



# Indra Ganesan

## COLLEGE OF ENGINEERING

Madurai Main Road (NH-45B), Manikandam, Tiruchirappalli - 620 012  
Approved by AICTE, NewDelhi & Affiliated to Anna University, Chennai  
NAAC Accredited, 2(F) Status Institution by UGC



## Department of Mechanical Engineering Academic Year-2021-22

Date: 30.08.2021

### Department Circular

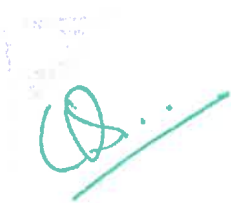
Department of Mechanical Engineering in Association with IQAC of IGCE Are Going to Organize Two Days Research Methodology workshop on "Scope of Internet of Things (IoT) in the Mechanical World" For All III and IV Year Students of Mechanical On 01.09.2021 to 02.09.2021. Certificates will be issued to all Participants At the end of the Course.

<b>Resource Person</b>	<b>Mr. Ramachandran.N</b> <b>AP/Sri Krishna College of Engineering</b>
<b>Venue</b>	<b>Online Mode:</b> <b>GMeet Link: <a href="https://meet.google.com/dmd-awwn-uhh">https://meet.google.com/dmd-awwn-uhh</a></b>

  
**HOD Mech**

- Principal Office
- IQAC coordinator
- Class In charges - III & IV-Year
- III & IV-Year MECH Students
- Mechanical Faculties Room
- Notice Board
- Office File

  
**Principal**


  
**Dr. G. Balakrishnan, M.E., Ph.D.,**  
Principal  
Indra Ganesan College of Engineering  
IG Valley, Madurai Main Road  
Manikandam, Trichy-620 012.



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Accredited by NAAC with B+ Grade



## Department of Mechanical Engineering

### Two days Research Methodology on Workshop "Scope of Internet of Things (IoT) in the Mechanical World"

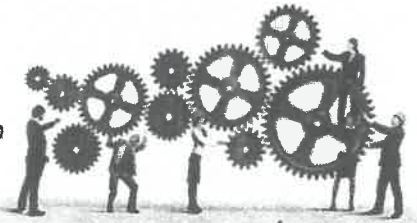


#### Resource Person

**Mr. N. Ramachandran** M.E., (Ph.D)

Assistant Professor

*Sri Krishna College of Engineering  
and Technology, Coimbatore*



Join with Us on



GOOGLE  
MEET

Outside  
Participants

DATE: 01.09.2021 to  
02.09.2021  
TIME: 10.00am to 4.30pm

Note:

1. No Registration Fee
2. E-Certificate will be provided for all the active participants

Registration Link

<https://meet.google.com/dkg-kdvf-uvv>

#### Shri T. Ganesan

Chairman, Indra Ganesan Group of Institutions  
Will preside over the function  
in the esteemed presence of

**Mr. R. Ramesh Babu**  
HOD / Mech

**Dr. G. Balakrishnan**  
Director,  
Indra Ganesan Group of Institutions

**Dr. S. Bharathi Raja**  
Principal, IGCE

**Er. G. Rajasekaran**  
Secretary  
Indra Ganesan Group of Institutions

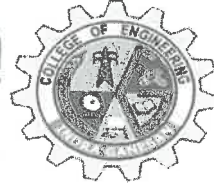
*Dr. G. Balakrishnan, M.E., Ph.D.,  
Principal  
Indra Ganesan College of Engineering  
IG Valley, Madurai Main Road  
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### AGENDA

- ❖ **DATE: 01.09.2021 & 02.09.2021 (10.00 AM TO 1.00PM)**
- ❖ **10.00 AM-10.05AM PRAYER SONG, TAMIL THAAI VAAZHTHU.**
- ❖ **10.05AM-10.15PM WELCOME ADDRESS BY HOD/MECH.**
- ❖ **10.15AM-10.20AM SPEECH BY HOD/MECH**
- ❖ **10.20AM- 10.30AM INTRODUCTION TO GUEST**
- ❖ **10.30AM – 11.30AM WORKSHOP ON ADDITIVE MANUFACTURING**
- ❖ **11.30AM-11.45AM TEA BREAK**
- ❖ **11.45AM-12.45PM APPLICATION OF WORLD**
- ❖ **12.45PM-2.00PM LUNCH**
- ❖ **2.00PM TO 3.15 PM HAND ON TRAINING**
- ❖ **3.15PM TO 3.30PM TEA BREAK**
- ❖ **3.30PM- 3.50PM FEED BACK**
- ❖ **3.50PM TO 4.00PM VOTE OF THANKS**

**Dr. G. Balakrishnan, M.E., Ph.D.,**  
Principal  
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**Department of Mechanical Engineering**  
**Academic Year-2021-22**  
**Two Days Research Methodology Workshop**  
**on**  
**” Scope of Internet of Things (IoT) in the Mechanical World ”**

### STUDENTS NAME LIST

R.No.	Register Number	Student's Name	Year/Branch	Online Mode Attendance
1	811219114001	Aathilingam V	IV Year/Mech	<i>Present</i>
2	811219114002	Abimanyu C	IV Year/Mech	<i>Present</i>
3	811219114003	Ajay S	IV Year/Mech	<i>Present</i>
4	811219114004	Christy Lourthu Samy A	IV Year/Mech	<i>Present</i>
5	811219114006	Periyasamy P	IV Year/Mech	<i>Present</i>
6	811219114008	Saravanakumar V	IV Year/Mech	<i>Present</i>
7	811219114010	Siriyac Selva A	IV Year/Mech	<i>Present</i>
8	811219114011	Suriyaganesh M	IV Year/Mech	<i>Present</i>
9	811219114012	Vaithyalingam M	IV Year/Mech	<i>Present</i>
10	811219114013	Vikash R	IV Year/Mech	<i>Present</i>
11	811219114301	Hariharan R	IV Year/Mech	<i>Present</i>
12	811219114302	Mohanraj G	IV Year/Mech	<i>Present</i>
13	811219114303	Sivash	IV Year/Mech	<i>Present</i>
14	811219114701	Gokul R	IV Year/Mech	<i>Present</i>
15	811219114702	Madhan Murugan S	IV Year/Mech	<i>Present</i>

**Dr. G. Balakrishnan, M.E., Ph.D.,**  
Principal

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R.No.	Register Number	Student's Name	Year/Branch	
16	811219114703	Muthu Karuppan M	IV Year/Mech	<i>Present</i>
17	811219114704	Inigo Rithish P	IV Year/Mech	<i>Present</i>
18	811220114001	Abinesh A S	III Year	<i>Present</i>
19	811220114003	Anbarasan M	III Year	<i>Present</i>
20	811220114005	Arunkumar M	III Year	<i>Present</i>
21	811220114008	Balamurugan R	III Year	<i>Present</i>
22	811220114013	Dhanushraja P	III Year	<i>Present</i>
23	811220114015	Durai Pandi A	III Year	<i>Present</i>
24	811220114017	Hariharan M	III Year	<i>Present</i>
25	811220114020	Kanishkavardhini S	III Year	<i>Present</i>
26	811220114025	Kishor kumar D	III Year	<i>Present</i>
27	811220114026	Loganathan C	III Year	<i>Present</i>
28	811220114028	Manikandan S	III Year	<i>Present</i>
29	811220114032	Mohamed Ashif A	III Year	<i>Present</i>
30	811220114039	Sanjay Kumar M	III Year	<i>Present</i>
31	811220114040	Santhosh Kumar R	III Year	<i>Present</i>
32	811220114042	Saranya Sree T R	III Year	<i>Present</i>
33	811220114043	Saravanan M	III Year	<i>Present</i>
34	811220114044	Sathishkumar V	III Year	<i>Present</i>
35	811220114047	Sheik Ameer M	III Year	<i>Present</i>
36	811220114052	Thamaraiselvan K	III Year	<i>Present</i>

Dr. G. Balakrishnan, M.Sc., Ph.D.

Principal

Indra Ganesan College of Engineering

IG Valley, Madurai Main Road

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R.No.	Register Number	Student's Name	Year/Branch	Online Mode Attendance
37	811220114056	Vigneswaran K	III Year	<i>Present</i>
38	811220114057	Vijaya kumar G	III Year	<i>Present</i>
39	811220114060	Yuvaraja A	III Year	<i>Present</i>
40	811220114302	Chella pandian R	III Year	<i>Present</i>
41	811220114303	Jeeva Ganesh SJ	III Year	<i>Present</i>
42	811220114304	Kabilan P	III Year	<i>Present</i>
43	811220114305	Mohammed Nafil A	III Year	<i>Present</i>
44	811220114306	Ruban A	III Year	<i>Present</i>

  
RM Co ordinator

  
Dr. G. Balakrishnan, M.E., Ph.D.,  
Principal  
Indra Ganesan College of Engineering  
IG Valley, Madurai Main Road  
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HoD/Mech



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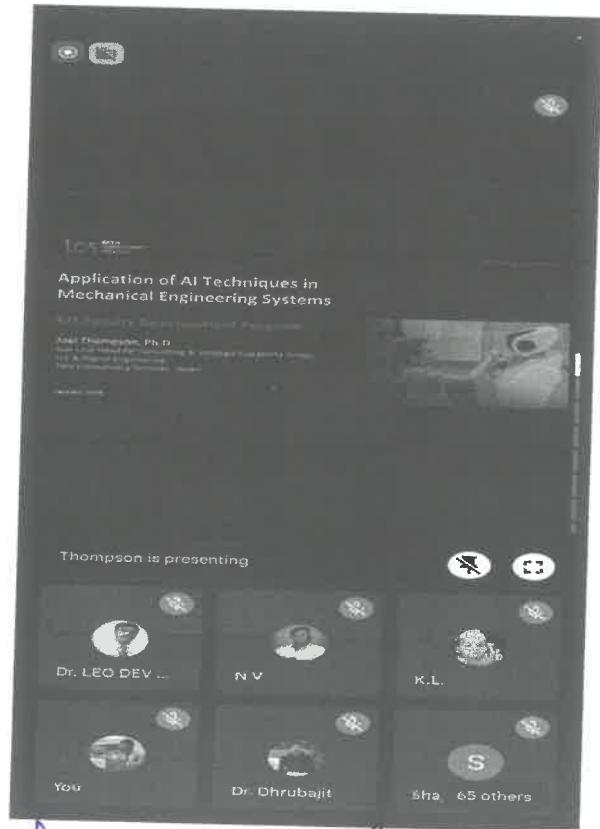
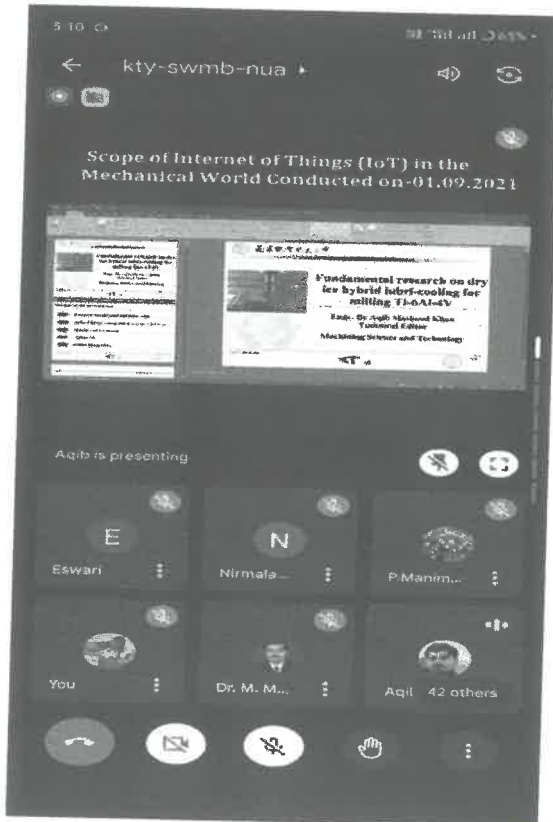
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### Sample Photos of Two Days Research Methodology Workshop

Title:	Scope of Internet of Things (IoT) in the Mechanical World		
Resource Person:	Mr. N Ramachandran AP/Sri Krishna College of Engineering		
Date of conduct from :	01.09.2021	To:	02.09.2021
		Duration:	4 Hours
Organized Department :	Mechanical Engineering		
Participant Year:	3, 4	No. of Students Registered :	44
Venue:	Online Mode:GMeet Link: <a href="https://meet.google.com/dmd-awwn-uhh">https://meet.google.com/dmd-awwn-uhh</a>		

### Sample Photo of the RM



  
RM Coordinator

  
HoD / MECH

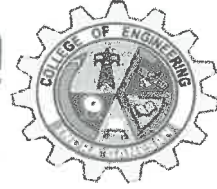
  
Principal



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## Report on Two Days Research Methodology Workshop

Title:	Scope of Internet of Things (IoT) in the Mechanical World				
Resource Person:	Mr. N Ramachandran AP/Sri Krishna College of Engineering				
Date of conduct from :	01.09.2021	To:	02.09.2021	Duration:	16 Hours
Organized Department :	Mechanical Engineering				
Participant Year:	3, 4	No. of Students Registered :	44		
Venue:	Seminar Hall				

### Outcome of the RM: At the End of the course, students can able to,

- Knowledge about Machining Process
- Learning platform about IoT
- Know the practical skill development knowledge about diffusion Automation.
- Know the Smart sensors attached with machineries would successfully detect resent conditions.
- Learned IoT devices can be installed on mechanical systems to monitor their performance remotely.

  
RM Coordinator

  
HOD MECH

  
Principal

Dr. G. Balakrishnan, M.E., Ph.D.,  
Principal

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## *CERTIFICATE OF APPRECIATION*

*This is certify that Mr. R. VIKASH of IV Year B,E Mech has participated in the Two days Research methodology Workshop on "Scope of Internet of Things (IoT) in the Mechanical World" organized by Mechanical Engineering in a association with IGCE on 01.09.2021 to 02.09.2021 during the Academic Year 2021-2022.*

*R. Kumar*  
HOD



*Q..*

**Dr. G. Balakrishnan, M.E., Ph.D.,**

Principal

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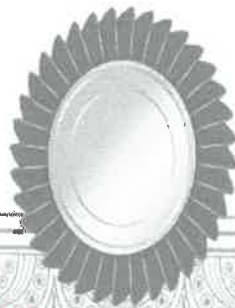
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*This is certify that MR R.GOKUL of IV Year B,E Mech has participated in the Two days Research methodology Workshop on "Scope of Internet of Things (IoT) in the Mechanical World" organized by Mechanical Engineering in a association with IGCE on 01.09.2021 to 02.09.2021 during the Academic Year 2021-2022.*

*R. Kumar*  
HOD



*Dr. G. Balakrishnan*

**Dr. G. Balakrishnan, M.E., Ph.D.,**  
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## CERTIFICATE OF APPRECIATION

*This is certify that Mr.C.ABIMANYU of IV Year B,E Mech has participated in the Two days Research methodology Workshop on "Scope of Internet of Things (IoT) in the Mechanical World" organized by Mechanical Engineering in a association with IGCE on 01.09.2021 to 02.09.2021 during the Academic Year 2021-2022.*

*R. Kumar*  
HOD



*G.S.*

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*This is certify that Mr A.RUBAN of III Year B,E Mech has participated in the Two days Research methodology Workshop on "Scope of Internet of Things (IoT) in the Mechanical World" organized by Mechanical Engineering in a association with IGCE on 01.09.2021 to 02.09.2021 during the Academic Year 2021-2022.*

*R. Kumar*

HOD



*Q...*

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## CERTIFICATE OF APPRECIATION

*This is certify that Mr.A.MOHAMED NAFIL of III Year B,E Mech has participated in the Two days Research methodology Workshop on "Scope of Internet of Things (IoT) in the Mechanical World" organized by Mechanical Engineering in a association with IGCE on 01.09.2021 to 02.09.2021 during the Academic Year 2021-2022.*

R. Kumar

HOD



Q..

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## *CERTIFICATE OF APPRECIATION*

*This is certify that Mr.G.VIJAYA KUMAR of III Year B,E  
Mech has participated in the Two days Research methodology Workshop on  
"Scope of Internet of Things (IoT) in the Mechanical World"  
organized by Mechanical Engineering in a association with IGCE on  
01.09.2021 to 02.09.2021 during the Academic Year 2021-2022.*

*R. Kumar*

HOD



*Dr. G. Balakrishnan*

**Dr. G. Balakrishnan, M.E., Ph.D.,**

**Principal**

**Indra Ganesan College of Engineering**

**IG Valley, Madurai Main Road**

**Manikandam, Trichy-620 022.**