



AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

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3.2.1 Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

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Dr. SK SHAKEER BASHA Indian Patent Application

(12) PATENT APPLICATION PUBLICATION (21) Application No.202121015632 A
 (19) INDIA
 (22) Date of filing of Application :01/04/2021 (43) Publication Date : 09/04/2021
 (54) Title of the invention : ON-SITE AUTOMATED HAZARDOUS MEDICAL WASTE DETECTION BY SMART SENSORS AND WASTE CATEGORIZATION TECHNIQUE USING A MACHINE LEARNING ALGORITHM

(51) International classification	:G06Q0050220000, H04L0012100000, G16H0010650000, G05B0023020000, A61L0011000000	(71)Name of Applicant : 1)Dr. Ashok Kumar koshariya Address of Applicant :Assistant Professor,Plant Pathology,School of Agriculture, G. H Raisoni University,dhoda borgany village Saikheda, G. H Raisoni University block - Sauser Dist - Chindwada, M. P. India-480337. Madhya Pradesh India 2)Dr.M.Muthukumaran 3)Dr.A.Velayudham 4)Ms.M.Pavithra 5)Dr. Shrikant L Satarkar 6)Dr. Sachin S Agrawal 7)Dr. Rachna S Jaiswal 8)Mr.Yash Shrikant Satarkar 9)Dr.Shaik.Shakeer Basha 10)Dr. Smiju Sudevan 11)Mr. S. Stewart Kirubakaran 12)Mr. R.Rajesh
(31) Priority Document No	:NA	(72)Name of Inventor : 1)Dr. Ashok Kumar koshariya 2)Dr.M.Muthukumaran 3)Dr.A.Velayudham 4)Ms.M.Pavithra 5)Dr. Shrikant L Satarkar 6)Dr. Sachin S Agrawal 7)Dr. Rachna S Jaiswal 8)Mr.Yash Shrikant Satarkar 9)Dr.Shaik.Shakeer Basha 10)Dr. Smiju Sudevan 11)Mr. S. Stewart Kirubakaran 12)Mr. R.Rajesh
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
 The exceptional improvements and up-gradation on the Internet along with the underlying technologies, smart sensors, communication technologies, etc. are providing the possibilities for integrating devices, machines, objects, and software for communication purposes without human mediation and involvement. These help in the development of new technology namely the Internet of Things (IoT). There are different kinds of wastes produced across different platforms among them bio-medical waste (BMW) plays a vital role in terms of both detection and classification. The waste is produced as the result of treatment, diagnosis, and immunization of human beings and animals is the bio-medical waste. The pharmaceutical manufacturing companies, medical clinics, and hospitals produce around 3.2 million tons of bio-medical waste annually amongst that half are considered infectious. Improper disposal of the waste leads to chronic diseases like tuberculosis, diabetes, and cancer. This has led to the need for a comprehensively complete approach that includes the process of 1. characterization, 2. quantification, 3. segregation 4. detection, 5. classification, and 6. treatment of the bio-medical waste. This invention is involved in the development of the smart medical waste management system. This system uses the deep learning algorithm in machine learning techniques for the classification of waste.
 No. of Pages : 13 No. of Claims : 4

The Patent Office Journal No. 15/2021 Dated 09/04/2021 18168

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FORM 1		(FOR OFFICE USE ONLY)			
THE PATENTS ACT, 1970 (39 of 1970)		Application No.:			
&		Filing Date:			
THE PATENTS RULES, 2003		Amount of Fee Paid:			
APPLICATION FOR GRANT OF PATENT		CBR No.:			
[See sections 7,54 & 135 and rule 20(1)]		Signature:			
1. APPLICANT(S):					
Sr.No.	Name	Nationality	Address	Country	State
1	Dr. Ashok Kumar koshariya	India	Assistant Professor, Plant Pathology, School of Agriculture, G. H Raisoni University, dhoda borgavv village Saikheda, G. H Raisoni University block - Sauser Dist - Chindwada, M. P. India-480337.	India	Madhya Pradesh
2	Dr.M.Muthukumarar	India	Professor & Head, Department of Mechanical Engineering, Jansons Institute of Technology, Karumathampatti, Coimbatore - 641659.	India	Tamil Nadu
3	Dr.A.Velayudham	India	Professor & Head, Department of Computer Science and Engineering, Jansons Institute of Technology, Karumathampatti, Coimbatore-641659.	India	Tamil Nadu
4	Ms.M.Pavithra	India	Assistant Professor, Department of Computer Science and Engineering, Jansons Institute of Technology, Karumathampatti, Coimbatore - 641659.	India	Tamil Nadu
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7	Dr. Rachna S Jaiswal	India	Assistant Professor Department of Computer Science and Engineering College of Engineering and Technology, Akola (MH) - 444104.	India	Maharashtra
8	Mr. Yash Shrikant Satarkar	India	Sr. Representative Operations, Concentrix Daksh Services India Pvt. Ltd. Address: Survey No 191, Tower A, Panchshil TechPark One Off, Airport Road, Yerwada, Pune- 411006.	India	Maharashtra
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10	Dr. Smiju Sudevan	India	Assistant Professor, Modern College of Business and Science, Muscat, Bawshar St. 133, Oman.	Oman	Not Applicable
11	Mr. S. Stewart Kirubakaran	India	Assistant Professor, Department of Computer Science and Engineering, Saveetha School of Engineering, SIMATS-602105, Chennai, Tamilnadu.	India	Tamil Nadu
12	Mr. R. Rajesh	India	Assistant Professor Department of Computer Science and Engineering, SRM Institute of Science and Technology, Delhi NCR Campus, Modinagar, Ghaziabad, Uttar Pradesh, India.	India	Uttar Pradesh

2. INVENTOR(S):

Sr.No	Name	Nationality	Address	Country	State
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2	Dr.M.Muthukumarar	India	Professor & Head, Department of Mechanical Engineering, Jansons Institute of Technology, Karumathampiti, Coimbatore - 641659.	India	Tamil Nadu
3	Dr.A.Velayudham	India	Professor & Head, Department of Computer Science and Engineering, Jansons Institute of Technology, Karumathampatti, Coimbatore-641659.	India	Tamil Nadu
4	Ms.M.Pavithra	India	Assistant Professor, Department of Computer Science and Engineering, Jansons Institute of Technology, Karumathampatti, Coimbatore - 641659.	India	Tamil Nadu
5	Dr. Shrikant L Satarkar	India	Associate Professor and Head Department of Computer Science and Engineering College of Engineering and Technology, Akola (MH)	India	Maharashtra
6	Dr. Sachin S Agrawal	India	Assistant Professor Department of Computer Science and Engineering College of Engineering and Technology, Akola (MH) 444104	India	Maharashtra
7	Dr. Rachna S Jaiswal	India	Assistant Professor Department of Computer Science and Engineering College of Engineering and Technology, Akola (MH) - 444104.	India	Maharashtra
8	Mr.Yash Shrikant Satarkar	India	Sr. Representative Operations, Concentrix Daksh Services India Pvt. Ltd,Address: Survey No 191, Tower A, Panchshil TechPark One Off, Airport Road, Yerwada, Pune- 411006.	India	Maharashtra
9	Dr.Shaik.Shakeer Basha	India	Assistant Professor, Department of CSE,Avanthi Institute of Engineering and Technology, Gunthapalli, Abdullapurmet Mandal-501512,	India	Telangana

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			Hyderabad, Telangana.		
10	Dr. Smiju Sudevan	India	Assistant Professor, Modern College of Business and Science, Muscat, Bawshar St. 133, Oman.	Oman	Not Applicable
11	Mr. S. Stewart Kirubakaran	India	Assistant Professor, Department of Computer Science and Engineering, Saveetha School of Engineering, SIMATS-602 105, Chennai, Tamilnadu.	India	Tamil Nadu
12	Mr. R. Rajesh	India	Assistant Professor Department of Computer Science and Engineering, SRM Institute of Science and Technology, Delhi NCR Campus, Modinagar, Ghaziabad, Uttar Pradesh, India.	India	Uttar Pradesh

3. TITLE OF THE INVENTION: On-site automated hazardous medical waste detection by smart sensors and waste categorization technique using a machine learning algorithm

4. ADDRESS FOR CORRESPONDENCE OF APPLICANT / AUTHORISED PATENT AGENT IN INDIA:
 Dr. Ashok Kumar koshariya Assistant Professor, Plant Pathology, School of Agriculture, G. H Raisoni University, dhoda borganv village Saikheda, G. H Raisoni University block - Sauser Dist - Chindwada, M. P. India-480337.
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 Mobile No:
 E-mail: ashokkoshariya@gmail.com

5. PRIORITY PARTICULARS OF THE APPLICATION(S) FILED IN CONVENTION COUNTRY:

Sr.No.	Country	Application Number	Filing Date	Name of the Applicant	Title of the Invention
--------	---------	--------------------	-------------	-----------------------	------------------------

6. PARTICULARS FOR FILING PATENT COOPERATION TREATY (PCT) NATIONAL PHASE APPLICATION:

International Application Number	International Filing Date as Allotted by the Receiving Office
PCT//	

7. PARTICULARS FOR FILING DIVISIONAL APPLICATION

Original (first) Application Number	Date of Filing of Original (first) Application
-------------------------------------	--

8. PARTICULARS FOR FILING PATENT OF ADDITION:

Main Application / Patent Number:	Date of Filing of Main Application
-----------------------------------	------------------------------------

9. DECLARATIONS:

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(i) Declaration by the inventor(s)

I/We ,Dr. Ashok Kumar koshariya,Dr.M.Muthukumar,Dr.A.Velayudham,Ms.M.Pavithra,Dr. Shrikant L Satarkar,Dr. Sachin S Agrawal,Dr. Rachna S Jaiswal,Mr. Yash Shrikant Satarkar,Dr. Shaik. Shakeer Basha,Dr. Smiju Sudevan,Mr. S. Stewart Kirubakaran,Mr. R.Rajesh, is/are the true & first inventor(s) for this invention and declare that the applicant(s) herein is/are my/our assignee or legal representative.

(a) Date: -----

(b) Signature(s) of the inventor(s):

(c) Name(s):

Dr. Ashok Kumar
koshariya

Dr. Rachna S
Jaiswal

Dr.M.Muthukumar

Mr. Yash
Shrikant Satarkar

Dr.A.Velayudham

Dr.Shaik.Shakeer
Basha

Ms.M.Pavithra

Dr. Smiju
Sudevan

Dr. Shrikant L
Satarkar

Mr. S. Stewart
Kirubakaran

Dr. Sachin S
Agrawal

Mr. R.Rajesh

(ii) Declaration by the applicant(s) in the convention country

I/We, the applicant(s) in the convention country declare that the applicant(s) herein is/are my/our assignee or legal representative.

(a) Date: -----

(b) Signature(s) :

(c) Name(s) of the singnatory: Dr. Ashok Kumar

koshariya,Dr.M.Muthukumar,Dr.A.Velayudham,Ms.M.Pavithra,Dr. Shrikant L Satarkar,Dr. Sachin S Agrawal,Dr. Rachna S Jaiswal,Mr. Yash Shrikant Satarkar,Dr.Shaik.Shakeer Basha,Dr. Smiju Sudevan,Mr. S. Stewart Kirubakaran,Mr. R.Rajesh

(iii) Declaration by the applicant(s)

**The Complete specification relating to the invention is filed with this application.
I am/We are, in the possession of the above mentioned invention.
There is no lawful ground of objection to the grant of the Patent to me/us.**

10. FOLLOWING ARE THE ATTACHMENTS WITH THE APPLICATION:

Sr.	Document Description	FileName
-----	----------------------	----------

I/We hereby declare that to the best of my/our knowledge, information and belief the fact and matters stated hereing are correct and I/We request that a patent may be granted to me/us for the said invention.

Dr. Ashok Kumar
koshariya

Dr. Rachna S
Jaiswal

Dr.M.Muthukumar

Mr. Yash
Shrikant Satarkar

Dr.A.Velayudham

Dr.Shaik.Shakeer
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Ms.M.Pavithra

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4/1/2021

Dr. Shrikant L
Satarkar

Mr. S. Stewart
Kirubakaran

Dr. Sachin S
Agrawal

Mr. R. Rajesh

Dated this(Final Payment Date): -----

To The Controller of Patents
The Patent office at MUMBAI

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Dr. SK SHAKEER BASHA Australia Patent Application



Australian Government
IP Australia

CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021102531

The Commissioner of Patents has granted the above patent on 16 June 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

Shaik.Shakeer Basha of Assistant Professor, Department of CSE Avanthi Institute of Engineering and Technology Gunthapalli, Hyderabad- 501512 India

Tulika Chakrabarti of Assistant Professor (Grade-A), Dept.of Chemistry, Sir Padampat Singhania University Udaipur Rajasthan 313601 India

Ananda Shankar Hati of Assistant Professor, (Electrical Engineering), Dept. of Mining Machinery Engineering Indian Institute of Technology (Indian School of Mines), Dhanbad, Jharkhand- 826004 India

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Prathyusha. Kuncha of Associate Professor, Department of ECE, NRI Institute of Technology Pothavarappadu (V),Agiripalli (M) Vijayawada, Andhra Pradesh- 521212, India

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Kowdodi Siva Prasad of Professor, Department of Mechanical Engineering, Hyderabad Institute of Technology and Management,Mandal, Gowdavelly Medchal, Hyderabad, Telangana -502401 India

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Ajay Kumar Singh of Professor (CSE), B - 204, Faculty Residence, NH-58 Meerut Institute of Engineering & Technology, Meerut, U.P, Pin 250005, India

Prasun Chakrabarti of Provost & Institute Endowed Distinguished, Senior Chair Professor, Techno India NJR Institute of Technology Udaipur Rajasthan - 313003 India

G.Naga Rama Devi of Professor, Dept. of Computer Science & Engineering, CMR Institute of Technology Kandlakoya,Medchal, Hyderabad-501401 India

Title of invention:

THREE-DIMENSIONAL WIND, AIRSPEED CALCULATION, AND PREDICTION METHOD FOR AERIAL DRONES USING DEEP LEARNING

Name of inventor(s):

Basha, Shaik Shakeer; Chakrabarti, Tulika; Hati, Ananda Shankar; Das, Anirban; Kuncha, Prathyusha.; Sreenivasu, S. V. N.; Kumar, Kandula Ravi; Prasad, Kowdodi Siva; Kumar, Yogendra; Singh, Ajay Kumar; Chakrabarti, Prasun and Devi, G. Naga Rama



Dated this 16th day of June 2021

Commissioner of Patents

PATENTS ACT 1990

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.

This data, for application number 2021102531, is current as of 2021-07-01 21:00 AEST



Australian Government

IP Australia

CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021102531

Term of Patent:

Eight years from 13 May 2021

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.



Dated this 16th day of June 2021

Commissioner of Patents

PATENTS ACT 1990

This Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.

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Extracts from the Patents Act, 1990

- Sec 120(1A)** Infringement proceedings in respect of an innovation patent cannot be started unless the patent has been certified.
- Sec 128** **Application for relief from unjustified threats**
- (1) Where a person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings a person aggrieved may apply to a prescribed court, or to another court having jurisdiction to hear and determine the application, for:
- (a) a declaration that the threats are unjustifiable; and
- (b) an injunction against the continuance of the threats; and
- (c) the recovery of any damages sustained by the applicant as a result of the threats.
- (2) Subsection (1) applies whether or not the person who made the threats is entitled to, or interested in, the patent or a patent application.
- Sec 129A** **Threats related to an innovation patent application or innovation patent and courts power to grant relief.**
- Certain threats of infringement proceedings are always unjustifiable.*
- (1) If:
- (a) a person:
- (i) has applied for an innovation patent, but the application has not been determined; or
- (ii) has an innovation patent that has not been certified; and
- (b) the person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings in respect of the patent applied for, or the patent, as the case may be; then, for the purposes of an application for relief under section 128 by the person threatened, the threats are unjustifiable.
- Courts power to grant relief in respect of threats made by the applicant for an innovation patent or the patentee of an uncertified innovation patent*
- (2) If an application under section 128 for relief relates to threats made in respect of an innovation patent that has not been certified or an application for an innovation patent, the court may grant the application the relief applied for.
- Courts power to grant relief in respect of threats made by the patentee of certified innovation patent*
- (3) If an application under section 128 for relief relates to threats made in respect of a certified innovation patent, the court may grant the applicant the relief applied for unless the respondent satisfies the court that the acts about which the threats were made infringed, or would infringe, a claim that is not shown by the applicant to be invalid.
- Schedule 1** **Dictionary**
- certified**, in respect of an innovation patent other than in section 19, means a certificate of examination issued by the Commissioner under paragraph 101E(e) in respect of the patent



Search Results

Your search for 2021102531 returned 1 result.

null quickSearch

Application number	Title	Applicant(s)	Inventor(s)	Filing date	Application status
1 2021102531	THREE-DIMENSIONAL WIND, AIRSPEED CALCULATION, AND PREDICTION METHOD FOR AERIAL DRONES USING DEEP LEARNING	Basha, Shaik Shakeer, Chakrabarti, Prasun, Chakrabarti, Tulika DR, Das, Anirban, Devi, G.Naga Rama, Hati, Ananda Shankar, Kumar, Kandula Ravi, Kumar, Yogendra; Kuncha, Prathyusha., Prasad, Kowdodi Siva; Singh, Ajay Kumar, Sreenivasu, S V N	Basha, Shaik Shakeer, Chakrabarti, Tulika; Hati, Ananda Shankar, Das, Anirban, Kuncha, Prathyusha.; Sreenivasu, S. V. N.; Kumar, Kandula Ravi; Prasad, Kowdodi Siva; Kumar, Yogendra; Singh, Ajay Kumar, Chakrabarti, Prasun; Devi, G. Naga Rama	2021-05-13	GRANTED


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Dr Shaik Hameeda Indian Patent Application



Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India



INTELLECTUAL
PROPERTY INDIA
PATENTS, TRADE MARKS,
DESIGNS, GEOGRAPHICAL INDICATIONS

Application Details	
APPLICATION NUMBER	202141061935
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	30/12/2021
APPLICANT NAME	1. Mr.Nancharaiah Vejendla 2. Mr.Rajeev Sharma 3. Dr.Rajesh Panda 4. Dr.Syed Azahad 5. Dr.Shaik Hameeda 6. Ms.Sudharani Chidurala 7. Mr.Sanjay Laxmanrao Gaikwad 8. Prof.Bibhuti Bhusan Dash 9. Dr.Sunil Kumar Dhai 10. Dr.S.Ravichandran
TITLE OF INVENTION	An IOT equipment based secured cloud network communication method
FIELD OF INVENTION	COMMUNICATION
E-MAIL (As Per Record)	tumula.githam@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	04/02/2022

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Dr Shaik Hameeda Indian Patent Application



Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India



Application Details	
APPLICATION NUMBER	202241013084
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	10/03/2022
APPLICANT NAME	1. Dr.C.S.Boopathi 2. Dr.B V A N S S Prabhakar Rao 3. Ms.P.Praveena 4. Dr.Syed Azahad 5. Dr.Shri Vindhya 6. Dr.Shaik Hameeda 7. Mr.Shravan Kulkarni 8. Dr.Lakshmu Naidu M 9. Dr.Harihara Santosh Dadi 10. Dr.Shaik.Bajidvali
TITLE OF INVENTION	A Novel Method of Detecting IoT Malware using Deep Learning
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	bhajid.vali@gmail.com
ADDITIONAL-EMAIL (As Per Record)	battina.kumar207@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	25/03/2022


PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (M), R.R. Dist.



RESEARCH & DEVELOPMENT CELL

Avanthi Institute of Engineering & Technology has established important scientific industrial R&D Operations with the purpose and mission of pursuing and promoting research in frontier Technologies as well as various engineering disciplines.

AVIH created a Research and Development cell to instill research and innovation talents in staff and students. R&D Cell provides a platform for young brains in the Institute to grow in terms of creativity and invention. Only rigorous R&D efforts will result in innovative achievements

Departmental R&D Committee Members

S.No.	Name of the Faculty	Designation	Department
1	Dr. G. RAMA CHANDRA REDDY	Chair Person	Mechanical Engineering
2	Dr. SK SHAKEER BASHA	Institute Level R&D	Computer Science Engineering
3	Dr S KISHORE REDDY	Member	Electronics & Communication Engineering
4	Dr T KRANTI KUMAR	Member	Electrical & Electronics Engineering
5	Dr Y RAMESH BABU	Member	Mechanical Engineering
6	Mr G SRINIVAS	Member	Electronics & Communication Engineering
7	Mr. S RAJENDER	Member	Computer Science Engineering
8	Dr B NAYEEMA	Member	Master Of Business Administration

In our college, we encourage student clubs as they allow students to explore their ideas, develop Their abilities, and prepare them for life. Student groups provide a forum for the exchange of novel ideas and perspectives. It aids in the transformation and overall development of students. The Clubs are specifically designed to assist students in becoming involved and finding their own space on campus.


PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (M), R.R. Dist.



Hyderabad
Date: 05-07-2021

To,
The Principal,
Avanthi Institute of Engineering and Technology,
Hyderabad.

Sub: Requesting to held a Meeting regarding Research & Development cell

Respected Sir,

I would like to ask you permission to allow us to conduct a meeting regarding the activities and further Developments in R & D cell. I am conducting the meeting among all the coordinators from all the Departments.

The meeting would last about 1hour and would be arranged at a time convenient to the faculty schedule. If you agree, kindly sign below acknowledging your consent and permission for me to conduct this meeting at our conference hall.

Your approval to conduct this meeting will be greatly appreciated.

Sincerely,

Dr. SK SHAKEER BASHA

Computer Science Engineering

Institute level R&D Coordinator

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (M), R.R. Dist.



Lr.No/AVIH/2022

Date: 06-07-2021

CIRCULAR

It is informed to all the members of R&D Cell to attend the meeting scheduled on 09-07-2021 to discuss
About the upcoming R&D activities & student Clubs.

Venue: Conference Hall

Date: 09-07-2021

Time: 2.00 PM

Principal

Copy to:

1. Principal Office
2. Director-HR
3. All HOD's (CSE, MECH, EEE, ECE, CSD, CSM, BS&H, MBA)
4. Administrative Office
5. Library
6. File

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (M), R.R. Dist.




MINUTES OF MEETING – R&D

The minutes of the R & D cell meeting held on July 09, 2021, at 02:00pm in the conference room.

S.No.	Name of the Faculty	Designation	Department
1	Dr. G. RAMA CHANDRA REDDY	PRINCIPAL	Mechanical Engineering
2	Dr. Dr. SK SHAKEER BASHA	Institute Level R&D Coordinator	Computer Science Engineering
3	Dr S KISHORE REDDY	R&D Coordinator	Electronics & Communication Engineering
4	Dr T KRANTI KUMAR	R&D Coordinator	Electrical & Electronics Engineering
5	Dr Y RAMESH BABU	R&D Coordinator	Mechanical Engineering
6	Mr G SRINIVAS	R&D Coordinator	Electronics & Communication Engineering
7	Mr S RAJENDRA	R&D Coordinator	Computer Science Engineering
8	Dr B NAYEEMA	R&D Coordinator	MASTER OF BUSINESS ADMINSTRITATION

AGENDA

- To review the previous events and club activities.
- To discuss about the on-going and submitted externally funded projects
- To provide the opportunity for the students to actively participate in the club activities.
- To discuss about the initiation of Incubation Centers
- To discuss about the methods to encourage publication of Papers and Books
- If any other point to be discussed with the permission of the chair.


PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (M), R.R. Dist.









Meeting Outcome:

- All the Department HoD's discussed about their 21-22 Academic year contributions of faculty and Students regarding research activities.
- The Principal has insisted to all the HoD's to cope up all the students to actively take part in club Activities and to take necessary action plans in beneficial to the students.
- The Principal insisted to conduct a seminar on booming technology regarding telecommunication.
- The R & D Cell has emphasize the need of Incubation centers in order to inculcate research at student Level.

Finally ensured all the agenda points and meeting was closed with mutual wishes and also decided to have a review meeting once for every month.

Signature:

1. 
2. 
3. 
4. J. Manthi Lakshmi
5. 
6. 
7. 
8. Nayema

Coordinator

Chair



RESEARCH & DEVELOPMENT CELL

Avanthi Institute of Engineering & Technology has established important scientific industrial R&D Operations with the purpose and mission of pursuing and promoting research in frontier Technologies as well as various engineering disciplines.

AVIH created a Research and Development cell to instill research and innovation talents in staff and students. R&D Cell provides a platform for young brains in the Institute to grow in terms of creativity and invention. Only rigorous R&D efforts will result in innovative achievements

Departmental R&D Committee Members

S.No.	Name of the Faculty	Designation	Department
1	Dr. G. RAMA CHANDRA REDDY	Chair Person	Mechanical Engineering
2	Dr. SK SHAKEER BASHA	Institute Level R&D Coordinator	Computer Science Engineering
3	Dr S KISHORE REDDY	Member	Electronics & Communication Engineering
4	Dr T KRANTI KUMAR	Member	Electrical & Electronics Engineering
5	Dr Y RAMESH BABU	Member	Mechanical Engineering
6	Mr G SRINIVAS	Member	Electronics & Communication
7	Mr S RAJENDRA	Member	Computer Science Engineering
8	Dr B NAYEEMA	Member	Master Of Business Adminstration

In our college, we encourage student clubs as they allow students to explore their ideas, develop Their abilities, and prepare them for life. Student groups provide a forum for the exchange of novel ideas and perspectives. It aids in the transformation and overall development of students. The Clubs are specifically designed to assist students in becoming involved and finding their own space on campus.



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**AVANTHI INSTITUTE OF
ENGINEERING & TECHNOLOGY**

(Approved by AICTE, Recognised by Govt. of Telangana & Affiliated to JNTU, Hyderabad)

Gunthapally (V), Abdullapurmet (M), R.R. Dist., Near Ramoji Filmcity, Hyderabad - 501 512.

NAAC
NATIONAL ASSESSMENT AND
ACCREDITATION COUNCIL
B++ GRADE

Hyderabad

Date: 02-08-2021

To,

The Principal,

Avanthi Institute of Engineering and Technology,

Hyderabad.

Sub: Requesting to held a Meeting regarding Research & Development cell

Respected Sir,

I would like to ask you permission to allow us to conduct a meeting regarding the activities and further Developments in R & D cell. I am conducting the meeting among all the coordinators from all the Departments.

The meeting would last about 1hour and would be arranged at a time convenient to the faculty schedule. If you agree, kindly sign below acknowledging your consent and permission for me to conduct this meeting at our conference hall.

Your approval to conduct this meeting will be greatly appreciated.

Sincerely,


Dr. SK SHAKEER BASHA

Computer Science Engineering

Institute level R&D Coordinator


PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Md) R.R. Dist



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NAAC
NATIONAL ASSESSMENT AND
ACCREDITATION COUNCIL
B++ GRADE

Lr.No/AVIH/2021

Date: 03-08-2021

CIRCULAR

It is informed to all the members of R&D Cell to attend the meeting scheduled on 07-08-2021 to discuss about the upcoming R&D activities & student Clubs.

Venue: Conference Hall

Date: 07-08-2021

Time: 2.00 PM

Copy to:

1. Principal Office
2. Director-HR
3. All HOD's (CSE, MECH, EEE, ECE, CSM,CSD, BS&H, MBA)
4. Administrative Office
5. Library
6. File

Principal

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (M), R.R. Dist



MINUTES OF MEETING – R&D

The minutes of the R & D cell meeting held on August 07, 2021, at 02:00pm in the conference room.

S.No.	Name of the Faculty	Designation	Department
1	Dr. G. RAMA CHANDRA REDDY	PRINCIPAL	Mechanical Engineering
2	Dr. Dr. SK SHAKEER BASHA	Institute Level R&D Coordinator	Computer Science Engineering
3	Dr S KISHORE REDDY	R&D Coordinator	Electronics & Communication Engineering
4	Dr T KRANTI KUMAR	R&D Coordinator	Electrical & Electronics Engineering
5	Dr Y RAMESH BABU	R&D Coordinator	Mechanical Engineering
6	Mr G SRINIVAS	R&D Coordinator	Electronics & Communication Engineering
7	Mr S RAJENDRA	R&D Coordinator	Computer Science Engineering
8	Dr B NAYEEMA	R&D Coordinator	MASTER OF BUSINESS ADMINSTRITATION

AGENDA

- To review the previous events and club activities.
- To discuss about the on-going and submitted externally funded projects
- To provide the opportunity for the students to actively participate in the club activities.
- To discuss about the initiation of department Incubation Centers
- To discuss about the methods to encourage publication of Papers and Books
- If any other point to be discussed with the permission of the chair.



Meeting Outcome:

- All the Department HOD's discussed about their 21-22 Academic year contributions of faculty and Students regarding research activities.
- The Principal has insisted to all the HOD's to cope up all the students to actively take part in club Activities and to take necessary action plans in beneficial to the students.
- The Principal insisted to conduct a seminar on booming technology regarding telecommunication.
- The R & D Cell has emphasize the need of Incubation centers in order to inculcate research at student Level.

Finally ensured all the agenda points and meeting was closed with mutual wishes and also decided to have a review meeting once for every month.

Signature:

- 1.
- 2.
- 3.
4. T. Ananthi Lakshmi
- 5.
- 6.
- 7.
- 8.

Coordinator

Chair
PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (M), R.R. Dist.



RESEARCH & DEVELOPMENT CELL

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Departmental R&D Committee Members

S.No.	Name of the Faculty	Designation	Department
1	Dr. G. RAMA CHANDRA REDDY	Chair Person	Mechanical Engineering
2	Dr. SK SHAKEER BASHA	Institute Level R&D	Computer Science Engineering
3	Dr S KISHORE REDDY	Member	Electronics & Communication Engineering
4	Dr T KRANTI KUMAR	Member	Electrical & Electronics Engineering
5	Dr Y RAMESH BABU	Member	Mechanical Engineering
6	Mr G SRINIVAS	Member	Electronics & Communication Engineering
7	Mr S RAJENDRA	Member	Computer Science Engineering
8	Dr B NAYEEMA	Member	Master Of Business Administration

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Hyderabad

Date: 04-09-2021

To,
The Principal,
Avanthi Institute of Engineering and Technology,
Hyderabad.

Sub: Requesting to held a Meeting regarding Research & Development cell

Respected Sir,

I would like to ask you permission to allow us to conduct a meeting regarding the activities and further Developments in R & D cell. I am conducting the meeting among all the coordinators from all the Departments.

The meeting would last about 1hour and would be arranged at a time convenient to the faculty schedule. If you agree, kindly sign below acknowledging your consent and permission for me to conduct this meeting at our conference hall.

Your approval to conduct this meeting will be greatly appreciated.

Sincerely,

Dr. SK SHAKEER BASHA

Computer Science Engineering

Institute level R&D Coordinator

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (M), R.R. Dist



AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

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Gunthapally (V), Abdullapurmet (M), R.R. Dist., Near Ramoji Filmcity, Hyderabad - 501 512.

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NAAC
NATIONAL ASSESSMENT AND
ACCREDITATION COUNCIL
B++ GRADE

Lr.No/AVIH/2022

Date: 09-09-2021

CIRCULAR

It is informed to all the members of R&D Cell to attend the meeting scheduled on 09-09-2021 to discuss about the upcoming R&D activities & student Clubs.


Venue: Conference Hall

Date: 09-09-2021

Time: 2.00 PM

Copy to:

1. Principal Office
2. Director-HR
3. All HOD's (CSE, MECH, EEE, ECE, CSD, CSM, BS&H, MBA)
4. Administrative Office
5. Library
6. File


Principal
PRINCIPAL
Avanthi Institute of Engg. & Tech
R.R. Dist.



MINUTES OF MEETING – R&D

The minutes of the R & D cell meeting held on September 09, 2021, at 02:00pm in the conference room.

S.No.	Name of the Faculty	Designation	Department
1	Dr. G. RAMA CHANDRA REDDY	PRINCIPAL	Mechanical Engineering
2	Dr. Dr. SK SHAKEER BASHA	Institute Level R&D Coordinator	Computer Science Engineering
3	Dr S KISHORE REDDY	R&D Coordinator	Electronics & Communication Engineering
4	Dr T KRANTI KUMAR	R&D Coordinator	Electrical & Electronics Engineering
5	Dr Y RAMESH BABU	R&D Coordinator	Mechanical Engineering
6	Mr G SRINIVAS	R&D Coordinator	Electronics & Communication Engineering
7	Mr S RAJENDRA	R&D Coordinator	Computer Science Engineering
8	Dr B NAYEEMA	R&D Coordinator	MASTER OF BUSINESS ADMINSTRITATION

AGENDA

- To review the previous events and club activities.
- To discuss about the on-going and submitted externally funded projects
- To provide the opportunity for the students to actively participate in the club activities.
- To discuss about the initiation of Incubation Centers
- To discuss about the methods to encourage publication of Papers and Books
- If any other point to be discussed with the permission of the chair.


PRINCIPAL
Avanthi Institute of Engg. & Tech
R.R. Dist.



Meeting Outcome:

- All the Department HOD's discussed about their 21-22 Academic year contributions of faculty and Students regarding research activities.
- The Principal has insisted to all the HOD's to cope up all the students to actively take part in club Activities and to take necessary action plans in beneficial to the students.
- The Principal insisted to conduct a seminar on booming technology regarding telecommunication.
- The R & D Cell has emphasize the need of Incubation centers in order to inculcate research at student Level.

Finally ensured all the agenda points and meeting was closed with mutual wishes and also decided to have a review meeting once for every month.

Signature:

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

Coordinator

Chair
PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (M), R.R. Dist.



RESEARCH & DEVELOPMENT CELL

Avanthi Institute of Engineering & Technology has established important scientific industrial R&D Operations with the purpose and mission of pursuing and promoting research in frontier Technologies as well as various engineering disciplines.

AVIH created a Research and Development cell to instill research and innovation talents in staff and students. R&D Cell provides a platform for young brains in the Institute to grow in terms of creativity and invention. Only rigorous R&D efforts will result in innovative achievements

Departmental R&D Committee Members

S.No.	Name of the Faculty	Designation	Department
1	Dr. G. RAMA CHANDRA REDDY	Chair Person	Mechanical Engineering
2	Dr. SK SHAKEER BASHA	Institute Level R&D Coordinator	Computer Science Engineering
3	Dr S KISHORE REDDY	Member	Electronics & Communication Engineering
4	Dr T KRANTI KUMAR	Member	Electrical & Electronics Engineering
5	Dr Y RAMESH BABU	Member	Mechanical Engineering
6	Mr G SRINIVAS	Member	Electronics & Communication Engineering
7	Mr S RAJENDRA	Member	Computer Science Engineering
8	Dr B NAYEEMA	Member	Master Of Business Administration

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PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (M), R.R. Dist.



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**AVANTHI INSTITUTE OF
ENGINEERING & TECHNOLOGY**

(Approved by AICTE, Recognised by Govt. of Telangana & Affiliated to JNTU, Hyderabad)

Gunthapally (V), Abdullapurmet (M), R.R. Dist., Near Ramoji Filmcity, Hyderabad - 501 512.

NAAC
NATIONAL ASSESSMENT AND
ACCREDITATION COUNCIL
B++ GRADE

Hyderabad

Date: 03-11-2021

To,

The Principal,

Avanthi Institute of Engineering and Technology,

Hyderabad.

Sub: Requesting to held a Meeting regarding Research & Development cell

Respected Sir,

I would like to ask you permission to allow us to conduct a meeting regarding the activities and further Developments in R & D cell. I am conducting the meeting among all the coordinators from all the Departments.

The meeting would last about 1hour and would be arranged at a time convenient to the faculty schedule. If you agree, kindly sign below acknowledging your consent and permission for me to conduct this meeting at our conference hall.

Your approval to conduct this meeting will be greatly appreciated.

Sincerely,

Dr. SK SHAKEER BASHA

Computer Science Engineering

Institute level R&D Coordinator

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (M), R.R. Dist.



Lr.No/AVIH/2021

Date: 08-11-2021

CIRCULAR

It is informed to all the members of R&D Cell to attend the meeting scheduled on 12-11-2021 to discuss about the upcoming R&D activities & student Clubs.


Venue: Conference Hall

Date: 12-11-2021

Time: 2.00 PM

Copy to:

1. Principal Office
2. Director-HR
3. All HOD's (CSE, MECH, EEE, ECE, CSM, CSD, BS&H, MBA)
4. Administrative Office
5. Library
6. File


Principal
PRINCIPAL
Avanthi Institute of Engg. & Tech
Abdullapurmet (M) R.R. Dist



MINUTES OF MEETING – R&D

The minutes of the R & D cell meeting held on November 12, 2021, at 02:00pm in the conference room.

S.No.	Name of the Faculty	Designation	Department
1	Dr. G. RAMA CHANDRA REDDY	PRINCIPAL	Mechanical Engineering
2	Dr. Dr. SK SHAKEER BASHA	Institute Level R&D Coordinator	Computer Science Engineering
3	Dr S KISHORE REDDY	R&D Coordinator	Electronics & Communication Engineering
4	Dr T KRANTI KUMAR	R&D Coordinator	Electrical & Electronics Engineering
5	Dr Y RAMESH BABU	R&D Coordinator	Mechanical Engineering
6	Mr G SRINIVAS	R&D Coordinator	Electronics & Communication Engineering
7	Mr S RAJENDRA	R&D Coordinator	Computer Science Engineering
8	Dr B NAYEEMA	R&D Coordinator	MASTER OF BUSINESS ADMINSTRITATION

AGENDA

- To review the previous events and club activities.
- To discuss about the on-going and submitted externally funded projects
- To provide the opportunity for the students to actively participate in the club activities.
- To discuss about the initiation of Incubation Centers
- To discuss about the methods to encourage publication of Papers and Books
- If any other point to be discussed with the permission of the chair.


PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (M), R.R. Dist.



Meeting Outcome:

- All the Department HOD's discussed about their 21-22 Academic year contributions of faculty and Students regarding research activities.
- The Principal has insisted to all the HOD's to cope up all the students to actively take part in club Activities and to take necessary action plans in beneficial to the students.
- The Principal insisted to conduct a seminar on booming technology regarding IOT.
- The R & D Cell has emphasize the need of Incubation centers in order to inculcate research at student Level.

Finally ensured all the agenda points and meeting was closed with mutual wishes and also decided to have a review meeting once for every month.

Signature:

- 1.
- 2.
- 3.
4. T. Kranthi Kumar
- 5.
- 6.
- 7.
8. Nareema

Coordinator

Chair
PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (M), R.R. Dist.



RESEARCH & DEVELOPMENT CELL

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Departmental R&D Committee Members

S.No.	Name of the Faculty	Designation	Department
1	Dr. G. RAMA CHANDRA REDDY	Chair Person	Mechanical Engineering
2	Dr. SK SHAKEER BASHA	Institute Level R&D Coordinator	Computer Science Engineering
3	Dr S KISHORE REDDY	Member	Electronics & Communication Engineering
4	Dr T KRANTI KUMAR	Member	Electrical & Electronics Engineering
5	Dr Y RAMESH BABU	Member	Mechanical Engineering
6	Dr B SIDDHARDHA	Member	Electronics & Communication Engineering
7	Mr S RAJENDRA	Member	Computer Science Engineering
8	Dr B NAYEEMA	Member	Master Of Business Adminstration

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PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (M), R.R. Dist.



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**AVANTHI INSTITUTE OF
ENGINEERING & TECHNOLOGY**

[Approved by AICTE, Recognised by Govt. of Telangana & Affiliated to JNTU, Hyderabad]

Gunthapally (V), Abdullapurmet (M), R.R. Dist., Near Ramoji Filmcity, Hyderabad - 501 512.

NAAC
NATIONAL ASSESSMENT AND
ACCREDITATION COUNCIL
B++ GRADE

Hyderabad

Date: 04-01-2022

To,

The Principal,

Avanthi Institute of Engineering and Technology,

Hyderabad.

Sub: Requesting to held a Meeting regarding Research & Development cell

Respected Sir,

I would like to ask you permission to allow us to conduct a meeting regarding the activities and further Developments in R & D cell. I am conducting the meeting among all the coordinators from all the Departments.

The meeting would last about 1hour and would be arranged at a time convenient to the faculty schedule. If you agree, kindly sign below acknowledging your consent and permission for me to conduct this meeting at our conference hall.

Your approval to conduct this meeting will be greatly appreciated.

Sincerely,

Dr. SK SHAKEER BASHA

Computer Science Engineering

Institute level R&D Coordinator

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (M), R.R. Dist



Lr.No/AVIH/2022

Date: 05-01-2022

CIRCULAR

It is informed to all the members of R&D Cell to attend the meeting scheduled on 07-01-2022 to discuss
About the upcoming R&D activities & student Clubs.

Venue: Conference Hall

Date: 07-01-2022

Time: 2.00 PM

Copy to:

1. Principal Office
2. Director-HR
3. All HOD's (CSE, MECH, EEE, ECE, CSM,CSD, BS&H, MBA)
4. Administrative Office
5. Library
6. File

Principal

PRINCIPAL
Avanthi Institute of Engg. & Tech
R.R. Dist.



MINUTES OF MEETING – R&D

The minutes of the R & D cell meeting held on January 07, 2022, at 02:00pm in the conference room.

S.No.	Name of the Faculty	Designation	Department
1	Dr. G. RAMA CHANDRA REDDY	PRINCIPAL	Mechanical Engineering
2	Dr. Dr. SK SHAKEER BASHA	Institute Level R&D Coordinator	Computer Science Engineering
3	Dr S KISHORE REDDY	R&D Coordinator	Electronics & Communication Engineering
4	Dr T KRANTI KUMAR	R&D Coordinator	Electrical & Electronics Engineering
5	Dr Y RAMESH BABU	R&D Coordinator	Mechanical Engineering
6	Mr G SRINIVAS	R&D Coordinator	Electronics & Communication Engineering
7	Mr RAJENDRA	R&D Coordinator	Computer Science Engineering
8	Dr B NAYEEMA	R&D Coordinator	Master Of Business Adminstration

AGENDA

- To review the previous events and club activities.
- To discuss about the on-going and submitted externally funded projects
- To provide the opportunity for the students to actively participate in the club activities.
- To discuss about the initiation of Incubation Centers
- To discuss about the methods to encourage publication of Papers and Books
- If any other point to be discussed with the permission of the chair.


PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (M), R.R. Dist.



Meeting Outcome:

- All the Department HOD's discussed about their 21-22 Academic year contributions of faculty and Students regarding research activities.
- The Principal has insisted to all the HOD's to cope up all the students to actively take part in club Activities and to take necessary action plans in beneficial to the students.
- The Principal insisted to conduct a seminar on booming technology regarding Embedded systems.
- The R & D Cell has emphasize the need of Incubation centers in order to inculcate research at student Level.

Finally ensured all the agenda points and meeting was closed with mutual wishes and also decided to have a review meeting once for every month.

Signature:

- 1.
- 2.
- 3.
4. Avanthi bonus
- 5.
6. Sumin
- 7.
8. Nanyema

Coordinator

Chair **PRINCIPAL**
Avanthi Institute of Engg. & Tech
Gunthapally (V) Abdullapurmet (M) R.R. Dist



RESEARCH & DEVELOPMENT CELL

Avanthi Institute of Engineering & Technology has established important scientific industrial R&D Operations with the purpose and mission of pursuing and promoting research in frontier Technologies as well as various engineering disciplines.

AVIH created a Research and Development cell to instill research and innovation talents in staff and students. R&D Cell provides a platform for young brains in the Institute to grow in terms of creativity and invention. Only rigorous R&D efforts will result in innovative achievements

Departmental R&D Committee Members

S.No.	Name of the Faculty	Designation	Department
1	Dr. G. RAMA CHANDRA REDDY	Chair Person	Mechanical Engineering
2	Dr. SK SHAKEER BASHA	Institute Level R&D Coordinator	Computer Science Engineering
3	Dr S KISHORE REDDY	Member	Electronics & Communication Engineering
4	Dr T KRANTI KUMAR	Member	Electrical & Electronics Engineering
5	Dr Y RAMESH BABU	Member	Mechanical Engineering
6	Mr G SRINIVAS	Member	Electronics & Communication Engineering
7	Mr S RAJENDRA	Member	Computer Science Engineering
8	Dr B NAYEEMA	Member	Master Of Business Administration

In our college, we encourage student clubs as they allow students to explore their ideas, develop Their abilities, and prepare them for life. Student groups provide a forum for the exchange of novel ideas and perspectives. It aids in the transformation and overall development of students. The Clubs are specifically designed to assist students in becoming involved and finding their own space on campus.


PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (M), R.R. Dist



Hyderabad

Date: 04-04-2022

To,
The Principal,
Avanthi Institute of Engineering and Technology,
Hyderabad.

Sub: Requesting to held a Meeting regarding Research & Development cell

Respected Sir,

I would like to ask you permission to allow us to conduct a meeting regarding the activities and further Developments in R & D cell. I am conducting the meeting among all the coordinators from all the Departments.

The meeting would last about 1hour and would be arranged at a time convenient to the faculty schedule. If you agree, kindly sign below acknowledging your consent and permission for me to conduct this meeting at our conference hall.

Your approval to conduct this meeting will be greatly appreciated.

Sincerely,

Dr. SK SHAKEER BASHA

Computer Science Engineering

Institute level R&D Coordinator

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NAAC
NATIONAL ASSESSMENT AND
ACCREDITATION COUNCIL
B++ GRADE

Lr.No/AVIH/2022

Date: 05-04-2022

CIRCULAR

It is informed to all the members of R&D Cell to attend the meeting scheduled on 08-04-2022 to discuss
About the upcoming R&D activities & student Clubs.

Venue: Conference Hall

Date: 08-04-2022

Time: 2.00 PM

Principal

Copy to:

1. Principal Office
2. Director-HR
3. All HOD's (CSE, MECH, EEE, ECE, CSM, CSD, BS&H, MBA)
4. Administrative Office
5. Library
6. File

PRINCIPAL
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Gunthapally (V), Abdullapurmet (M), R.R. Dist



MINUTES OF MEETING – R&D

The minutes of the R & D cell meeting held on April 08, 2022, at 02:00pm in the conference room.

S.No.	Name of the Faculty	Designation	Department
1	Dr. G. RAMA CHANDRA REDDY	PRINCIPAL	Mechanical Engineering
2	Dr. Dr. SK SHAKEER BASHA	Institute Level R&D Coordinator	Computer Science Engineering
3	Dr S KISHORE REDDY	R&D Coordinator	Electronics & Communication Engineering
4	Dr T KRANTI KUMAR	R&D Coordinator	Electrical & Electronics Engineering
5	Dr Y RAMESH BABU	R&D Coordinator	Mechanical Engineering
6	Mr G SRINIVAS	R&D Coordinator	Electronics & Communication Engineering
7	Mr S RAJENDRA	R&D Coordinator	Computer Science Engineering
8	Dr B NAYEEMA	R&D Coordinator	Master Of Business Administration

AGENDA

- To review the previous events and club activities.
- To discuss about the on-going and submitted externally funded projects
- To provide the opportunity for the students to actively participate in the club activities.
- To discuss about the initiation of Incubation Centers
- If any other point to be discussed with the permission of the chair.


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Meeting Outcome:

- All the Department HOD's discussed about their 21-22 Academic year contributions of faculty and Students regarding research activities.
- The Principal has insisted to all the HOD's to cope up all the students to actively take part in club Activities and to take necessary action plans in beneficial to the students.
- The Principal insisted to conduct a seminar on booming technology regarding telecommunication.
- The R & D Cell has emphasize the need of Incubation centers in order to inculcate research at student Level.

Finally ensured all the agenda points and meeting was closed with mutual wishes and also decided to have a review meeting once for every month.

Signature:

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

Coordinator

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (M), R.R. Dist.



IOT CLUB

Logo:



About:

Welcome to the future, where everyone and everything is connected to the internet. We already use THE INTERNET OF THINGS in our daily lives, with smart phones, tablets, computers, and televisions that are internet-connected. These devices are intended for internet use. People are now Using the internet; if it begins to use things, our lives may be made easier. The IoTClub is a resource for the most recent information on the Internet of Things.

Objectives:

- o Make aware about modern IOT tools and methodologies
- o Acquire knowledge in current IOT research domain and IOT application
- o To enhance technical skills in the IOT domain
- o Influence professional practice in technical education
- o Develop the project prototype by channeling development in terms of academic qualifications and imbibing training.

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Logo:

ECE CLUB



About:

To improve and impart futuristic and innovative technological education for the excellence of Electronics and Communication Engineering with new ideas and innovation to meet industrial expectations and social needs with ethical and global awareness reinforced by an efficient research platform for the advancement of humanity. Through its innovative hardware and software, ECE Club is dedicated to providing the finest experience to students, educators, creative professionals, and Consumers worldwide.

Objectives:

- To technically strengthen the students by integrating their skills in the various fields of Engineering & technology, to cope up with the highly competitive environment.
- To skill students to the updating analysis methods and design techniques.
- To encourage students towards research objectives.
- To get the students of ECE club placed into the core organizations

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SPARK CLUB

Logo:




About:

The SPARK CLUB is a student-run organization that provides resources, hosts activities/events, and aims to build a welcoming social setting for electrical & electronics engineering students and anyone interested in electrical engineering. We represent the electrical & electronics engineering students to the other branches, Faculty, and to external organizations by giving them a voice in academic affairs and open opportunities to interact with professional engineers and researchers. It advocates for electrical engineering students' needs to the faculty & department.

Objectives:

- To enhance the technical innovativeness of our institute students by organizing the workshops and competitions on various technical levels in order to attract the interest of the students towards technical aspects of their education.
- To develop a comprehensive knowledge of electronics and bring about projects based on core electronics to give the initiation to Electronics Club activities.
- To provide a platform where the students can put their innovative efforts and clear their doubts to transform them into reality.
- To enhance the opinion and the dissenting opinion through the club's activities.
- To provide an exposure to the latest updates in the field of electrical engineering.


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To,
The Principal,
Avanthi Institute of Engineering and Technology,
Hyderabad.

Hyderabad
02-07-2022.

Respected Sir,

Sub: Permission letter to Principal sir for conducting Seminar.

Our Club IOT intends to conduct a seminar on "Cyber Security Awareness" in our Institution-on 05-07-2022. We ask that you allow giving us seminar hall to serve as the venue. Our Seminar shall will sufficient for all AVIH students .It shall last for 3 hours. Kindly give our request a favorable consideration.

Thanking you in anticipation.

Respectfully,

HOD (CSE)

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (M) R.R. Dist



AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

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ACCREDITATION COUNCIL
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Lr. No. Circular/AVIH/ 2022

CIRCULAR

Date: 03-07-2022

It is informed to all students and faculty members to attend the seminar on "Cyber Security Awareness" organized by the Dept. of Computer Science Engineering, Avanthi Institute of Engineering and Technology.

Note: Requesting the faculty members to adjust their class work.

Speakers : RACHAKONNDA POLICE

Venue : SEMINAR HALL

Date : 05-07-2022

Time : 10:30 AM to 01:30 PM

Copy to:

1. Principal Office
2. Director-HR
3. Club IOT

Principal

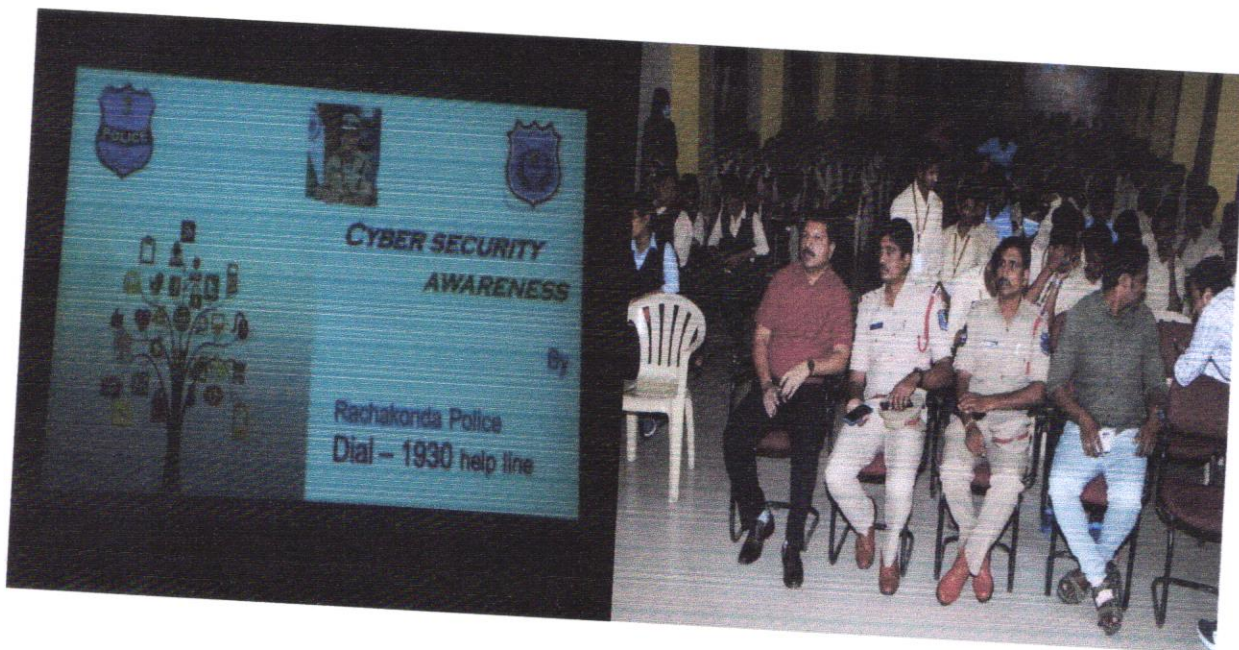
PRINCIPAL
Avanthi Institute of Engg & Tech
Gunthapally, ..



Participants : Faculty and students
Topic : "Cyber Security Awareness"
Speakers : RACHAKONNDA POLICE
No. of Participants 63

Report on Seminar "Cyber Security Awareness"

A Seminar was conducted on The Cyber Security at 10.30AM in seminar hall. The seminar was delivered by Students of AVIH - RACHAKONNDA POLICE. The seminar was all about cybercrime and the current state of cybercrime. Students learned a lot more about the data that we have on the current state of cybercrime. They have focused on the data that is our data security these days. They had taken into account the current concerns and outrages over the security of our data. Students have acquired knowledge



[Signature]
PRINCIPAL
 Avanthi Institute of Engg. & Tech
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B++ GRADE

Hyderabad

01-11-2021

To,

The Principal,

Avanthi Institute of Engineering and Technology,
Hyderabad

Respected sir

Sub: Permission letter to Principal for conducting Seminar

Our Club IOT intends to conduct a seminar on "**Basics python programming**" in our Institution-on 06-11-2021. We ask that you allow giving us Classroom to serve as the venue. It shall last for 3 hours. Kindly give our request a favorable consideration. Thanking you in anticipation.

Respectfully,

HOD (CSE)

PRINCIPAL
Avanthi Institute of Engg. & Tech
Guntihapally (V), Abdullapurmet (Md) R.R. Dist



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ACCREDITATION COUNCIL
B++ GRADE

Lr. No. Circular/AVIH/ 2021

Date: 03-11-2021

CIRCULAR

It is informed to all students and faculty members to attend the seminar on “**Basics python programming**” organized by the Dept. of Computer Science Engineering, Avanathi Institute of Engineering and Technology.

Note: Requesting the faculty members to adjust their class work.

Speakers: Students of CSE- **C.Sravani**

Venue: Classroom

Date: 06-11-2021

Time: 10:30 AM to 01:30 PM

Principal

PRINCIPAL
Avanathi Institute of Engg. & Tech
Guntlapally (V), Abdullapurmet (M) R.R. Dist

Copy to:

1. Principal Office
2. Director-HR
3. Club IOT



Participants : Faculty and students
Topic : "Basics python programming"
Speakers : Students of CSE- C.Sravani
DATE 06-11-2021

Report on Seminar "Basics python programming"

A Seminar was conducted on The Basics python programming at 10.30AM in ECE Classroom. The seminar was delivered by Students of CSE- C.Sravani. The Seminar was all about programming languages and how it will limit the halting problem in computing devices and also he has explained the computational methods of which an algorithm could be written. The Students had acquired knowledge regarding the computation methods.





ESTD : 1992

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PRINCIPAL
Avanthi Institute of Engg. &
Gunthapally (V), Abdullapurmet (Mdl)



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B++ GRADE

HYDERABAD
Date 14/09/2021


To
The Principal
Avanthi Institute of Engineering and Technology
Hyderabad

Respected Sir,

Sub: Request for approval to conduct a webinar on "Awareness Program on IoT"-reg.

This is to inform you that Club IoT of Department of Computer Science Engineering is planning to organize a webinar on "Awareness Program on IoT"-on --2021

Thanking you Sir,


Yours Sincerely
HOD (CSE)


PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl) R.R. Dist



Lr. No. Circular/AIET/ 2021

Date: 16/09/2021

CIRCULAR

It is informed to all students and faculty members of Dept. of CSE,ECE to attend the seminar on “**Awareness Program on IoT**” organized by the Club IoT, Avanthi Institute of Engineering and Technology.

Note: Requesting the faculty members to adjust their class work..

Speakers : Students of ECE Dept-RAKESH REDDY
Venue : E-class room
Date : 18/09/2021
Time : 11:30 AM to 01:30 PM

Principal

PRINCIPAL
Avanthi Institute of Engg. & Tech
Guntihapally (V), Abdullapurmet (M) R.R. Dist



Report on Webinar “One day Awareness Program on IoT”

Seminar was delivered by the students of CSE Dept, AIET. The seminar gave good understanding Of the present opportunities that are present in IOT and the student acquired knowledge in current IOT research domains and its applications.





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Gunthapally (V), Abdullapurmet (M), R.R. Dist., Near Ramoji Filmcity, Hyderabad - 501 512.



Hyderabad

01-10-2021

To,

The Principal,

Avanthi Institute of Engineering and Technology,
Hyderabad

Respected sir

Sub: Permission letter to Principal for conducting Seminar

Our ECE Club intends to conduct a seminar on "Design flow in VLSI using Tools "in our Institution-on 10-12-2021. We ask that you allow giving us E-Classroom to serve as the venue. Our computer lab shall take place on 10-12-2021. It shall last for 3 hours.

Kindly give our request a favorable consideration. Thanking you in anticipation.

Respectfully,


HOD (ECE)


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Lr. No. Circular/AIET/ 2021

Hyderabad

Date: 05/10/2021

CIRCULAR

It is informed to all students and faculty members to attend the seminar on” **Design flow in VLSI using Tools**” organized by the Dept. of Electronics and Communication Engineering, Avanthi Institute of Engineering and Technology.

Note: Requesting the faculty members to adjust their class work

Speakers : Students of ECE Dept- **Sravan kumar**

Venue : Computer lab

Date : 06/10/2021

Time : 11:30 AM to 01:30 PM

Principal

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (M), R.R. Dist., Hyderabad - 501 512



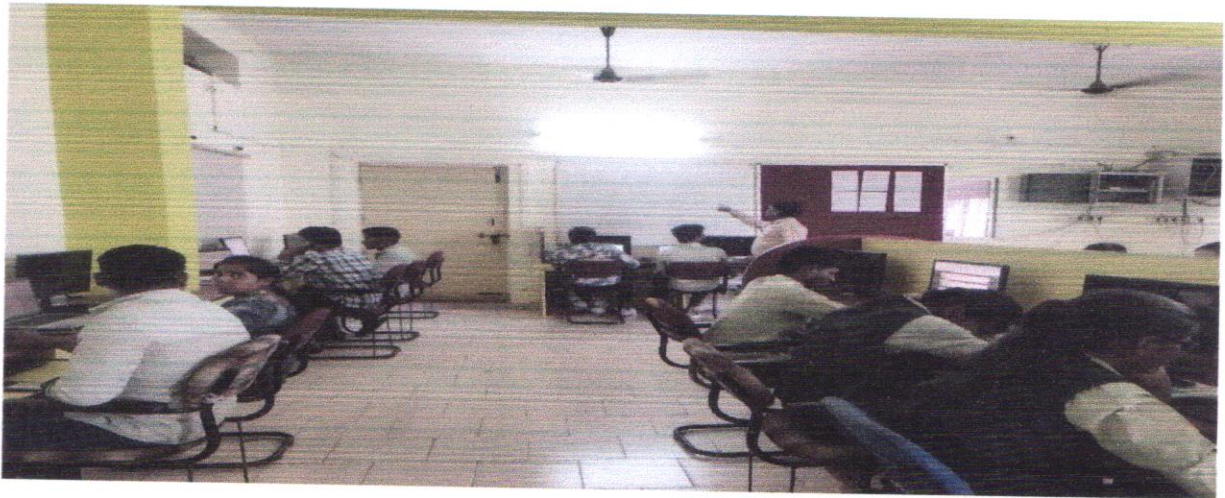
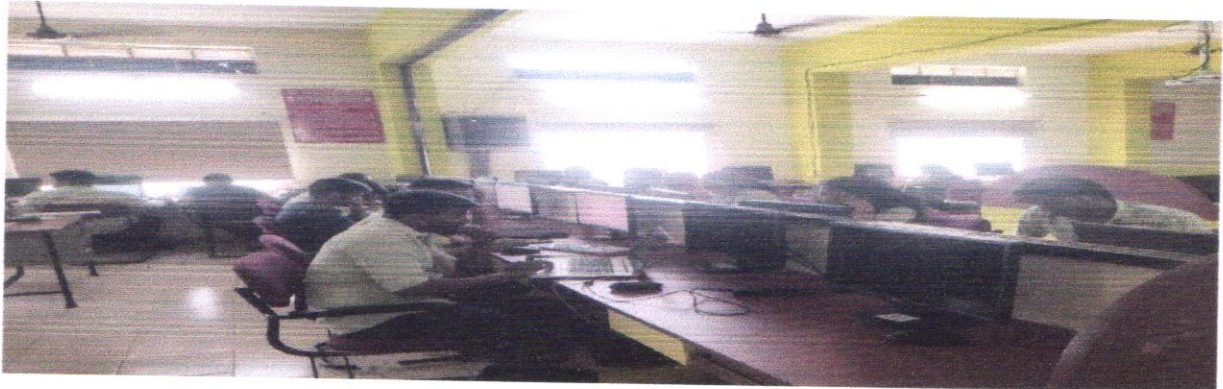
Participants : Faculty and students

Topic: "Design flow in VLSI using Cadence Tool"

Speakers: Students of ECE-Sravan Kumar

**Report on Seminar "Design flow in VLSI
using Cadence Tool"**

A Seminar was conducted on Design flow in VLSI using Cadence Tool at 10.30AM in ECE E-Classroom. The seminar was delivered by Students of ECE-Sravan Kumar



Principal
PRINCIPAL
Avanthi Institute of Engg. & Tech
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Hyderabad

Date 03/08/2021

To,
The Principal,
Avanthi Institute of Engineering and Technology,
Hyderabad

Sub: Permission letter to Principal for conducting Seminar

Our Spark Club intends to conduct a seminar on "**Renewable Energy Sources**" in our Institution-on 09-08-2021. We ask that you allow giving us E-Classroom to serve as the venue. Our Seminar shall take place on 09-08-2021. It shall last for 3 hours.

Kindly give our request a favorable consideration. Thanking you in anticipation.

Respectfully,

T. Varathikumar
HOD(EEE)

[Signature]
PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (M), R.R. Dist.



Lr. No. Circular/AIET/ 2021

Date: 04-08-2021

CIRCULAR

It is informed to all students and faculty members to attend the seminar on "Renewable **Energy Sources**" organized by the Dept. of Electrical and Electronics Engineering, Avanthi Institute of Engineering and Technology.

Note: Requesting the faculty members to adjust their class work.

Speaker : Students of EEE- M.Dinesh
Venue : EEE Classroom
Date : 09-08-2021
Time : 10:30 AM to 01:30 PM

Copy to:

1. Principal Office
2. Director-HR
3. SPARK Club


Principal
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Avanthi Institute of Engg. & Tech
Gunthapally (V) Abdullapurmet (M) R.R. Dist.



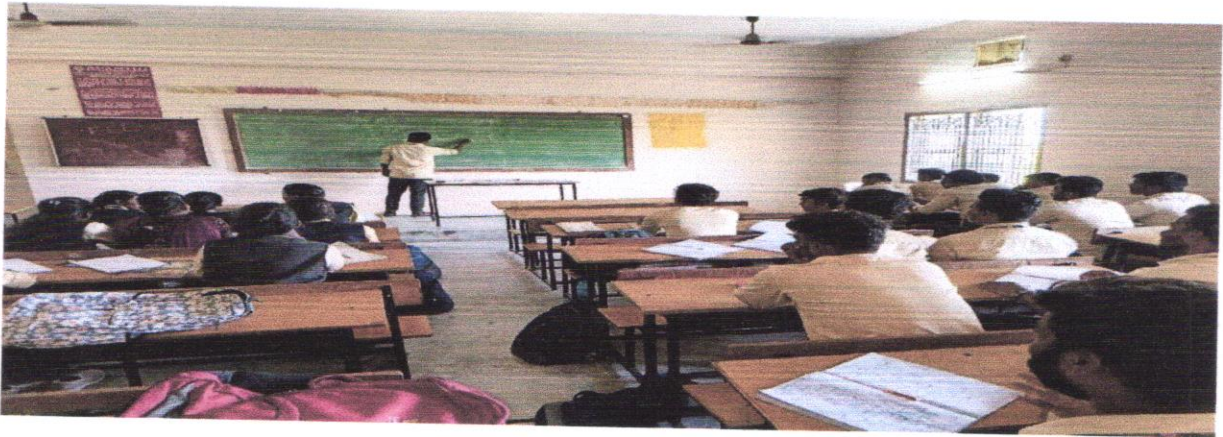
Participants : Faculty and students

Topic : **"Power Electronics application in Renewable Energy Sources"**
Speaker: Students of EEE- **M. Dinesh**

No. of Participants 39

Report on Seminar "Renewable Energy Sources"

A Seminar was conducted on One Day Awareness Program **Renewable Energy Sources** at 10.30AM in EEE Classroom. The seminar was delivered by Students of EEE- Ch.Saipriya & M.Dinesh






INCUBATION CENTRE

It is the basic building block required in the initial stages of start-ups. Incubation center are an essential component of any start-ups ecosystem. Furthermore, through an incubation Centre, students obtain practical knowledge with the contemporary tools and technological advancements. AIET is encouraging all stakeholders to come towards with the objective to acknowledge their own strengths.

OBJECTIVES:

- To develop and encourage a culture of creativity on campus.
- To promote a thirst in start-ups and build a vibrant start-up ecosystem on campus.
- To help in developing Innovative Ideas to take care of Societal needs.
 - Giving students guidance in order to develop solutions to problems in the real world.
 - To transform ideas into products and establish a platform for easy production that has minimal commercial value


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Avanthi Institute of Engg. & Tec
Guntihapally (V), Abdullapurmet (Mdl) R.R. D



Memorandum of Understanding

This Memorandum of Understanding is made at 5:30 PM Hrs. on 19th day of, January 2018.

BETWEEN

Manac Infotech Pvt Ltd, Hyderabad a Company incorporated under the Companies Act, 1956, having its Office at 2nd Floor Sagar View Complex, Opp. GHMC, Liberty, Hyderabad-029, Telangana, hereinafter referred to as "MIPL" (which term shall so far as the context admits be deemed to mean and include its successors, administrators, executors and assignees) of the **First Part**.

AND

Avanthi Institute of Engineering & Technology located at Gunthapally (Vill) Abdullapur Met Ranga Reddy Telangana State hereinafter referred to as "AVIH" (Which term shall so far as the context admits be deemed to mean and include its successors and assigns) of the **Second Part**,

WHEREAS:

"MIPL" is a Training Partner associated with various corporate for providing training to the students as part of their CSR activity.

An IIM Alumnus Enterprise

LIBERTY: #205, Sagar View Complex, Opp. GHMC Office, Near Tankbund Ambedkar Statue. Ph: 966607505.

DILSUKHNAGAR: 1st Floor, Above Airtel Office, Near Metro Pillar No. MSBNP-28. Ph: 9291430931.

Toll Free:- 1800-425-1839

www.manacinfotech.com



1. AVIH College is an Educational institution affiliated to JawaharlalLal Technological University Hyderabad. The College offers various Graduate & Post Graduate Courses in Engineering Courses.
2. AVIH College is willing to enter into a Memorandum of Understanding (MOU) with "MIPL" for the skills enhancement initiative through Career Clap, the technology platform and other face to face initiatives.

NOW IT IS HEREBY AGREED BY AND BETWEEN THE PARTIES HERE TO AS UNDER:

1. Objective:

The objective of this MOU is to enable students of AVIH College access resources that would enhance their employability.

2. Period of MOU:

This MOU shall come into force and effect from the date of execution and shall remain valid for a period of Ten years from such date after which the same may be reviewed by either party. However, if the same is not renewed this arrangement will be deemed terminated on the expiry of the said duration period.

3. Roles & Responsibilities of the College:

- a. The College shall be responsible to nominate one person with adequate accountability and responsibility to coordinate the engagement. The person so appointed would act as the single point of contact (SPOC) for the proposed initiative.
- b. The College shall share the details of the students like name, email ID and contact details who are willing to undergo the aforesaid skill enhancement initiative through Career Clap with "MIPL" in the College Letterhead. The College further authorises "MIPL" to share the above information with





NASSCOM Foundation/ Barclays to get in touch with the students for updating them about various job fairs, placement drives etc, and to seek feedback of the program.

- c. It would be the responsibility of the College to ensure that proper publicity of the Program is made through College website.
 - d. To encourage the Students to register for the Program by informing them about the benefits of the program.
 - e. To provide all the support services and facilities to "MIPL" during the conduct of the said Training Program.
 - f. To coordinate with "MIPL" and facilitate conduct of all the assessments including the assessment to be conducted by the external agency (if any) identified by "MIPL" as per schedule communicated by "MIPL"
- 4. Roles & Responsibilities of "MIPL":**
- a. "MIPL" shall be responsible to provide access to employability enhancement related activities through blended learning model including use of Career Clap.
 - b. "MIPL" will arrange for assessment of its own and also arrange external assessment as required.
- 5. Other Terms & Conditions:**
- Following are the other terms and conditions of MOU:
- a. The students enrolled should complete the training as scheduled.





- b. The students should register online through MAAT and appear for Assessments as required.
- c. Program Coordinator to be appointed by college
- d. TPO's active support and participation is required for smooth & efficient conduct of the program
- e. The College shall not write/publish any material or use any logos/names of "MIPL" / Nasscom Foundation/ Barclays in any of the publications without prior written consent and approval from "MIPL"

6. Commercials:

This Training Program is free of cost. "MIPL" shall not charge any fees on whatsoever account/name from the students or the College for conducting the aforesaid training program

7. Certification:

E-Certificates shall be awarded by "MIPL" to the students on successful completion of the Technology Training and clearing of the assessment held post completion of the training program.

8. Limitations and Warranties :

Both parties agree that it would be their endeavor to prevent any liability arising out of default or non-compliance of the MOU terms by the other party.

9. Termination:

- a. Both parties can terminate the MOU with a prior written thirty (30) day notice on default of terms of non-adherence to any condition or responsibilities by





the other party as outlined in this MOU in case such default is not rectified within such 30 days.

- b. Both parties also agree that it would be their professional endeavour that despite any termination of the MOU, progress would continue, without any prejudice to the ongoing Training Programs, which would be without any hindrance and would be progressed for completion

10. Entirety & Amendment:

This MOU contains the entire understanding between the Parties in relation to the Training Program. If during the operation of the MOU, circumstances may rise which call for alteration / modification to this MOU, such alteration / modification shall be mutually discussed and agreed upon in writing. Such changes will be formalized in writing as an 'Addendum' to this MOU. Any changes/amendments to this MOU not in conformance to this section shall be deemed to be void-ab-initio

11. Intellectual Proprietary Rights:

All intellectual or proprietary property and information, supplied or developed by either Party shall be and remain the sole and exclusive property of the Party who supplied or developed same. Upon termination of this MOU and on written request, the Party in receipt of the requesting Party's intellectual or proprietary property and/or information pursuant to this MOU shall return such information to the requesting Party.

12. Confidential Information:

Both parties undertake to each other to keep confidential all in format MIPL (written or oral) concerning the business and affairs of the other, which has been obtained or received during the course(s) of performance here under, save that which is in consequential or obvious;





- a. Already in its possession other than as a result of a breach of this clause; or in the hands of the public other than as a result of a breach of this clause.
- b. In the event of any of the parties becoming legally compelled to disclose any confidential information, such party shall give sufficient notice to the other party so as to enable the other party to seek a timely protective order or any other appropriate relief. If such an order or other relief cannot be obtained, the party being required to make such a disclosure shall make the disclosure of the Confidential Information only to the extent that is legally required of it and no further.
- c. Both parties agree not to deal directly or enter into any business agreement with any of the partners or associates or customers of either party during the term of the agreement and also after the agreement have been terminated, not earlier than two years from the date of termination.

13. Force Majeure:

- a. Neither party to this MOU shall be liable for any failure or delay on its part in performing any of its obligations under this MOU, if such failure or delay shall be result of or arising out of Force Majeure conditions and, provided that the party claiming Force Majeure shall use its best efforts to avoid or remove such cause of non-performance and shall fulfil and continue performance hereunder with the utmost dispatch whenever and to the extent such cause or causes are removed.
- b. Any extraordinary event, which cannot be controlled by the parties, shall for the purpose of this MOU be considered as a Force Majeure event. Such events include acts of God, acts or omissions of any Government or agency thereof, compliance with rules, regulations or order of any Government Authority. Provided however, if either party claims that existence of any of the aforesaid conditions is delaying or disabling the performance by said party of its



- a. All ready in its possession other than as a result of a breach of this clause; or in the hands of the public other than as a result of a breach of this clause.
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AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, Recognised by Govt. of Telangana & Affiliated to JNTU, Hyderabad)

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99637 77979

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NATIONAL ASSESSMENT AND
ACCREDITATION COUNCIL
B++ GRADE

obligations under this MOU, such party shall give immediate notice to the other party of the existence of such conditions whose existence are claimed to delay or disable the performance of obligations as aforesaid.

14. Jurisdiction and Arbitration:

- In the event of any dispute or difference between the Parties hereto, the courts in alone shall have exclusive jurisdiction to try any matter arising between the Parties here-to and accordingly both the Parties shall submit to the exclusive jurisdiction of courts in Hyderabad Telangana.
- Any dispute arising out of, in relation to or in respect to this MOU shall be settled through mutual consultation and agreement, by the Parties to this MOU. In case a settlement is not arrived at within fifteen (15) days of reference, the dispute/s shall be referred to a sole arbitrator to be appointed in accordance to the Arbitration and Conciliation Act, 1996 as amended from time to time. The place of arbitration shall be, India.

IN WITNESS WHEREOF, the Parties hereto have duly executed this Agreement as on the day, month and year first hereinabove written.

For MIPL
(Manac Infotech Pvt Ltd)

(Authorized Signatory)

Name: M. KONDAL REDDY

Designation: MANAGER OPERATIONS

Place: HYDERABAD

Date: 19/01/2018

Stamp:



For AVIH
(Avanthi Institute of Engineering & Technology)

(Authorized Signatory)

Name: Dr. Jayaprakash

Designation: Director HR

Place: Hyderabad

Date: 19-01-2018

Stamp:

DIRECTOR
Avanthi Group of Colleges
Gunthapally (VIII), Abdullapurmet (MndI)
Ranga Reddy Dist.

PRINCIPAL
Avanthi Institute of Engg. & Technol
Gunthapally (V), Abdullapurmet (MndI) R.R. Dist.



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INCUBATION CENTRE

IN

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Objectives of Incubation Center

- To inculcate and nurture the culture of innovation at campus
- To seed in the minds about Start-ups and to create vibrant start-up ecosystem in the campus
- To help in developing Innovative Ideas to take care of Societal needs
- To find solutions for real life problems by providing mentoring
- To Translate Ideas to Products and a platform for easy commercialization with minimal commercial values
- Access to modern product innovation center with internet facilitated laboratory
- Training to develop business skills
- Mentor support
- Encourage students to develop innovative projects/products to become job givers instead of job seekers through facilitation in opening start-ups.

PRINCIPAL

Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (M), R.R. Dist.

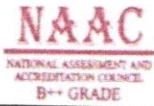


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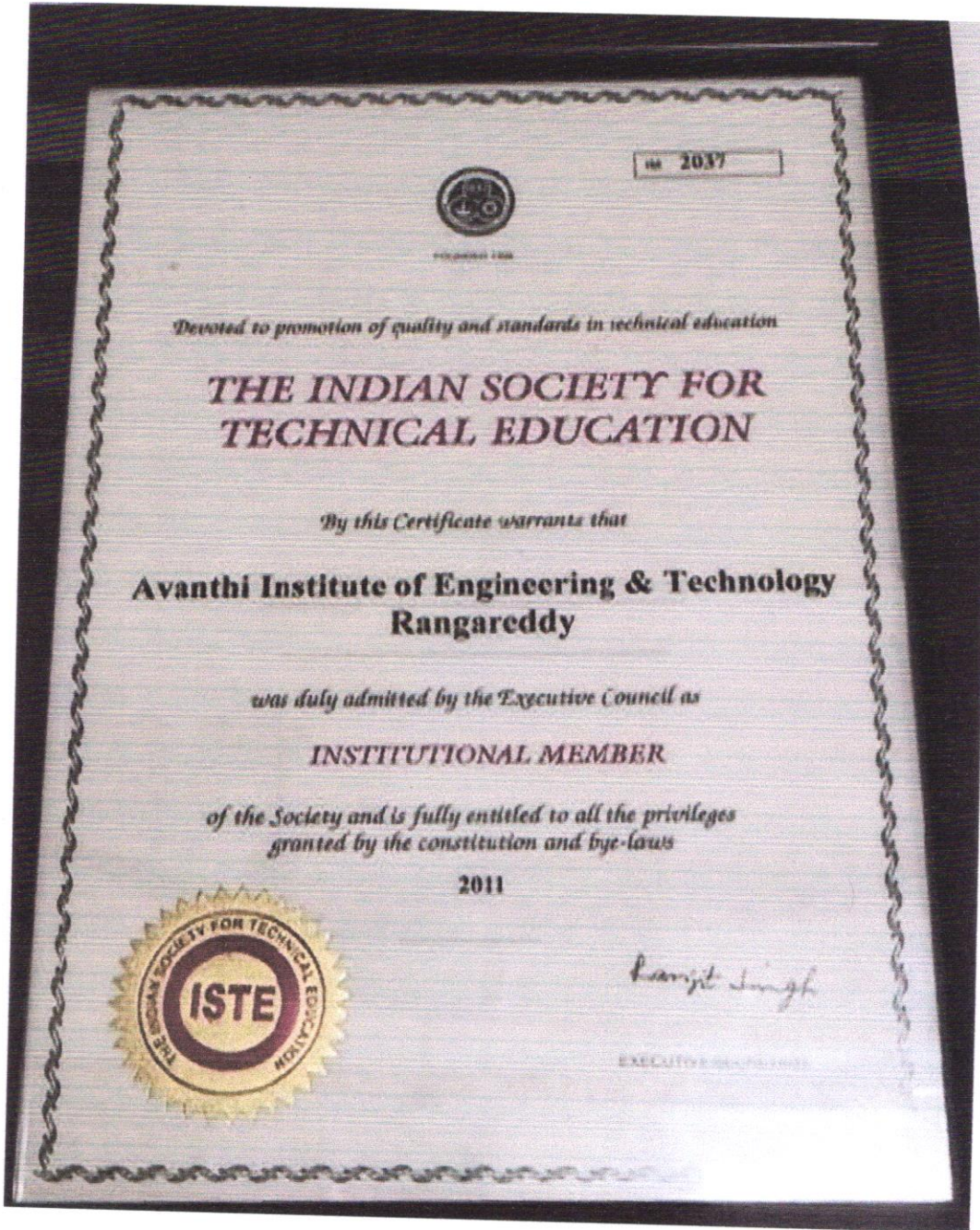
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PROFESSIONAL BODY MEMBERSHIPS




PRINCIPAL
Avanthi Institute of Engg. & Tec
Gunthapally (V), Abdullapurmet (M), R.R. D



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PRINCIPAL

Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (M), R.R. Dist.



ESTD : 1982

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FOUNDED 1967

LM 13814

THE INDIAN SOCIETY FOR TECHNICAL EDUCATION

By approval of the Executive Council, has elected

G. RAMACHANDRA REDDY

LIFE MEMBER

*of the Society, an organisation for promoting
the quality and standards
in technical education.*

1993



[Signature]
EXECUTIVE SECRETARY

[Signature]
PRINCIPAL
Avanthi Institute of Engg. & Tech
Guntihapally (V), Abdullapurmet (M) R.R. Dist



AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

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NAAC
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B++ GRADE

ESTD :1992



FOUNDED 1968

LM 58400

THE INDIAN SOCIETY FOR TECHNICAL EDUCATION

By approval of the Executive Council, has admitted

S. KISHORE REDDY

LIFE MEMBER

*of the society, an organisation for promoting
the quality and standards
in technical education.*

2008



Ramot Singh

EXECUTIVE SECRETARY

[Signature]
PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (M) R.R. Dis



AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

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NAAC
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B++ GRADE



FOUNDED 1968

LM 5936

THE INDIAN SOCIETY FOR TECHNICAL EDUCATION

By approval of the Executive Council, has admitted

E PRASANNA

LIFE MEMBER

*of the society, an organisation for promoting
the quality and standards
in technical education.*

2013



Ramprasad Singh

EXECUTIVE SECRETARY

Prasad
PRINCIPAL

Avanthi Institute of Engg. & Tec
Gunthapally (V), Abdullapurmet (Md) R.R.D



FOUNDED 1968

LM 6107

THE INDIAN SOCIETY FOR TECHNICAL EDUCATION

By approval of the Executive Council, has admitted

S RAJENDAR

LIFE MEMBER

of the society, an organisation for promoting the quality and standards in technical education.

2017



Ramot Singh

EXECUTIVE SECRETARY

[Signature]
PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (M), R.R. Dist



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ESTD : 1982

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FOUNDED 1968

LM 5931

THE INDIAN SOCIETY FOR TECHNICAL EDUCATION

By approval of the Executive Council, has admitted

T KRANTHI KUMAR

LIFE MEMBER

*of the society, an organisation for promoting
the quality and standards
in technical education.*

2019



Ramkrishna Singh

EXECUTIVE SECRETARY

Pradeep
PRINCIPAL

Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (M) R.R. Dist



ESTD :1992

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NAAC
NATIONAL ASSESSMENT AND
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B++ GRADE



FOUNDED 1968

LM 72364

THE INDIAN SOCIETY FOR TECHNICAL EDUCATION

By approval of the Executive Council, has admitted

RAMESH BABU YELURI

LIFE MEMBER

*of the society, an organisation for promoting
the quality and standards
in technical education.*

2010



Ramesh Babu Yeluri

EXECUTIVE SECRETARY

[Signature]
PRINCIPAL

Avanthi Institute of Engg. &
Gunthapally (V), Abdullapurmet (M)



AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

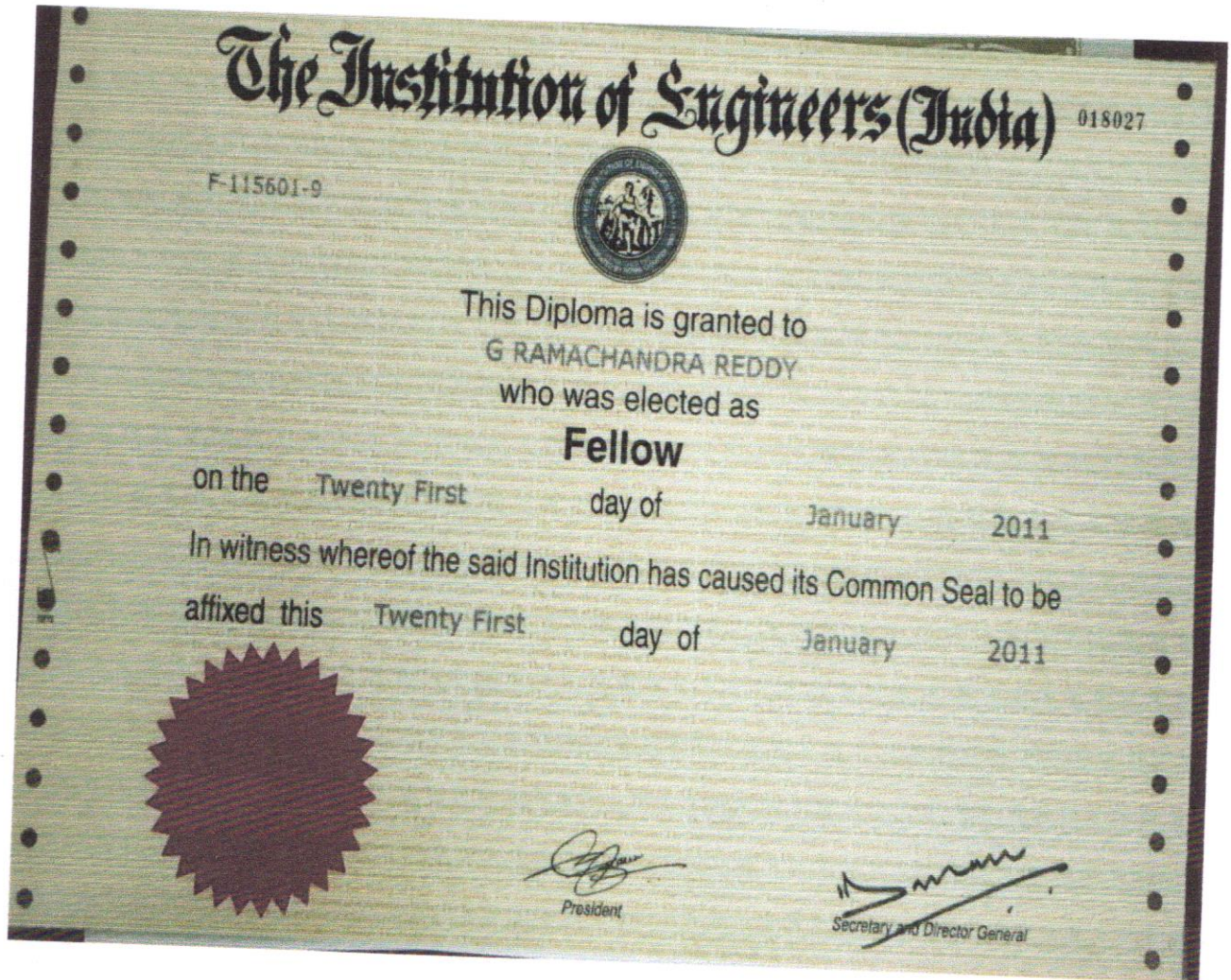
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NAAC
NATIONAL ASSESSMENT AND
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ESTD : 1992



[Signature]
PRINCIPAL
 Avanthi Institute of Engg. & Tech
 Gunthapally (V), Abdullapurmet (Mdl) R.R. Dist



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NAAC
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ACCREDITATION COUNCIL
B++ GRADE

ESTD. 1999



KURNOOL



By approval of the executive council, Kurnool District Technical Forum has elected

Er **G. Ramachandra Reddy**

LIFE MEMBER

of the forum that is providing a platform to all Engineers of Kurnool District to exchange their ideas and to share their experiences on various technical and general issues.

LM 034

DATE 15.09.2006

SECRETARY

PRINCIPAL
Avanthi Institute of Engg. & Techno
Gunthapally (V), Abdullapurmet (M), R.R. Dist.



IAENG INTERNATIONAL ASSOCIATION OF ENGINEERS

Date: 8 September 2020

To Whom It May Concern:

Official Letter for the IAENG Membership

Member Name: Dr. SRILAPUREDDY KISHOREREDDY

Member Number: 128215

IAENG is a non-profit international association for the engineers and the computer scientists. IAENG has been found by a group of engineers and computer scientists from over thirty different countries. Our goals are to promote the co-operation between the professionals in various fields of the engineering and to cultivate an environment for the advance and development of the technology. Our objectives include:

- Promoting the interactions between the engineers;
- Advancing the application of engineering techniques from the academics to the industry;
- Facilitating the exchange of information and ideas among the engineers and scientists freely.

This letter is to certify that the above person is an IAENG member. For the information about IAENG Membership, please visit our website <http://www.iaeng.org/membership.html>

If you have any question, you are very welcome to contact us at any time.

Best regards,

Joan Mok
Assistant Secretary
International Association of Engineers (IAENG)
<http://www.iaeng.org>
Email: member@iaeng.org





ENTREPRENEURSHIP DEVELOPMENT CELL

An Entrepreneurship Development Cell was established in the college to encourage the students' sense of entrepreneurship. The Cell strives to establish an entrepreneurial ecosystem on campus and offers students a platform to develop ideas into financially viable technological businesses. The cell's goal is to outfit faculty members who are enthusiastic about putting programs into action. Since its start, the cell has pushed students to consider options outside of internships and jobs. To boost the students' business spirit, numerous inspirational speeches and awareness campaigns are held.

Departmental ED Committee Members

S. No.	Name of the Faculty	Designation	Department
1	Dr. N Ramana Reddy	Institute Level Coordinator	MBA
2	Mr Shankar	Member	MECH
3	Mrs. RAGINI	Member	EEE
4	Mrs. G.Srinivas	Member	ECE
5	Mrs UMA	Member	CSE
6	Mr Monihar Reddy	Member	BS&H
7	Mrs.R.Srilatha	Member	MBA

In our college, we encourage students to explore their ideas, develop their abilities, and prepare them for life. Student groups provide a forum for the exchange of novel ideas and perspectives. It aids in the transformation and overall development of students.


PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (M), R.R. Dist.



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NAAC
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Hyderabad
Date: 04-08-2021

To,

The Principal,

Avanthi Institute of Engineering and Technology,
Hyderabad

Sub: Requesting to held a Meeting regarding Entrepreneur Development cell

Respected Sir,

I would like to ask you permission to allow us to conduct a meeting regarding the activities and further developments in ED cell. I am conducting the meeting among all the coordinators from all the departments.


The meeting would last about one hour and would be arranged at a time convenient to the faculty schedule. If you agree, kindly sign below acknowledging your consent and permission for me to conduct this meeting at our conference hall.

Your approval to conduct this meeting will be greatly appreciated

Sincerely


Dr. N Ramana Reddy

MBA Department


PRINCIPAL
Avanthi Institute of Engg. & Tec
Guntihapally (V), Abdullapurmet (Mdl) R.R. Di



Lr.No/AIET/2021
2021

Date: 05-08-

CIRCULAR

It is informed to all the members of ED Cell to attend the meeting scheduled on 06-08-2021 to discuss about the upcoming ED activities

Venue Conference Hall

Date 06-08-2021

Time 3.00PM

Copyto: 1. Principal Office

2. Director-HR

3. All HOD's (CSE, MECH, EEE, ECE, CIVIL, CS"MD, BS&H, MBA)

4. Administrative Office

5. Library

6. File

Principal
PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (M), R.R. Dist



MINUTES OF MEETING-ED

The minutes of the E & D cell meeting held on August 06, 2021, at 03:00pm in the conference room.

Members Participated:

S. No.	Name of the Faculty	Designation	Department
1	Dr. N Ramana Reddy	Institute Level Coordinator	MBA
2	Mr Shankar	Member	MECH
3	Mrs. RAGINI	Member	EEE
4	Mrs. G.Srinivas	Member	ECE
5	Mrs UMA	Member	CSE
6	Mr Monihar Reddy	Member	BS&H
7	Mrs.R.Srilatha	Member	MBA

AGENDA:

1. To Plan for events in 2021-22
2. Discussion about the guest to be invited
3. To motivate student for actively participate.

Meeting Outcome:

- The discussion on how many events to be organized was concluded by keeping the count to a minimum three events in the academic year 2021- 22.
- The committee suggested including government officials as chief guest.
- Inculcating Entrepreneurial skills by giving students as much insights into starting their own venture. Using sustainability as key. This will cover aspects of making business plan, Understanding starts up policy and government incentives and to make them funding aspects.



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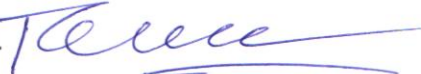






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Signature:

1. 
2. 
3. 
4. 
5. 
6. 
7. 

Coordinator



Chair
PRINCIPAL
Avanthi Institute of Engg. & Tech
Guntihapally (V), Abdullapurmet (M), R.R. Dist



ENTREPRENEURSHIP DEVELOPMENT CELL

An Entrepreneurship Development Cell was established in the college to encourage the students' sense of entrepreneurship. The Cell strives to establish an entrepreneurial ecosystem on campus and offers students a platform to develop ideas into financially viable technological businesses. The cell's goal is to outfit faculty members who are enthusiastic about putting programs into action. Since its start, the cell has pushed students to consider options outside of internships and jobs. To boost the students' business spirit, numerous inspirational speeches and awareness campaigns are held.

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4	Mrs. G.Srinivas	Member	ECE
5	Mrs UMA	Member	CSE
6	Mr Monihar Reddy	Member	BS&H
7	Mrs.R.Srilatha	Member	MBA

In our college, we encourage students to explore their ideas, develop their abilities, and prepare them for life. Student groups provide a forum for the exchange of novel ideas and perspectives. It aids in the transformation and overall development of students.


PRINCIPAL
Avanthi Institute of Engg. & Tech
Guntihapally (V), Abdullapurmet (M) R.R. Dist



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NATIONAL ASSESSMENT AND
ACCREDITATION COUNCIL
B++ GRADE

Hyderabad

Date: 06-11-2021

To,

The Principal,

Avanthi Institute of Engineering and Technology,
Hyderabad

Sub: Requesting to held a Meeting regarding Entrepreneur Development cell

Respected Sir,

I would like to ask you permission to allow us to conduct a meeting regarding the activities and further developments in ED cell. I am conducting the meeting among all the coordinators from all the departments.

The meeting would last about one hour and would be arranged at a time convenient to the faculty schedule. If you agree, kindly sign below acknowledging your consent and permission for me to conduct this meeting at our conference hall.

Your approval to conduct this meeting will be greatly appreciated

Sincerely

Dr. N Ramana Reddy

MBA Department

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (M), R.R. Dist



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B++ GRADE

Lr.No/AIET/2021

Date: 07-11-2021

CIRCULAR

It is informed to all the members of ED Cell to attend the meeting scheduled on 09-11-2021 to discuss about the upcoming ED activities

Venue Conference Hall

Date 09-11-2021

Time 3.00PM

Copyto: 1. Principal Office


2. Director-HR

3. All HOD's (CSE, MECH, EEE, ECE, CIVIL, CS"MD, BS&H, MBA)

4. Administrative Office

5. Library

6. File

Principal

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (M), R.R. Dist



MINUTES OF MEETING-ED

The minutes of the E & D cell meeting held on November 09, 2021, at 03:00pm in the conference room.

Members Participated:

S. No.	Name of the Faculty	Designation	Department
1	Dr. N Ramana Reddy	Institute Level Coordinator	MBA
2	Mr Shankar	Member	MECH
3	Mrs. RAGINI	Member	EEE
4	Mrs. G.Srinivas	Member	ECE
5	Mrs. UMA	Member	CSE
6	Mr Monihar Reddy	Member	BS&H
7	Mrs.R.Srilatha	Member	MBA

AGENDA:

1. To Plan for events in 2021-22
2. Discussion about the guest to be invited
3. To motivate student for actively participate the events.
- 4 Any other points discussed with the permission of the chair

Meeting Outcome:

- The discussion on how many events to be organized was concluded by keeping the count to a minimum three events in the academic year 2021- 22.
- The committee suggested including government officials as chief guest.
- Inculcating Entrepreneurial skills by giving students as much insights into starting their own venture. Using sustainability as key. This will cover aspects of making business plan,

Understanding starts up policy and government incentives and to make them funding aspects.



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99637 77979

NAAC
NATIONAL ASSESSMENT AND
ACCREDITATION COUNCIL
B++ GRADE

Signature:

- 1.
- 2.
- 3.
- 4.
- 5.
6. Manu Reddy
7. Sulekha

Coordinator

Chair
PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (M) R.R. Dist



Events Organized by the ED Cell

The following are the events organized by the ED Cell during the Academic Year 2021-2021

S.No	Events Organized by ED Cell	Academic Year
1	Role of entrepreneurs in Economic Development	2021-22
2	Employment Vs Entrepreneurship	
3	Is education important to become entrepreneur	

PRINCIPAL
Avanthi Institute of Engg. & Tech
Guntihapally (V), Abdullanurmet (M) R.R. Dist



Tech Resonance 2K22 2021-2022

At the college level, the development of cost-effective societal projects are encouraged. Other initiatives for knowledge creation and transmission include coding contests and **Tech Resonance 2K22** hosted by the combine efforts of various Student clubs namely- IoT Club, ECE Club, Spark Club with the inculcated knowledge from The Centre of Excellence. Students actively participated and they gained exposure towards national and global issues to resolve them innovately.

This **Tech Resonance 2K22** is based on the concept of today's problem will bring tomorrow's innovation. The main aim behind this event is to unleash one's creativity by providing them a perfect platform

The Problem Statement Themes are:

- ARTIFICIAL INTELLEGENCE
- ANTENNAS
- VLSI
- Sensor Automation
- DATAANALYTICS
- AI& MACHINE LEARNING
- Smart Automation
- AWS,AZURE
- ATHICALHACKING
- VIRTUAL REALITY
- POWERQUALTY ISSUES
- RENEWABLE ENERGY SOURCES
- SMART GRID TECHNOLOGY
- AURDINO
- MICRO CONTROLLER
- IOT & SESORS
- INDUSTRIALATOMATION

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**AVANTHI INSTITUTE OF
ENGINEERING & TECHNOLOGY**

(Approved by AICTE, Recognised by Govt. of Telangana & Affiliated to JNTU, Hyderabad)

Gunthapally (V), Abdullapurmet (M), R.R. Dist., Near Ramoji Filmcity, Hyderabad - 501 512.

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NATIONAL ASSESSMENT AND
ACCREDITATION COUNCIL
B++ GRADE

Hyderabad
Date: 16-04-2022

To

The principal,
Avanthi Institute of Engineering and Technology,
Hyderabad

Sub: Requesting approval to organize national level Tech Resonance 2K22 on 28TH, 29TH AND 30TH April, 2022 in AVIH college permission.

Respected sir,

This is to inform you that, we are planning to organize **national level Tech Resonance 2K22** on **28TH, 29TH AND 30TH April, 2022** in AVIH college premises. So kindly give the permission to conduct above mentioned program in our Campus


The details of the resource person for the **Tech Resonance 2K22** are as follows:

S.NO	ORGANIZING	COORDINATORS	PROGRAM TITLE	DATE
1	AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY	Y.SATISH A.SHANKAR PRAVEEN K.CHANDRASHAKER S.SAIDI REDDY	National level Tech Resonance 2K22	28-04-2022 TO 30-04-2022

We request you to give permission to organize the Tech Resonance 2K22

Thanking you Sir,

Yours Sincerely


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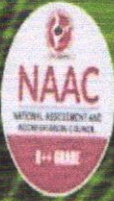


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ESTD 1992

AVANTHI GROUP OF INSTITUTIONS



Glorious Years



Presents

Tech Resonance 2k22

- Convergence Of Technologies

A national seminar on recent transformations in simulation & fabrication Techniques

Dept Of ECE

PPT Topics - ECE

- ARTIFICIAL INTELLIGENCE
- RECENT TRENDS IN DIGITAL WIRELESS COMMUNICATION
- ANTENNAS & VLSI
- IoT & SENSORS
- AUDIING
- MICRO CONTROLLERS

Faculty coordinators :

Mr. S. Saiji Reddy- 9704404393
Mr. V Nagaraju - 9912499292

Student coordinators :

Mr. S. Sai kalyan teja
9110326598
Mr. Harshavardhan
9573356440

Dept Of EEE

PPT Topics - EEE

- ELECTRIC VEHICLES & FUTURE
- SMART GRID TECHNOLOGIES
- RENEWABLE ENERGY SOURCES
- POWER QUALITY ISSUES

Faculty coordinators :

Mr. K. Chandra Shekar
9703610105
Mr. M.Saida Rao
9963592676

Student coordinators :

Mr. A. Shivam - 9515613450
Mr. K. Dheeraj - 7995687962

Dept Of Civil

PPT Topics - Civil

- ADVANCED TECHNOLOGIES IN CIVIL ENGINEERING
- PEB (Pre Engineered Buildings)
- PLASTIC USAGE IN CIVIL ENGINEERING

Faculty coordinators :

Mr. V. Praveen - 9700515535

Student coordinators :

Shiva Kumar
9949361061

Dept Of Mech

PPT Topics - Mechanical

- ADVANCES IN MECHANICAL ENGINEERING
- INDUSTRIAL AUTOMATION
- PNEUMATIC HACKSAW CUTTER
- ARTIFICIAL INTELLIGENCE
- VEHICLE FUEL THEFT SYSTEM
- RAPID PROTOTYPING

Faculty coordinators :

Mr. A. Shankar - 8099246989
Mr. Vinay thirandas-8106761321

Student coordinators :

Mr. J. Srinivas - 9550176625
Mr. Kommu Ganesh-970441398

Dept Of CSE

PPT Topics - CSE

- AWS, AZURE
- DATA ANALYSIS
- AI & MACHINE LEARNING
- BLOCKCHAIN
- ETHICAL HACKING
- VIRTUAL REALITY

Faculty coordinators :

Mr. Y.Sathish - 9885026501
Mr.Ch.Ravi Kumar - 8639501678

Student coordinators :

Mr. M.Chinmai - 9951955838
Mr. Ruthwi k Reddy-7997055197

EVENTS OF THE PROGRAMME

- PAPER PRESENTATION (PPT)
- POSTER PRESENTATION
- PROJECT EXPO
- CIRCUIT DESIGN
- TECHNICAL QUIZ
- TREASURE HUNT
- CODE HUNT
- SCARY HOUSE
- ROBO RACE

Venue

Avanthi Campus
Gunthapally

Last date for Registration
& Paper Submission is

25/04/2022

techfest2k22@gmail.com

CASH PRIZES

Date 28th, 29th & 30th Apr, 2022

Registration Fee ₹ 200

Smt. M. Gnaneswari
President of
Avanthi Group of Institutions

Dr. M. Priyanka
General Secretary
Avanthi Group of Institutions

Sri. I. Shravan Kumar
Managing Director
Avanthi Group of Institutions

Sri. M.V.S. Nandeesh
Vice President
Avanthi Group of Institutions

Dr. Y. Jaya Prada
Director HR
Avanthi Group of Institutions

Dr. G. Ramachandra Reddy
AVI - Principal

Dr. A. SIVA KUMAR
ASRA - Principal

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ECE DEPARTMENT R&D LAB



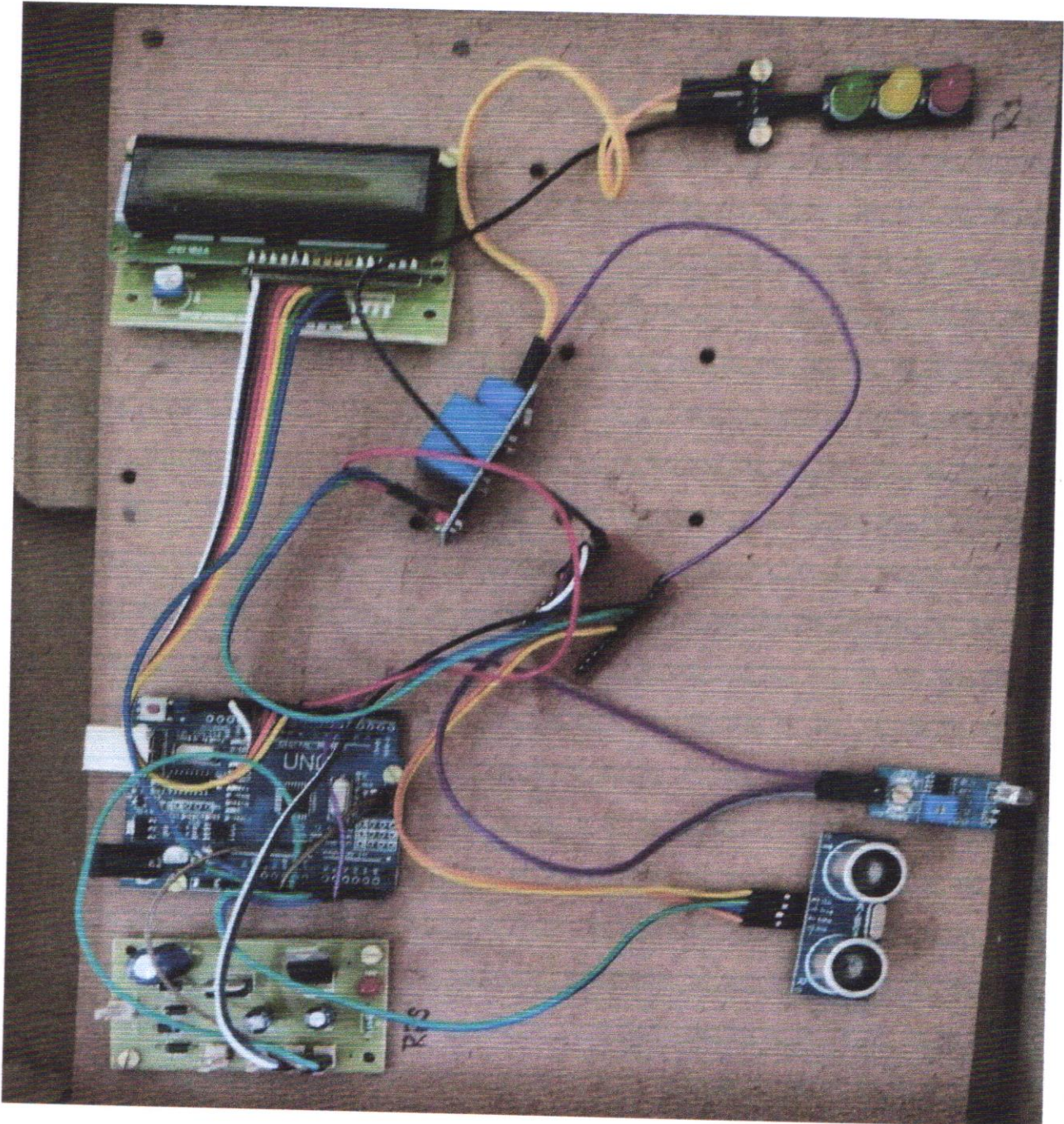
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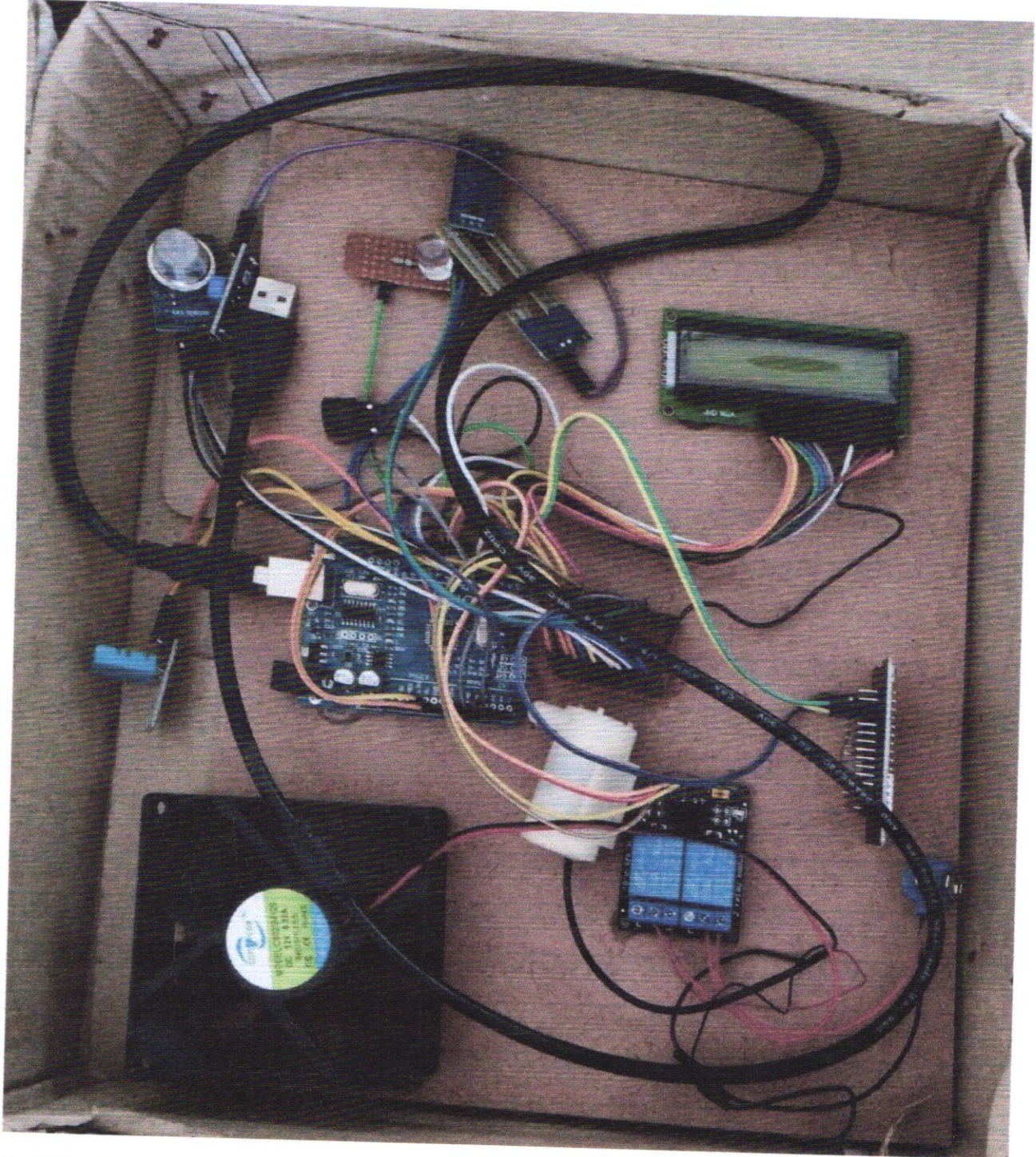


ECE DEPARTMENT R&D ACTIVITIES

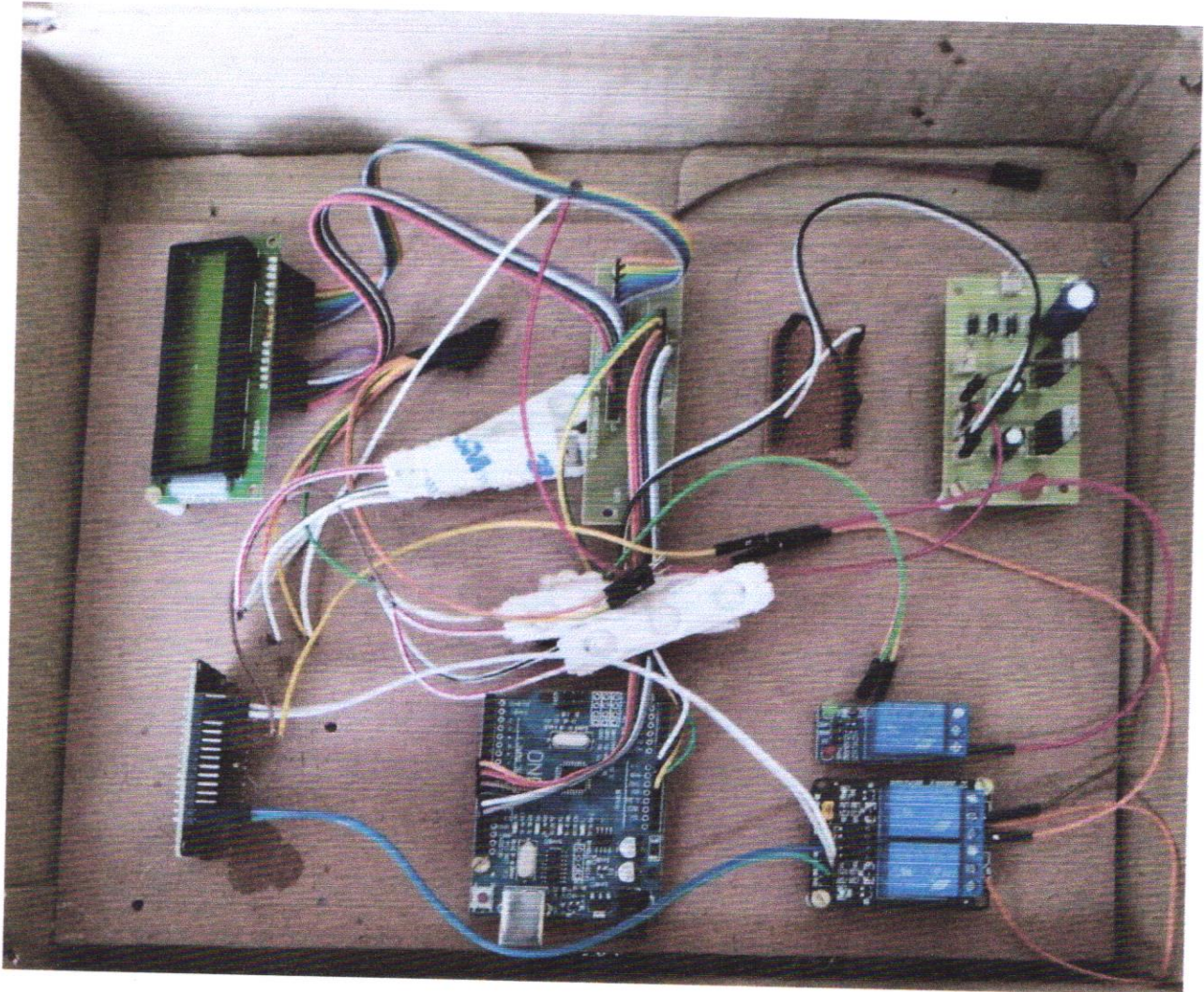
The following Projects Design and Develop by ECE Department



INTELLEGET TRAFFIC SIGNALING PRIORITY SYSTEM FOR AMBULANCES & VIP VEHICLES



ENVOREMENTAL MONETRING USING AURDINO &IOT WITH ALERTING SYSTEM



DESIGN AND IMPLEMENTATION OF AUTOMATIC STREET LIGHT SYSTEM USING AURDINO

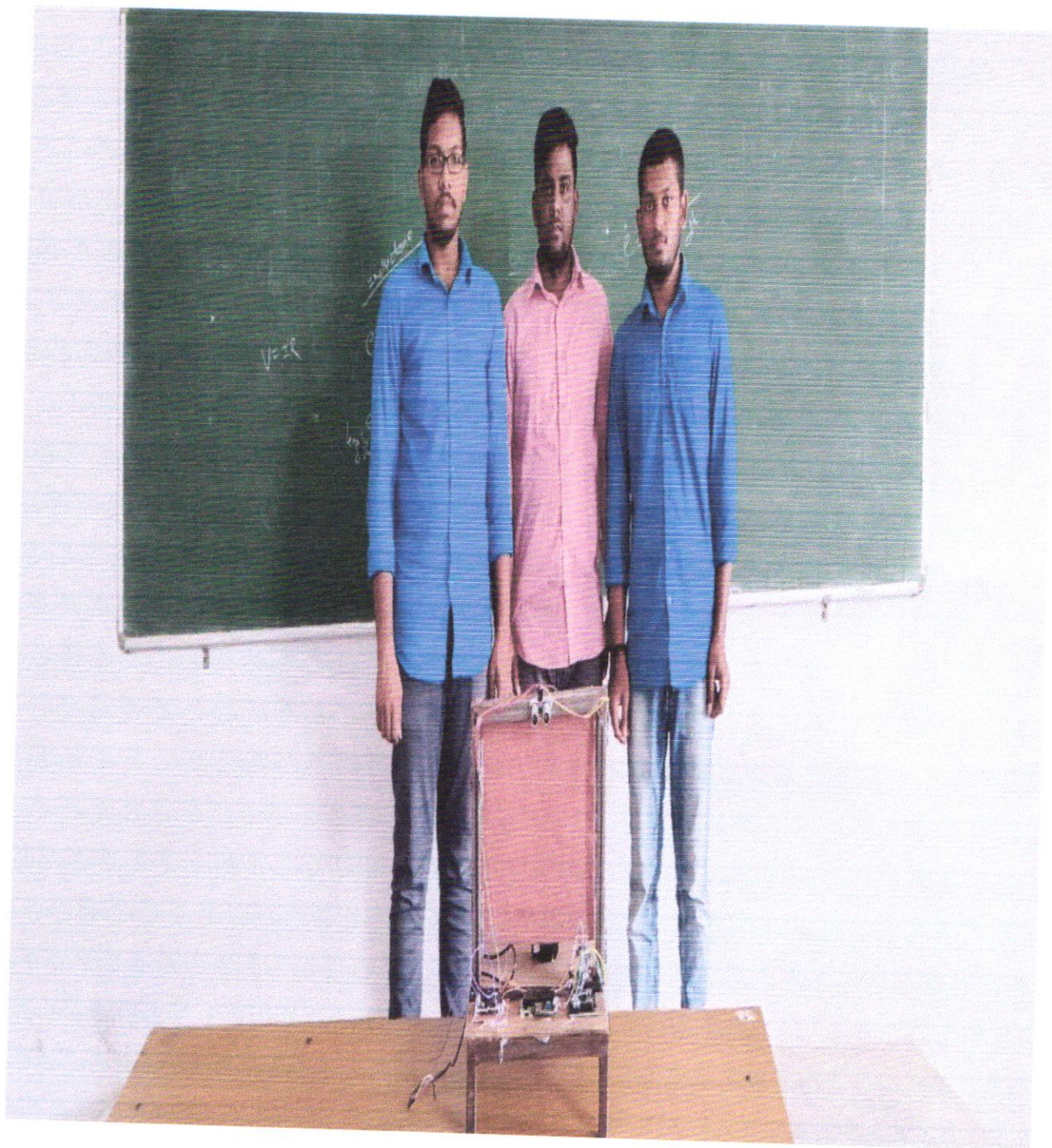
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MECHANICAL DEPARTMENT R&D ACTIVITIES

The following Projects Design and Develop by MECH Department



Automatic Door Opening and Closing System.


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Adriano Based Automatic Paper Cutting Machine.

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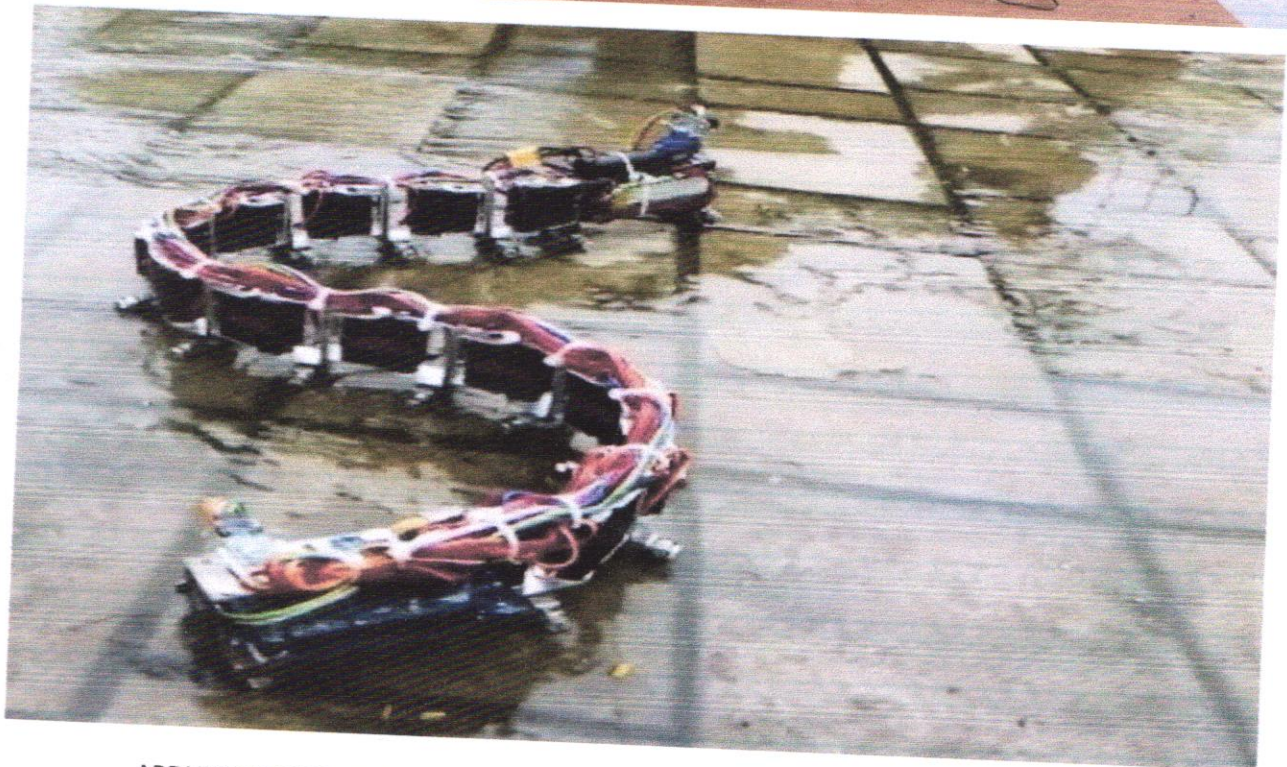
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ARDUINO BASED SNAKE ROBOT CONTROLLED USING ANDROID APPLICATION


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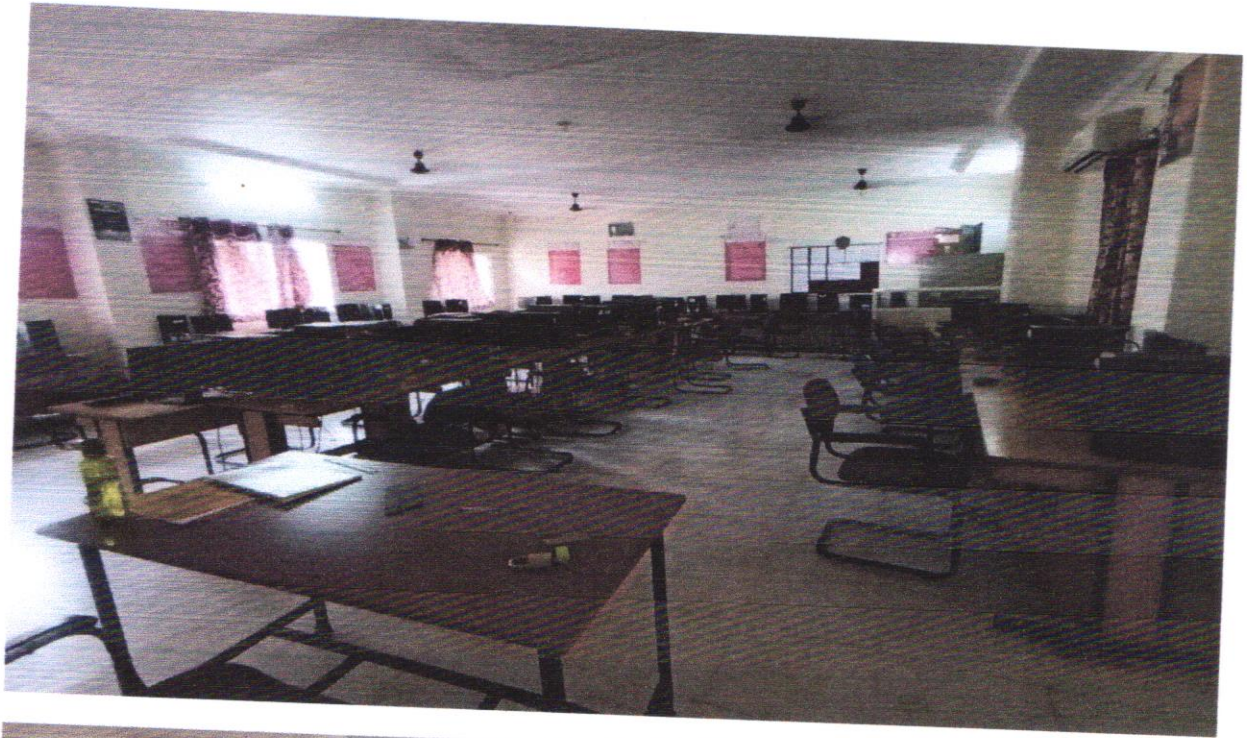
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CSE DEPARTMENT R&D LAB




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EEE DEPARTMENT R&D ACTIVITIES

The following Projects Design and Develop by EEE Department



SMART ENERGY METER SYSTEM USING AURDIN AND GSM MODULE

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Gunthapally (V), Abdullapurmet (Mdl) R.R. Dist