenvion Energy technologies  |                   |
| Address   | Hyderabad  |                   |
| Mobile No.  | +91-7013266822   |                   |
| e mail ID   |  |                   |
| Signatures  |  |                   |
| <b>Key points of the Guest Lecture/Seminar</b>  |  |                   |
| <ul style="list-style-type: none"><li>• Introduction to Solar Energy</li><li>• Types of Solar PV Power Plants</li><li>• Solar PV Power Plant Designing</li><li>• Details about O &amp; M.</li></ul> |  |                   |

**Enclosures:**

1. List of the participants attended the Workshop
2. Photographs during the Workshop

*L. D. S. S.*  
Staff Incharge

*H. C. L.*  
Head of the Department



# DYR & Dr. HS MIC College of Technology

AUTONOMOUS

KANGHIKACHERLA, NTR DISTRICT, ANDHRA PRADESH - 521 180

In Collaboration with

## GREENVION ENERGY TECHNOLOGIES



### Certificate of Participation

This is to certify that Mr. / Ms. T. Sai Teja, Roll No. 20H75A0242 has participated in two-day workshop on "Designing of Solar PV Systems" organized by Department of Electrical and Electronics Engineering at MIC COLLEGE OF TECHNOLOGY on 26-27 October 2022.

N. Venu Babu  
Co-ordinator

Dr. K. Srinivas  
Head of the Department - EEE

B. Purushotham Charu  
Manager-GVET, HYD

Dr. K. Srinivas  
Principal



D V R & Dr. H S  
MIC College of Technology

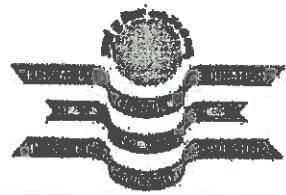
A.Y: 2022-23

Dt: 26/10/2022  
Class/Sem: IV B.Tech/I

**Work Shop on "Designing Solar PV Systems"**

**Attendance Sheet**

| S.No | Roll No    | Name of the student          | Signature<br>26.10.2022 | Signature<br>27.10.2022 | Signature<br>28.10.2022 |
|------|------------|------------------------------|-------------------------|-------------------------|-------------------------|
| 1    | 19H71A0201 | AKSHAYA G                    | AKshaya                 | AKshaya                 | AKshaya                 |
| 2    | 19H71A0202 | ANITHA S                     | S.Anitha                | S.Anitha                | S.Anitha                |
| 3    | 19H71A0203 | BHUVANESH B                  | Bhuvanesh               | Bhuvanesh               | Bhuvanesh               |
| 4    | 19H71A0204 | DHAYANIDHI K                 | Dhayanidhi              | Dhayanidhi              | Dhayanidhi              |
| 5    | 19H71A0205 | DIVYA SRI V                  | Divya Sri               | Divya Sri               | Divya Sri               |
| 6    | 19H71A0206 | KRANTHI KIRAN M              | Kiran.M                 | Kiran.M                 | Kiran.M                 |
| 7    | 19H71A0207 | MAHESH G                     | G.Mahesh                | G.Mahesh                | G.Mahesh                |
| 8    | 19H71A0208 | MALIK MOHAMMED S             | Malik                   | Malik                   | Malik                   |
| 9    | 19H71A0209 | MANASA S                     | Manasa                  | Manasa                  | Manasa                  |
| 10   | 19H71A0210 | NIKHIL G                     | Nikhil G                | Nikhil G                | Nikhil G                |
| 11   | 19H71A0211 | PRIYANKA S                   | S.Priyanka              | S.Priyanka              | S.Priyanka              |
| 12   | 19H71A0212 | SADGHUN P                    | Sadghun                 | Sadghun                 | Sadghun                 |
| 13   | 19H71A0213 | SAHITYA V                    | Sahitya                 | Sahitya                 | Sahitya                 |
| 14   | 19H71A0214 | SATHWIK V                    | Sathwik                 | Sathwik                 | Sathwik                 |
| 15   | 19H71A0215 | SATWIKA V                    | Satwika                 | Satwika                 | Satwika                 |
| 16   | 19H71A0216 | SRIKANTH B                   | Srikant                 | Srikant                 | Srikant                 |
| 17   | 19H71A0217 | SRIKANTH M                   | Srikant                 | Srikant                 | Srikant                 |
| 18   | 19H71A0218 | VASAVI R                     | Vasavi                  | Vasavi                  | Vasali                  |
| 19   | 19H71A0219 | VENKATA KISHORE S            | S.Kishore               | S.Kishore               | S.Kishore               |
| 20   | 19H71A0220 | YAKHOOB P                    | P.Yakhoob               | P.Yakhoob               | P.Yakhoob               |
| 21   | 20H75A0202 | Akanksha M                   | Akanksha                | Akanksha                | Akanksha                |
| 22   | 20H75A0203 | Akhilesh V                   | Akhilesh                | Akhilesh                | Akhilesh                |
| 23   | 20H75A0204 | Allabakshu Sk                | Bhagya                  | Bhagya                  | Bhagya                  |
| 24   | 20H75A0205 | Bhagya Raju T                | T.Raju                  | T.Raju                  | T.Raju                  |
| 25   | 20H75A0206 | Bhanu Lakshman G             | Lakshman                | Lakshman                | Lakshman                |
| 26   | 20H75A0207 | Bhargava Ram N               | Ram                     | Ram                     | Ram                     |
| 27   | 20H75A0208 | Brucelee S                   | Brucelee                | Brucelee                | Brucelee                |
| 28   | 20H75A0209 | Charan D                     | Charan D                | Charan D                | Charan D                |
| 29   | 20H75A0210 | Deepak Srinivas Ch           | Deepak                  | Deepak                  | Deepak                  |
| 30   | 20H75A0212 | Faruk Gani Sk                | Faruk Gani              | Faruk Gani              | Faruk Gani              |
| 31   | 20H75A0213 | Ganesh J                     | Ganesh J                | Ganesh J                | Ganesh J                |
| 32   | 20H75A0214 | Geetha Veera Naga Prasanna V | Prasanna                | Prasanna                | Prasanna                |
| 33   | 20H75A0215 | Gopal S                      | Gopal                   | Gopal                   | Gopal                   |
| 34   | 20H75A0216 | Harika A                     | Harika A                | Harika A                | Harika A                |
| 35   | 20H75A0217 | Harika Devi G                | Harika                  | Harika                  | Harika                  |
| 36   | 20H75A0218 | Harshith R                   | Harshith                | Harshith                | Harshith                |
| 37   | 20H75A0219 | Imran Md                     | Imran                   | Imran                   | Imran                   |
| 38   | 20H75A0221 | Jhansirani B                 | Jhansirani              | Jhansirani              | Jhansirani              |
| 39   | 20H75A0222 | Karthik K                    | Karthik                 | Karthik                 | Karthik                 |
| 40   | 20H75A0223 | Koteswara Rao V              | Koteswara               | Koteswara               | Koteswara               |
| 41   | 20H75A0224 | Lavanya K                    | Lavanya                 | Lavanya                 | Lavanya                 |



Devineni Venkata Ramana & Dr.Hima Sekhar  
**MIC College of Technology**

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Kanchikacherla - 521180, Krishna Dist, A.P., India.

Phone : 08678 - 273533, 273623, Fax: 08678 - 273569

e-mail: dvramao@mictech.ac.in, Website: www.mictsch.ac.in



**THREE DAY NATIONAL LEVEL WORKSHOP ON SENSOR TECHNOLOGY**

**ACTIVITI REPORT**

- 1. ACADEMIC YEAR** : **2022-23**
- 2. DEPARTMENT** : **ECE**
- 3. TITLE OF THE PROGRAM** : **SENSOR TECHNOLOGY**
- 4. BRANCH AND YEAR OF THE PARTICIPANTS** : **2<sup>ND</sup> ECE**
- 5. NUMBER OF STUDENTS PARTICIPATED** : **176**
- 6. NUMBER OF DAYS** : **THREE DAYS**
- 7. DURATION OF THE PROGRAM** **FROM: 20-10-2022** **TO:22-10-2022**
- 8. DETAILS OF TRAINERS** :
- 9. NAME OF THE COORDINATOR** : **G.V.P.CHANDRA SEKHAR**  
**M.ANIL KUMAR**  
**CH.LAKSHMANA**

*Ch. Palle*  
HOD

Konchikachala,

22 - 10 - 2022

To

The Principal,  
DVR & Dr. HS MIC College of Technology,  
Konchikachala.

Sub: Payment of "Sensor Technology" workshop  
Conducted by "TINKER SPACE" BANGLORE for 2 BCE Students - xy

Respected Sir,  
Department of BCE is organising A Two Day National

Level Workshop on "Sensor Technology" dated 21<sup>st</sup> & 22<sup>nd</sup> October 2022

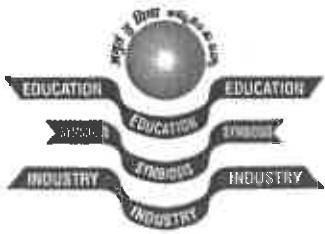
In view of above workshop each student was charged an amount  
of Rs. 450/- each. Total of 176 Students were participating in  
the Hardan Workshop. So, the total amount collected was 176 x 450  
which equals 79,200/-. Sir, please grant us permission to deposit Cash  
in our office and we request you to transfer in online mode to  
"TINKER SPACE" account.

Thanking you

Forwarded to  
Principal Sir  
Ch. Ratty

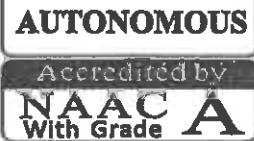
To  
Mr. Nagendra L  
Accounts

pls do the necessary  
Department of BCE.  
J. H. S  
22/10/2022



# DVR & Dr. HS MIC College of Technology

ISO 9001:2015 Certified Institute  
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)  
Kanchikacherla - 521180, NTR Dist; A.P, India.  
Phones: 08678 - 273535 / 94914 57799 / 73826 16824  
E-mail: office@mictech.ac.in, Website: www.mictech.edu.in



Date: 15/10/2022

To  
Dr.K.Srinivas,  
Principal,  
DVR & Dr.HS MIC College of Technology,  
Kanchikacharla, NTR(Dt.),AP.

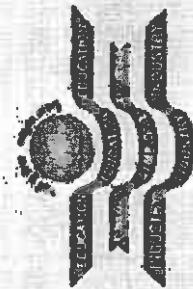
Sir,

This is to bring to your notice that the department of ECE is going to organize a three days national level Workshop on "Sensor technology" from 20<sup>th</sup> October 2022 to 22<sup>nd</sup> October 2022 for second-year students, In association with Thinker Space Bangalore. This course aims at imparting job-oriented training on sensors technology, and concepts IOT from an industry perspective. This course covers wireless sensors, Arduino environment for building devices that can control the physical world. The students who are looking for jobs in the Electronics sector this certification will be helpful.

Hence, I request you to encourage Staff and Students from our college to attend this workshop and get benefited from same. I herewith enclose a brochure for circulation and display on the college and departmental notice boards.

Permission granted  
  
15/10/22

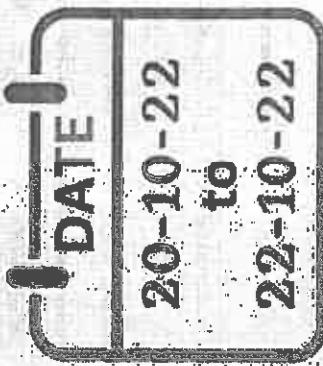
With regards  
  
(Dr.Ch.Pulla Rao)  
Head of the Department, ECE,  
MIC College of Technology,  
Kanchikacharla..



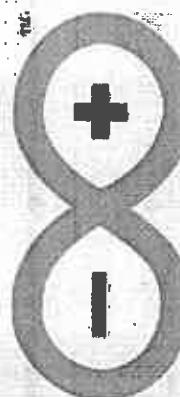
DVR & DR.HS  
**MIC College of Technology**  
An Autonomous Institute

KANCHIKACHERLA-521180, NTR DISTRICT, ANDHRA PRADESH

Department of ECE Organizes



A



ARDUINO

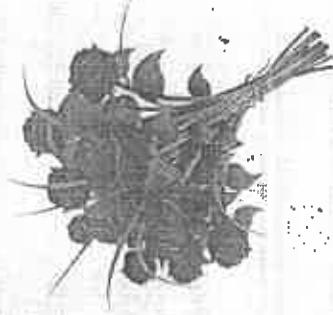
THREE DAY  
NATIONAL LEVEL WORKSHOP

On

"Sensor Technology"



By Tinker Space, Bangalore.



## **Workshop on Arduino and Sensor technology**

**Training fee per student : 250/-**

**Workshop duration : 2 days**

### **Material cost per batch :**

**Option 1 : Arduino Uno and sensors kits – 750/- INR**

Arduino Uno, Light sensor, Fire sensor, Temperature sensor, IR proximity sensor, Rain sensor, Jumper wires, LEDs, USB cable

**Option 2 : Arduino nano and sensors kits – 600/- INR**

Arduino nano, Light sensor, Fire sensor, Temperature sensor, IR proximity sensor, Rain sensor, Jumper wires, LEDs, USB cable

### **Training content:**

**Day 1 : First half – (Theory)**

Introduction to sensor technology

Understanding Arduino (IDE and HW)

Understanding Input and output unit

Software setups

**Day 1 : Second half (Practical)**

Introduction to coding

Interfacing LEDs

Interfacing all sensors to Arduino

Code debugging

Assigning projects - 3 projects per batch

**Day 2 : (Practical)**

Project development process

Introduction to Raspberry-pi

Project demonstration on Raspberry-pi



Devineni Venkata Ramana & Dr. Hima Sekhar  
**MIC College of Technology**

ECE - F 067/A

INTERNAL NOTICE CIRCULATED TO STUDENTS ABOUT WORKSHOP  
DEPARTMENT: ECE

ACADEMIC YEAR: 2022-23

DATE: 20, 21, 22 Oct 2022

SEMESTER: III

|                                      |  |
|--------------------------------------|--|
| Name of the speaker(s)               | 1. Manoj Kumar M<br>2. ABHILASH SHETTY<br>3 G.NANDAN KUMAR RAO                       |
| Designation                          | i. Founder of TINKER SPACE<br>2,3 Co-founders.                                       |
| Institution/University/Organization: | TINKER SPACE   |
| Title of the Lecture                 | Sensor Technology.   |
| Date & Time                          | 20, 21, 22 Oct 2022 Time: 9 AM to 4 PM.  |
| venue                                | ECE Seminar Hall.  |
| Beneficiary                          | II Year I Sem.   |
| Signature                            |  |
| Comments Speaker(s)                  |  |

Arranged by :

Address/conduct No. :

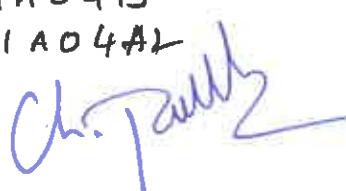
Names of Student who offered feedback(feedback enclosed)

1 . 21H71A0415

2 21H71A0442

Verified by HOD

Date:





**PVR & Dr HS MIC College Of Technology**  
**Department of ECE**  
**Workshop on "IoT Applications with Latest Boards"**  
**Workshop Attendance: 19th & 20th October 2022**

| S.No. | Roll No.   | Name                     | Signature (19-10-22)   | Signature(20-10-22)    |
|-------|------------|--------------------------|------------------------|------------------------|
| 1     | 21H71A0401 | ABDUL RASHID S.          | S.K. Rashid            | S.K. Rashid            |
| 2     | 21H71A0402 | AKHILAT                  | T. Akhila              | T. Akhila              |
| 3     | 21H71A0403 | ANAND P.                 | P. Anand               | P. Anand               |
| 4     | 21H71A0404 | ASHIK SK                 | A. Ashik               | A. Ashik               |
| 5     | 21H71A0405 | BABI K                   | K. Babi                | K. Babi                |
| 6     | 21H71A0406 | BHANU D                  | D. Bhunu               | D. Bhunu               |
| 7     | 21H71A0407 | BHAVANA A                | A. Bhavana             | A. Bhavana             |
| 8     | 21H71A0408 | CHAKRADHAR K             | K. Chakradhar          | K. Chakradhar          |
| 9     | 21H71A0409 | CHINNA REDDAIAH NAIDU K  | K. Chinna Reddiah      | K. Chinna Reddy        |
| 10    | 21H71A0410 | DEEKSHITHA V.            | V. Deepashtha          | V. Deepashtha          |
| 11    | 21H71A0411 | GANESH A.                | A. Ganesh              | A. Ganesh              |
| 12    | 21H71A0412 | GIDIAN BABU B            | B. Gidian Babu         | B. Babu                |
| 13    | 21H71A0413 | GIRISH A                 | A. Girish              | A. Girish              |
| 14    | 21H71A0414 | GOPI G                   | G. Gopi                | G. Gopi                |
| 15    | 21H71A0415 | HARITHA J PAREKH         | Haritha J. Parekh      | Haritha J. Parekh      |
| 16    | 21H71A0416 | HIMAJA S                 | S. Himaja              | S. Himaja              |
| 17    | 21H71A0417 | JAGADEESH O              | O. Jagadeesh           | O. Jagadeesh           |
| 18    | 21H71A0418 | JEEVAN M                 | M. Jeevan              | M. Jeevan              |
| 19    | 21H71A0419 | K N VENKATA VIGNESWARI T | T. K. N. V. Vigneswari | T. K. N. V. Vigneswari |
| 20    | 21H71A0420 | KASI NARENDRA P          | P. Kasi Narendra       | P. Kasi Narendra       |
| 21    | 21H71A0421 | KAVYA SRI G              | G. Kavya               | G. Kavya               |
| 22    | 21H71A0422 | L RAGHAVA SAI ABHIRAM V  | V. Abhiram             | V. Abhiram             |
| 23    | 21H71A0423 | MADHURI M                | M. Madhuri             | M. Madhuri             |
| 24    | 21H71A0424 | MEHER SANTOSH A          | A. Meher. Santosh      | A. Meher Santosh       |
| 25    | 21H71A0425 | MOJESH J                 | ABSENT                 |                        |
| 26    | 21H71A0426 | N V PAVAN KUMAR M        | M. Pavan Kumar         | M. Pavan Kumar         |
| 27    | 21H71A0427 | NAJIYAS.                 | S.K. Najiya            | S.K. Najiya            |
| 28    | 21H71A0428 | NAVYA R                  | R. Navya               | R. Navya               |
| 29    | 21H71A0429 | NIKHITHA Y               | Y. Nikhitha            | Y. Nikhitha            |
| 30    | 21H71A0430 | PAVAN G                  | G. Pavag               | G. Pavag               |
| 31    | 21H71A0431 | PAVAN KUMAR REDDY        | Pavan P.               | Pavan                  |
| 32    | 21H71A0432 | PHANIDHAR M              | M. Phanidhar           | M. Phanidhar           |
| 33    | 21H71A0433 | PULLARAO A               | A. Pullarao            | A. Pullarao            |
| 34    | 21H71A0434 | RADHIKA D                | Radhike                | R. Radhika             |
| 35    | 21H71A0435 | RAJANI B                 | B. Rajani              | B. Rajani              |
| 36    | 21H71A0436 | RAVINDRA KUMAR R         | R. Ravindra            | R. Ravindra            |
| 37    | 21H71A0437 | S L RAJA RAJESWARI K     | L. Rajalakshmi         | K. Rajalakshmi         |
| 38    | 21H71A0438 | SAIPRASANNA CH           | Ch. Sai Prasanna       | Ch. Sai Prasanna       |
| 39    | 21H71A0439 | SAIRAM V                 | V. Sairam              | V. Sairam              |
| 40    | 21H71A0440 | SAMUEL M                 | M. Samuel              | M. Samuel              |
| 41    | 21H71A0441 | SATISH A                 | A. Satish              | A. Satish              |
| 42    | 21H71A0442 | SREE DIVYA N             | N. Sreedivya           | N. Sreedivya           |
| 43    | 21H71A0443 | SRIHARINI CH             | Ch. Sriharini          | Ch. Sriharini          |
| 44    | 21H71A0444 | SRIKANTH REDDY V         | V. Srikanth Reddy      | V. Srikanth Reddy      |
| 45    | 21H71A0445 | SUDHARSAN D              | D. Sudharsan           | D. Sudharsan           |
| 46    | 21H71A0446 | SUDHARSHAN RAO T         | T. Sudharsan Rao       | T. Sudharsan Rao       |
| 47    | 21H71A0447 | SUMAIMA FATHIMA SK       | SK. Sumaima Farthima   | SK. Sumaima Farthima   |



**DVR & DFES MIC College Of Technology**  
**Department of ECE**  
**Workshop on "IoT Applications with Latest Boards"**  
**Workshop Attendance: 19th & 20th October 2022**

| S.No. | Roll No.   | Name                     | Signature (19-10-22) | Signature(20-10-22) |
|-------|------------|--------------------------|----------------------|---------------------|
| 1     | 21H71A0456 | ABHINASH A               |                      |                     |
| 2     | 21H71A0457 | AJAY KUMAR K             | b. Ajay Kumar        | K. Ajay Kumar       |
| 3     | 21H71A0458 | AKHILA T                 | Akhila T             | Akhila T            |
| 4     | 21H71A0459 | ARAVIND T                | A. Aravind           | A. Aravind.         |
| 5     | 21H71A0460 | ARUNANJALI S             | S. Arunanjali        | S. Arunanjali       |
| 6     | 21H71A0461 | ARUNODAYA PRINCE R.      | R. Prince            | R. Prince           |
| 7     | 21H71A0462 | BHARATH VIKAS K          | k. Bharath Vikas     | K. Bharath Vikas    |
| 8     | 21H71A0463 | BHARGAV G                | G. Bhargav           | G. Bhargav          |
| 9     | 21H71A0464 | BHARGAV R                | R. Bhargav           | R. Bhargav          |
| 10    | 21H71A0465 | BHAVISHYA B              | B. Bhavishya         | B. Bhavishya        |
| 11    | 21H71A0466 | GANESH B                 | B. Ganesh            | B. Ganesh           |
| 12    | 21H71A0467 | GANESH YADAV N           | N. Ganesh Yadav      | N. Ganesh Yadav     |
| 13    | 21H71A0468 | GOPI G                   | G. GoPi              | G. GoPi             |
| 14    | 21H71A0469 | HARI KIRAN B             | B. Hari              | B. Hari             |
| 15    | 21H71A0470 | HARSHAN KUMAR P          | P. Harshan           | Harshan             |
| 16    | 21H71A0471 | HARSHITHA M              | Harshitha            | Harshitha           |
| 17    | 21H71A0472 | J VENKATA SIVA KRISHNA M | M.J.V. Srikrishna    | M.J.V. Srikrishna   |
| 18    | 21H71A0473 | JAYA KIRAN M             | M. Jaya kiran        | M. Jaya kiran       |
| 19    | 21H71A0474 | KARIMULLA SK             | SK. Karimulla        | SK. Karimulla       |
| 20    | 21H71A0475 | KARTHIK CH               | Ch. Karthik          | ch. Karthik         |
| 21    | 21H71A0476 | MALINI B                 | B. Malini            | B. Malini           |
| 22    | 21H71A0477 | NAGA JYOTHI K            | K. Naga Jyothi       | K. Naga Jyothi      |
| 23    | 21H71A0478 | NARAYANA P               | P. Narayana          | P. Narayana         |
| 24    | 21H71A0479 | NARENDRA REDDY J         | J. Narendra Reddy    | J. Nagappareddy     |
| 25    | 21H71A0480 | NITHIN G                 | G. Nithin            | G. Nithin           |
| 26    | 21H71A0481 | PAVAN KUMAR B            | B. Pavankumar        | B. Pavankumar       |
| 27    | 21H71A0482 | PAVANI M                 | M. Pavani            | M. Pavani           |
| 28    | 21H71A0483 | PRUDHVI K                | K. Prudhvi           | K. Prudhvi          |
| 29    | 21H71A0484 | RAHUL N                  | N. Rahul             | N. Rahul            |
| 30    | 21H71A0485 | RAKSHITHA A              | A. Rakshitha         | A. Rakshitha        |
| 31    | 21H71A0486 | RAMA NAIDU K             | Rama Naidu K         | Rama Naidu K        |
| 32    | 21H71A0487 | RAMAKRISHNA K            |                      |                     |
| 33    | 21H71A0489 | RÜBEENA SHAHAZADI SK     | SK. Ruhi             | Ruhi                |
| 34    | 21H71A0490 | SHABNAM ROHI SK          | Sk. shabnam Rohi     | Sk. Shabnam Rohi    |
| 35    | 21H71A0491 | SHINEY M                 | M. Shiney            | M. Shiney           |
| 36    | 21H71A0492 | SIVA PARVATHI U          | U.Siva Parvathi      | U.Sivaparvathi      |
| 37    | 21H71A0493 | SIVA SRAVANI A           | Siva Sravani         | Siva Sravani        |
| 38    | 21H71A0494 | SONALIKA S               | S.Sonalika           | S.Sonalika          |
| 39    | 21H71A0495 | SRAVANA KUMAR A          | A. Sravankumar       | A. Sravankumar      |
| 40    | 21H71A0496 | SUMAYYA SK               | Sk. Sumayya          | Sk. Sumayya         |
| 41    | 21H71A0497 | SURENDRA M               | M. Surendra          | M. Surendra         |
| 42    | 21H71A0498 | T N BRAHMANANDAM N       | N. Teja Nagendra     | N. Teja Nagendra    |



DVR & Dr HS MIC College Of Technology

Department of ECE

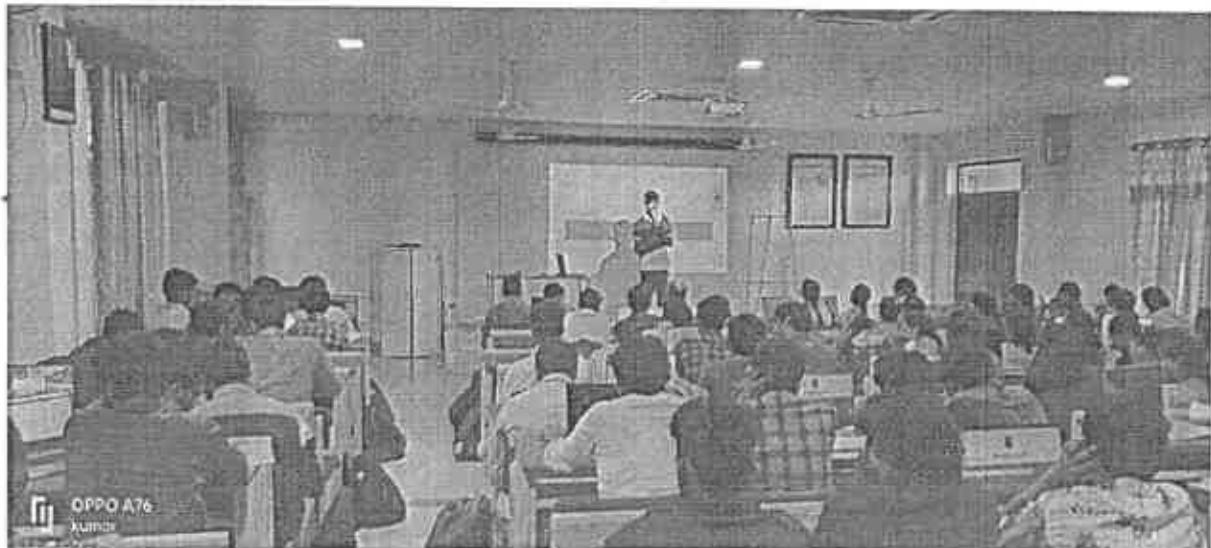
Workshop on "Sensor Technology"

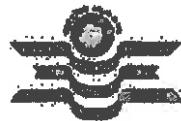
Workshop Attendance: 21st & 22nd October 2022

| S.No. | Roll No.   | Name                    | Signature (21-10-22) | Signature(22-10-22) |
|-------|------------|-------------------------|----------------------|---------------------|
| 1     | 21H71A04B1 | ABDUL SATTAR SK         | Sattar sk            | Abdul sattar.       |
| 2     | 21H71A04B2 | ABHIRAM A               | A.BhiRam             | A.BhiRam            |
| 3     | 21H71A04B3 | ALEKHA K                | K.Alekha.            | K.Alekha.           |
| 4     | 21H71A04B4 | BHAVANI B               | B.Bhavani            | B.Bhavani           |
| 5     | 21H71A04B5 | DHARANI M               | DHARANI - M          | Dharani M           |
| 6     | 21H71A04B6 | G S VENKATA MANIKANTA V | V.Govardhan          | V.Govardhan         |
| 7     | 21H71A04B7 | GANESH K                |                      |                     |
| 8     | 21H71A04B8 | GOPI CH                 | Ch.Gopi              | ch.Gopi             |
| 9     | 21H71A04B9 | GOVARDHAN NAIDU S       | S.Govardhan          | S.Govardhan         |
| 10    | 21H71A04C0 | HARINI S                | S.Harini             | S.Harini            |
| 11    | 21H71A04C1 | HARSHINI M              | Harshini M           | Harshini M          |
| 12    | 21H71A04C2 | HEMANTH KUMAR CH        | Ch. Hemanth          | Ch. Hemanth         |
| 13    | 21H71A04C3 | KALYANI S               | S.Kalyani            | S.Kalyani           |
| 14    | 21H71A04C4 | KARTHIK M               | Karthik M            | Karthik M           |
| 15    | 21H71A04C5 | LEKHANA B               | B.Lekhana            | B.Lekhana           |
| 16    | 21H71A04C6 | MAHESH K                | Mahesh               | Mahesh              |
| 17    | 21H71A04C7 | MEDHANIDHI B            | B.Medha Nidhi        | B.Medha Nidhi       |
| 18    | 21H71A04C8 | MIKHILA REDDY M         | Mikhila M            | Mikhila M           |
| 19    | 21H71A04C9 | MOUNIKA T               | T.Mounika            | T.Mounika           |
| 20    | 21H71A04D0 | MUTYAM JAYARAM G        | G.Jayaram            | G.Jayaram           |
| 21    | 21H71A04D1 | N V JASWANTH KIRAN K    | K.N.V.Jaswanth kiran | K.Jaswanth          |
| 22    | 21H71A04D2 | NAGA VAMSI T            | T.Naga vamsi         | T.Naga vamsi        |
| 23    | 21H71A04D3 | NAGA VARDHINI S         | S.Naga Vardhini      | S.Naga Vardhini     |
| 24    | 21H71A04D4 | NAGABABU Y              | N.Nagababu           | N.Nagababu          |
| 25    | 21H71A04D5 | NAGENDRA KUMAR CH       | Ch.Nagendra          | Ch.Nagendra         |
| 26    | 21H71A04D6 | NIKITH MANIKANTA R      | R.Nikith             | R.Nikith            |
| 27    | 21H71A04D7 | PAVAN KUMAR R           | R.Pavan Kumar        | R.Pavan Kumar       |
| 28    | 21H71A04D8 | PAVAN P                 | P.Pavan              | P.Pavan             |
| 29    | 21H71A04D9 | POOJA K                 | Pooja K              | Pooja K             |
| 30    | 21H71A04E0 | PRABHAKAR CH            | CH-Prabhakar         | CH-Prabhakar        |
| 31    | 21H71A04E1 | RAJESH CH               | Ch.Rajesh            | Ch.Rajesh           |
| 32    | 21H71A04E2 | RENUKA SRI K            | K.Renu Sri           | K.Renu Sri          |
| 33    | 21H71A04E3 | SAI CHARISHMA REDDY.Y   | Y.Charishma reddy    | Y.Charishma reddy   |
| 34    | 21H71A04E4 | SAI KRISHNA B           | B.Sai Krishna        | B.Sai Krishna       |
| 35    | 21H71A04E5 | SAI KRISHNA G           | G.Sai Krishna        | G.Sai Krishna       |
| 36    | 21H71A04E6 | SALMA SK                | Salma .sk            | Salma .sk           |
| 37    | 21H71A04E7 | SAMATHA B               | Samatha .B           | Samatha .B          |
| 38    | 21H71A04E8 | SASANK N                | N.Sasank             | N.Sasank            |
| 39    | 21H71A04E9 | SIRIL P                 | P.Siril              | P.Siril             |
| 40    | 21H71A04F0 | SIVA KUMAR B.           | SIVA KUMAR           | Siva Kumar          |
| 41    | 21H71A04F1 | SNEHA B                 | B.Sneha              | B.Sneha             |
| 42    | 21H71A04F2 | SOUMYANJALI P           | P.Soumyanali         | P.Soumyanali        |



Devineni Venkata Ramana & Dr. Hima Sekhar  
**MIC College of Technology**





Devineni Venkata Ramana & Dr. Hima Sekhar  
**MIC College of Technology**

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Devineni Venkata Ramana & Dr. Hima Sekhar  
**MIC College of Technology**

**WORKSHOP EVALUATION SHEET**

**ECE - F 067**

DEPARTMENT: **ECE**

DATE: 20, 21, 22 Oct 2022

ACADEMIC YEAR: 2022-23

SEMESTER: **[I]**

|                                       |   |
|---------------------------------------|---|
| Name of the speaker(s)                | 1. Manoj KUMAR, M, ABHILASH SHETTY, S NANDAN RAOC |
| Designation                           | 1. Founder of Tinker Space.<br>2, 3. CO-founder.  |
| Institution/University/Organization : |   |
| Title of the Lecture                  | :   |
| Date & Time                           | :   |
| venue                                 | :   |
| Beneficiary                           | :   |
| Signature                             | :   |
| Comments Speaker(s)                   | :   |

Arranged by :

Address/conduct No. :

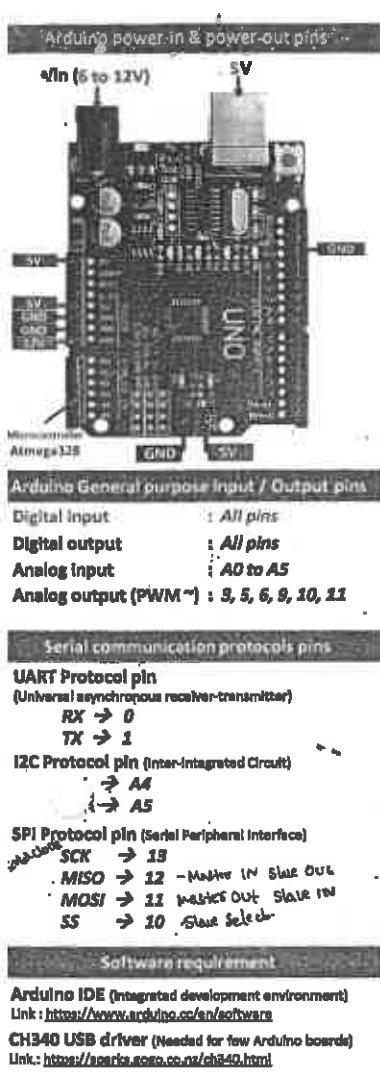
Names of Student who offered feedback(feedback enclosed)

1  
2

Verified by HOD

*Ch. Palle*

Date:



# Tinker Space.in

Comparison of Arduino with other popular development platforms:

| Features               | Arduino Uno<br>Arduino nano | NodeMCU<br>(ESP8266)   | NodeMCU<br>(ESP32)     |
|------------------------|-----------------------------|------------------------|------------------------|
| Flash memory           | 32KB                        | 4MB                    | 4MB                    |
| Digital Input / Output | 20 pins                     | 12 pins                | 25 pins                |
| Analog Input           | 6 pins                      | 1 pins                 | 15 pins                |
| Analog output          | 6 pins                      | 6 pins                 | 25 pins                |
| Protocols              | UART / I2C / SPI            | UART / I2C / SPI / 12S | UART / I2C / SPI / 12S |
| WiFi connectivity      | No                          | Yes                    | Yes                    |
| In built Bluetooth     | No                          | No                     | Yes                    |

## MOST POPULAR INTERFACING UNITS

| INPUT UNITS                               | OUTPUT UNITS  |
|---|---|
| D Switch                                  | PWM & D LED / LASER LED   |
| D 4x4 Keypad                              | PWM RGB LED   |
| A&D Light sensor,                         | PWM & D Buzzer  |
| A&D Fire sensor,                          | D Audio play kit (ISD1820)  |
| A&D Temperature sensor                    | Display   |
| A&D Sound sensor                          | I2C - 16x2 LCD display  |
| A&D Soil moisture sensor                  | I2C - 1.3 inch OLED display   |
| A&D Rain sensor                           | SPI - 2.4 inch Touch LCD display  |
| A&D Alcohol sensor (MQ3)                  | Motors  |
| A&D LPG sensor (MQ6)                      | PWM & D - DC motor (Low torque - High speed)<br>(Need Transistor switch)            |
| A&D Air quality sensor (MQ135)            | PWM & D - Gear motor (High torque - Low speed)<br>(Need L293D or L298 motor driver) |
| D IR proximity sensor (Object)            | PPM (D) - Servo motor MG90 (Control with angle)<br>(Direct control with Arduino)    |
| D Ultrasonic sensor (Object)              | D - Stepper motor<br>(Need stepper motor driver)                                    |
| A Hall effect sensor                      | D - Vibration motor (Control with angle)<br>(Direct control with Arduino)           |
| D Touch sensor                            | PWM - BLDC motor (Very High speed)<br>(Need BLDC driver)                            |
| A Pulse sensor                            | PWM & D - AC motor (230V) (High speed)<br>(Need relay switch or SSR switch)         |
| A Temperature (LM35) Degree C             | D - Water pump / Solenoid valve<br>(Need Transistor switch / Relay switch)          |
| D TSOP1838 (TV remote decoder sensor)     | Wireless communication<br>(Can be used as Input & Output)                           |
| A Flex sensor                             | UART GSM (SMS / Call / Mobile network)  |
| A Accelerometer (ADXL335)                 | UART Bluetooth module (HC05)  |
| A Gyroscope                               | UART ZigBee module (RF network)   |
| A Weight sensor (Weight sensor)           | UART WiFi module (ESP modules)  |
| A Pressure sensor                         |   |
| D Color sensor                            |   |
| I2C Pulse oximetry sensor                 |   |
| UART Fingerprint module (R303 / R307)     |   |
| UART GPS (location)                       |   |
| SPI RFID reader (To read Smart card data) |   |
| I2C RTC (Real Time Clock)                 |   |
| SPI SD card module                        |   |
| D PIR sensor (Motion detection)           |   |
| A Joystick module                         |   |

```
// Define all pin names using #define directive
#define sensor_name A0
#define output_name 3

// Declare all required variables
int value = 0;

void setup() // Executes only once
{
  // Configure all Input & Output
  pinMode(sensor_name, INPUT);
  pinMode(output_name, OUTPUT);
  // Initialize serial communication with PC
  Serial.begin(9600);
}

void loop() // Executes for infinite times
{
  // Project logic
}
```

## Commonly used Arduino Instructions

```
// Digital Input (pin - Any pins can be used)
value = digitalRead(pin); // value 0 or 1

// Digital output (pin - Any pins can be used)
digitalWrite(pin, value); // value 0 or 1

// Analog input (pin - Only A0 to A5 pins)
value = analogRead(pin); // value 0 to 1023

// Analog output (PWM) (pin - Only 8, 5, 6, 9, 10, 11)
analogWrite(pin, value); // value 0 to 255

// SerialPrint to print the results in PC serial monitor
Serial.print("Sensor value is = ");
// prints Sensor value is = " " to serial monitor

Serial.println(value);
// prints content of value and moves to the next line

// delay in milli-seconds
delay(1000); // delay of 1 second
```

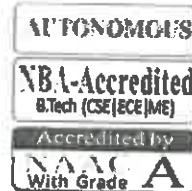
## Steps to upload code to Arduino

- 1) Open Arduino IDE
- 2) Write code in the editor section of IDE
- 3) Go Tools → Board (Choose Arduino Uno)
- 4) Go Tools → Port (Choose valid com port)
- 5) Compile code by pressing
- 6) Upload code by pressing
- 7) To test code, Open serial monitor by pressing



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Email: [office@mic.ac.in](mailto:office@mic.ac.in), Website: [www.mictech.ac.in](http://www.mictech.ac.in)



**DEPARTMENT OF MECHANICAL ENGINEERING**

**CIRCULAR**

10.10.2022

All the IV-B.Tech. Mechanical Engineering Students are hereby informed that the Workshop on “**Additive Manufacturing**” is scheduled from 19.10.2022 to 21.10.2022. The following are the content of the program.

- 3D Model Creation
- STL file preparation and conversion
- Additive Manufacturing- An Overview
- Types of Additive Manufacturing Process
- Polymer & Ceramic 3D Printing
- Metal 3D Printing
- Post Processing Techniques

All the interested students can enroll their names on or before 17.10.2022 with the coordinator Dr. D. Venkata Siva Reddy, Associate Professor, Mechanical Engineering Dept.

**HOD**  
**Mechanical Engineering**

*Head of the Department*  
*Dept. of Mechanical Engg.*

*DVR & Dr. HS MIC College of Technology*  
*Kanchikacherla, Krishna Dist.*  
*Andhra Pradesh, India – Pin: 521180*

Circulation to:

IV. B.Tech., ME



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**DEPARTMENT OF MECHANICAL ENGINEERING**

17.10.2022

**Workshop on “Additive Manufacturing”**

**PROGRAM SCHEDULE**

| <b>Day</b> | <b>Time</b>         | <b>Topic</b>   | <b>Venue</b> |
|------------|---------------------|--|--------------|
| Day 1      | 09.15 AM - 11.00 AM | Inaugural ceremony   | Seminar Hall |
|            | 11.10 AM - 12.40 PM | Additive Manufacturing Technology Overview                                     | Seminar Hall |
|            | 02.00 PM - 03:15 PM | Types of Additive Manufacturing and its role                                   | Seminar Hall |
|            | 03.15 PM - 04.30 PM | Overview of Standard Development Process at ASTM and the need for AM Standards | Seminar Hall |
| Day 2      | 09.15 AM - 11.00 AM | Additive Manufacturing Standards Development Landscape                         | Seminar Hall |
|            | 11.10 AM - 12.40 PM | CAM Software   | CAD/CAM Lab  |
|            | 02.00 PM - 03:15 PM | .stl file preparation and Conversion   | CAD/CAM Lab  |
|            | 03.15 PM - 04.30 PM | Polymer and Ceramic 3D Printing Process  | CAD/CAM Lab  |
| Day 3      | 09.15 AM - 11.00 AM | Metal 3D Printing Process  | CAD/CAM Lab  |
|            | 11.10 AM - 12.40 PM | Metal Arc Additive Manufacturing   | CAD/CAM Lab  |
|            | 02.00 PM - 03:15 PM | Post Processing Techniques   | CAD/CAM Lab  |
|            | 03.15 PM - 04.30 PM | Feedback & Valedictory Function  | Seminar Hall |

**HOD**  
**Mechanical Engineering**

Handwritten Signature  
 Deptt. of Mech. Engg.  
 DVR & Dr. HS MIC College of Technology  
 Kanchikacherla, Andhra Prd.  
 Andhra Pradesh, India - Pin: 521180



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Phone: 08678 – 273535, 273623, Fax: 08678 – 273569

Email: [fficmic.tech@gmail.com](mailto:fficmic.tech@gmail.com), Website: [www.mictech.ac.in](http://www.mictech.ac.in)



**DEPARTMENT OF MECHANICAL ENGINEERING**

List of participants for the Workshop on “Additive Manufacturing” from 19.10.2022 to 21.10.2022.

| Sl. No. | Roll.No.   | Name                         |
|---------|------------|------------------------------|
| 1       | 19H71A0301 | Essak. CH                    |
| 2       | 19H71A0302 | Ganesh. U                    |
| 3       | 19H71A0303 | Hari Krishna. Y              |
| 4       | 19H71A0304 | Leela Prasad. T              |
| 5       | 19H71A0305 | Lohith. V                    |
| 6       | 19H71A0306 | Murali. D                    |
| 7       | 19H71A0308 | Sravankumar. M               |
| 8       | 19H71A0309 | Surya Teja. P                |
| 9       | 19H71A0310 | Venkata Siva Rama Krishna. K |
| 10      | 19H71A0311 | Vamsi Babu. B                |
| 11      | 19H71A0312 | Veera Maharshi Siva Ratna. K |
| 12      | 19H71A0313 | Venkata Anjaneya Prasad. A   |
| 13      | 20H75A0301 | Abdul Shaheed. MD            |
| 14      | 20H75A0302 | Akbar. SK                    |
| 15      | 20H75A0303 | Amrutha Prem Sagar. T        |
| 16      | 20H75A0304 | Gnana Deep. T                |
| 17      | 20H75A0305 | Harish. R                    |
| 18      | 20H75A0308 | Karthika. Y                  |
| 19      | 20H75A0309 | Mahammad Rafi. SK            |
| 20      | 20H75A0310 | Mahesh. B                    |
| 21      | 20H75A0311 | Mahesh Varun. K              |
| 22      | 20H75A0312 | Maneesh. V                   |
| 23      | 20H75A0313 | Nagaraju. M                  |
| 24      | 20H75A0316 | Omkar. A                     |
| 25      | 20H75A0317 | Prem Kumar. S                |
| 26      | 20H75A0321 | Sanath. P                    |
| 27      | 20H75A0324 | Udaybhaskar. K               |
| 28      | 20H75A0325 | Venkatasai Niranjan. V       |
| 29      | 20H75A0327 | Venkatesh. R                 |
| 30      | 20H75A0328 | Venkateswara Rao. K          |

*KB*  
 co-ordinator  
*D. Durga*

**HOD**

**Mechanical Engineering**

**Head of the Department**  
**Dept. of Mechanical Engg.**  
**DVR & Dr. HS MIC College of Technology;**  
 Kanchikacherla, Krishna Dt.  
 Andhra Pradesh, India – Pin: 521180



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Email: [office.mic@rediffmail.com](mailto:office.mic@rediffmail.com), Website: [www.mictech.ac.in](http://www.mictech.ac.in)



23.10.2022

## A Report on Program Workshop on "Additive Manufacturing"

The Department of Mechanical Engineering organized a Workshop on "Additive Manufacturing" from 19.10.2022 to 21.10.2022.

Dr. D. Venkata Siva Reddy, HOD, Mechanical Engineering welcomed the participants. The inaugural function was held in the morning under the chairmanship of Dr. K. Srinivas, Principal. The program commenced with prayer.

Mr. P. Srinivas, CAD Solutions, Hyderabad has presented lectures through PPTs and rapid prototyping machines (3D Printing). The faculty members and students have participated in this program. He has also explained the major parts involved in rapid prototyping and its process. 30 number of participants attended.

The following topics are explained in the program:

- Additive Manufacturing - An Overview
- Additive Manufacturing and its types
- Subtractive process, additive process, formative process of manufacturing.
- 3D modeling (CAD)
- Data conversion (convert solid to facet information)
- Polymer, Metal and Ceramic 3D Printing
- Post processing for finishing

A valedictory function was arranged on 21.10.2022 at 3.30 PM by inviting our Principal, Dr. K. Srinivas and faculty also participated in the program, feedback was taken from the participants and also distributed the certificates to the students, Vote of thanks was followed by a National Anthem were the highlights of the Valedictory function.

Yours  
co-ordinator

D. Ranga

  
HOD  
Mechanical Engineering

Head of the Department  
Dept. of Mechanical Engg.  
DVR & Dr. HS Institute of Technology  
Kanchikacherla, Krishna Dt.  
Andhra Pradesh, India - Pin: 521180



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Email: officemic@mictech.ac.in, Website: www.mictech.ac.in



**23.10.2022**

**School of Engineering  
DEPARTMENT OF MECHANICAL ENGINEERING**

**Course Outcomes**

Workshop on Additive Manufacturing

At the end of the course, the participants will be able to:

- Describe various CAD issues for 3D printing and rapid prototyping and related operations for STL model manipulation.
- Formulate and solve typical problems on reverse engineering for surface reconstruction from physical prototype models through digitizing and spline-based surface fitting.
- Formulate and solve typical problems on reverse engineering for surface reconstruction from digitized mesh models through topological modelling and subdivision surface fitting.
- Explain and summarize the principles and key characteristics of additive manufacturing technologies and commonly used 3D printing and additive manufacturing systems

MS  
co-ordinator

D. Ringe

RSC

**HOD**  
**Mechanical Engineering**

Head of the Department  
Dept. of Mechanical Engg.  
DVR & Dr. HS MIC College of Technology  
Kanchikacherla, Krishna Dt.  
Andhra Pradesh, India - Pin: 521130



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Email: [mic@mictech.ac.in](mailto:mic@mictech.ac.in), Website: [www.mictech.ac.in](http://www.mictech.ac.in)

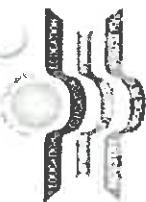


**DEPARTMENT OF MECHANICAL ENGINEERING**

**Workshop on Additive Manufacturing from 19.10.2022 to 21.10.2022**

**Attendance Sheet**

| Sr.No | Roll.No.   | Name                          | 19.10.2022     | 20.10.2022     | 21.10.2022     |
|-------|------------|-------------------------------|----------------|----------------|----------------|
| 1     | 19H71A0301 | Essak. CH                     | Eggab          | Eggab          | Eggab          |
| 2     | 19H71A0302 | Ganesh. U                     | Vineesh        | Vineesh        | Vineesh        |
| 3     | 19H71A0303 | Hari Krishna. Y               | V. Harikrishna | V. Harikrishna | V. Harikrishna |
| 4     | 19H71A0304 | Leelaprasad. T                | Leelaprasad    | Leelaprasad    | Leelaprasad    |
| 5     | 19H71A0305 | Lohith. V                     | Lohith         | Lohith         | Lohith         |
| 6     | 19H71A0306 | Murali. D                     | Murali         | Murali         | Murali         |
| 7     | 19H71A0308 | Sravankumar. M                | Sravankumar    | Sravankumar    | Sravankumar    |
| 8     | 19H71A0309 | Surya Teja. P                 | Surya Teja     | Surya Teja     | Surya Teja     |
| 9     | 19H71A0310 | Venkata Siva. Rama Krishna. K | Venkatesh Siva | Venkatesh Siva | Venkatesh Siva |
| 10    | 19H71A0311 | Vamsi Babu. B                 | Vamsi Babu     | Vamsi Babu     | Vamsi Babu     |
| 11    | 19H71A0312 | Veera Maharshi Siva Ratna. K  | Maharshi       | Maharshi       | Maharshi       |
| 12    | 19H71A0313 | Venkata Anjaneya Prasad. A    | V.A.Prasad     | V.A.Prasad     | V.A.Prasad     |
| 13    | 20H75A0301 | Abdul Shahed. MD              | Abdul          | Abdul          | Abdul          |
| 14    | 20H75A0302 | Akbar. SK                     | Akbar SK       | Akbar SK       | Akbar SK       |
| 15    | 20H75A0303 | Amrutha Prem Sagar. T         | T.A.Prem       | T.A.Prem       | T.A.Prem       |



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|    |            |                        |                 |                 |                 |
|----|------------|------------------------|-----------------|-----------------|-----------------|
| 16 | 20H75A0304 | Gnana Deep. T          | Chand. T.       | Ground - T      | Ganesh. T       |
| 17 | 20H75A0305 | Harish. R              | Harish          | Harish          | Harish          |
| 18 | 20H75A0308 | Karthikeya. Y          | Karthikeya      | Karthikeya      | Karthikeya      |
| 19 | 20H75A0309 | Mahammad Rafi. SK      | Md Rafi         | Md Rafi         | Md Rafi         |
| 20 | 20H75A0310 | Mahesh. B              | Mahesh. B       | Mahesh. B       | Mahesh. B       |
| 21 | 20H75A0311 | Mahesh Varun. K        | Mahesh Varun    | Mahesh Varun    | Mahesh varun    |
| 22 | 20H75A0312 | Maneesh. V             | Maneesh         | Maneesh         | Maneesh         |
| 23 | 20H75A0313 | Nagaraju. M            | M Nagareddy     | M. Nagaraju     | M. Nagaraju     |
| 24 | 20H75A0316 | Omkar. A               | Omkar           | Omkar           | Omkar           |
| 25 | 20H75A0317 | Prem Kumar. S          | Prem Kumar      | Prem Kumar      | Prem Kumar      |
| 26 | 20H75A0321 | Sanath. P              | P. Sanath       | P. Sanath       | P. Sanath       |
| 27 | 20H75A0324 | Udaybhaskar. K         | K. Uday Bhaskar | K. Uday Bhaskar | K. Uday Bhaskar |
| 28 | 20H75A0325 | Venkatesai Miranjan. V | Venkatesai      | Venkatesai      | Venkatesai      |
| 29 | 20H75A0327 | Venkatesh. R           | Venkatesh       | Venkatesh       | Venkatesh       |
| 30 | 20H75A0328 | Venkateswara Rao. K    | Venkateswara    | Venkateswara    | Venkateswara    |

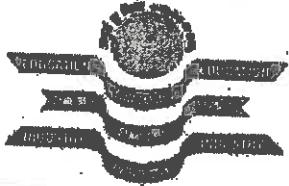
*D. Ranga  
co-ordinator*

**HOD**

## Mechanical Engineering

Head of the Department  
Dept. of Mechanical Engg.

& Dr. H. S. M. Gollings of Techology  
Kanchikacherla, Krishna Dt.  
Andhra Pradesh, India – Pin: 521180



**THREE DAY NATIONAL LEVEL WORKSHOP ON IOT APPLICATIONS WITH LATEST BOARDS**

**ACTIVITI REPORT**

1. ACADEMIC YEAR : 2022-23  
2. DEPARTMENT : ECE  
3. TITLE OF THE PROGRAM : IOT APPLICATIONS WITH LATEST BOARDS  
4. BRANCH AND YEAR OF THE PARTICIPANTS : 4<sup>TH</sup> ECE  
5. NUMBER OF STUDENTS PARTICIPATED : 170  
6. NUMBER OF DAYS : THREE DAYS  
7. DURATION OF THE PROGRAM : FROM: 17-10-2022 TO:19-10-2022.  
8. DETAILS OF TRAINERS :  
9. NAME OF THE COORDINATOR : K.VEENANAND  
Dr.MICHAEL ANGEO  
S.RAMAKOTESWARA RAO

*Ch. Palle*  
HOD



Devineni Venkata Ramana & Dr. Hima Sekhar  
**MIC College of Technology**

ECE - F 067/A

**INTERNAL NOTICE CIRCULATED TO STUDENTS ABOUT WORKSHOP**

DEPARTMENT: ECE

ACADEMIC YEAR: 2022-2023

DATE: 17, 18, 19 Oct 2022

SEMESTER: VI

|                                       |  |
|---------------------------------------|--|
| Name of the speaker(s)                | : 1. Manoj Kumar M<br>2. Abhilash Setty<br>3. Nandan Kumar Rino. |
| Designation                           | : 1. Founder of Tinker space<br>2, 3. Copounder of Tinker space  |
| Institution/University/Organization : | Tinker space, Bangalore  |
| Title of the Lecture                  | : IoT Applications using Latest Boards                           |
| Date & Time                           | : 17, 18, 19 Oct 2022.   |
| venue                                 | : ECE Seminar hall.  |
| Beneficiary                           | : SV year - 8sem students  |

Verified by HOD

Date:

Kanchikacherla,  
20-10-2022.

To

The Principal,  
DNR & DR HS TTC College of Technology,  
Kanchikacherla.

Sub: Payment of "IoT" Applications with Latest boards" workshop  
Conducted By "TINKER SPACE" <sup>for II year ECE students,</sup> BANGALORE.

Respected Sir,

Department of ECE is organising a Two Day National level workshop on "IoT Applications with Latest boards" dated 19<sup>th</sup> & 20<sup>th</sup> October 2022. In view of above workshop each student was charged an amount of 450/-. Total of 170 students were participating in the hands-on workshop.

So the total amount collected was  $170 \times 450$  which equals 76,500/-. Sir please grant us permission to deposit cash in our office and we request you to transfer in online mode to "TINKER SPACE" account.

Thanking you

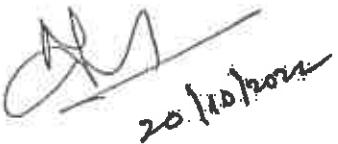
Yours faithfully,

Forwarded to  
Principal Sir  
Ch. Puthu

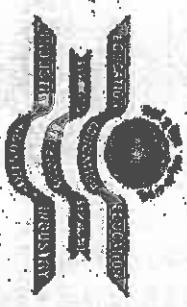
Office  
&  
Nagendra

pls do the necessary

Department of ECE

  
20/10/2022

DVR & Dr.HS



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KANCHIKACHERLA-521180, NTR DISTRICT, ANDHRA PRADESH



Department of ECE Organizes

A

**ARDUINO THREE DAY**

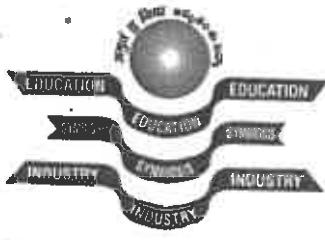
| DATE     |
|----------|
| 17-10-22 |
| to       |
| 19-10-22 |

**NATIONAL LEVEL WORKSHOP**

on

**"IOT Applications With Latest Boards"**

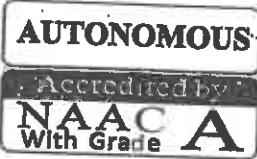
By Tinker Space, Bangalore.



DVR & Dr. HS  
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ISO 9001:2015 Certified Institute

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Kanchikacherla - 521180, NTR Dist, A.P, India.  
Phones: 08678 - 273535 / 94914 57799 / 73826 16824  
E mail: office@mictech.ac.in, Website: www.mictech.edu.in



Date: 15/10/2022

**BUDGETARY PROPOSAL**

FROM

Dr.Ch.Pulla Rao,  
Head Department of ECE,  
DVR & Dr.HS MIC College of Technology,  
Kanchikacharla,

To

Dr.K.Srinivas,  
Principal,  
DVR & Dr.HS MIC College of Technology,  
Kanchikacharla, NTR(Dt.),AP.

Sub: Requisition for conducting National level three days Workshop on Sensor technology -reg.,  
Sir,

As we are proposing to conduct a National level three days Workshop on Sensor technology for 2<sup>nd</sup> B.Tech students of ECE Dept in the month of October 2022. This workshop is mandatory and very useful for 2<sup>nd</sup> year B.tech ECE students .The core organization called TINKER SPACE are very much interested to conduct the workshop in our college and the details are enclosed in ANNEXURE-I. After discussion with Tinker Space management, it has been negotiated to pay rupees 450 per student and an amount of 79200/- is required to organize the workshop smoothly. I submit my request to give the permission and saction the required amount for conducting the workshop.

Thanking you.

Encl:

ANNEXURE-I  
Proposal from TINKER SPACE, Bangalore

Forwarded to Director (Ac)  
KJ 16/10/22

Yours sincerely,

Ch. Pulla Rao  
HOD,ECE Dept.,

Accounts  
pls process the transactions

JM 16/10/22

**DEPARMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**Date: 17-10-2022**

**Academic Year: 2022-23**

**Semester: I**

**Nature of the event: THREE day workshop**

**Name of the event: A THREE Day National level Workshop on "IOT applications  
With latest boards".**

**Date of the event: 17<sup>TH</sup> OCTOBER TO 19<sup>TH</sup> OCTOBER 2022**

**Name of the coordinators:**

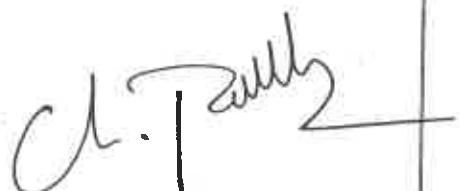
1. Dr.K. MICHAEL ANGELO
2. K.VEENANAND
3. S.RAMAKOTESWARARAO

**Description:**

- ❖ TINKER SPACE Engineers (BANGLORE) conducted the workshop on overview of IOT applications with latest Arduino boards. (Three days –in campus)
- ❖ On First day, they have given a presentation on basics of IOT and Arduino boards.
- ❖ On the second & third day ,they had given hands on expèrience with latest Arduino boards and trained the students to prepare working models like water level management ,line following robot, fire detection, rain detection, gas leakage detection etc.,
- ❖ Resource person:
  1. Sri M.MANOJ KUMAR (FOUNDER)
  2. Sri ABHILASH SHETTY(CO-FOUNDER)
  3. Sri NANDAN RAO G(CO-FOUNDER)

**Name of the organization: TINKER SPACE (BANGLORE)**

**Target Audience: IV B.Tech – ECE students**



## Workshop on Arduino and Sensor technology

Training fee per student : 250/-

Workshop duration : 2 days

### Material cost per batch :

Option 1 : Arduino Uno and sensors kits – 750/- INR

Arduino Uno, Light sensor, Fire sensor, Temperature sensor, IR proximity sensor, Rain sensor, Jumper wires, LEDs, USB cable

Option 2 : Arduino nano and sensors kits – 600/- INR

Arduino nano, Light sensor, Fire sensor, Temperature sensor, IR proximity sensor, Rain sensor, Jumper wires, LEDs, USB cable

### Training content:

Day 1 : First half – (Theory)

Introduction to sensor technology

Understanding Arduino (IDE and HW)

Understanding Input and output unit

Software setups

Day 1 : Second half (Practical)

Introduction to coding

Interfacing LEDs

Interfacing all sensors to Arduino

Code debugging

Assigning projects - 3 projects per batch

*Verbius*

*K 16/10/22*

Day 2 : (Practical)

Project development process

Introduction to Raspberry-pi

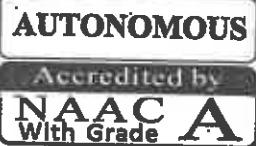
Project demonstration on Raspberry-pi



# DVR & Dr. HS MIC College of Technology

ISO 9001:2015 Certified Institute

(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada)  
Kanchikacherla - 521180, NTR Dist, A.P, India.  
Phones: 08678 - 273535 / 94914 57799 / 73826 16824  
E mail: office@mictech.ac.in, Website: www.mictech.edu.in



Date: 15/10/2022

## BUDGETARY PROPOSAL

FROM

Dr.Ch.Pulla Rao,  
Head Department of ECE,  
DVR & Dr.HS MIC College of Technology,  
Kanchikacharla,

To

Dr.K.Srinivas,  
Principal,  
DVR & Dr.HS MIC College of Technology,  
Kanchikacharla, NTR(Dt.),AP.

Sub: Requisition for conducting National level three days Workshop on IOT Applications using latest boards-reg.,

Sir,

As we are proposing to conduct a National level three days Workshop on IOT Applications using latest boards for 4<sup>th</sup> B.Tech students of ECE Dept in the month of October 2022. This workshop is mandatory and very useful for 4<sup>th</sup> year B.tech ECE students . The core organization called TINKER SPACE are very much interested to conduct the workshop in our college and the details are enclosed in ANNEXURE-I. After discussion with Tinker Space management, it has been negotiated to pay rupees 450 per student and an amount of 76,500/- is required to organize the workshop smoothly. I submit my request to give the permission and sanction the required amount for conducting the workshop.

Thanking you.

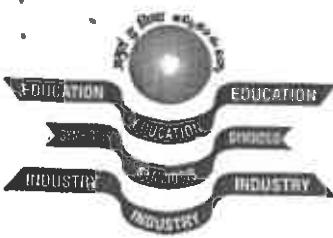
Encl:

ANNEXURE-I

Proposal from TINKER SPACE, Bangalore

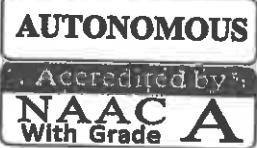
Forwarded to Director (Ac)  
KJ 16/10/22

Yours sincerely,  
*Ch. Pulla Rao*  
HOD, ECE Dept.,  
Account  
pls process the payment  
15/10/2022  
*JSS*



DVR & Dr. HS  
**MIC College of Technology**

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Kanchikacherla - 521180, NTR Dist, A.P, India.  
Phones: 08678 - 273535 / 94914 57799 / 73826 16824  
E-mail: office@mictech.ac.in, Website: www.mictech.edu.in



Date: 15/10/2022

To  
Dr.K.Srinivas,  
Principal,  
DVR & Dr.HS MIC College of Technology,  
Kanchikacharla, NTR(Dt.),AP.

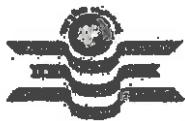
Sir,

This is to bring to your notice that the department of ECE is going to organize a three day National level Workshop on "IOT Applications using latest boards" from 17<sup>th</sup> October 2022 to 19<sup>th</sup> October 2022 for third-year students, in association with Thinker Space Bangalore . This course aims at imparting job-oriented training on sensors technology, and concepts IOT from an industry perspective. This course covers wireless sensors, Arduino environment for building devices that can control the physical world. The students who are looking for jobs in the Electronics sector this certification will be helpful.

Hence, I request you to encourage Staff and Students from our college to attend this workshop and get benefited from same. I herewith enclose a barouche for circulation and display on the college and departmental notice boards.

Permission granted  
KJ  
15/10/22

With regards  
  
(Dr. Ch. Pulla Rao)  
Head of the Department. ECE,  
MIC College of Technology,  
Kanchikacharla.



Devineni Venkata Ramana & Dr. Hima Sekhar  
**MIC College of Technology**

ECE - F 067/A

**INTERNAL NOTICE CIRCULATED TO STUDENTS ABOUT WORKSHOP**  
DEPARTMENT: ECE

DATE: 17, 18, 19 Oct 2022

ACADEMIC YEAR: 2022-2023

SEMESTER: VI

|                                       |   |
|---------------------------------------|---|
| Name of the speaker(s)                | 1. Manoj Kumar M<br>2. Abhilash Setty<br>3. G. Nandam Kumar Rao |
| Designation                           | 1. founder of Tinker space<br>2,3 Co-founders of Tinker space   |
| Institution/University/Organization : | TINKER SPACE  |
| Title of the Lecture                  | IOT Application Using Latest Boards                             |
| Date & Time                           | 17, 18, 19 October, 2022 (9 AM to 4 PM)                         |
| Venue                                 | BUS Seminar hall,   |
| Beneficiary                           | 1st year students   |
| Signature                             |   |
| Comments Speaker(s)                   |   |

Arranged by : Department of ECE.

Address/conduct No. : DVR & DR AS MIC College of Technology, Kanchikacherla.

Names of Student who offered feedback(feedback enclosed)

1 - 19A71AO416

2 - 19A71AO4C3

Verified by HOD

Date: 20/10/2022



**DVR & Dr HS**  
**MIC College of Technology**  
**Department of ECE**  
**Workshop on "IoT Applications with Latest Boards"**

**Work Shop Dates : 19th & 20th October 2022**

|                               |   |          |
|-------------------------------|---|----------|
| Total No of Students attended | = | 170      |
| Total Amount Paid (170 x 450) | = | 76,500/- |

**"Section wise Denomination"**

| IV-A Section  |    | No of students = 65 |
|---------------|----|---------------------|
| Denominations |    | Amount              |
| 500 x         | 42 | 21,000              |
| 200 x         | 17 | 3,400               |
| 100 x         | 46 | 4,600               |
| 50 x          | 5  | 250                 |
| Total         |    | 29,250/-            |

| IV-B Section  |    | No of students = 49 |
|---------------|----|---------------------|
| Denominations |    | Amount              |
| 500 x         | 36 | 18,000              |
| 200 x         | 15 | 3,000               |
| 100 x         | 10 | 1,000               |
| 50 x          | 1  | 50                  |
| Total         |    | 22,050/-            |

| IV-C Section  |    | No of students = 56 |
|---------------|----|---------------------|
| Denominations |    | Amount              |
| 500 x         | 34 | 17,000              |
| 200 x         | 15 | 3,000               |
| 100 x         | 43 | 4,300               |
| 50 x          | 15 | 750                 |
| 20 x          | 3  | 60                  |
| 10 x          | 9  | 90                  |
| Total         |    | 25,200/-            |

| "Total Collection" |              |          |
|--------------------|--------------|----------|
| 1.                 | IV-A Section | 29,250   |
| 2.                 | IV-B Section | 22,050   |
| 3.                 | IV-C Section | 25,200   |
|                    | Total        | 76,500/- |

A. R. Balaji  
Co-ordinator 20/10/2022

A. R. Balaji  
HOD, ECE 20/10/2022

RECEIPT

Devineni Venkata Ramana & Dr Hima Sekhar  
**MIC College of Technology**

No. 1723 KANCHIKACHERLA - 521180, Phone No.: 08678 273585, 273623

Date: 20/10/22.

RECEIVED an amount of Rs. 76,500/- (Rupees Seventy Six Thousand Five Hundred only)

By Cash/DD/Cheque No. .... Date: ..... Bank: .....

From: IV E.C.E - Workshop - (Venkatesh Sir)

wards..... For... APP... with... latest... Books.....

Paid By Venkatesh

Receiver



**DVR & Dr HS**  
**MIC College of Technology**  
**Department of ECE**  
**Workshop on "IoT Applications with Latest Boards"**

**Work Shop Dates : 19th & 20th October 2022**

|                               |   |          |
|-------------------------------|---|----------|
| Total No of Students attended | = | 170      |
| Total Amount Paid (170 x 450) | = | 76,500/- |

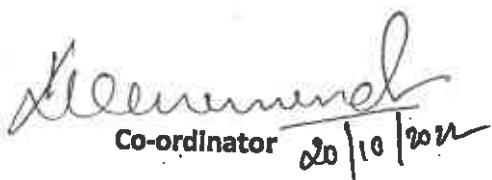
**"Section wise Denomination"**

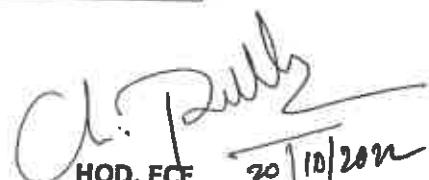
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| Total         |    | 29,250/-            |

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| 10 x          | 9  | 90                  |
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|--------------------|--------------|----------|
| 1                  | IV-A Section | 29,250   |
| 2                  | IV-B Section | 22,050   |
| 3                  | IV-C Section | 25,200   |
| Total              |              | 76,500/- |

  
Co-ordinator 20/10/2022

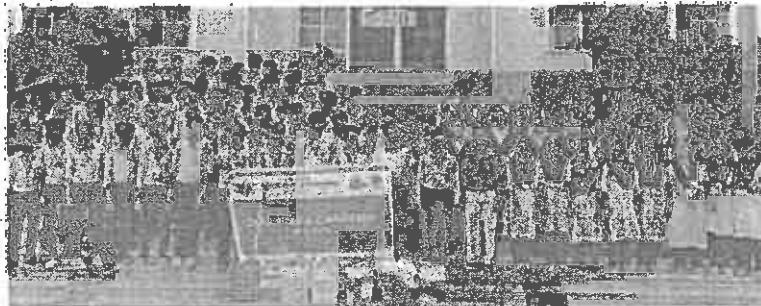
  
HOD, ECE 20/10/2022



ఆంధ్ర ప్రభు కృష్ణ ఎన్టీఆర్

21

# కీర్తి అండియాలీస్ ... కీర్తి శామార్చులు



காலையில் குத்துவதற்கு விரிவாக விடுவது போன்ற சம்பந்தமாக

ପ୍ରାଚୀନ କ୍ଷେତ୍ରକାରୀଙ୍କ ମହିମା ଏହାରେ  
ଅର୍ଥାତ୍ କ୍ଷେତ୍ରକାରୀଙ୍କ ମହିମା ଏହାରେ  
ଏ ପରିମା ଉପରେକୁ ଦେଖାଯାଇଲା.

ముక్కలో ఉపయోగించుని వ్యవస్థ

ప్రాణికి వారి కి రిపోల్  
జీవుల్ ఇంక్రిమెంట్ బోర్డు  
చెప్పి, దానికి సొంగ మార్కెట్  
సోషిల్ ఎంబ్రెస్ పోల్ ను  
ఎం అండ్ అండ్ డోట్ బోర్డు  
ప్రాణి క్రెడిట్ బోర్డు కోర్టు  
ప్రాణి ప్రోఫెసర్ బోర్డు కోర్టు  
ప్రాణి క్రెడిట్ బోర్డు కోర్టు

କାନ୍ତିରୁଦ୍ଧିରୁ ପାଇଲା କାନ୍ତିରୁ  
କାନ୍ତିରୁଦ୍ଧିରୁ ପାଇଲା କାନ୍ତିରୁ  
କାନ୍ତିରୁଦ୍ଧିରୁ ପାଇଲା କାନ୍ତିରୁ  
କାନ୍ତିରୁଦ୍ଧିରୁ ପାଇଲା କାନ୍ତିରୁ

ముక్క ఇండిపెంస్ క్లబ్‌కు అన్ని విజయాల్లో నీటి తర్వాత వీధి

కంపెనీలు ఇంకా అంతర్జాతీయ ఏప్రోట్ కోర్టులు విషయమ్లని ఉపయోగిస్తున్న దాచిల్ రింగ్ విభాగం, తింపించుకు విషయమ్లని దొరికి నీటి పాఠ్యమ్ విడుదలండర్ విభాగం, సిఫ్రోవోమ్ కోర్టు ప్రిమిటివ్ క్లాస్ ఐప్రైవేట్ గాలుగుండ లో పార్ట్, ఇంటర్వెన్ అం రింగ్ అం క్లాస్ కోర్టులు విషయమ్లని ప్రాప్తిగా ప్రాప్తి చేస్తున్నారు.



## మికలో కువ్విటి లభ్యికెన్న వర్కుపాపు

కంపికర్త : మీక అనుమతింగ కొండలలో ఉన్న విభాగం, తొంగురుకు తెండిన టించర స్థాని నంబ్ర సంయుక్త అధ్యార్థులలో రెండు రేణుల కుంట్యులు అవు దింగ్ (ఎంటే) అప్పుకేషన్ వచ్చుపోచు గురువూరం ప్రాశంఠించుంది. నాయగే ఏడాది పిశ్చార్థులకు ఉట్టి పొంతెపిక పరిష్కారానాస్తి ఉపయోగించి వాటిన లెవర్ ముండుకుమండ్ లైన పోల్యుగ్, రోడ్ ప్రైక్ డివైన్, గ్రౌస్ లీక్ డివైన్, ట్రై డివైన్ కుంటి పొంతెపిక అవసరాలు కొడింగ్ సెర్చించి, సమాసాలు తయారి చేయించాలు ప్రైసిపాల్ ఫ్స్కర్ కెప్రైవిట్ పెర్ఫొర్మాన్స్ కొర్కుక్కుమండ్ సెంక్రెట్ కెపాండర్సారాపు లుసుపోచు, అకడమిక్ హైరెక్సర్ ఫ్స్కర్ టిపంకీకరణ, ఉన్నత విభాగాదిపరి ఫ్స్కర్ ముఖాలు పోల్యుస్టార్, క్రొవాలలో గురువారుం ఎన్వినెస్చ్ విభాగం అధ్యార్థులిల్లిన జండింపు కొర్కుక్కుమం చేపట్టాలు. ప్రాంగంలో ఫ్స్కర్లను లొపించి ఉంపింగ్ యార్కు తపరించాలు.

Date: 21/10/2022, Edition: NTR VIJAYAWADA(NTR VIJAYAWADA DISTRICT), Page: 10  
Source: <https://epaper.andhrayothy.com>



(Soft copy should be maintained in the ECE- dept works folder for future reference)



DVR & Dr HS MIC College Of Technology

Department of ECE

Workshop on "IoT Applications with Latest Boards"

Workshop Attendance: 19th & 20th October 2022

ECE-A

| S.No. | Roll No.   | Name                | Signature (19-10-22) | Signature(20-10-22) |
|-------|------------|---------------------|----------------------|---------------------|
| 1     | 19H71A0401 | ABDUL JAMEER SD     | Ayech Alihjami       | Abdul Jameer        |
| 2     | 19H71A0402 | ASRITHA G           | Asritha G            | Asritha G           |
| 3     | 19H71A0403 | ASRITHA T           | Asritha T            | Asritha T           |
| 4     | 19H71A0404 | BHANU PRAKASH N     | RHANVI               | Bhanu               |
| 5     | 19H71A0405 | BHARGAVI A          | A. Bhargavi          | Bhargavi            |
| 6     | 19H71A0406 | BHARGAVI K          | K. Bhargavi          | A. Bhargavi         |
| 7     | 19H71A0407 | BHAVYASRI P         | Bhavyasri            | P. Bhavyasri        |
| 8     | 19H71A0408 | BRAHMA REDDYS       | S. Brahmreddy        | Brahmreddy          |
| 9     | 19H71A0409 | DAVOOD IBRAHIM SK   | Dawood               | Dawood              |
| 10    | 19H71A0410 | DURGA PRASAD A      | A. Durga Prasad      | A. Durga Prasad     |
| 11    | 19H71A0411 | DURGAPRASAD P       | P. Durga Prasad      | Durga Prasad        |
| 12    | 19H71A0412 | GOWTHAM SAI B       | B. Gowtham Sai       | B. Gowtham Sai      |
| 13    | 19H71A0413 | HARIKA BHAVANI D    | D. Hari              | D. Hari             |
| 14    | 19H71A0414 | JASWANTH B          | B. Jaswant           | B. Jaswant          |
| 15    | 19H71A0415 | KRISHNA KANTH K     | Krishna kant         | Krishna kant        |
| 16    | 19H71A0416 | KUMARA VARDHANS     | S. Kumar Vardhan     | Kush                |
| 17    | 19H71A0417 | KUMARI T            | T. Kumar             | T. Kumar            |
| 18    | 19H71A0418 | LAKSHMI MADHURI S   | S. Lakshmi           | S. Lakshmi          |
| 19    | 19H71A0419 | LIKTHA G            | Liktha - G           | Likthath            |
| 20    | 19H71A0420 | MAHITH SAI K        | M. Mahith            | K. Mahith           |
| 21    | 19H71A0421 | MANOJ T             | T. Manoj             | T. Manoj            |
| 22    | 19H71A0422 | MOHAN BABU P        | P. Mohan Babu        | P. Mohan Babu       |
| 23    | 19H71A0423 | NAGENDRA BABU B     | B. Nagendarababu     | B. Nagendarababu    |
| 24    | 19H71A0424 | NAVEEN K            | K. Naveen            | K. Naveen           |
| 25    | 19H71A0425 | NAVEEN N            | Naveen               | Naveen              |
| 26    | 19H71A0426 | NAVYA SREE T        | Alayya. T            | Alayya. T           |
| 27    | 19H71A0427 | NEHITHA DEVI CH     | Ch. Nehitha          | Ch. Nehitha         |
| 28    | 19H71A0428 | PAVANI K            | K. Pavani            | K. Pavani           |
| 29    | 19H71A0429 | POOJITHA A          | A. Pojitha           | Poojitha            |
| 30    | 19H71A0430 | POOJITHA GAYATHRI S | S. Gayathri          | Gayathri            |
| 31    | 19H71A0431 | PRABHUKOTI VARMA M  | M. P. K. Varma       | M. P. K. Varma      |
| 32    | 19H71A0432 | PRAVEEN KUMAR A     | A. Praveen Kumar     | Praveen             |
| 33    | 19H71A0433 | RAJA RAJESWARI V    | Raja. V              | Raja. V             |
| 34    | 19H71A0434 | RAJA T              | T. Raja              | T. Raja             |
| 35    | 19H71A0435 | RAJU G              | G. Raju              | G. Raju             |
| 36    | 19H71A0436 | RESHMA M            | Reshma               | Reshma              |
| 37    | 19H71A0437 | SAI MAHIDAR TARUN M | M. Tarun             | M. Tarun            |
| 38    | 19H71A0438 | SAI RAMYASRI M      | Sai Ramyasri         | Sai Ramyasri        |
| 39    | 19H71A0439 | SAI TANUJA R        | Tanuja R             | Tanuja R            |
| 40    | 19H71A0440 | SAI UDAY KIRAN D    | D. Sandeep           | D. Sandeep          |
| 41    | 19H71A0441 | SAIDA GOPI S        | Siddu                | Siddu               |



**DVR & Dr. HS MIC College Of Technology**  
**Department of ECE**  
**Workshop on "IoT Applications with Latest Boards"**  
**Workshop Attendance: 19th & 20th October 2022**

ECE-B.

| S.No. | Roll No.   | Name                | Signature (19-10-22) | Signature(20-10-22) |
|-------|------------|---------------------|----------------------|---------------------|
| 1     | 19H71A0458 | ABDULLA SD          | S.D. Abdulla         |                     |
| 2     | 19H71A0461 | ANITHA K            | K. Anitha            | K. Anitha           |
| 3     | 19H71A0462 | ARSHIYA SK          | S.K. Arshiya         | A. Arshiya          |
| 4     | 19H71A0463 | BHAGAVAN NARAYANA P |                      |                     |
| 5     | 19H71A0464 | BHAVANA RANI A      | A. Bhavanya          | A. Bhavanya         |
| 6     | 19H71A0466 | DHANVANTAR K        | K. Dhavanter         | K. Dhavanter        |
| 7     | 19H71A0467 | GAYATRI S           | S. Gayatri           | S. Gayatri          |
| 8     | 19H71A0468 | HARISH B            | B. Harish            | B. Harish           |
| 9     | 19H71A0469 | HEMASRI T           |                      |                     |
| 10    | 19H71A0471 | HIMA SREE CH        |                      |                     |
| 11    | 19H71A0472 | HIMA THRISHA V      | V. Himathresha       | V. Himathresha      |
| 12    | 19H71A0473 | JAHNAVI A           | A. Jahnavi           | A. Jahnavi          |
| 13    | 19H71A0476 | LAHARI S            | S. Lahari            | S. Lahari           |
| 14    | 19H71A0477 | Likhitha V          | V. Likhitha          | V. Likhitha         |
| 15    | 19H71A0478 | MAHESH K            | K. Mahesh            | K. Mahesh           |
| 16    | 19H71A0481 | NAGULMEERA SK       | S.K. Nagulmeera      | S.K. Nagulmeera     |
| 17    | 19H71A0482 | NARASIMHULU V       | V. Narasimhulu       | V. Narasimhulu      |
| 18    | 19H71A0483 | NAVEEN KUMAR T      | T. Naveen Kumar      | T. Naveen Kumar     |
| 19    | 19H71A0484 | NIKHILA SRI J       | J. Nikhila Sri       | J. Nikhila Sri      |
| 20    | 19H71A0486 | PRASANTH RAJU B     | B. Prasanth Raju     | B. Prasanth Raju    |
| 21    | 19H71A0487 | PRAVEEN REDDY B     | B. Praveen Reddy     | B. Praveen Reddy    |
| 22    | 19H71A0488 | PRUDHVI Y           | Y. Prudhvi           | Y. Prudhvi          |
| 23    | 19H71A0490 | RAM SAI KUMAR K     | K. Ramakumar         | K. Ramakumar        |
| 24    | 19H71A0491 | RAMYA G             | G. Ramya             | G. Ramya            |
| 25    | 19H71A0492 | RAMYA K             | K. Ramya             | K. Ramya            |
| 26    | 19H71A0493 | RITHEESH REDDY K    | K. Ritheesh Reddy    | K. Ritheesh Reddy   |
| 27    | 19H71A0494 | SADHANA CH          | Ch. Sadhana          | Ch. Sadhana         |
| 28    | 19H71A0495 | SAI HARSHITHA V     | V. Harshitha         | V. Harshitha        |
| 29    | 19H71A0496 | SAI TEJA CH         | Ch. Sai Teja         | Ch. Sai Teja        |
| 30    | 19H71A0497 | SAMHITHA K          | K. Samitha           | K. Samitha          |
| 31    | 19H71A0499 | SIVARAMAKRISHNA CH  | Ch. Sivaramakrishna  | Ch. Sivaramakrishna |
| 32    | 19H71A04A1 | SRI NAGA SOWJANYA A | A. S.N. Sowjanya     | A. S.N. Sowjanya    |
| 33    | 19H71A04A3 | SRIKANTH REDDY D    | D. Srikanth Reddy    | D. Srikanth Reddy   |
| 34    | 19H71A04A5 | SWAPNA D            | D. Swapna            | D. Swapna           |
| 35    | 19H71A04A7 | SYAM PAVAN M        | M. Syam Pavar        | M. Syam Pavar       |
| 36    | 19H71A04A8 | TANMAI PRIYA T      | T. Tanmai Priya      | T. Tanmai Priya     |
| 37    | 19H71A04B1 | VAMSI K             | K. Vamsi             | K. Vamsi            |
| 38    | 19H71A04B2 | VANAJA LAKSHMI K    | K. Vanaja Lakshmi    | K. Vanaja Lakshmi   |
| 39    | 19H71A04B3 | VANI V              | V. Vani              | V. Vani             |
| 40    | 19H71A04B4 | VARSHA SRI V        | V. Varsha            | V. Varsha           |
| 41    | 20H75A0410 | Kavya A             | A. Kavya             | A. Kavya            |



DVV&amp;DHS MJC College Of Technology

Department of ECE

ECE.C

## Workshop on "IoT Applications with Latest Boards"

Workshop Attendance: 19th &amp; 20th October 2022

| S.No. | Roll No.   | Name                     | Signature (19-10-22)   | Signature(20-10-22)    |
|-------|------------|--------------------------|------------------------|------------------------|
| 1     | 19H71A04B5 | AKANKSHA G               |                        |                        |
| 2     | 19H71A04B6 | AKHILA M                 | M. Akhila              | M. Akhila              |
| 3     | 19H71A04B7 | AMEER HAMZA SK           | S. Ammer Hamza         | S. Ammer Hamza         |
| 4     | 19H71A04B8 | ANIL KUMAR S             | S. Anil Kumar          | S. Anil Kumar          |
| 5     | 19H71A04B9 | AVINASH SEKHAR K         | Avinash Sekhar         | Avinash Sekhar         |
| 6     | 19H71A04C0 | CHARISHMA K              | K. Charishma           | K. Charishma           |
| 7     | 19H71A04C1 | DHARANI K                | K. Dharani             | K. Dharani             |
| 8     | 19H71A04C2 | DURGA PRASAD T           | Durga Prasad           | T. Durga Prasad        |
| 9     | 19H71A04C3 | GIRIDHAR N               | N. Giridhar            | N. Giridhar            |
| 10    | 19H71A04C4 | HANI PRIYA M             | M. Hani Priya          | M. Hani Priya          |
| 11    | 19H71A04C5 | HARISH G                 | G. Harish              | G. Harish              |
| 12    | 19H71A04C7 | JYOTHI SRIVALLI M        | M. Jyothi Srivalli     | M. Jyothi Srivalli     |
| 13    | 19H71A04C8 | KALYAN KUMAR CH          | Ch. Kalyan Kumar       | Ch. Kalyan Kumar       |
| 14    | 19H71A04C9 | KEERTHI G                | G. Keerthi             | G. Keerthi             |
| 15    | 19H71A04D0 | KOTESWARA M              | Koteswara M            | Koteswara M            |
| 16    | 19H71A04D1 | L A S SATWIKA K          | K. Satwika             | K. Satwika             |
| 17    | 19H71A04D2 | LAKSHMI SAI RAMYA N      | N. L. S. Ramya         | N. L. S. Ramya         |
| 18    | 19H71A04D5 | MANI KANTA B             | B. Manikanta           | B. Manikanta           |
| 19    | 19H71A04D6 | MELONICA D               | D. Melonica            | D. Melonica            |
| 20    | 19H71A04D7 | N S S M RANGA NANDITHA G | G. Nanditha            | G. Nanditha            |
| 21    | 19H71A04D8 | HARSHITHA P              | P. Harshitha           | P. Harshitha           |
| 22    | 19H71A04D9 | NARMADA Y                | Y. Narmada             | Y. Narmada             |
| 23    | 19H71A04E0 | NAVEEN SAI A             | A. Naveen              | A. Naveen              |
| 24    | 19H71A04E1 | NISHANTH A               | A. Nishanth            | A. Nishanth            |
| 25    | 19H71A04E2 | PRAVALLIKA G             | G. Pravallika          | G. Pravallika          |
| 26    | 19H71A04E3 | RAMAKRISHNA M            | M. Ramakrishna         | M. Ramakrishna         |
| 27    | 19H71A04E4 | RAMYA K                  | Ramya                  | Ramya                  |
| 28    | 19H71A04E5 | ROHAN M                  | H. Rohan               | H. Rohan               |
| 29    | 19H71A04E6 | RUKSANA SK               | SK. Rukhsana           | SK. Rukhsana           |
| 30    | 19H71A04E7 | SAHITHI B                | B. Sahithi             | B. Sahithi             |
| 31    | 19H71A04E8 | SAI KRISHNA V            | V. Sai Krishna         | V. Sai Krishna         |
| 32    | 19H71A04F0 | SAI SRINIVAS M           | M. Srinivas            | M. Srinivas            |
| 33    | 19H71A04F2 | SAMEERA SUHEL SK         | Sameera                | Sameera                |
| 34    | 19H71A04F4 | SOWJANYA B               | B. Sowjanya            | B. Sowjanya            |
| 35    | 19H71A04F5 | SURAJ KUMAR P            | Suraj                  | Suraj                  |
| 36    | 19H71A04F6 | SURENDRA BABU U          | U. Surendra Babu       | U. Surendra Babu       |
| 37    | 19H71A04F8 | VAMSI A                  | Vamsi                  | Vamsi                  |
| 38    | 19H71A04F9 | VANAJA R                 | R. Vanaja              | R. Vanaja              |
| 39    | 19H71A04G1 | VENKATA SRI HARSHA CH    | Ch. Venkata Sri Harsha | Ch. Venkata Sri Harsha |
| 40    | 19H71A04G2 | VENKATESWARLU M          |                        |                        |
| 41    | 19H71A04G3 | VENU K                   | K. Venu                | K. Venu                |

