



# Indra Ganesan

**COLLEGE OF ENGINEERING**  
Madurai Main Road (NH-45B), Manikandam, Trichy-12.  
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

ACADEMIC YEAR (2019-2020) / EVEN SEMESTER

## CIRCULAR

Date: 07.01.2020

Department of Electrical & Electronics engineering in association with IQAC of IGCE are going to organize One Day Research Methodology Seminar on “**Research Methodology Tools & Technologies**” for all II, III & IV Year Students of EEE on **10.01.2020**. Certificates will be issued to all participants at the end of the course.

Resource Person	<b>Mr. R.Sateesh</b> <b>SMART POWER CARE</b>
Venue	EEE Seminar Hall, IGCE

*G. Ma Lathi*

**HoD/EEE**

  
**PRINCIPAL**

Cc:

- Principal office
- Faculty Members
- Students Class Room
- IQAC Coordinator
- Notice Board

  
**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 Electrical & Electronics engineering

One day Research Methodology

Seminar

On

**“Research Methodology Tools  
& Technologies”**

*Date: 10.01.2020*

**Venue: Seminar Hall**

**Resource Person**

**Mr.R.Sateesh**

**Assistant Manager**

**SMART POWER CARE**

**In the esteemed presence of**

**Dr.G. Malathi**

*HOD/EEE*

**Dr.S.Bharathiraja**

*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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**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

## AGENDA

One Day Research Methodology Seminar  
On  
**“Research Methodology Tools &  
Technologies”**

**DATE** : 10.01.2020 **TIME:** 10.00am

**VENUE** : Seminar Hall

**Welcome Address &**

**Chief Guest Introduction** : Dr.G. Malathi – HoD/EEE


**Resource person** : Mr. R.Sateesh  
Smart Power Care

**Topics** : Research Methodology Tools  
&Technologies

**Forenoon** : Session I (Different skills in qualitative  
And quantitative data analysis)

**Afternoon** : Session – II (skills in statistical software,  
data visualization tools)

**Vote of Thanks** : Mr.S.Vijai, AP/EEE

  
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Principal  
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**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**ACADEMIC YEAR (2019-2020)/ EVEN SEMESTER**

**One Day Research Methodology Seminar**

**On**

**Dr. G. Balakrishnan, M.E., Ph.D.**  
**Research Methodology Tools & Technologies”**

**Principal**

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

**Students Participation List**

**Date: 10.01.2020**

S.NO	Register number	Name of the student	YEAR
1	811216105001	ATTCHAYA A K	IV
2	811216105003	BENAZIR M	IV
3	811216105004	GUNA SEELAN D	IV
4	811216105005	HARI GOWTHAM M	IV
5	811216105006	HARIHARAN B	IV
6	811216105007	ISWARYA K	IV
7	811216105008	KALISTA P	IV
8	811216105009	KHAJAMOINUDEEN S	IV
9	811216105010	KIRUTHIKA B	IV
10	811216105011	LOURDHU MARY D	IV
11	811216105012	MARIA SHOBANA J	IV
12	811216105014	MERLIN REETA P	IV
13	811216105015	NIROSHINI R	IV
14	811216105016	NITHING A	IV
15	811216105017	PAVENTHAN A	IV
16	811216105018	PRAVEEN KUMAR M	IV
17	811216105019	PRISILLA PRIYANKA	IV
18	811216105020	RAJA V	IV
19	811216105021	RATHINA RAJ R	IV
20	811216105023	RESHMI D	IV



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S.NO	Register number	Name of the student	YEAR
21	811216105024	ROOBINI S	IV
22	811216105025	SURESH K	IV
23	811217105005	ARUL JOY ASHA A	III
24	811217105006	ARUN SEBASTIN P	III
25	811217105007	BHARTHASARATHI M	III
26	811217105008	CHITHRA P	III
27	811217105009	DEEPIKA G	III
28	811217105010	EZHUMALAI A	III
29	811217105011	GAYATHRI K	III
30	811217105012	GAYATHRI S	III
31	811217105013	KANIMOZHI S	III
32	811217105014	KEERTHANA S	III
33	811217105015	KUMARIVALLI T	III
34	811217105016	MADHUMITHA S	III
35	811217105017	MANO K	III
36	811217105018	MEKALA M	III
37	811217105020	PAVITHRA S	III
38	811217105021	PRAVEEN RAJ R	III
39	811218105001	Arun praveen raj A	II
40	811218105002	Hariharan M	II
41	811218105003	Inbaraj A	II
42	811218105004	Jeya stephen S	II
43	811218105005	Manikandan N	II
44	811218105006	Padmanaban A	II
45	811218105007	Sasikumar R	II
46	811218105008	Sivakumar P	II
47	811218105009	Veera ragavan A	II
48	811218105010	Yuvaraj S	II

  
RM Coordinator

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

  
Gt. Ma Lathi  
HOD/EEE

Indra Ganesan College of Engineering  
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# Indra Ganesan

## COLLEGE OF ENGINEERING

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ACADEMIC YEAR (2019-2020)/ EVEN SEMESTER

One Day Research Methodology Seminar

On

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

"Research Methodology Tools & Technologies"  
Indra Ganesan College of Engineering  
G Valley, Madurai Main Road  
Manikandam, Trichy-620 012.

Students Attendance List

Date: 10.01.2020

S.NO	Register number	Name of the student	Signature
1	811216105001	ATTCHAYA A K	K. A. [Signature]
2	811216105003	BENAZIR M	M. B. [Signature]
3	811216105004	GUNA SEELAN D	P. [Signature]
4	811216105005	HARI GOWTHAM M	M. [Signature]
5	811216105006	HARIHARAN B	B. [Signature]
6	811216105007	ISWARYA K	[Signature]
7	811216105008	KALISTA P	P. [Signature]
8	811216105009	KHAJAMOINUDEEN S	S. [Signature]
9	811216105010	KIRUTHIKA B	B. [Signature]
10	811216105011	LOURDHU MARY D	D. [Signature]
11	811216105012	MARIA SHOBANA J	J. [Signature]
12	811216105014	MERLIN REETA P	P. [Signature]
13	811216105015	NIROSHINI R	R. [Signature]
14	811216105016	NITHING A	A. [Signature]
15	811216105017	PAVENTHAN A	A. [Signature]
16	811216105018	PRAVEEN KUMAR M	M. [Signature]
17	811216105019	PRISILLA PRIYANKA	P. [Signature]
18	811216105020	RAJA V	V. [Signature]
19	811216105021	RATHINA RAJ R	R. [Signature]
20	811216105023	RESHMI D	D. [Signature]



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S.No	Register number	Name of the student	Signature
21	811216105024	ROOBINI S	
22	811216105025	SURESH K	
23	811217105005	ARUL JOY ASHA A	
24	811217105006	ARUN SEBASTIN P	
25	811217105007	BHAKTHASARATHI M	
26	811217105008	CHITHRA P	
27	811217105009	DEEPIKA G	
28	811217105010	EZHUMALAI A	
29	811217105011	GAYATHRI K	
30	811217105012	GAYATHRI S	
31	811217105013	KANIMOZHI S	
32	811217105014	KEERTHANA S	
33	811217105015	KUMARIVALLI T	
34	811217105016	MADHUMITHA S	
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36	811217105018	MEKALA M	
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38	811217105021	PRAVEEN RAJ R	
39	811218105001	Anan praveen raj A	
40	811218105002	Harihara M	
41	811218105003	Inbaraj A	
42	811218105004	Jeya stephen S	
43	811218105005	Manikandan N	
44	811218105006	Padmanabhar. A	
45	811218105007	Sasikumar R	
46	811218105008	Shyamsukumar P	
47	811218105009	Veenu ragavan A	
48	811218105010	Yuvraj S	

RM Coordinator

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Principal

Indra Ganesan College of Engineering  
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Manikandam, Trichy

## Report on One Day Research Methodology Seminar

Title:	One Day Research Methodology Seminar on " Research Methodology Tools & Technologies"		
Resource Person:	<b>Mr.R.Sateesh</b> Assistant Manager Smart Power Care		
Date of conduct from:	10.01.2020	Duration : 1 day	
Organized Department	ELECTRICAL AND ELECTRONICS ENGINEERING		
Participant Year:	2,3,4	No. of Students Registered :	48
Venue:	EEE Seminar Hall		

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

- Determine Different skills in qualitative and quantitative data analysis and presentation
  - Know about critical thinking and improve the necessary skills needed to solve other course programs' challenges.
  - Determine the ability to choose methods appropriate to research objectives.
  - Know about the skills in statistical software, data visualization tools.
  - Determine quantitative, qualitative, or a combination of both, known as mixed methodology
- Glimpse from the event.**



*[Signature]*  
**RM Coordinator**

*[Signature]*  
**HoD/EEE**

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





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**CERTIFICATE OF PARTICIPATION**

This is to certify that **Mr. Veera ragavan A 2nd year EEE** has Participated in One Day Research Methodology Seminar on **“Research Methodology Tools & Technologies”** organized by Department of Electrical & Electronics Engineering in Association with IQAC of our Institution on 10.01.2020 during the academic Year 2019-20

*G. Malathi*

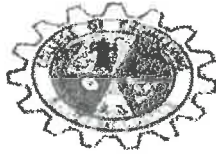
HoD/EEE

*[Signature]*

**Dr. G. Balakrishnan, M.E., Ph.D.,**  
Principal  
Indra Ganesan College of Engineering  
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*[Signature]*

PRINCIPAL



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## CERTIFICATE OF PARTICIPATION

This is to certify that **Ms. Deepika G** Third year EEE has Participated in One Day Research Methodology Seminar on “**Research Methodology Tools & Technologies**” organized by Department of Electrical & Electronics Engineering in Association with IQAC of our Institution on 10.01.2020 during the academic Year 2019-20

*G. Malathi*

HoD/EEE

*Dr. G. Balakrishnan*

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

PRINCIPAL



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## CERTIFICATE OF PARTICIPATION

This is to certify that **Mr. GunaSeelan D** Final year EEE has Participated in One Day Research Methodology Seminar on “**Research Methodology Tools & Technologies**” organized by Department of Electrical & Electronics Engineering in Association with IQAC of our Institution on 10.01.2020 during the academic Year 2019-20

HoD/EEE

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

Principal

Indra Ganesan College of Engineering  
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Manikandam, Trichy-620 012.

PRINCIPAL