



SASURIE COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Near NH544, Coimbatore Bypass, Near Vijayamangalam Tollgate, Tirupur 638056

NAAC DOCUMENTS

QUALITY INDICATOR FRAME WORK

CRITERION - 3

RESEARCH, INNOVATION & EXTENSIONS

SUBMITTED BY

IQAC

INTERNAL QUALITY ASSURANCE CELL

SASURIE COLLEGE OF ENGINEERING



DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING


Ref: SCE / ECE / Students / RM / 2022 – 2023 / EVEN

06.03.2023

CIRCULAR

In order to address the recent research issues in the field of multi-disciplinary Engineering areas and to overcome such research issues, Department of Electronics and Communication Engineering in association with IQAC of our Institution, is planning to conduct two days workshop for the students of II, III and IV year of Civil, ECE, EEE & Mech on the title “Information Theory and Coding Research Methodologies” from 10.03.2023 to 11.03.2023. At the end of the programme, participation certificates will be issued to the participants.

Resource Person Details	Mrs. Annapoorani, Manager, Trident Techlabs Pvt Ltd, Karnataka-560001	George Anil Dsiva, CEO, Trident Techlabs Pvt Ltd, Karnataka-560001
Venue	Seminar Hall-ECE	


HoD/ECE


PRINCIPAL

Copy to:

1. Chairman & Secretary for information
2. Principal office
3. IQAC Co-Ordinator
4. Class In charges - II, III & IV-Year Civil, ECE, EEE & Mech
5. II, III & IV-Year Civil, ECE, EEE & Mech Students
6. Civil, ECE, EEE & Mech Notice Board
7. Department File


Dr. M. VIJAYAKUMAR ME., Ph.D.,
PRINCIPAL
SASURIE COLLEGE OF ENGINEERING,
Vijayamangalam - 638 056, Tirupur (Dt).



SASURIE COLLEGE OF ENGINEERING

Vijayamangalam, Tiruppur

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai - 600025)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

in association with IQAC

Cordially invites

Two days Research Methodology Programme (RM)

On

“Information Theory and Coding Research Methodologies”

Date : 10.03.2023 to 11.03.2023

Venue: Seminar Hall ECE

Resource Persons

*Mrs. Annapoorani,
Manager,
Trident Techlabs Pvt Ltd,
Karnataka- 560001.*

*George Anil Dsiva,
CEO,
Trident Techlabs Pvt Ltd,
Karnataka- 560001.*

in the esteemed presence of

*Dr. M. Vijayakumar
Principal*

*Shri A.M. Kandaswami
Chairman*

*Ms. K. Savitha Moganraj
Secretary*

*Dr. M. VIJAYAKUMAR ME., Ph.D.,
PRINCIPAL*



**SASURIE COLLEGE OF ENGINEERING,
Vijayamangalam - 638 056, Tirupur (Dt).**

DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING

Students Participation List – Research Methodology Programme

“Information Theory and Coding Research Methodologies”

From 10.03.2023 to 11.03.2023

Academic Year : 2022 - 2023 / EVEN

S.No.	Reg No.	Name of the Student	Year / Branch
1.	732421106001	GOKUL S	II/ECE
2.	732421106002	ROGESH P	II/ECE
3.	732421106003	SABARI JOTHIL S	II/ECE
4.	732419106001	FEMEY S	IV/ECE
5.	732419106003	MOWNEESH N	IV/ECE
6.	732419106004	SARANYA DEVI V	IV/ECE
7.	732419106005	UMESH KUMAR S	IV/ECE
8.	732419106006	YOGESH S	IV/ECE
9.	732419106301	KAVIYA PRIYA G	IV/ECE
10.	732419106302	VIVEK S M	IV/ECE
11.	732421105301	PRAVEENKUMAR M	II/EEE
12.	732421105302	RAGUL.M.E	II/EEE
13.	732419105001	AJITH KUMAR S	IV/EEE
14.	732419105002	DINESH M	IV/EEE
15.	732419105004	NAVEENKUMAR A	IV/EEE
16.	732419105005	PRAVEEN KUMAR M	IV/EEE
17.	732420114301	HARI GANESH B	III/MECH
18.	732420114302	PREMKUMAR Y	III/MECH
19.	732419114001	AMULRAJ P	IV/MECH
20.	732419114002	ARUNKUMAR B	IV/MECH
21.	732419114003	KAVIKRISHNAN P	IV/MECH
22.	732419114004	KISHORE B	IV/MECH
23.	732419114006	PAVENDHAR S	IV/MECH
24.	732419114007	PRIYADHARSHAN G	IV/MECH
25.	732419114008	SELVENTHIRAN S	IV/MECH
26.	732419114010	THIRUNAVUKKARASU S	IV/MECH

V. Gurusamy
Event Coordinator

[Signature]
Hod/ECE

Dr.M.VIJAYAKUMAR ME., Ph.D.,
PRINCIPAL



SASURIE COLLEGE OF ENGINEERING,
Vijayamangalam - 638 056, Tirupur (Dt).

DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING

Students Attendance List – Research Methodology Programme

“Information Theory and Coding Research Methodologies”

From 10.03.2023 to 11.03.2023


Academic Year : 2022 - 2023 / EVEN

S.No.	Reg No.	Name of the Student	Year / Branch	Signature
1.	732421106001	GOKUL S	II/ECE	Gokul S.
2.	732421106002	ROGESII P	II/ECE	Rogesii P.
3.	732421106003	SABARI JOTHIS	II/ECE	Sabari J.
4.	732419106001	FEMEY S	IV/ECE	S. Femeys
5.	732419106003	MOWNEESH N	IV/ECE	N. Mowneesh
6.	732419106004	SARANYA DEVI V	IV/ECE	V. Saranya
7.	732419106005	UMESH KUMAR S	IV/ECE	S. Umesh
8.	732419106006	YOGESH S	IV/ECE	S. Yogesh
9.	732419106301	KAVIYA PRIYA G	IV/ECE	G. Kaviya Priya
10.	732419106302	VIVEK S M	IV/ECE	M. Vivek S
11.	732421105301	PRAVEENKUMAR M	II/EEE	M. Praveen
12.	732421105302	RAGUL M E	II/EEE	E. Ragul
13.	732419105001	AJITH KUMAR S	IV/EEE	S. Ajith Kumar
14.	732419105002	DINESH M	IV/EEE	M. Dinesh
15.	732419105004	NAVEENKUMAR A	IV/EEE	A. Naveen
16.	732419105005	PRAVEEN KUMAR M	IV/EEE	M. Praveen
17.	732420114301	HARI GANESH B	III/MECH	B. Hari Ganesh
18.	732420114302	PREMKUMAR Y	III/MECH	Y. Premkumar
19.	732419114001	AMULRAJ P	IV/MECH	P. Amulraj
20.	732419114002	ARUNKUMAR B	IV/MECH	B. Arunkumar
21.	732419114003	KAVIKRISHNAN P	IV/MECH	P. Kavikrishnan
22.	732419114004	KISHORE B	IV/MECH	B. Kishore
23.	732419114006	PAVENDHAR S	IV/MECH	S. Pavendhar
24.	732419114007	PRIYADHARSHAN G	IV/MECH	G. Priyadharsan
25.	732419114008	SELVENTHIRAN S	IV/MECH	S. Selventhiran
26.	732419114010	THIRUNAVUKKARASU S	IV/MECH	S. Thirunavukkarasu

V. Ganesan
Event Coordinator

[Signature]
HoD/ECE

[Signature]
Dr. M. VIJAYAKUMAR ME., Ph.D.,
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION
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Students Attendance List – Research Methodology Programme

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From 10.03.2023 to 11.03.2023

Academic Year: 2022 - 2023 / EVEN

S.No.	Reg No.	Name of the Student	Year / Branch	10.03.2023		11.03.2023		Signature
				FN	AN	FN	AN	
1.	732421106001	GOKUL S	II/ECE	/	/	/	/	[Signature]
2.	732421106002	ROGESH P	II/ECE	/	/	/	/	[Signature]
3.	732421106003	SABARI JOTHIS	II/ECE	/	/	/	/	[Signature]
4.	732419106001	FEMLY S	IV/ECE	/	/	/	/	[Signature]
5.	732419106003	MOWNEESH N	IV/ECE	/	/	/	/	[Signature]
6.	732419106004	SARANYA DEVI V	IV/ECE	/	/	/	/	[Signature]
7.	732419106005	UMESH KUMAR S	IV/ECE	/	/	/	/	[Signature]
8.	732419106006	YOGESH S	IV/ECE	/	/	/	/	[Signature]
9.	732419106301	KAVIYA PRIYA G	IV/ECE	/	/	/	/	[Signature]
10.	732419106302	VIVEK S M	IV/ECE	/	/	/	/	[Signature]
11.	732421105301	PRAVEENKUMAR M	II/EE	/	/	/	/	[Signature]
12.	732421105302	RAGUL M E	II/EE	/	/	/	/	[Signature]
13.	732419105001	AJITH KUMAR S	IV/EE	/	/	/	/	[Signature]
14.	732419105002	DINESH M	IV/EE	/	/	/	/	[Signature]
15.	732419105004	NAVEENKUMAR A	IV/EE	/	/	/	/	[Signature]
16.	732419105005	PRAVEEN KUMAR M	IV/EE	A	A	/	/	[Signature]
17.	732420114301	HARI GANESH B	III/MECH	/	/	/	/	[Signature]
18.	732420114302	PREMKUMAR Y	III/MECH	/	/	/	/	[Signature]
19.	732419114001	AMULRAJ P	IV/MECH	/	/	/	/	[Signature]
20.	732419114002	ARUNKUMAR B	IV/MECH	/	/	/	/	[Signature]
21.	732419114003	KAVIKRISHNAN P	IV/MECH	/	/	/	/	[Signature]
22.	732419114004	KISHORE B	IV/MECH	/	/	/	/	[Signature]
23.	732419114006	PAVENDHAR S	IV/MECH	/	/	/	/	[Signature]
24.	732419114007	PRIYADHARSHAN G	IV/MECH	/	/	/	/	[Signature]
25.	732419114008	SELVENTHIRAN S	IV/MECH	/	/	/	/	[Signature]
26.	732419114010	THIRUNAVUKKARASU S	IV/MECH	A	A	/	/	[Signature]

V. [Signature]
Event Coordinator

[Signature]
HoD/ECE

Report on Research Methodology Programme

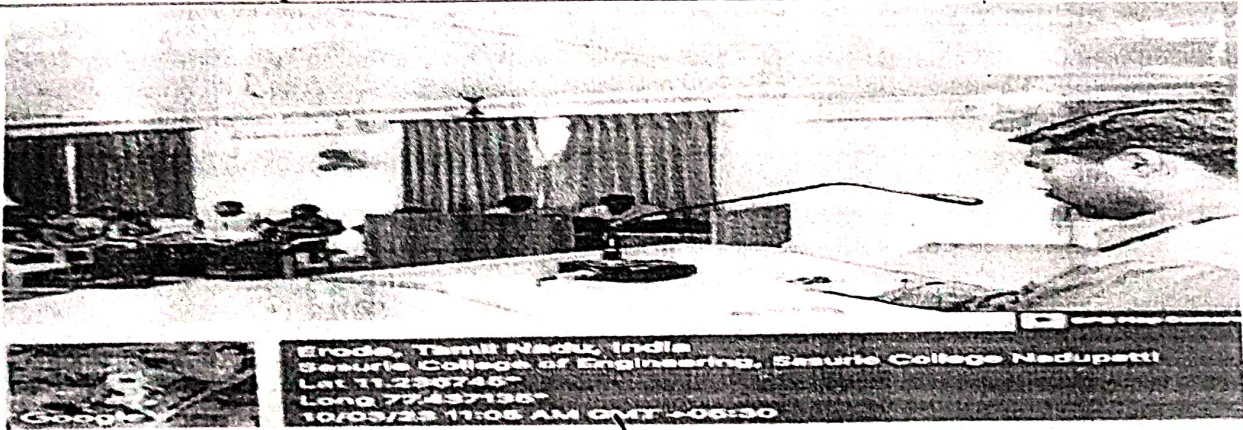
Title:	Information Theory and Coding Research Methodologies				
Resource Person:	Mrs. Annapoorani, Manager, Trident Techlabs Pvt Ltd, Karnataka-560001		George Anil Dsiva, CEO, Trident Techlabs Pvt Ltd, Karnataka-560001		
Date of conduct ON :	10.03.2023	To:	11.03.2023	Duration:	2 Days
Organized by :	ELECTRONICS AND COMMUNICATION ENGINEERING in association with IQAC of our Institution				
Academic Year:	2022 - 2023		Semester:	EVEN	
Participant Year:	II, III, IV Year -Civil, ECE, EEE & Mech		No. of Students Participated:	26	
Venue:	Seminar Hall-ECE				

Outcome of Research Methodology Programme

At the end of the Research Methodology Programme, Students can be able to

- Develop a comprehensive understanding of the principles and concepts of information theory and coding, including entropy, channel capacity, error correction, and compression algorithms.
- Gain knowledge of advanced research techniques specific to information theory, including mathematical modeling, probability theory, and statistical inference methods.
- Acquire skills to evaluate the performance of information theory and coding schemes, including analyzing error rates, throughput, latency, and complexity.
- Develop analytical proficiency, including proficiency in calculus, probability theory and discrete mathematics.
- Design and execute research projects in information theory and coding.

Glimpse of Research Methodology Programme Photos



V. Ganesan
Event Co-ordinator

[Signature]
HoD/ ECE

[Signature]
Principal

[Signature]
Dr.M.VIJAYAKUMAR ME., Ph.D.,
 PRINCIPAL
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 Vijayamangalam - 638 056, Tirupur (Dt).

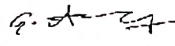


SASURIE COLLEGE OF ENGINEERING

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Vijayamangalam, Tiruppur

CERTIFICATE OF PARTICIPATION

This is to Certify that Mr . KISHORE.B, IV/MECH
has participated in the Research Methodology Program on "Information Theory and Coding Research Methodologies" conducted by the Department of Electronics and Communication Engineering in association with "Trident Tech labs Pvt Ltd" and IQAC of Sasurie College of Engineering from 10.03.2023 to 11.03.2023 during the Academic year 2022-2023.


IQAC Co-ordinator


Dr.M.VIJAYAKUMAR ME., Ph.D.,
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SASURIE COLLEGE OF ENGINEERING,
Vijayamangalam - 638 056, Tirupur (Dt).


Principal

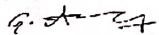


SASURIE COLLEGE OF ENGINEERING

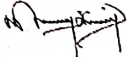
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Vijayamangalam, Tiruppur

CERTIFICATE OF PARTICIPATION

This is to Certify that _____ Mr . DINESH.M, IV / EEE _____
has participated in the Research Methodology Program on "Information
Theory and Coding Research Methodologies" conducted by the Department
of Electronics and Communication Engineering in association with "Trident
Tech labs Pvt Ltd" and IQAC of Sasurie College of Engineering from
10.03.2023 to 11.03.2023 during the Academic year 2022-2023.


IQAC Co-ordinator


Dr.M.VIJAYAKUMAR ME., Ph.D.,
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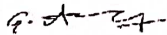


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Vijayamangalam, Tiruppur

CERTIFICATE OF PARTICIPATION

This is to Certify that Ms . VIPIN H, IV / CIVIL
has participated in the Research Methodology Program on "Information Theory and Coding Research Methodologies" conducted by the Department of Electronics and Communication Engineering in association with "Trident Tech labs Pvt Ltd" and IQAC of Sasurie College of Engineering from 10.03.2023 to 11.03.2023 during the Academic year 2022-2023.


IQAC Co-ordinator


Dr.M.VIJAYAKUMAR ME., Ph.D.,
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SASURIE COLLEGE OF ENGINEERING,
Vijayamangalam - 638 056, Tirupur (Dt).


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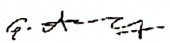


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Vijayamangalam, Tiruppur

CERTIFICATE OF PARTICIPATION

This is to Certify that Mr . PRAKASH V. IV / CIVIL
has participated in the Research Methodology Program on "Information Theory and Coding Research Methodologies" conducted by the Department of Electronics and Communication Engineering in association with "Trident Tech labs Pvt Ltd" and IQAC of Sasurie College of Engineering from 10.03.2023 to 11.03.2023 during the Academic year 2022-2023.


IQAC Co-ordinator


Dr.M.VIJAYAKUMAR ME., Ph.D.,
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SASURIE COLLEGE OF ENGINEERING,
Vijayamangalam - 638 056, Tirupur (Dt). 1


Principal

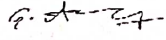


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Vijayamangalam, Tiruppur

CERTIFICATE OF PARTICIPATION

This is to Certify that Ms . FEMEY S, IV / ECE
has participated in the Research Methodology Program on "Information Theory and Coding Research Methodologies" conducted by the Department of Electronics and Communication Engineering in association with "Trident Tech labs Pvt Ltd" and IQAC of Sasurie College of Engineering from 10.03.2023 to 11.03.2023 during the Academic year 2022-2023.


IQAC Co-ordinator


Dr.M.VIJAYAKUMAR ME., Ph.D.,
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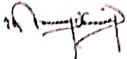
(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)
Vijayamangalam, Tiruppur

CERTIFICATE OF PARTICIPATION

This is to Certify that Ms . SABARIJOTHI.S, II / ECE
has participated in the Research Methodology Program on "Information Theory and Coding Research Methodologies" conducted by the Department of Electronics and Communication Engineering in association with "Trident Tech labs Pvt Ltd" and IQAC of Sasurie College of Engineering from 10.03.2023 to 11.03.2023 during the Academic year 2022-2023.


IQAC Co-ordinator


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Principal