



SASURIE COLLEGE OF ENGINEERING

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

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

NAAC DVV 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 / 2020 – 2021 / EVEN

14.06.2021

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 one day seminar for the students of II, III and IV year of ECE on the title “RF Engineering Research Methodologies” on 19.06.2021. At the end of the programme, participation certificates will be issued to the participants.


| | | |
|------------------------------------|---|--|
| Resource Person Details | Mr.Ragul, CEO, Ragul Electronics, Chennai-600002 | Ragul, Trainer, Ragul Electronics, Chennai-600002 |
| Venue | Online Gmeet - “https://meet.google.com/bkj-gtth-zzb” | |


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 ECE
5. II, III & IV-Year ECE Students
6. ECE 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

One day Research Methodology Programme (RM)

On

“RF Engineering Research Methodologies”

Date : 19.06.2021

Venue: Online Gmect - "<https://meet.google.com/bkj-gtth-zzb>"

Resource Persons

Mr.Ragul,
CEO,
Ragul Electronics,
Chennai-600002.

Mr.Ragul,
Trainer,
Ragul Electronics,
Chennai-600002.

in the esteemed presence of

Dr.T.S.Sivakumaran
Principal

Shri A.M.Kandaswami
Chairman

Ms. K. Savitha Moganraj
Secretary



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

DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING

Students Participation List – Research Methodology Programme

“RF Engineering Research Methodologies”

On 19.06.2021

Academic Year : 2020 -2021 / EVEN

| S.No. | Reg No. | Name of the Student | Year / Branch |
|-------|--------------|---------------------|---------------|
| 1. | 732419106001 | FEMEY S | II/ECE |
| 2. | 732419106003 | MOWNEESH N | II/ECE |
| 3. | 732419106004 | SARANYA DEVI V | II/ECE |
| 4. | 732419106005 | UMESH KUMAR S | II/ECE |
| 5. | 732419106006 | YOGESH S | II/ECE |
| 6. | 732419106301 | KAVIYA PRIYA G | II/ECE |
| 7. | 732419106302 | VIVEK S M | II/ECE |
| 8. | 732418106004 | SABITHA A | III/ECE |
| 9. | 732418106005 | SUJITHIRA P | III/ECE |
| 10. | 732417106002 | AJITHKUMAR K | IV/ECE |
| 11. | 732417106003 | AJITHKUMAR S | IV/ECE |
| 12. | 732417106005 | ARAVIND V | IV/ECE |
| 13. | 732417106008 | GOKILAVANI M | IV/ECE |
| 14. | 732417106010 | JAYASEELAN B | IV/ECE |
| 15. | 732417106011 | KAYALVIZHI K | IV/ECE |
| 16. | 732417106013 | KOUSALYA DEVIR | IV/ECE |
| 17. | 732417106016 | NASREEN BANU J | IV/ECE |
| 18. | 732417106017 | NATESH R | IV/ECE |
| 19. | 732417106018 | NIMISHA M | IV/ECE |
| 20. | 732417106019 | NISHANTH S | IV/ECE |
| 21. | 732417106020 | NITHYANANTHAM N | IV/ECE |
| 22. | 732417106021 | PARTHIPAN S | IV/ECE |
| 23. | 732417106023 | RANJANI S | IV/ECE |
| 24. | 732417106024 | SANTHIYA R | IV/ECE |
| 25. | 732417106027 | SHANMUGAPRIYA S | IV/ECE |
| 26. | 732417106028 | SHARMILA M | IV/ECE |
| 27. | 732417106030 | THANGARATHINAM A | IV/ECE |
| 28. | 732417106031 | VEERASOWNDARIYA P | IV/ECE |


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

DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING

Students Attendance List – Research Methodology Programme

“RF Engineering Research Methodologies”

On 19.06.2021

Academic Year: 2020 -2021 / EVEN

| S.No. | Reg No. | Name of the Student | Year / Branch | 19.06.2021 | |
|-------|--------------|---------------------|---------------|------------|----|
| | | | | FN | AN |
| 1. | 732419106001 | FEMEY S | II/ECE | / | / |
| 2. | 732419106003 | MOWNEESH N | II/ECE | / | / |
| 3. | 732419106004 | SARANYA DEVI V | II/ECE | / | / |
| 4. | 732419106005 | UMESH KUMAR S | II/ECE | / | / |
| 5. | 732419106006 | YOGESH S | II/ECE | / | / |
| 6. | 732419106301 | KAVIYA PRIYA G | II/ECE | / | / |
| 7. | 732419106302 | VIVEK S M | II/ECE | / | -/ |
| 8. | 732418106004 | SABITHA A | III/ECE | / | / |
| 9. | 732418106005 | SUJITHRA P | III/ECE | / | / |
| 10. | 732417106002 | AJITHKUMAR K | IV/ECE | / | / |
| 11. | 732417106003 | AJITHKUMAR S | IV/ECE | / | / |
| 12. | 732417106005 | ARAVIND V | IV/ECE | / | / |
| 13. | 732417106008 | GOKILAVANI M | IV/ECE | / | / |
| 14. | 732417106010 | JAYASEELAN B | IV/ECE | / | / |
| 15. | 732417106011 | KAYALVIZHI K | IV/ECE | / | / |
| 16. | 732417106013 | KOUSALYA DEVI R | IV/ECE | / | / |
| 17. | 732417106016 | NASREEN BANU J | IV/ECE | / | / |
| 18. | 732417106017 | NATESH R | IV/ECE | / | / |
| 19. | 732417106018 | NMISHA M | IV/ECE | / | / |
| 20. | 732417106019 | NISHANTH S | IV/ECE | / | / |
| 21. | 732417106020 | NITHYANANTHAM N | IV/ECE | / | / |
| 22. | 732417106021 | PARTHIPAN S | IV/ECE | / | / |
| 23. | 732417106023 | RANJANI S | IV/ECE | / | / |
| 24. | 732417106024 | SANTHIYA R | IV/ECE | / | / |
| 25. | 732417106027 | SHANMUGAPRIYA S | IV/ECE | / | / |
| 26. | 732417106028 | SHARMILA M | IV/ECE | / | / |
| 27. | 732417106030 | THANGARATHINAM A | IV/ECE | / | / |
| 28. | 732417106031 | VEERASOWNDARIYA P | IV/ECE | / | / |

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

Students Attendance List – Research Methodology Programme

| S.No. | Reg No. | Name of the Student | Year / Branch | 19.06.2021 | |
|-------|--------------|---------------------|---------------|------------|----|
| | | | | FN | AN |
| 29. | 732417106033 | VINITHA B | IV/ECE | / | / |
| 30. | 732417106501 | ARTHI K | IV/ECE | / | / |
| 31. | 732417106701 | PRATHEEPA S | IV/ECE | / | / |
| 32. | 732417106702 | SELVARANI C | IV/ECE | / | / |
| 33. | 732417106703 | KANAGARAJ B | IV/ECE | / | / |
| 34. | 732417106704 | POOVIZHI R | IV/ECE | / | / |
| 35. | 732417106705 | PRIYADHARSHINI S | IV/ECE | / | / |
| 36. | 732417106706 | HEMAPRAKASH C | IV/ECE | / | / |

K. Sai Revathi
Event Coordinator

K. Sai Revathi
HoD/ECE

M. V. Jayakumar

Dr.M.VIJAYAKUMAR, M.E., Ph.D.
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Vijayamangalam - 638 055, Tirupur (Dt).



Report on Research Methodology Programme

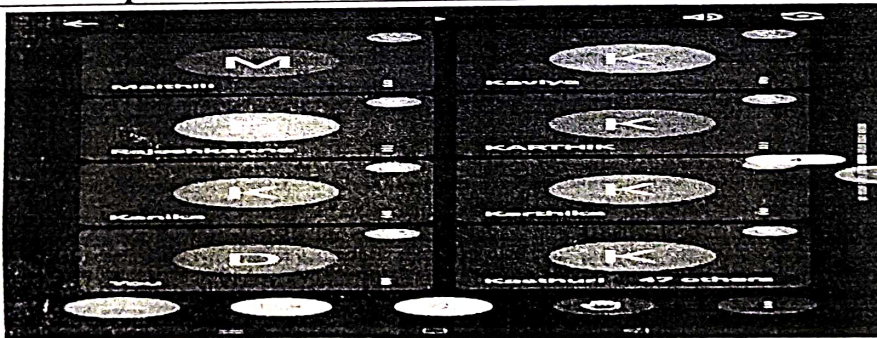
| | | | |
|----------------------|--|--|-----------------|
| Title: | RF Engineering Research Methodologies | | |
| Resource Person: | Mr.Ragul, CEO, Ragul Electronics, Chennai-600002 | Ragul, Trainer, Ragul Electronics, Chennai-600002 | |
| Date of conduct ON : | 19.06.2021 | To: - | Duration: 1 Day |
| Organized by : | ELECTRONICS AND COMMUNICATION ENGINEERING in association with IQAC of our Institution | | |
| Academic Year: | 2020 – 2021 | Semester: | EVEN |
| Participant Year: | II, III, IV Year -ECE | No. of Students Participated: | 36 |
| Venue: | Online Gmeet - “ https://meet.google.com/bkj-gtth-zzb ” | | |

Outcome of Research Methodology Programme

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

- Introduced to various research methodologies commonly used in RF engineering, such as theoretical analysis, numerical simulation, and experimental validation.
- Design RF systems for specific applications, including system specifications, component selection, and system optimization.
- Learn experimental techniques for RF engineering research, including measurement equipment operation, data acquisition, and analysis.
- Exposed to advanced topics in RF engineering research, such as RF MEMS devices, millimeter-wave systems, and RF circuit design for 5G and beyond.
- Collaborate with peers and network with experts in the field, fostering interdisciplinary exchange and potential research collaborations.

Glimpse of Research Methodology Programme Photos



Event Co-ordinator
K. Saij Ranthi

HoD/ ECE
S. I. G. G.

Principal
T. S. W.

M. V.
Dr.M.VIJAYAKUMAR ME., Ph.D.,
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Vijayamangalam, Tiruppur

CERTIFICATE OF PARTICIPATION

This is to Certify that Mr. KANAGARAJ B. IV / ECE
has participated in the Research Methodology Program on "RF Engineering
Research Methodologies" conducted by the Department of Electronics and
Communication Engineering in association with "Ragul Electronics" and
IQAC of Sasurie College of Engineering on 19.06.2021 during the Academic
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IQAC Co-ordinator

Principal




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This is to Certify that Ms. SELVARANI C. IV / ECE
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has participated in the Research Methodology Program on "RF Engineering
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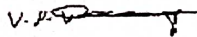


SASURIE COLLEGE OF ENGINEERING

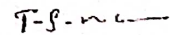
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Vijayamangalam, Tiruppur

CERTIFICATE OF PARTICIPATION

This is to Certify that Mr. SARANYA DEVI V, II / ECE
has participated in the Research Methodology Program on "RF Engineering
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IQAC Co-ordinator



Principal




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