

ESTD :1992

Hyderabad) NAAC

NATIONAL ASSESSION AND

NATIONAL ASSE

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

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

S.No	DESCRIPTION	DETAILS	PAGE. NO
1	Research & Development Cell Minutes Of Meets	2020-21	1-15
2	IOT CLUB	2020-21	16
3	ECE CLUB	2020-21	17
4	SPARK CLUB	2020-21	18
5	IOT CLUB ACTIVITIES	2020-21	19-25
6	SPARK CLUB ACTIVITIES	2020-21	26-28
7	ECE CLUB ACTIVITIES	2020-21	29-31
8	ECE DEPARTMENT R&D LAB	2020-21	32
9	ECE DEPARTMENT R&D ACTIVITIES	2020-21	33-35
10	EEE DEPARTMENT R&D ACTIVITIES	2020-21	36-38
11	MECH DEPARTMENT R&D ACTIVITIES	2020-21	39-41
	PROFESSIONAL BODY MI		39-41
12	The Indian Society For Technical education (ISTE)	LM2037	42
13	The Institution Of Electronics And Telecommunica Engineers (Iete)	G 00415	43
14	G.RAMACHANDRREDDY	ISTE MEMBERAHIP ID LM13814	44
15	S.KISHOREREDDY	ISTE MEMBERAHIP ID LM58400	45
16	E.PRASANNA	ISTE MEMBERAHIP ID LM5936	46
17	S.RAJENDER	ISTE MEMBERAHIP ID LM6107	
18	K.KRANTHI KUMAR	ISTE MEMBERAHIP ID LM5931	48
19	Y RAMESHBABU	ISTE MEMBERAHIP ID LM72364	49
20	G.RAMACHANDRREDDY	IEMEMBERSHIP018027	50
21	G.RAMACHANDRREDDY	KDFMMEMBERSHIP LM034	51
22	S.KISHOREREDDY	IAENG-128215	52

PRINCIPAL & Tech.

Avanthi Institute of Engg. & Tech.

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



(Approved by ATCTE, Recognised by Govt. of Telangona & Affiliated to JNTU, Hyderabad)

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



### 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.	NameoftheFaculty	Designation	Department
1	Dr. G. RAMA CHANDRA REDDY	ChairPerson	MechanicalEngineering
2	Dr. SK SHAKEER BASHA	Institute LevelR&D Coordinator	Computer Science Engineering
3	Dr S KISHORE REDDY	Member	Electronics&CommunicationEn gineering
4	Mr K KRANTHI KUMAR	Member	Electrical&ElectronicsEngineer ing
5	Mr Y RAMESH BABU	Member	MechanicalEngineering
6	Mrs E.PRASANNA	Member	Electrical &Electronics Engineering
7	Mr S RAJENDRA	Member	Computer Science Engineering
8	Dr B NAYEEMA	Member	Master Of Business Adminstritation

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 (Mdl.), R.R. Dist.



(Approved by ATCTE, Recognised by Govt. of Telangona & Affiliated to INTU, Hyderabad)

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

NAAC

NATIONAL ASSESSMENT AND ACCREPATATION COUNCIL

B++ GRADE

Hyderabad, Date: 05-09-2020.

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.

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



(Approved by A I C T E, Recognised by Govt. of Telangona & Affiliated to J N T U, Hyderobad)

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

NAAC

NATIONAL ASSESSMENT AND
ACCREDITATION COUNCIL
B++ GRADE

Lr.No/AVIH/2020

Date: 07-09-2020

#### **CIRCULAR**

It is informed to all the members of R&D Cell to attend the meeting scheduled on 10-09-2020 to discussabout the upcoming R&D activities & student Clubs.

Venue: Conference Hall

Date: 10-09-2020 Time: 2.00 PM

- CALL

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

#### Copy to:

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

Tall

PRINCIPAL

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



(Approved by A I C T E, Recognised by Govt. of Telangono & Affiliated to J N T U, Hyderobad)

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

NAAC

NATIONAL ASSESSMENT AND ACCREPITATION OF CONTROL

B++ GRADE

### MINUTES OF MEETING - R&D

The minutes of the R & D cell meeting held on September 10, 2020, 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	Mr K KRANTHI KUMAR	R&D Coordinator	Electrical &Electronics Engineering
5	Mr Y RAMESH BABU	R&D Coordinator	Mechanical Engineering
6	Mrs E PRASANNA	R&D Coordinator	Electrical &Electronics Engineering
	Mr RAJENDRA	R&D Coordinator	Computer Science Engineering
	Dr B NAYEEMA	R&D Coordinator	Master Of Business Adminstritation

#### **AGENDA**

- To review the previous events and club activities, research 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, Conferences
- If any other point to be discussed with the permission of the chair.

Tall

PRINCIPAL

Avanthi Institute of Engg. & Tech.

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

#### **Meeting Outcome:**

- •The R & D Cell has emphasize the need of Incubation centers in order to inculcate research at student LevelThe R & D Cell has emphasize the need of Incubation centers in order to inculcate research at studentLevel
- 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.
- •All the Department HoD's discussed about their 2020-21 Academic year contributions of faculty and Students regarding research activities.

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

Signature:

2.

3.

4.
 5.

6. (

8 711 5

- Pall

PRINCIPAL

Avanthi Institute of Engg. & Tech.

Gunthepally (V), Abdullapurmet (Mdl.), R.R. Diet.



(Approved by A I C T E, Recognised by Govt. of Telangona & Affiliated to J N T U, Hyderobad)

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



#### 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 frontierTechnologies 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	Mr K KRANTHI KUMAR	Member	Electrical &Electronics Engineering
5	Mr Y RAMESH BABU	Member	Mechanical Engineering
6	Mrs E PRASANNA	Member	Electrical &Electronics Engineering
7	Mr RAJENDRA	Member	Computer Science Engineering
8	Dr B NAYEEMA		MASTER OF BUSINESS ADMINSTRITATION

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.
Guntihapathy (V), Abdullapurnet (Mdl.), R.R. Diet.



(Approved by ATCTE, Recognised by Govt. of Telangona & Affiliated to JNTU, Hyderabad)

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

NAAC

NATIONAL ASSESSMENT AND
ACCREPATION COUNCIL
B++ GRADE

Hyderabad, Date: 06-10-2020.

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

- CAM

PRINCIPAL

Avanthi Institute of Engg. & Tech.

Guntihapally (V), Abdullapurmet (Mdi.), R.R. Dist.



## © 97047 55516 99637 77979

(Approved by A I C T E, Recognised by Govt. of Telangona & Affiliated to J N T U, Hyderabad)

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

Lr.No/AVIH/2020

Date: 08-10-2020

### **CIRCULAR**

It is informed to all the members of R&D Cell to attend the meeting scheduled on 10-10-2020 to discuss about the upcoming R&D activities & student Clubs.

Venue: Conference Hall

Date: 11-10-2020

Time: 2.00 PM

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

#### Copy to:

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



(Approved by A I C T E, Recognised by Govt. of Telangona & Affiliated to J N T U, Hyderabad)

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



### MINUTES OF MEETING - R&D

The minutes of the R &D cell meeting held on October 11, 2020, 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	Mr K KRANTHI KUMAR	R&D Coordinator	Electrical &Electronics Engineering
5	Mr Y RAMESH BABU	R&D Coordinator	Mechanical Engineering
6	Mrs E PRASANNA	R&D Coordinator	Electrical &Electronics Engineering
7	Mr RAJENDRA	R&D Coordinator	Computer Science Engineering
8	Dr B NAYEEMA	R&D Coordinator	MASTER OF BUSINESS ADMINSTRITATION

#### **AGENDA**

- To discuss about the methods to encourage publication of Papers and Books
- To discuss about the on-going and submitted externally funded projects
- 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.
  - To review the previous events and club activities.

PRINCIPAL

Avanthi Institute of Engg. & Tech.

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



(Approved by ATCTE, Recognised by Govt. of Telangona & Affiliated to JNTU, Hyderabad)

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



#### **Meeting Outcome:**

- The R & D Cell has emphasized the need of Incubation centers in order to inculcate research at faculty & student Level.
- 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, expert talk on booming technology regarding telecommunication.
- All the Department HoD's discussed about their 2020-21 Academic year contributions of faculty and Students regarding research activities

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.

3.

5. your

6. Colabe

8 News

Gade

PRINCIPAL

Avanthi Institute of Engg. & Tech

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

ESTD : 1992



### 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 infrontier 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	Mr K KRANTHI KUMAR	Member	Electrical &Electronics Engineering
5	Mr Y RAMESH BABU	Member	Mechanical Engineering
6	Mrs E PRASANNA	Member	Electrical &Electronics Engineering
	Mr S RAJENDRA	Member	Computer Science Engineering
8	Dr B NAYEEMA	Member	MASTER OF BUSINESS ADMINSTRITATION

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.

> Avanthi Institute of Engg. & Tech. Guntihapally (V), Abdullapurmet (Mdl.), R.R. Dist.



### © 97047 55516 99637 77979

(Approved by ATCTE, Recognised by Gavt. of Telangono & Affiliated to INTU, Hyderabad)

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



Hyderabad, Date: 04-12-2020.

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 (Mdl.), R.R. Dist.

12



(Approved by A I C T E, Recognised by Govt. of Telangona & Affiliated to J N T U, Hyderabad)

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

NAAC

NATIONAL ASSESSMENT AND
ACCRESTATION COUNCIL
B++ GRADE

Lr.No/AVIH/2020

Date: 06-12-2020,

#### **CIRCULAR**

It is informed to all the members of R&D Cell to attend the meeting scheduled on 08-12-2020 to discus about the upcoming R&D activities & student Clubs.

Venue: Conference Hall

Date: 08-09-2020

Time: 2.00 PM

Principal

#### Copy to:

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

PRINCIPAL

Avanthi Institute of Engg. & Tech.

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



(Approved by ATCTE, Recognised by Govt. of Telangona & Affiliated to JNTU, Hyderabad)

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



### MINUTES OF MEETING - R&D

The minutes of the R &D cell meeting held on December 08, 2020, 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	Mr K KRANTHI KUMAR	R&D Coordinator	Electrical &Electronics Engineering
5	Mr Y RAMESH BABU	R&D Coordinator	Mechanical Engineering
6	Mrs E PRASANNA	R&D Coordinator	Electrical &Electronics Engineering
7	Mr S RAJENDRA	R&D Coordinator	Computer Science
3	Dr B NAYEEMA	R&D Coordinator	Engineering Master Of Business Adminstritation

#### **AGENDA**

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

Avanthi Institute of Force & Tech.
Grinthepolity (v), Associa

### **Meeting Outcome:**

- All the Department HoD's discussed about their 2020-21 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 Activ0ities 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:

2. =

3.

5. O de

6. Colabo

8 Wix

GARL

PRINCIPAL

Avanthi Institute of Engg. & Tech.

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



(Approved by ATCTE, Recognised by Govt. of Telangona & Affiliated to JNTU, Hyderabad)

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

NAAC

NATIONAL ASSESSMENT AND ACCREDITATION COLNECT.

B++ GR ADE

#### **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:

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

PRINCIPAL

Avanthi Institute of Engg. & Tech.

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



(Approved by ATCTE, Recognised by Govt. of Telangono & Affiliated to INTU, Hyderabad)

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



### ECE CLUB Logo:



#### 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 encourage students towards research objectives.
- To get the students of ECE club placed into the core organizations
- 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.

PRINCIPAL

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

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



#### SPARK CLUB

Logo:



#### About:

ESTO: 1992

The SPARK CLUBis 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 advocate for electrical engineering students' needs to the faculty & department.

#### **Objectives:**

- > 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
- > To enhance the technical innovativeness of our institute students by organizing the workshops and competitions on various technical level 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 gave the initiation to Electronics Club activities.

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

appl



Hyderabad, Date:02-09-2020.

To,

The Principal,

AvanthiInstituteofEngineeringandTechnology,

Hyderabad.

Respected sir

Sub:PermissionlettertoPrincipalforconducting Seminar

Our Club IOT intends to conduct a seminar on "Introduction to' C Programming" in our Institution on06-09-2020. We ask that you allow giving us Classroom to serve as the venue. Itshalllastfor3hours. Kindly give our request a favorable consideration. Thankingyouinanticipation.

Respectfully,

HOD (CSE)

Avanthi Institute of Fong. & Tech.



### © 97047 55516 99637 77979 **ENGINEERING & TECHNOLOGY** (Approved by A I C T E, Recognised by Govt. of Telangona & Affiliated to I N T U, Hyderabad)

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

Lr. No. Circular/AVIH/ 2020

Date: 03-09-2020

### **CIRCULAR**

It is informed to all students and faculty members to attend the seminar on "Introduction to'C'programming" 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: StudentsofCSE-Radhika

Venue: E-Classroom

Date: 06-09-2020

Time: 10:30 AM to 01:30 PM

Avantification of Engg. & Tech. Gunthageth (A) Abdullanumet (Adl.), R.R. Dist.

Copy to:

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



(Approved by A I C T E, Recognised by Govt. of Telangono & Affiliated to J N T U, Hyderobad)

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



**Participants** 

:Facultyandstudents

**Topic** 

:"Introduction to'C'programming"

**Speakers** 

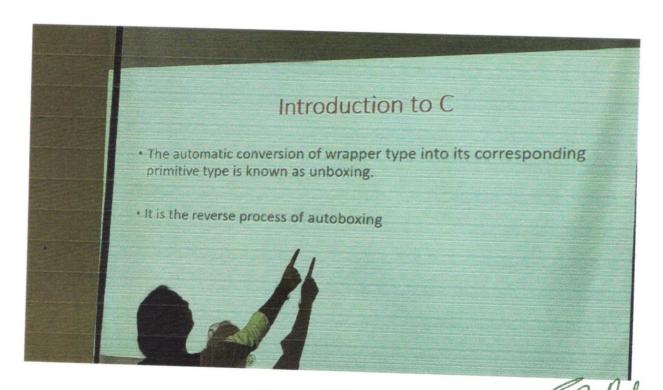
:StudentsofCSE-K. Radhika

DATE

:06-09-2020

### Report onSeminar"Introduction to 'C' programming"

A Seminar was conducted on The Introduction to'C'programming at 10.30AM in E-Classroom. Theseminar was delivered by Students of CSE-K. Radhika. The Seminar was allaboutprogramminglanguages and how 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.



PRINCIPAL

Avanthi Institute of Engg. & Tech.

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



(Approved by A I C T E, Recognised by Govt. of Telangona & Affiliated to 1 N T U, Hyderabad)

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





PRINCIPAL

PRINCIPAL

Avanthi Institute of Engg. & Tech.

Gundhapally (V), Abdullapumet (Mdl.), R.R. Dist.



(Approved by ATCTE, Recognised by Govt. of Telangono & Affiliated to INTU, Hyderabad)

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



Date 14/10/2020,

To,
ThePrincipal,
AvanthiInstituteofEngineeringandTechnology,
Hyderabad.

#### Respected Sir,

Sub:Requestforapprovaltoconductaseminaron"IoT and ts Applications"-reg.

This is to in form you that Club IoT of Department of Computer Science Engineering is planning toorganizea seminar on "IoT and its Applications"-on--2020

ThankingyouSir,

Yours Sincerely

HOD(CSE)

PRINCIPAL

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



### © 97047 55516 99637 77979 **ENGINEERING & TECHNOLOGY**

(Approved by ATCTE, Recognised by Gavt. of Telangono & Affiliated to INTU, Hyderobad)

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

Lr.No.Circular/AIET/2020

Date: 16/10/2020.

#### **CIRCULAR**

It isinformed to all students and faculty members of Dept. of CSE,ECE to attendthe seminar on "IoT and its Applications" organized by the Club IoT, Avanthi Institute of Engineering and Technology.

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

Speakers

:StudentsofECE Dept-RAKESH REDDY

Venue

: E-class room

Date

: 18/09/2021

Time

: 11:30AMto01:30PM

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



(Approved by A I C T E, Recognised by Govt. of Telangana & Affiliated to J N T U, Hyderabad)

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

NAAC

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
B++ GRADE

### Report on Webinar "IoT and its Applications"

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.



PRINCIPAL

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



(Approved by ATCTE, Recognised by Govt. of Telangona & Affiliated to INTU, Hyderabad)

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



Date: 04/11/2020.

To
ThePrincipal
AvanthiInstituteofEngineeringandTechnology
Hyderabad

### Respected Sir,

Sub:Requestforapprovaltoconductawebinaron"solar energy generation "-reg.

This is to in form you that Spark club of Department of Electrical & Electronics Engineering is planning to organizea webinaron"solar energy generation"-on08/11/22020.

ThankingyouSir,

Yours Sincerely HOD(EEE)

PRINCIPAL

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



(Approved by ATCTE, 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
ACCRESITATION COUNCE.
B++ GRADE

Lr.No.Circular/AIET/2020

Date: 05/11/2020.

### **CIRCULAR**

It is informed to all students and faculty members of Dept. of EEE, ECE to attend the seminar on "solar energy generation" organized by the SPARK Club, Acanthi Institute of Engineering and Technology.

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

Speakers

:StudentsofECE Dept- Rakesh

Venue

:ONLINE

Date

: 08/11/22020

Time

: 11:30AMto01:30PM

PrincipalINCIPAL

Avanthi Institute of Engg. & Tech.

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

Epple



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

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



### Report on Webinar "solar energy"

Seminar was delivered by the students of EEE Dept, AIET. The seminar gave good understanding Of the present opportunities that are present in **solar energy generation** and the student acquired knowledge in current **RENEWABLE** research domains and its applications.



PRINCIPAL

Avanthi Institute of Engg. & Tech.

Gunthapally (M, Abdullapumnet (Mdl.), R.R. Dist.



Hyderabad, Date:06-11-2020.

To, The Principal, AvanthiInstituteofEngineeringandTechnology, Hyderabad

Respected sir

Sub:PermissionlettertoPrincipalforconducting Seminar

Our ECE Club intends to conduct a seminar on "DIGITAL SIGNAL PROCESSING"in our Institution on11-11-2020. We ask that you allow giving us Classroom to serve as the venue. Itshalllastfor3hours. Kindly give our request a favorable consideration. Thanking you in anticipation.

Respectfully,

PRINCIPAL

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



(Approved by A I C T E, Recognised by Govt. of Telangona & Affiliated to J N T U, Hyderabad)

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

NAAC

NATIONAL ASSESSMENT AND
ACCREPITATION COLORCE

B++ GRADE

Lr. No.Circular/AVIH/ 2020

Date: 07-11-2020.

#### Circular

It is informed to all students and faculty members to attend the seminar on "DIGITAL SIGNAL PROCESSING" organized by the Dept. of Electronics & Communication Engineering, Avanthi Institute of Engineering and Technology.

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

Speakers: StudentsofECE -SUMAN

Venue: E- Classroom

Date:11-11-2020

Time: 10:30 AM to 01:30 PM

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

Copy to:

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



(Approved by A I C T E, Recognised by Govt. of Telangona & Affiliated to I N T U, Hyderobad)

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



**Participants** 

:Facultyandstudents

**Topic** 

"DIGITAL SIGNAL PROCESSING"

**Speakers** 

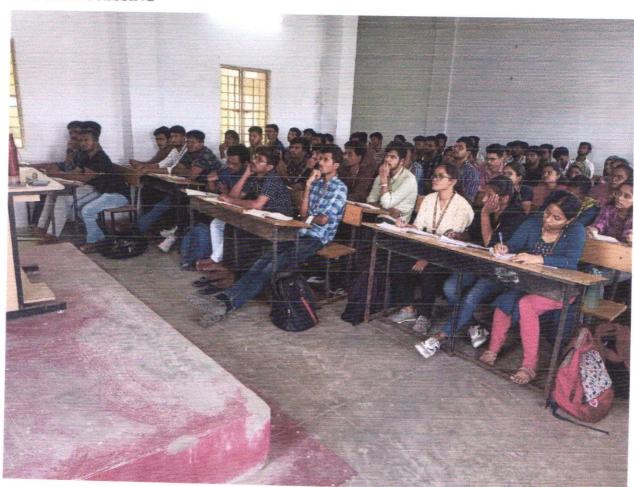
:StudentsofCSE-SUMAN

DATE

:11-11-2020

### Report onSeminar"DIGITAL SIGNAL PROCESSING"

A Seminar was conducted on DIGITAL SIGNAL PROCESSING at 10.30AM in E- Classroom. Theseminar was delivered by Students of ECE-SUMAN. The Seminar was al labout SIGNALPROCESSING



- GRAL

PRINCIPAL

Avanthi Institute of Engg. & Tech.
Gunthapally (M), Abdollant Lat (Mdl.), R.R. Dist

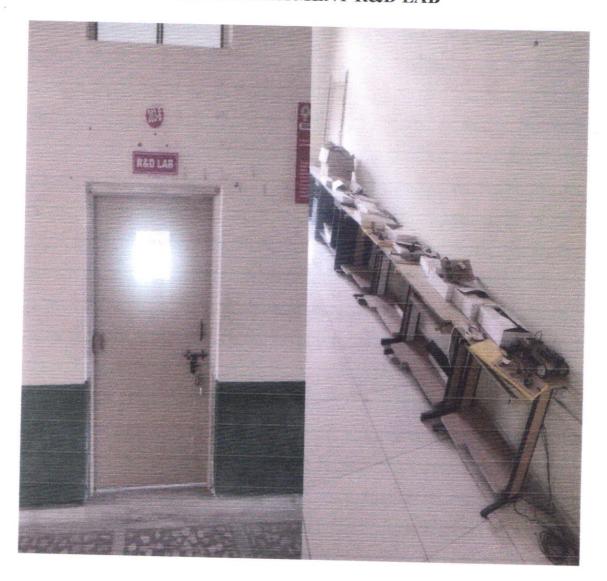


(Approved by A I C T E, Recognised by Govt. of Telangano & Affiliated to J N T U, Hyderabad)

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



### ECE DEPARTMENT R&D LAB



Pall

PRINCIPAL

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



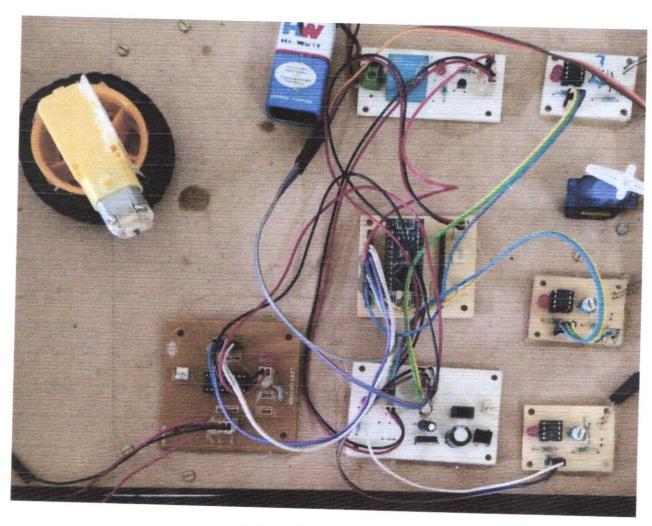
(Approved by ATCTE, Recognised by Govt. of Telangana & Affiliated to INTU, Hyderabad)

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



### ECE DEPARTMENT R&D ACTIVITIES

The following Projects Design and Develop by ECE Department



FIRE FIGHTING ROBOT

PRINCIPAL

Avanthi Institute of Engg. & Tech.

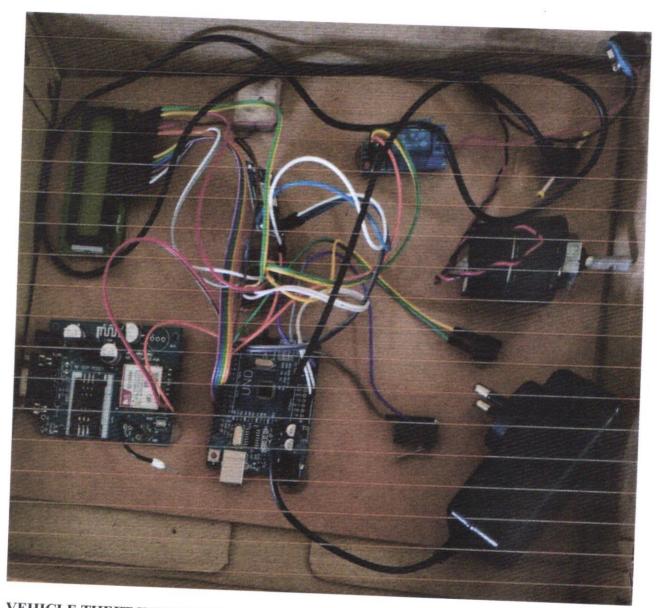
Gunthapathy (M), Abdullapumet (Mdl.), R.R. Dist.



(Approved by A I C T E, Recognised by Gavt. of Telangona & Affiliated to J N T U, Hyderabad)

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





VEHICLE THEFT INTIMATION OVER SMSAND REMOTE CONTROLOFITS ENGINE

PRINCIPAL

Avanthi Institute of Engg. & Tech.

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

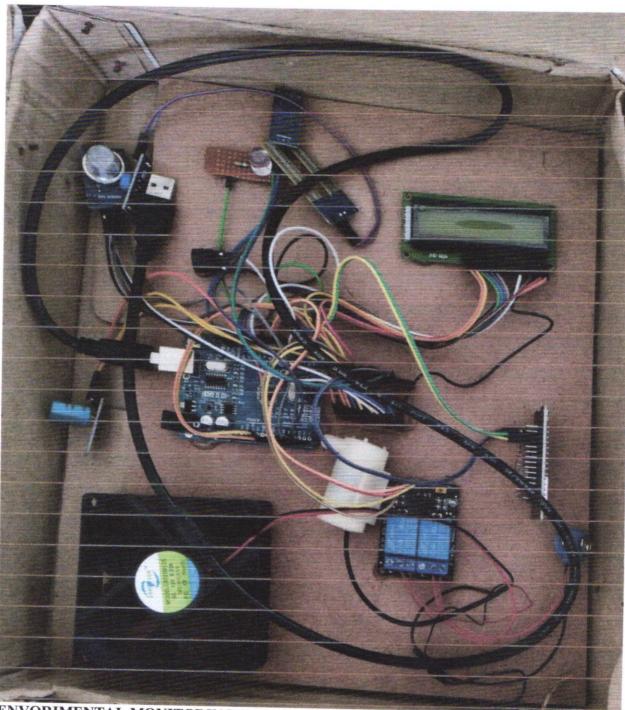


### © 97047 55516 99637 77979

(Approved by A I C T E, Recognised by Gavt. of Telangana & Affiliated to 1 N T U, Hyderabad)

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





ENVORIMENTAL MONITORING USINGA URDINO &IOT WITH ALTERING SYSTEM

PRINCIPAL

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



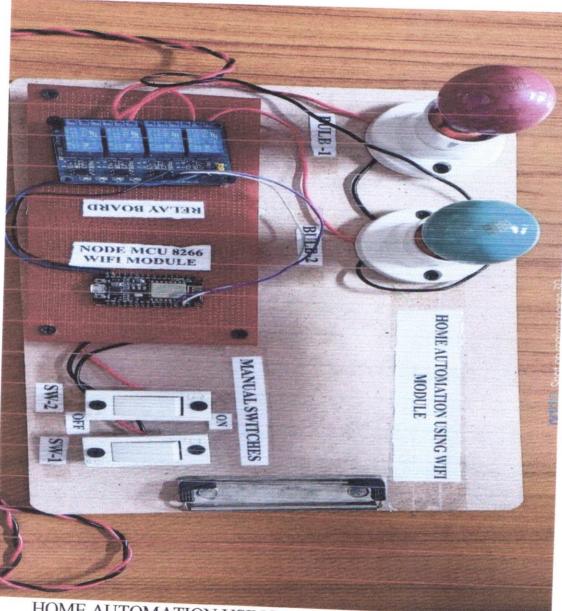
(Approved by A I C T E, Recognised by Gavt. of Telangona & Affiliated to J N T U, Hyderabad)

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



### EEE DEPARTMENT R &D ACTIVITIES

The following Projects Design and Develop by EEE Department



HOME AUTOMATION USING WIFI MODULE

PRINCIPAL

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

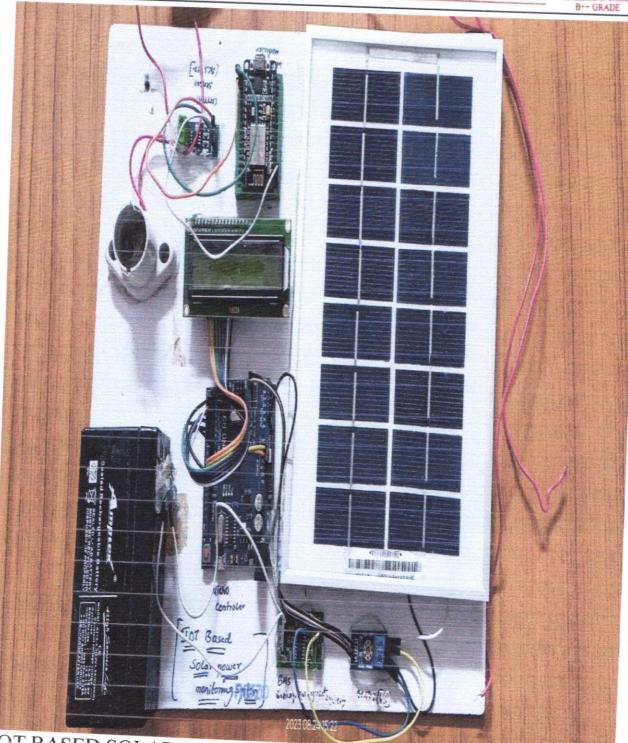


Approved by ATCTE, Recognised by Govt. of Telongona & Affiliated to INTU Hydronical

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

NAAC

NATIONAL ASSESSMENT AND ACCREDITATION COUNCE.
B++ GRADE



IOT BASED SOLAR POWER MONITORING SYSTEM

PRINCIPAL

Avanthi Institute of Engg. & Tech.

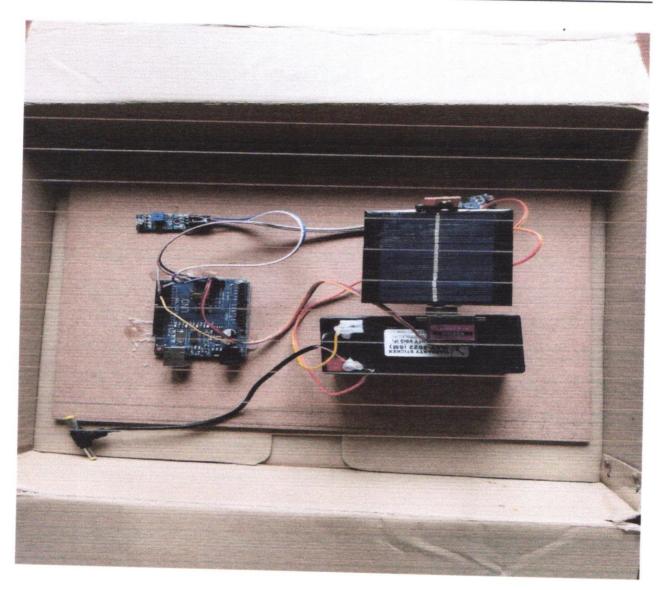
Gunthapally (V), Abdullapurmet (Mdl.), R.R. Dist.



(Approved by A I C T E, Recognised by Gavt. of Telangona & Affiliated to J N T U, Hyderobad)

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





Sun tracking system for solar generation

PRINCIPAL

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



(Approved by ATCTE, Recognised by Gavt. of Telangona & Affiliated to INTU, Hyderabad)

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



### MECHNACIAL DEPARTMENT R &D ACTIVITIES

The Following Projects Design and Develop by MECHANICAL Department



pedal and motor operated water pump

PRINCIPAL

PRINCIPAL

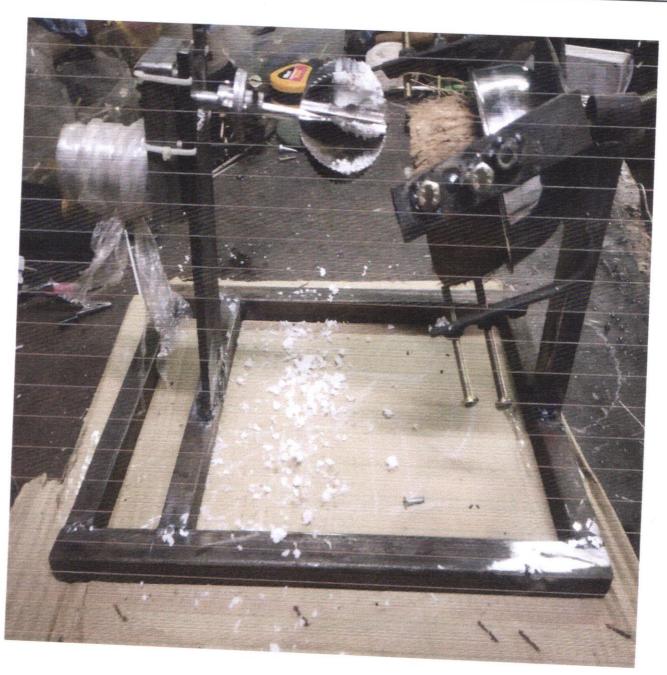
Avanthi Institute of Engg. & Tech.
Gunffhapally (V), Abdullapurmet (Mdl.), R.R. Dist



(Approved by A I C T E, Recognised by Govt. of Telangona & Affiliated to J N T U, Hyderabad)

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





mini coconut scraping machine

PRINCIPAL

Avanthi Institute of Engg. & Tech.

Guntihapally (V), Abdullapumet (Mdl.), R.R. Dist.



## © 97047 55516 99637 77979

(Approved by A FC TE, Recognised by Govt. of Telangona & Affiliated to J N T U, Hyderabad)

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





MULTIPURPOSE WHEEL CHAIR

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

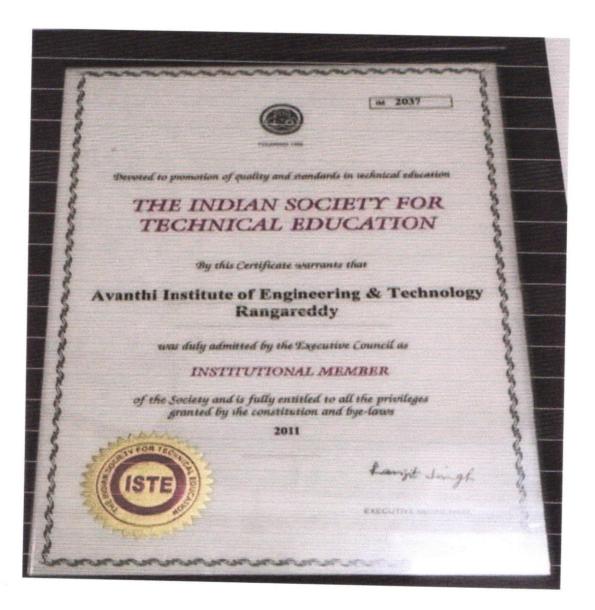


(Approved by ATCTE, Recognised by Govt. of Telangona & Affiliated to JNTU, Hyderabad)

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



### PROFESSIONAL BODY MEMBERSHIPS



all

PRINCIPAL

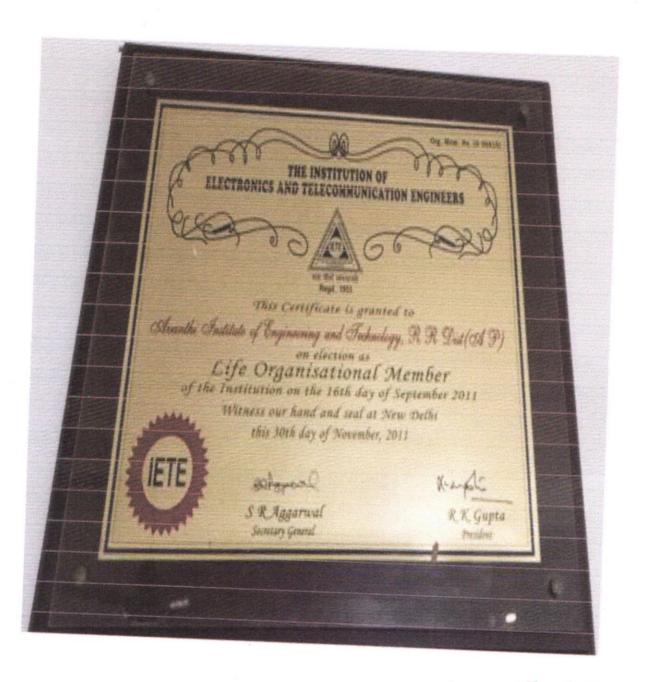
Avanthi Institute of Engg. & Tech.
Gunthapally (V), Abdullapurmet (Mdl.), R.R. Dist.



(Approved by ATCTE, Recognised by Govt. of Telangana & Affiliated to INTU, Hyderabad)

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





PRINCIPAL

Avanthi Institute of Engg. & Tach.
Gunfibenally 00, Abdullapurmet (Mdl.), R.R. Dist.



(Approved by A I C T E, Recognised by Govt. of Telangona & Affiliated to J N T U, Hyderabad)

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





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



EXECUTIVE SECRETARY

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



(Approved by A I C T E, Recognised by Govt. of Telangona & Affiliated to J N T U, Hyderabad)

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





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.



Rampt single EXECUTIVE SECRETARY

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



## © 97047 55516 99637 77979

(Approved by ATCTE, Recognised by Govt. of Telangona & Affiliated to JNTU, Hyderabad)

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





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

EXECUTIVE SECRETARY

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



(Approved by A I C T E, Recognised by Govt. of Telangona & Affiliated to J N T U, Hyderabad)

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





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

SIE S

Rampt ingle
EXECUTIVE SECRETARY

PRINCIPAL

Avanthi Institute of Engg. & Tech.



(Approved by ATCTE, Recognised by Govt. of Telangona & Affiliated to INTU, Hyderabad)

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





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

Romat singly

GARL

PRINCIPAL

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



### © 97047 55516 99637 77979 **ENGINEERING & TECHNOLOGY**

(Approved by ATCTE, Recognised by Govt. of Telangona & Affiliated to INTU, Hyderabad)

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



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

EXECUTIVE SECRETARY

PRINCIPAL Avanthi Institute of Engg. & Tach. Gunthapath (1) Abdullapuranet (Mdl.), R.R. Dist.

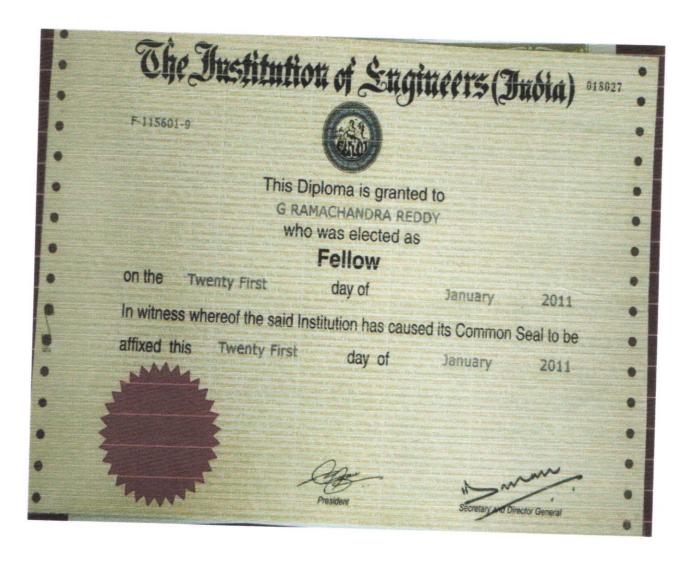


ESTO :1992

© 97047 55516 99637 77979

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





- PRINCIPAL Avanthi Institute of Engg. & Tech. - A State (St.), B P. Dist.

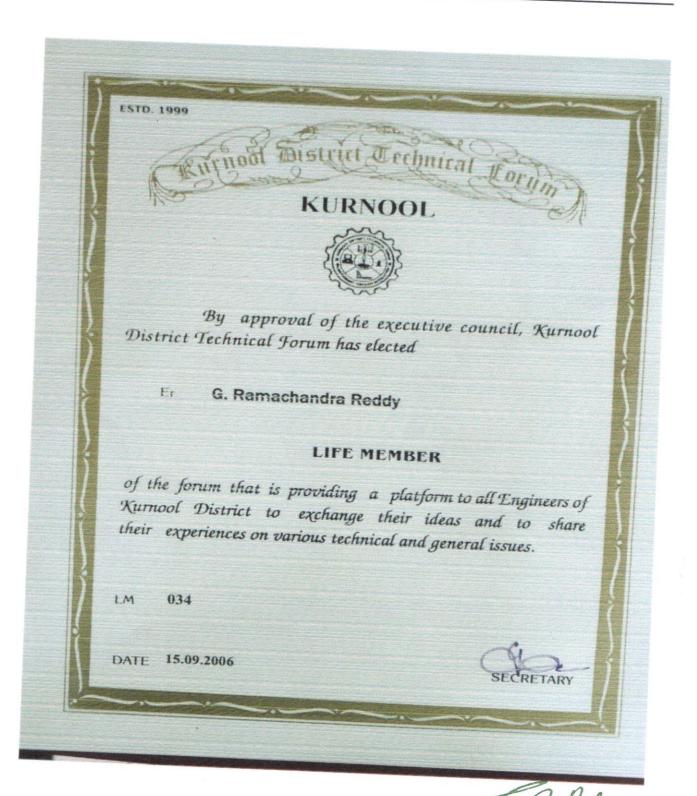


# © 97047 55516 99637 77979

(Approved by A FC TE, Recognised by Govt. of Telangona & Affiliated to J N T U, Hyderabad)

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





51

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



(Approved by ATCTE, Recognised by Govt. of Telangona & Affiliated to INTU, Hyderabad)

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



### IA ENG INTERNAT

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 <a href="http://www.iaeng.org/membership.html">http://www.iaeng.org/membership.html</a>

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



WEBSITE: http://www.iaang.org • EMAIL: info@laang.org • IAENG SECRETARIAT ADDRESS: Unit 1, 1/F, 37-39 Hung To Road, Hong Kong

PRINCIPAL & Tech.

Avanthi Institute of Engg. & Tech.

Gunfilhamos (Midl.), R.R. Dist.