



# Indra Ganesan

## COLLEGE OF ENGINEERING

Madurai Main Road (NH-45B), Manikandam, Tiruchirappalli - 620 012  
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai  
NAAC Accredited, TNP State Institution by UGC



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**ACADEMIC YEAR (2022 – 2023) ODD SEMESTER**

**CIRCULAR**

Date:22.09.2022

Department of Electronics and Communication Engineering in association with IQAC of IGCE are going to organize Two Days Research Methodology Workshop on “**Research areas in the field of Communication Engineering**” for All II, III and IV year students of ECE on **29.09.2022** and **30.09.2022**. Certificates will be issued to all participants at the end of the course.

Resource Person	Er.Gokula Krishnan K, Embedded cum IOT Developer, Galwin Technology, Trichy
Venue	DSP Lab, IGCE

*M. Bhuvaneshwari*  
HOD/ECE

*K. Gokula Krishnan*  
PRINCIPAL

Cc:

- Faculty Members
- IQAC Coordinator
- All II, III & IV-Year B.E(ECE) Students
- Office File
- Notice Board
- Principal office

*K. Gokula Krishnan*  
K. Gokula Krishnan, M.E., Ph.D.,  
Principal  
Indra Ganesan College of Engineering  
IG Valley, Madurai Main Road  
Manikandam, Trichy-620 012.



**Indra Ganesan**  
**COLLEGE OF ENGINEERING**

Madurai Main Road (M-45B), Manikandam, Trichleppalli - 620 012  
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NAAC Accredited. 2(F) Status Institution by UGC



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**In Association with IQAC,IGCE**

*Cordially invites,*

**Two Days Research Methodology**

**Workshop**

**On**

**“Research areas in the field of Communication Engineering ”**

**Date : 29.09.2022 and 30.09.2022**

**Venue: DSP Lab**

**Resource Person**

**Er. Gokula Krishnan K,**

**Embedded cum IOT Developer ,**

**Galwin Technology,**

**Trichy**

**In the esteemed presence of**

**Prof.M.Bhuvanewari**  
*HOD/ECE*

**Dr. V.S. Thangarasu**  
*Principal*

**Dr. G. Balakrishnan**  
*Director*

**Er. G. Rajasekaran**  
*Secretary*

**Dr. G. Balakrishnan, M.E., Ph.D.,**  
*Principal*  
Indra Ganesan College of Engineering  
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Madurai Main Road (NH-45B), Manikandam, Trichy (Tamil Nadu) - 620 012  
Approved by AJCET, New Delhi & Affiliated to Anna University, Chennai  
AEC Accredited, 2(F) Status Institution by SIET



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**AGENDA**

**Two Days Research Methodology Workshop**

**On**

**“Research areas in the field of Communication Engineering”**

**Date : 29.09.2022 and 30.09.2022**

**TIME: 10.00am**

**VENUE : DSP Lab**

**Welcome Address &**

**Chief Guest Introduction**

**: Dr.M,Bhuvaneswari - HoD**

**Resource person**

**: Er. Gokula Krishnan K ,  
Embedded cum IOT Developer,  
Galwin Technology.  
Trichy**

**Topics**

**:Research Guidances in Embedded Systems  
and its applications**

**Day I**

**: Emerging aspects of Embedded system interface**

**Day II**

**: Hands on Training**

**Vote of Thanks**

**: Mrs.P. Santhana selvi**

**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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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**ACADEMIC YEAR 2022-23 / ODD SEMESTER**

**Research Methodology Workshop on**

**“Research areas in the field of Communication Engineering”**

**STUDENTS PARTICIPATION LIST**

Date: 29.09.2022 & 30.09.2022

SLNo	Regs.No.	Student Name	Year/Branch
1.	811219106001	Dayana P	IV/ECE
2.	811219106002	Devika K	IV/ECE
3.	811219106003	Dinesh J	IV/ECE
4.	811219106004	Mohana Sundaram K	IV/ECE
5.	811219106005	Ravikumar B	IV/ECE
6.	811219106006	Santharaj A	IV/ECE
7.	811219106008	Srikanth M	IV/ECE
8.	811219106009	Surendran S	IV/ECE
9.	811219106010	Surya V	IV/ECE
10.	811219106011	Swetha K	IV/ECE
11.	811219106301	Yuvashree S	IV/ECE
12.	811219106701	Vijayalakshmi V	IV/ECE
13.	811219106702	Ponnarasu S	IV/ECE
14.	811220106006	Banu priya G	III /ECE
15.	811220106008	Bharathidasan C	III /ECE

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

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Madurai Main Road (NH-46B), Manikandan, Tiruchirappalli - 620 012  
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& AAC Accredited, 2011 Group Institution by UGC



S.No.	Reg.No.	Student Name	Year/Branch
16.	811220106019	Jeevasen N	III/ECE
17.	811220106021	Kamaraj.S	III/ECE
18.	811220106022	Karthick C	III/ECE
19.	811220106023	Karthika S	III/ECE
20.	811220106025	Kishore R	III/ECE
21.	811220106026	Kishore kumar	III/ECE
22.	811220106028	Mancy.E	III/ECE
23.	811220106031	Pradhap.J	III/ECE
24.	811220106032	Prasannaa.J	III/ECE
25.	811220106033	Preethika.M	III/ECE
26.	811220106034	Premalatha.M	III/ECE
27.	811220106037	Shri Harini Priya B	III/ECE
28.	811220106038	Snega M	III/ECE
29.	811220106039	Sobi amirtha N	III/ECE
30.	811220106041	Sunil Kumar B	III/ECE
31.	811220106042	Susila N	III/ECE
32.	811220106049	Yoga priya.R	III/ECE
33.	811221106001	Aarthi.S	II/ECE
34.	811221106003	Arockia jenifer.M	II/ECE
35.	811221106005	Deepalakshmi.S	II/ECE
36.	811221106008	Dhinesh babu.C	II/ECE
37.	811221106012	Jaya kamakshe radha.s.P	II/ECE
38.	811221106022	Parkavi.S	II/ECE
39.	811221106024	Premkumer.S	II/ECE

Dr. G. Balakrishnan, M.E., Ph.D.,  
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NAAC Accredited, IIT Status Certification by UGC



S.No.	Reg.No.	Student Name	Year/Branch
40.	811221106033	Thamilarasi.C	II/ECE
41.	811221106034	Thrisha.S	II/ECE
42.	811221106035	Veerakumar.R	II/ECE
43.	811221106036	Vellaisamy.S	II/ECE
44.	811221106037	Victorraj.S	II/ECE
45.	811221106040	Vishal.V	II/ECE
46.	811221106301	Om parkash.R	II/ECE

  
RM Coordinator

  
Dr. G. Balakrishnan, M.E., Ph.D.,  
Principal  
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HoD/ECE





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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC YEAR 2022-2023 / ODD SEMESTER

Research Methodology Workshop on

“Research areas in the field of communication engineering”

## STUDENTS PARTICIPATION LIST

Date: 29.09.2022 & 30.09.2022

Sl. No	Reg.No.	Name	Year	29.09.2022		30.09.2022		No. of sessions attended	Signature
				FN	AN	FN	AN		
1	811219106001	Dayana P	IV/ECE					4	Daya
2	811219106002	Devika K	IV/ECE	✓	✓	✓	✓	4	Devika
3	811219106003	Dinesh J	IV/ECE	✓	✓	✓	✓	4	Dinesh
4	811219106004	Mohana Sundaram K	IV/ECE	✓	a	✓	✓	3	Mohana
5	811219106005	Ravikumar B	IV/ECE	✓	✓	✓	✓	4	Ravi
6	811219106006	Santhanaraj A	IV/ECE	✓	✓	✓	✓	4	Santhanaraj
7	811219106008	Srikanth M	IV/ECE	✓	✓	✓	✓	4	Srikanth
8	811219106009	Surendran S	IV/ECE	✓	✓	✓	✓	4	Surendran
9	811219106010	Surya V	IV/ECE	✓	a	✓	✓	3	Surya
10	811219106011	Swetha K	IV/ECE	✓	✓	✓	✓	4	Swetha
11	811219106301	Yuvashree S	IV/ECE	✓	✓	✓	✓	4	Yuvashree
12	811219106701	Vijayalakshmi V	IV/ECE	✓	✓	✓	✓	4	Vijayalakshmi
13	811219106702	Ponnarasu S	IV/ECE	✓	✓	✓	✓	4	Ponnarasu
14	811220106006	Banu priya G	III/ECE	✓	✓	✓	✓	4	Banu priya
15	811220106008	Bharathidasan C	III/ECE	✓	✓	a	✓	3	Bharathidasan
16	811220106019	Jeevasen N	III/ECE	✓	✓	✓	✓	4	Jeevasen
17	811220106021	Kamaraj.S	III/ECE	✓	✓	✓	✓	4	Kamaraj
18	811220106022	Karthick C	III/ECE	✓	✓	✓	✓	4	Karthick
19	811220106023	Karthika S	III/ECE	✓	✓	✓	✓	4	Karthika
20	811220106025	Kishore R	III/ECE	✓	✓	✓	✓	4	Kishore
21	811220106026	Kishore kumar	III/ECE	✓	✓	✓	✓	4	Kishore kumar
22	811220106028	Mancy.E	III/ECE	✓	✓	✓	✓	4	Mancy E
23	811220106031	Pradhap.J	III/ECE	✓	✓	✓	✓	4	Pradhap J

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Principal

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Sl. No	Reg.No.	Name	Year	29.09.2022		30.09.2022		No. of sessions attended	Signature
				FN	AN	FN	AN		
24.	811220106032	Prasanna.J	III/ECE	✓	✓	✓	✓	4	J. Prasanna
25.	811220106033	Preethika.M	III/ECE	✓	✓	✓	✓	4	M. Preethika
26.	811220106034	Premalatha.M	III/ECE	✓	✓	✓	✓	4	M. Premalatha
27.	811220106037	Shri Harini Priya B	III/ECE	✓	a	✓	✓	3	S. Harini Priya
28.	811220106038	M.Snega	III/ECE	✓	✓	✓	✓	4	M. Snega
29.	811220106039	N.Sobi amirtha	III/ECE	✓	✓	✓	✓	4	N. Sobi amirtha
30.	811220106041	Sunil Kumar B	III/ECE	✓	✓	✓	✓	4	S. Sunil Kumar
31.	811220106042	Susila N	III/ECE	✓	a	✓	✓	3	N. Susila
32.	811220106049	Yoga priya.R	III/ECE	✓	✓	✓	✓	4	R. Yoga priya
33.	811221106001	Aarthi.S	II/ECE	✓	✓	✓	✓	4	S. Arthi
34.	811221106003	Arockia jenifer.M	II/ECE	✓	✓	✓	✓	4	M. Arockia jenifer
35.	811221106005	Deepalakshmi.S	II/ECE	✓	✓	✓	✓	4	S. Deepalakshmi
36.	811221106008	Dhinesh babu.C	II/ECE	✓	a	✓	✓	3	C. Dhinesh babu
37.	811221106012	Jaya Kamakshe Radha.s.P	II/ECE	✓	✓	✓	✓	4	P. Jaya Kamakshe
38.	811221106022	Parkavi.S	II/ECE	✓	✓	✓	✓	4	S. Parkavi
39.	811221106024	Premkumar.S	II/ECE	✓	✓	a	✓	3	S. Premkumar
40.	811221106033	Thamilarasi.C	II/ECE	✓	✓	✓	✓	4	C. Thamilarasi
41.	811221106034	Thrisha.S	II/ECE	✓	✓	✓	✓	4	S. Thrisha
42.	811221106035	Veerakumar.R	II/ECE	✓	✓	✓	✓	4	R. Veerakumar
43.	811221106036	Vellaisamy.S	II/ECE	✓	✓	✓	✓	4	S. Vellaisamy
44.	811221106037	Victorraj.S	II/ECE	✓	✓	✓	✓	4	S. Victorraj
45.	811221106040	Vishal.V	II/ECE	✓	✓	✓	✓	4	V. Vishal
46.	811221106301	Om Parkash.R	II/ECE	✓	✓	✓	✓	4	R. Om Parkash

RM Coordinator

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

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IG Valley, Madurai Main Road  
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M. Bhuvan  
HoD/ECE





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NAAC Accredited, 2017 Status Institution by UGC



## Report on Two days Research Methodology Workshop

Title:	Two days Research Methodology workshop on “ Research areas in the field of Communication Engineering ”				
Resource Person:	Er. Gokula Krishnan K Embedded cum IOT Developer Galwin Technology Trichy				
Date of conduct :From	29.09.2022	To	30.09.2022	Duration:	2 Days
Organized Department :	ELECTRONICS AND COMMUNICATION ENGINEERING				
Participant Year:	2, 3, 4	No. of Students Registered :		46	
Venue:	DSP Lab				

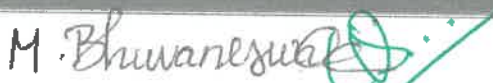
### Outcome of the RM : At the end of the Course, Students can able to

- Know to designs equipment and systems that facilitate communication for industrial, commercial and scientific applications
- Understand to create designs
- Know solve communication problems and improve telecommunication technology
- Know the technology enables instant communication.
- Understand eliminating the need for time-consuming physical meetings or written correspondence

### Glimpse from the Event.



  
RM Coordinator

  
HoD/ECE

  
Principal

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

Indra Ganesan College of Engineering  
Main Road



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## CERTIFICATE

*This is to certify that Ms. PARKAVI S of II YEAR ECE has participated  
Two Days Research Methodology Workshop on Research areas in the  
field of **Communication Engineering** organized by Electronics and  
Communication Engineering in Association with IQAC, IGCE on 29<sup>th</sup>  
and 30<sup>th</sup> Sep 2022 during the Academic Year 2022-2023.*

*M. Bhuvaneshwari*  
HOD/ECE

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



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## CERTIFICATE

*This is to certify that Mr. SUNIL KUMAR B of III YEAR ECE has participated Two Days Research Methodology Workshop on Research areas in the field of Communication Engineering organized by Electronics and Communication Engineering in Association with IQAC, IGCE on 29<sup>th</sup> and 30<sup>th</sup> Sep 2022 during the Academic Year 2022-2023.*

*M. Bhuvaneshwari*  
HOD/ECE

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

*Principal*  
PRINCIPAL