



# AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E., New Delhi, & Permanently Affiliated to J.N.T.U.K., Kakinada)

NAAC B++ Accredited Institute

Cherukupally (Village), Near Tagarapuvalasa Bridge, Bhogapuram (Mandal), Vizianagaram -531162.

[www.aietta.ac.in](http://www.aietta.ac.in), [principal@aietta.ac.in](mailto:principal@aietta.ac.in)

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

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<b>Professional Body Memberships</b>		
1.	ISTE –Institution membership	3
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3.	Dr.V.Adinarayana (ISTE) Life Member	5
4.	Mr.K.Avinash kumar (ISTE) Life Member	6
5.	Mr.Anand Swaroop (ISTE) Life Member	7
6.	Dr.ChandraSekhar IEI Membership	8
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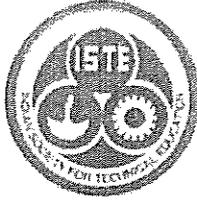
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## ISTE: The Indian Society for Technical Education

The ISTE at our college was started in the year 2018. The faculty, students and management took keen interest in establishing ISTE student chapter. ISTE has been very active in promoting the ideals for which it was embarked. ISTE conducts various co-curricular activities which redress with the changing curriculum and educational processes. It has always tried to improve students technical prowess, and bolster them to put their learning into practice. Every event organized brings opportunities for students to compete with their coevals in healthy spirit and become adept in what they are learning, helping them in accomplishing the ultimate goals of their lives.





FOUNDED 1968

*Devoted to promotion of quality and standards in technical education*

# ***THE INDIAN SOCIETY FOR TECHNICAL EDUCATION***

*By this Certificate warrants that*

***AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY***

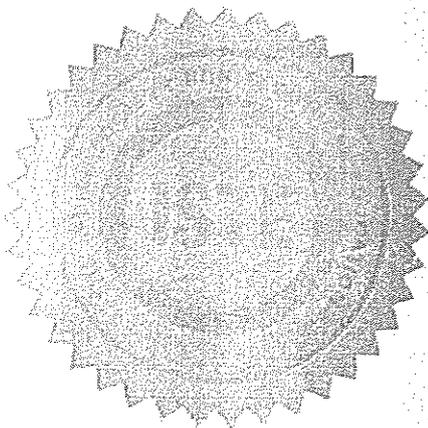
***DIST. VIZIANAGARAM***

*was duly admitted by the Executive Council as*

***INSTITUTIONAL MEMBER***

*of the Society and is fully entitled to all the privileges  
granted by the constitution and bye-laws*

2018



*Wadji*  
EXECUTIVE SECRETARY



LM 132317

FOUNDED 1968

# ***THE INDIAN SOCIETY FOR TECHNICAL EDUCATION***

*By approval of the Executive Council, has admitted*

**GANDI SATYANARAHYANA**

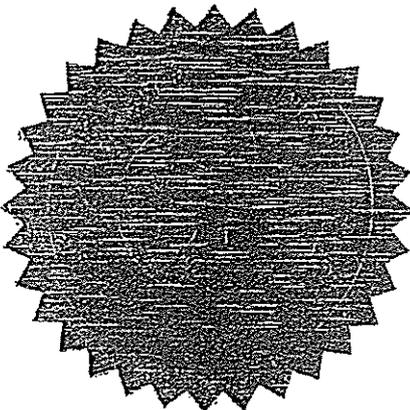
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***LIFE MEMBER***

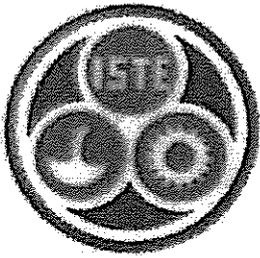
*of the society, an organisation for promoting  
the quality and standards  
in technical education*

2021

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*Waidy*  
EXECUTIVE SECRETARY



# Indian Society for Technical Education

IIT (D) CAMPUS, Katwaria Sarai

Shaheed Jeet Singh Marg, New Delhi-110016

Ph. : 26963431, 26513542, 26514234

Name : V. ADINARAYANA

M.No : LM 50547

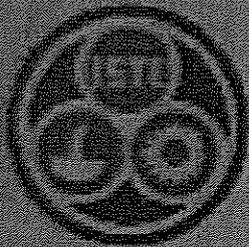
Year : 2006

*Ranjit Singh*

Executive Secretary

## LIFE MEMBERSHIP CARD

CS Scanned with CamScanner



# Indian Society for Technical Education

IIT (D) CAMPUS, Katwaria Sarai  
Shaheed Jeeb Singh Marg, New Delhi-110016  
Ph. : 26963431, 26513542, 2654234



**Name: K. AVINASH KUMAR**

**M. No.: LM 110883**

**Year: 2016**

Executive Secretary

## LIFE MEMBERSHIP CARD



FOUNDED 1968

LM 58821

# *THE INDIAN SOCIETY FOR TECHNICAL EDUCATION*

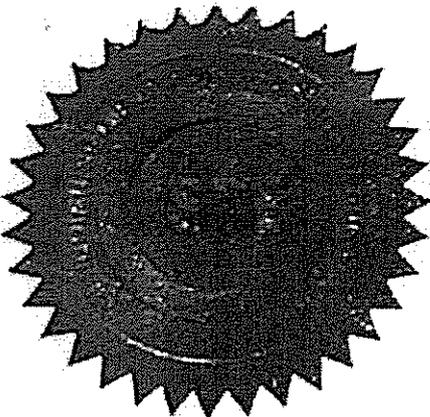
*By approval of the Executive Council, has admitted*

~~**BURRA ANAND SWAROOP**~~

**LIFE MEMBER**

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

~~2008~~



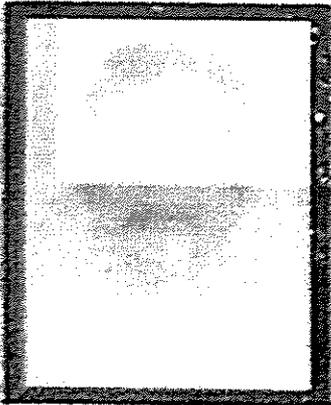
*Ranjit Singh*  
EXECUTIVE SECRETARY



# The Institution of Engineers (India)

(Established 1920, Incorporated by Royal Charter 1935)

8 Gokhale Road, Kolkata 700 020



**DR CHANDRA SEKHAR AKULA**

**MEMBER**

**M-153329-5**

**FLAT NO 403**

**JAGVEER VEGI GARDENS**

**KRM COLONY H B COLONY**

**VISAKHAPATNAM**

**530022**

**ANDHRA PRADESH**

**Date of Birth 05/06/1976**

A handwritten signature in black ink, appearing to be 'NA'.

*Cardholder's Signature*

A handwritten signature in black ink, appearing to be 'S. S. S. S.'.

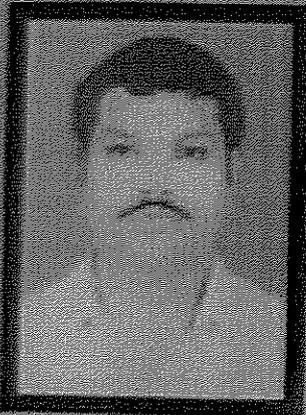
*Secretary & Director General*



# The Institution of Engineers (India)

(Established 1920, Incorporated by Royal Charter 1935)

8 Gokhale Road, Kolkata 700 020



**DR AVINASH BEN BEERA**

**MEMBER**

**M-154274-5**

**D NO 65-6-320 MGD HOUSING COLONY  
OPP HANUMAN TEMPLE  
GAJUWAKA DEPOT  
VISA KHAPATNAM  
530026  
ANDHRA PRADESH**

Cardholder's Signature

Date of Birth 07/04/1980

Secretary & Director General

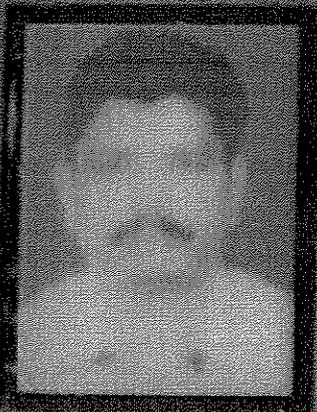


# The Institution of Engineers (India)

(Established 1920, incorporated by Royal Charter 1936)

5 Gokhale Road, Kolkata 700 020

## MEMBER



M-157192-2

MR M RAGHAVA RAO

H NO 55 - 41 - 112 S V R BUILDERS

AMBEDHKAR NAGAR

SEETHANMADHARA

VISAKHAPATNAM

530013

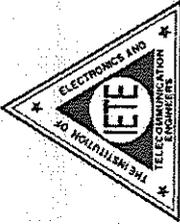
ANDHRA PRADESH

Date of Birth 15/07/1952

Cardholder's Signature

Secretary & Director General

THE INSTITUTION OF  
ELECTRONICS AND TELECOMMUNICATION ENGINEERS



सह वीर्यं कर्तव्यम्

Regd. 1953

This Certificate is granted to

Dr. Anirash Kumar

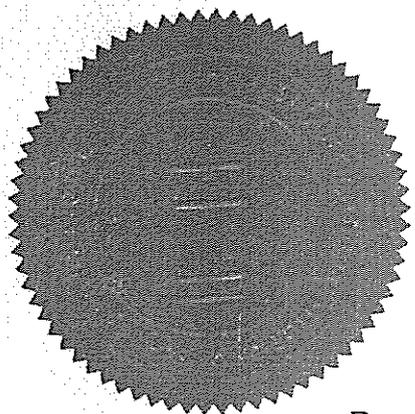
on election as

**Member**

of the Institution on the 29<sup>th</sup> day of July 2014

Witness our hand and seal at New Delhi

this 12<sup>th</sup> day of Sept. 2014



[Signature] President

[Signature] Secretary General

This Certificate is the property of the Institution



## Eurasia Research

[www.eurasiaresearch.org](http://www.eurasiaresearch.org)

**MEMBERSHIP LETTER  
(To Whom It May Concern)**

15-Apr-2020

**Name of Member:** Gandhi Satyanarayana  
**Affiliation:** Ns Raju Institute of Technology, Visakhapatnam, India  
**Membership ID:** TERA-M110473  
**Membership Category:** Life Time  
**Name of Association:** Teaching and Education Research Association (TERA)

This letter is to certify that the above mentioned person is the life-time member of this scholarly association.

We hope that the member will contribute ideas, experience and knowledge for the growth of this association.

Sincerely Yours,  
Dr. F. Charles  
Conference Secretariat,  
[www.eurasiaresearch.org](http://www.eurasiaresearch.org)  
Email: [convener@eurasiaresearch.info](mailto:convener@eurasiaresearch.info)





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## **IIC: Institute of Innovation Council**

The Avanthi Institute of Engineering & Technology has started the Innovation and Startup Policy for Students and Faculty. The goals of the Institution's Innovation Council (IIC) of AIETare being met through this policy. The AIET established the IIC with two goals in mind:

- 1) To encourage young technocrats, faculty, and staff to think creatively about innovative engineering solutions and to translate those solutions into working prototypes and eventually into commercial products
- 2) To identify and nurture potential entrepreneurs among students, faculty, and staff.

### **Our Objective:**

One of the primary facets of the Institution's strategy is the promotion and growth of entrepreneurship. The institution has commissioned the Institution's Innovation Council (IIC). The IIC is led by the Principal who understands industry and business, is well understood by higher authorities, and has the necessary dedication. The IIC is constantly led by top-tier panel members from a variety of government and private research organizations and sectors. The IIC is made up of professionals from various faculties who plan, coordinate, and carry out specified objectives as well as draw out associated performance metrics.

In our college, we began this IIC in 2018 and have surely engaged in active involvement, which has further inspired students to learn new things and discover their interests.





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## IIC COMMITTEE

S.NO	ROLE	NAME	BRANCH
1.	President	Dr.S.N.V.Ganesh	EEE
2.	Start up Activity Coordinator	B.Pradeep Kumar	Mech
3.	Internship Activity Coordinator	R.Venkatesh	Civil
4.	Innovation Activity Coordinator	B.Anand Swaroop	EEE
5.	IPR Activity Coordinator	P.Dinesh Chandra	CSE
6.	Convenor	A.M.Venkat Praveen	Mech
7.	ARIIA Coordinator	DVS Praveen	CSE
8.	Social Media,NIRF Coordinator	A.Arjun Rao	EEE





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## EXTERNAL COMMITTEE MEMBERS

S.NO	ROLE	NAME	ORGANIZATION	MEMBER
1.	Member	Dr.K.C.B.Rao	JNTUV	Expert from nearby Industry/Industry Association/Ecosystem Enabler
2.	Vice-President	Dr.R.Rajeswar Rao	JNTUV	Patent Expert
3.	Member	Dr.Hafeez Basha	Ashoka Institute of Engg & Tech,Hyd	Incubation Centre
4.	Member	Dr.K.Murali Krishna	ANITS	Expert from nearby Industry/Industry Association/Ecosystem Enabler

  
Coordinator



  
Principal

PRINCIPAL  
AVANTHI INSTITUTE OF ENGG. & TECH.  
Cherukupally (V), Near Tagarapuvalasa Bridge  
Bhogapuram (M), Vizianagaram (D)-531162



# CERTIFICATE OF ESTABLISHMENT

This is to certify that

**Avanathi Institute of Engineering Technology, BHOGAPURAM**

has established an Institution's Innovation Council () in the campus as per the norms of Innovation Cell, Ministry of Education, Govt. of India during the academic calendar year 2018-19

Prof. Anil D. Sahasrabudhe  
Chairman  
AICTE

Shri. R. Subrahmanyam  
Secretary  
Ministry of Education

Dr. Abhay Jere  
Chief Innovation Officer  
Ministry of Education's Innovation Cell

Certificate No: 1719

Aishe Code: C-17993

Date: 23-08-2019



Ministry of Education  
Government of India



MoE's  
INNOVATION CELL  
(GOVERNMENT OF INDIA)



INSTITUTION'S  
INNOVATION  
COUNCIL  
Ministry of Education Initiative



# CERTIFICATE

Institution Innovation Council (IIC) established at

Avanathi Institute of Engineering Technology, BHOGAPURAM

had undertaken various activities prescribed by Innovation Cell, Ministry of Education, Govt. of India to promote Innovation and Start-up in campus during the IIC calendar year 2019-20.

Prof. Anil D. Sahasrabudhe  
Chairman, AICTE

Sh. Amit Khare  
Secretary, Department of Higher Education, MOE

Dr. Abhay Jere  
CIO, MOE, Innovation Cell

Certificate No : 1719

Issued On : 2020-09-22



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## RESEARCH & DEVELOPMENT CELL

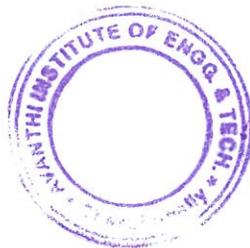
Avanthi Institute of Engineering & Technology has established important scientific industrial R&D operations with the purpose and mission of pursuing and promoting research in frontier technologies as well as various engineering disciplines.

AIET 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. S.N.V. GANESH	Principal	Electrical & Electronics Engineering
2	Dr. AVINASH BEN	Institute Level R&D Coordinator	Mechanical Engineering
3	Mr. I .SANTOSH	R&D Coordinator	Civil Engineering
4	Mr. A. ARJUN RAO	R&D Coordinator	Electrical & Electronics Engineering
5	Ms. M. L. SRAMIKA	R&D Coordinator	Mechanical Engineering
6	Mr. S . SIVA BHASKAR RAO	R&D Coordinator	Electronics & Communication Engineering
7	Mr. P. DINESH CHANDRA	R&D Coordinator	Computer Science Engineering

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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## Importance of student clubs:

Every year, the institution organizes a number of events. Students' clubs provide a venue for interaction among themselves and with events from the outside world. They can be official or casual, but they bring out the enthusiasm in young people and help them develop their organizational skills. The clubs provide a nice balance of work, enjoyment, and leisure activities, ensuring students' overall growth.

The following are the student clubs which were setup during the academic year 2020-2021.

S. No.	Name of the Club	Department	Faculty Advisor	Student Coordinator
1	Club IoT	CSE	Mr. Y. Ramesh Kumar	P. Nikhil
2	Crexta Club	ECE	Mr. K. Avinash Kumar	P. Priya
3	Builder's Club	Civil	Mr. R. Venkatesh	C. Suchitra
4	Spark	EEE	Mr. B. Anand Swaroop	M. Gopi
5	Mecha Morphis	Mech	Mr. V. Saran Tej	B. Karthik





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[www.aietta.ac.in](http://www.aietta.ac.in), [principal@aietta.ac.in](mailto:principal@aietta.ac.in)

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## CLUB IOT

### 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 Club IoT is a resource for the most recent information on the Internet of Things.

### Objectives:

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





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Cherukupally,  
05-08-2020.

To  
The Principal,  
Avanthi Institute of Engineering and Technology,  
Cherukupally,  
Vizianagaram.

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 07-08-2020.

Thanking you Sir,

Yours Sincerely  
HOD (CSE)

Head of the Department  
Computer Science and Engineering  
AVANTHI INSTITUTE OF ENGG. & TECH.  
Cherukupally (V), Chittivalasa (SAC)  
Bhogapuram (M), Vizianagaram (D)-531162





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[www.aietta.ac.in](http://www.aietta.ac.in), [principal@aietta.ac.in](mailto:principal@aietta.ac.in)

Lr. No. Circular/AIET/ 2020

Date: 06-08-2020

## CIRCULAR

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

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

The link to the webinar will be shared in the groups shortly.

Speakers : Students of CSE Dept-R.Gayatri & Reddi Lovaraju

Venue : Google Meet

Date : 07-08-2020

Time : 11:30 AM to 01:30 PM

Copy to:

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



  
Principal

**PRINCIPAL**  
**AVANTHI INSTITUTE OF ENGG. & TECH.**  
Cherukupally (V), Near Tagarapuvalasa Bridge  
Bhogapuram (M), Vizianagaram (D)-531162



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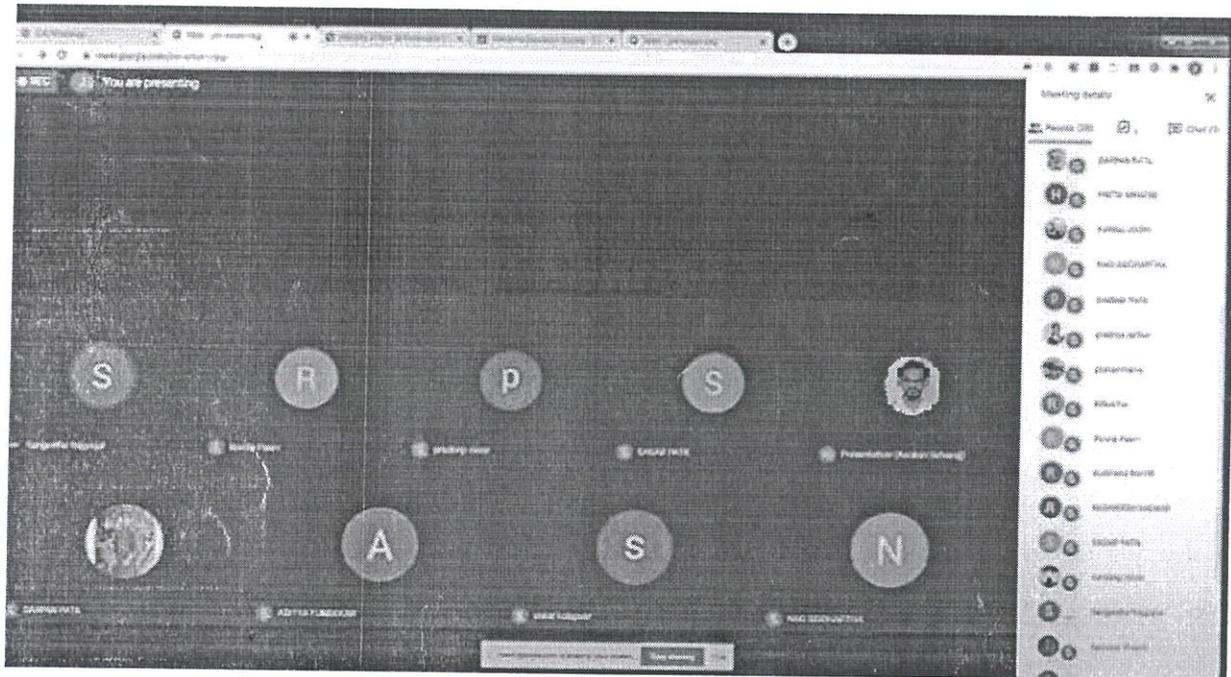
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**Participants** : Faculty and students  
**Topic** : “Awareness Program on IoT”  
**Speaker** : Students of CSE Dept-R.Gayatri & Reddi Lovaraju

## Report on Webinar “One day Awareness Program on IoT”

A Webinar has conducted on “Awareness Program on IoT” at 11:30 AM in Google Meet. The 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



Lecture delivering by the students of CSE

This webinar has imposed many features of IOT and also its present applications. He also gave many real time examples and its applications and also many home usage IOT devices and its advantages in our day-to-day life. Finally, the session came to an end by clarifying participants doubts. Participants were motivated towards the Research.



HOD (CSE)

Head of the Department  
Computer Science and Engineering  
AVANTHI INSTITUTE OF ENGG. & TECH  
Cherukupally (V), Chittivalasa (S&M)  
Bhogapuram (M), Vizianagaram (D)



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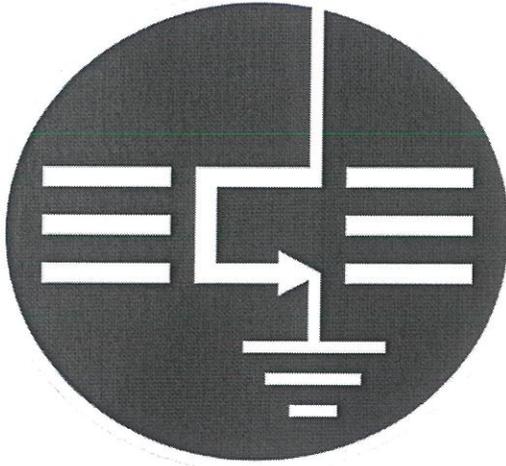
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[www.aietta.ac.in](http://www.aietta.ac.in), [principal@aietta.ac.in](mailto:principal@aietta.ac.in)

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## CREXTA 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, Crexta 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 Crexta club placed into the core organizations





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[www.aietta.ac.in](http://www.aietta.ac.in), [principal@aietta.ac.in](mailto:principal@aietta.ac.in)

Cherukupally,  
05-08-2020.

To,  
The Principal,  
Avanthi Institute of Engineering and Technology,  
Cherukupally,  
Vizianagaram.

**Respected Sir,**

**Sub:** Request for approval to conduct a webinar on "Trends and Challenges on SOC Design"-reg.

This is to inform you that Crexta Club of Department of Electronics and Communication Engineering is planning to conduct a webinar on "Trends and Challenges on SOC Design "-on 07-08-2020.

Thanking you Sir,



Yours Sincerely  
HOD (ECE)

**Head of the Department  
Electronics & Communication Engineering  
AVANTHI INSTITUTE OF ENGG & TECH  
Cherukupally (VIII),  
VIZIANAGARAM.**



# AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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[www.aietta.ac.in](http://www.aietta.ac.in), [principal@aietta.ac.in](mailto:principal@aietta.ac.in)

Lr. No. Circular/AIET/ 2020

Date: 06-08-2020

## CIRCULAR

It is informed to all students and faculty members of Dept. of ECE to attend the seminar on **Trends and Challenges on SOC Design**” organised by Crexta Club, Avanthi Institute of Engineering and Technology.

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

The link to the webinar will be shared in the groups shortly.

Speakers : Students of ECE - Priya .P & P. Adinarayana  
Venue : Google Meet  
Date : 07-08-2020  
Time : 02:30 PM to 04:30 PM



Principal

PRINCIPAL

AVANTHI INSTITUTE OF ENGG. & TECH.

Cherukupally (V), Near Tagarapuvalasa Bridge

Bhogapuram (M), Vizianagaram (D)-531162

Copy to:

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



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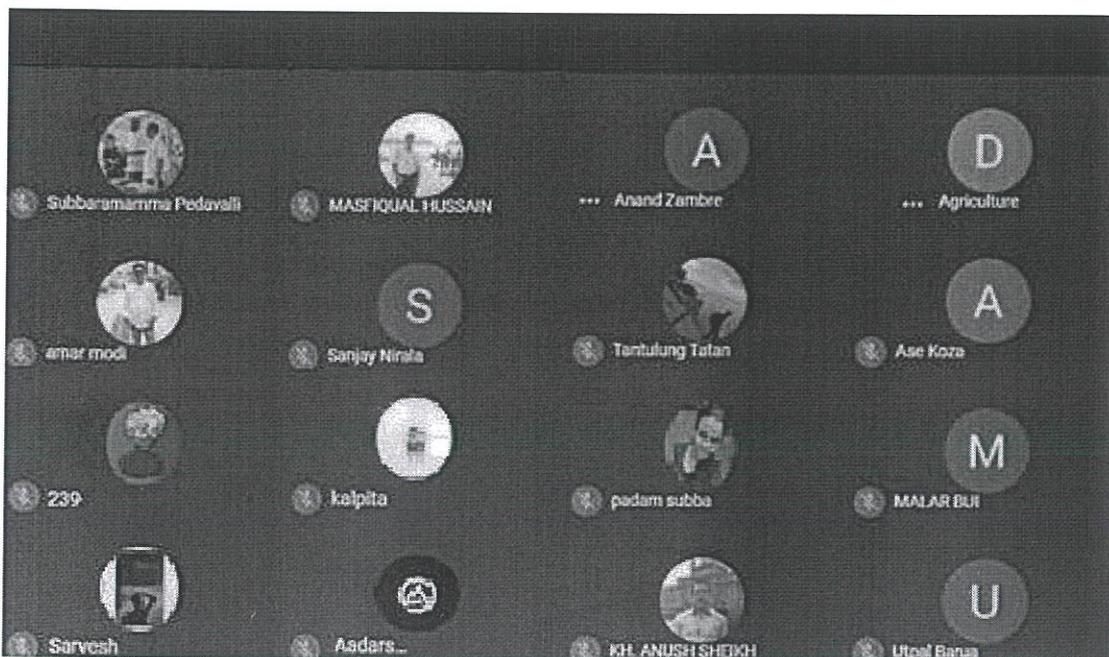
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www.aietta.ac.in, [principal@aietta.ac.in](mailto:principal@aietta.ac.in)

**Participants** : Students  
**Topic** : “Trends and Challenges on SOC Design”  
**Speakers** : Students of ECE -Priya .P & P. Adinarayana

## Report on Webinar “Trends and Challenges on SOC Design”

A Webinar has conducted on Trends and Challenges on SOC Design at 02:30 PM in Google Meet. The seminar was delivered by the students of ECE, AIET.



### Lecture delivering by the Students of ECE

The webinar has imposed many features of VLSI and also its present applications. He has explained about system on chip testing and how it can be used for VLSI Designs, and he also explained the core level testing for the soc designs and the challenges that would occur while testing. The Students has acquired knowledge regarding the VLSI system on chip testing and the challenges.

Finally, the session came to an end by clarifying participants doubts. Participants were motivated towards the Research



  
**Head of the Department**  
**Electronics & Communication Engineering**  
AVANTHI INSTITUTE OF ENGG. & TECH  
Cherukupally (Vill), Bhogapuram (Mandal),  
VIZIANAGARAM (Dist)



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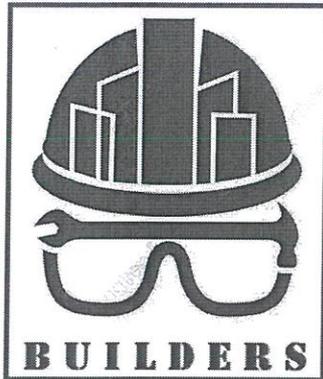
Cherukupally (Village), Near Tagarapavalasa Bridge, Bhogapuram (Mandal), Vizianagaram -531162.

[www.aietta.ac.in](http://www.aietta.ac.in), [principal@aietta.ac.in](mailto:principal@aietta.ac.in)

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## BUILDERS' CLUB

### Logo:



### About:

To bring in incredible innovation for the benefit of society at large through the Civil Engineering domain, such as innovative buildings, innovative building materials, innovative bridges, green buildings, green pavement, and so on, this will serve the community and improve the nation. This Club in the Department of Civil Engineering was formed with the sole purpose of harnessing the creative potential of Civil Engineering students in order for them to become more professional in engineering as a career in the future and serve the nation.

### Objectives:

- To develop students' leadership and creative abilities.
- To establish a forum for boosting industrial ties.
- To organize seminars to produce sought-after young graduates.
- To raise public awareness about environmental protection and the necessity of sustainable construction.
- To identify business prospects in sustainable construction.
- To create innovative waste management solutions.





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www.aietta.ac.in, [principal@aietta.ac.in](mailto:principal@aietta.ac.in)

Cherukupally,  
15-03-2021.

To,  
The Principal,  
Avanthi Institute of Engineering and Technology,  
Cherukupally,  
Vizianagaram.

Respected Sir,

**Sub:** Request for approval to conduct a webinar on "**Low Cost Housing**"-reg.

This is to inform you that Builder's Club of Department of Civil Engineering is planning to organize a webinar on "**Low Cost Housing**"-on 16-03-2021.

Thanking you Sir,



Yours Sincerely

HOD (CIVIL)  
Head of the Department

Civil Engineering

AVANTHI INSTITUTE OF ENGG. & TECH.

Cherukupally (V), Chittivalasa (SAO)

Bhogapuram (Mandal), Vizianagaram (D)-531162



# AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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www.aietta.ac.in, [principal@aietta.ac.in](mailto:principal@aietta.ac.in)

Lr. No. Circular/AIET/ 2021

Date: 16-03-2021

## CIRCULAR

It is informed to all students and faculty members of Department of Civil Engineering to attend the webinar on “**Low Cost Housing**” organised by Builder’s Club, Avanathi Institute of Engineering and Technology.

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

The link to the webinar will be shared in the groups shortly.

Speaker : Students of Civil Dept-Ch.Suchitra & J.Krishna  
Venue : Google Meet  
Date : 16-03-2021  
Time : 10:30 AM to 12:30 PM



Principal

PRINCIPAL

AVANTHI INSTITUTE OF ENGG. & TECH.

Cherukupally (V), Near Tagarapuvalasa Bridge,  
Bhogapuram (M), Vizianagaram (D)-531162

Copy to:

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



# AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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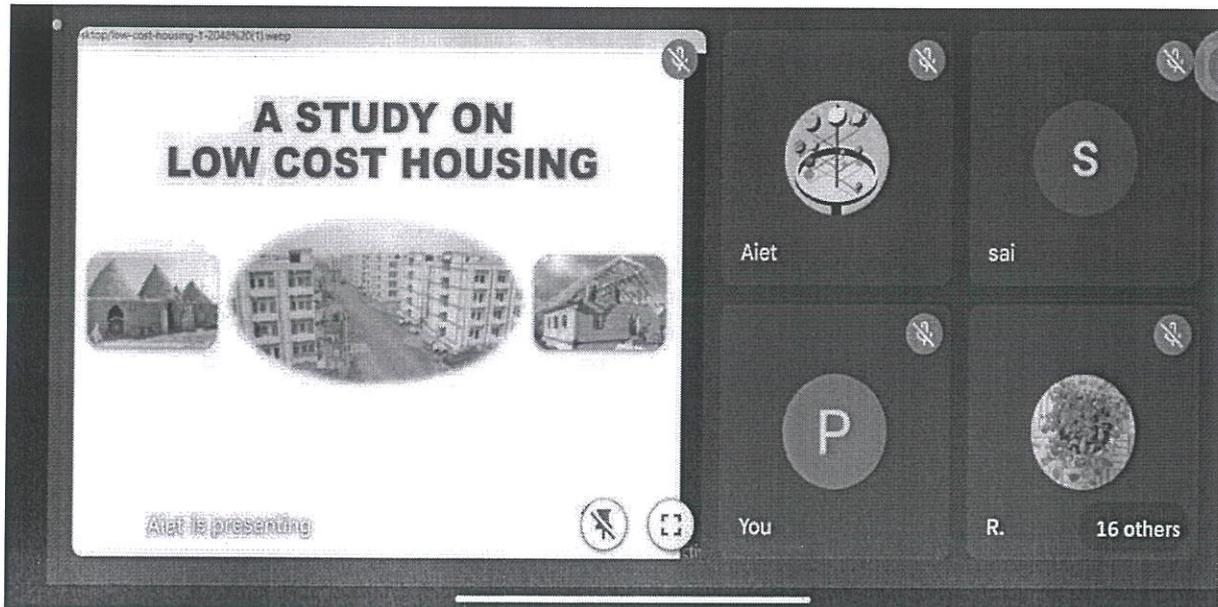
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[www.aietta.ac.in](http://www.aietta.ac.in), [principal@aietta.ac.in](mailto:principal@aietta.ac.in)

<b>Participants</b>	: Faculty and students
<b>Topic</b>	: “Low Cost Housing”
<b>Speakers</b>	: Students of Civil Dept-Ch.Suchitra & J.Krishna

## Report on Webinar “Low Cost Housing”

A Webinar has conducted on Low Cost Housing at 10.30 AM in Google Meet. The webinar was delivered by Students of Civil Dept, AIET. The main motto of the session was to bring in the surge of interest for innovative materials in low cost housing. The session was very helpful for the students to get ideas on the new materials that are being used for the construction of low-cost housing. The students also learnt about new innovative materials and techniques for construction which led to research and curiosity among the young minds.



### Lecture delivering by the Students of Civil Dept

Finally, the session came to an end by clarifying participants doubts. Participants were motivated towards the Low Cost House Construction.



HOD (Civil)  
Head of the Department  
Civil Engineering  
AVANTHI INSTITUTE OF ENGG. & TECH.  
Cherukupally (V), Chittivalasa (SAC)  
Bhogapuram (M), Vizianagaram (D)-531162



# AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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## SPARK

### Logo:



### About:

The SPARK 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 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.
- 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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[www.aietta.ac.in](http://www.aietta.ac.in), [principal@aietta.ac.in](mailto:principal@aietta.ac.in)

Cherukupally,

05-01-2021.

To,  
The Principal,  
Avanthi Institute of Engineering and Technology,  
Cherukupally,  
Vizianagaram.

Respected Sir,

**Sub: Request for approval to conduct a webinar on "Electromagnetic Braking System using Ultrasonic Sensor"-reg.**

This is to inform you that Spark, a student club of Department of Electrical and Electronics Engineering is planning to conduct a webinar on "Electromagnetic Braking System using Ultrasonic Sensor"- on 07-01-2021.

Thanking you Sir,



Yours Sincerely  
HOD (EEE)

Head of The Department  
Department of Electrical and Electronics Engineering  
Avanthi Institute of Engg. & Tech.  
Cherukupally (V), Chittivalasa (SAO)  
Bhogapuram (M), Vizianagaram(Dist)-531162



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www.aietta.ac.in, [principal@aietta.ac.in](mailto:principal@aietta.ac.in)

Lr. No. Circular/AIET/ 2021

Date: 06-01-2021

## CIRCULAR

It is informed to all students and faculty members of Dept. of EEE to attend the webinar on “Electromagnetic Braking System using Ultrasonic Sensor” organised by the Spark a student club, Avanthi Institute of Engineering and Technology.

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

The link to the webinar will be shared in the groups shortly.

Speakers : Students of EEE Dept-M.Gopi & P.Prakash  
Venue : Google Meet  
Date : 07-01-2021  
Time : 11:30 AM to 01:30 PM

Copy to:

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



  
Principal

PRINCIPAL  
AVANTHI INSTITUTE OF ENGG. & TECH.  
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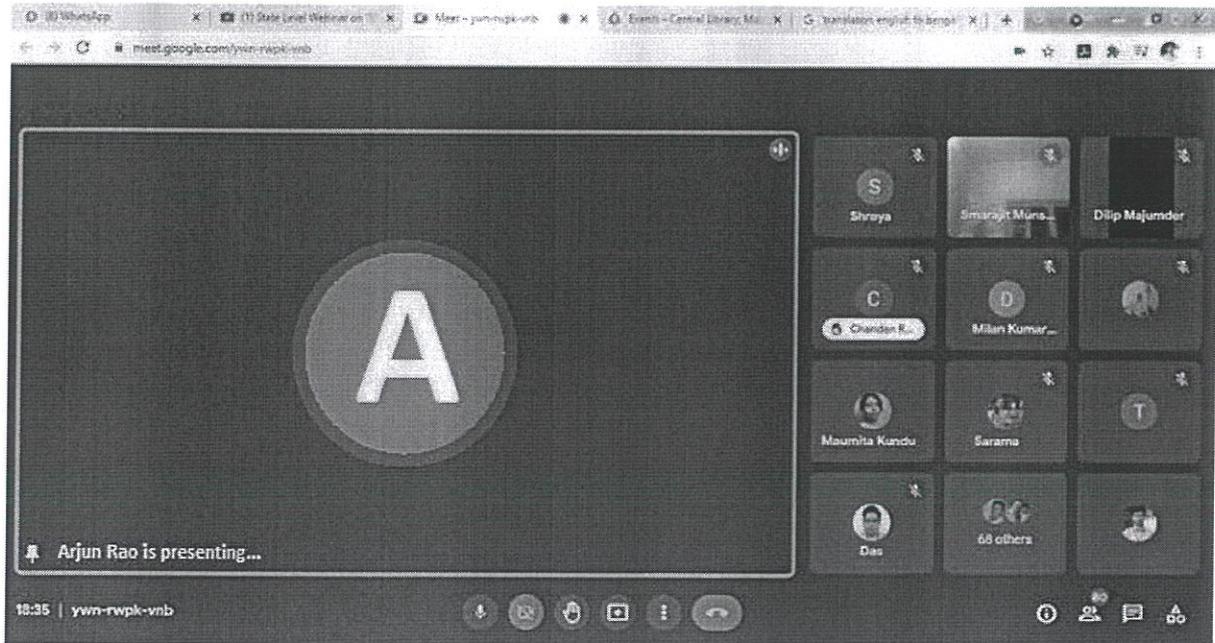
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[www.aietta.ac.in](http://www.aietta.ac.in), [principal@aietta.ac.in](mailto:principal@aietta.ac.in)

**Participants** : Faculty and students  
**Topic** : “Electromagnetic Braking System using Ultrasonic Sensor”  
**Speakers** : Students of EEE Dept-M.Gopi & P.Prakash

## Report on Webinar “Electromagnetic Braking System using Ultrasonic Sensor”

A Webinar was conducted on **Electromagnetic Braking System using Ultrasonic Sensor** at 11.30AM in Google Meet. The seminar was delivered by the Students of EEE Dept, AIET.



### Lecture delivering by the students of EEE Dept, AIET

The Speaker has explained how we can place the braking system with the Ultrasonic Sensor and also shown real-time applications of this braking system in the vehicles. He also explained how we can embed both electromagnetic energy with ultrasonic sensor. The Students has acquired the knowledge and has shown much interest during the session.

Finally, the session came to an end by clarifying participants doubts. Participants were motivated towards the Research.



*[Signature]*  
HOD (EEE)

Head of The Department  
Department of Electrical and Electronics Engineering  
Avanthi Institute of Engg. & Tech.  
Cherukupally (V), Chittivalasa (SAO)  
Bhogapuram (M), Vizianagaram(Dist)-531163



# AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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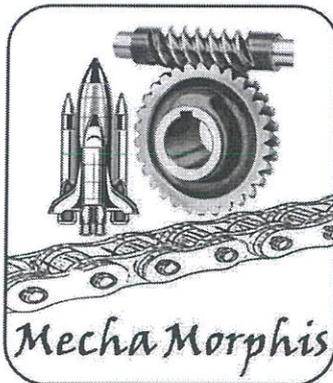
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## MECHA MORPHIS

### Logo:



### About:

The mechanical engineering students' clubs, Mecha Morphis, of the AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY strives to play a significant role in the development of students as engineers through a variety of extracurricular and extra-curricular activities. Mecha Morphis seeks to instill in its members a knowledge and respect of not only Mechanical Engineering but also other Branches. Mecha Morphis seeks to be a platform for all AIET students in general, and especially for ME students, through its activities. Mecha Morphis aspires to be an active club within AIET's ME department that supports their career interests.

### Objectives:

- To organize academic events with the goal of developing members' knowledge and experience in many areas of Mechanical Engineering.
- To organize recreational and social activities among members in order to build camaraderie and allow for the exchange of ideas in a relaxed setting.
- Represent mechanical engineering students' interests before the department and the institution.
- To encourage members' friendship, cooperation, and interaction.
- To serve as a communication channel between members and the mechanical engineering department.





# AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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[www.aietta.ac.in](http://www.aietta.ac.in), [principal@aietta.ac.in](mailto:principal@aietta.ac.in)

Cherukupally,  
05-04-2021.

To,  
The Principal,  
Avanthi Institute of Engineering and Technology,  
Cherukupally,  
Vizianagaram.

Respected Sir,

**Sub:** Request for approval to conduct a webinar on "Advances in Mechanical Engineering"-reg.

This is to inform you that the Mecha Morphis of Department of Mechanical Engineering is planning to organize a seminar on "**Advances in Mechanical Engineering**"-on 07-04-2021.

Thanking you Sir,

Yours Sincerely

HOD (MECH)

Head of the Department  
Mechanical Engineering  
AVANTHI INSTITUTE OF ENGG & TECH  
Cherukupally (V), Chittivalasa (DAO),  
Bhogapuram (M), Vizianagaram(D), 531162





# AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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[www.aietta.ac.in](http://www.aietta.ac.in), [principal@aietta.ac.in](mailto:principal@aietta.ac.in)

Lr. No. Circular/AIET/ 2021

Date: 06-04-2021

## CIRCULAR

It is informed to all students and faculty members of Mechanical Engineering to attend the webinar on “**Advances in Mechanical Engineering**” organised by Mecha Morphis, Avanathi Institute of Engineering and Technology.

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

The link to the webinar will be shared in the groups shortly.

Speaker : Students of Mech Dept-D.Raju & G.Vishwanadham  
Venue : Google Meet  
Date : 07-04-2021  
Time : 10:30 AM to 01:30 PM

Copy to:

1. Principal Office
2. Director-HR
3. Mecha Morphis Club



*Principal*  
Principal  
AVANTHI INSTITUTE OF ENGG. & TECH.  
Cherukupally (V), Near Tagarapuvalasa Bridge  
Bhogapuram (M), Vizianagaram (D)-531162



# AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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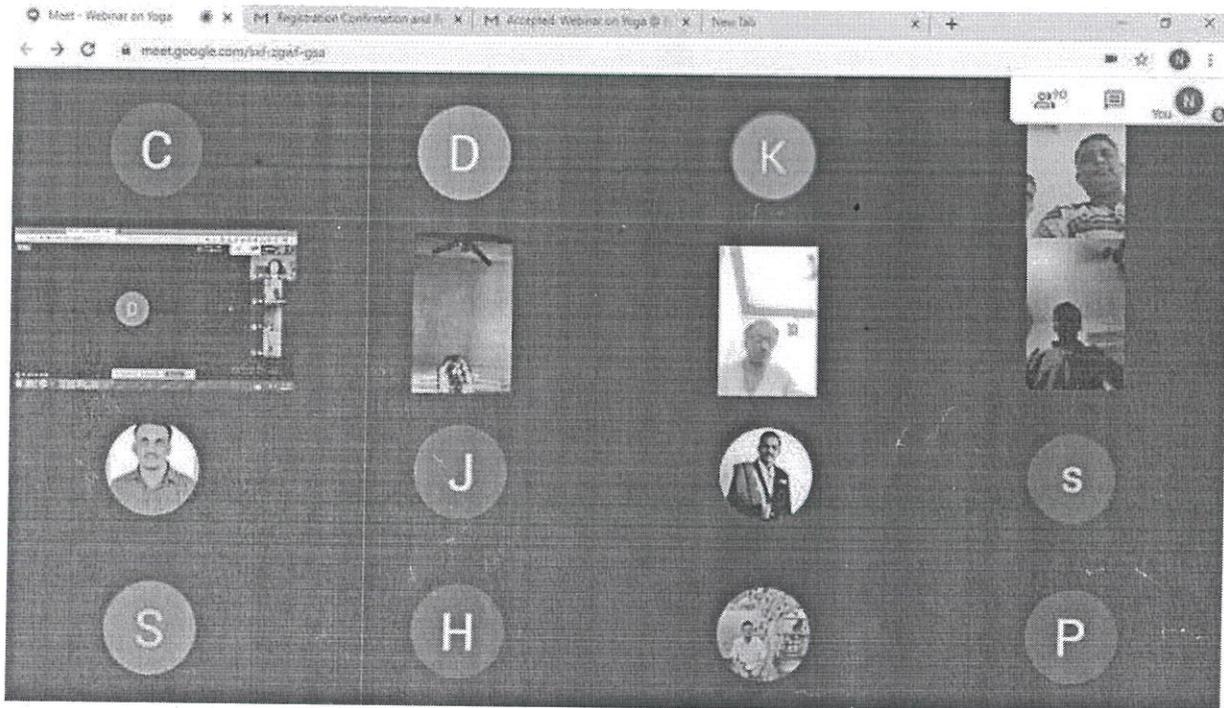
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[www.aietta.ac.in](http://www.aietta.ac.in), [principal@aietta.ac.in](mailto:principal@aietta.ac.in)

**Participants** : Faculty and students  
**Topic** : “Advances in Mechanical Engineering”  
**Speaker** : Students of Mech Dept-D.Raju & G.Vishwanadham  
**Report on Webinar “Advances in Mechanical Engineering”**

A Webinar was conducted on **Advances in Mechanical Engineering** at 10.30AM in Google Meet. The seminar was delivered by the Students of Mech Dept, AIET.



**Lecture delivering by the students of Mech Dept, AIET**

The Speaker has explained the advancements of the mechanical engineering in the present scenario. She also urged the students to develop in technical skills regarding mechanical engineering. She also explained present scenarios of how the technical skill was developed in automobile industry and she also given real-time applications which made the students to acquire the knowledge regarding the advancements in mechanical engineering and the students has shown much interest during the session.

Finally, the session came to an end by clarifying participants doubts. Participants were motivated.



*[Signature]*  
HOD (MECH)  
Head of the Department  
Mechanical Engineering  
AVANTHI INSTITUTE OF ENGG & TECH  
Cherukupally (V), Chittivalasa (SAO),  
Bhogapuram (M), Vizianagaram(D), 531162