



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 MECHANICAL ENGINEERING

Ref. SCE / MECH / Students / RM / 2020 - 2021 - ODD

14.09.2020

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 Mechanical Engineering in association with IQAC of our Institution, is planning to conduct two days workshop for the students of I and II year of MECH on the title "Material Science Research Methods" from 23.09.2020 to 24.09.2020. At the end of the programme, participation certificates will be issued to the participants.

Resource Person Details	Mr.N.Karthick, Manager, Suriya Machines, Coimbatore - 641004.	Mr.E.K.Ponnusamy, Trainer, Suriya Machines, Coimbatore - 641004.
Venue	Online Gmeet - "https://meet.google.com/bjq-ozfc-fnt"	


HoD/MECH


PRINCIPAL

Copy to:

1. Chairman & Secretary for information
2. Principal office
3. IQAC Co-Ordinator
4. Class In charges - I and II year of MECH
5. I and II year of MECH Students
6. 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 MECHANICAL ENGINEERING

in association with IQAC

Cordially invites

Two days Management Development Programme (MDP)

On

“Material Science Research Methods”

Date : 23.09.2020 to 24.09.2020

Venue: Online Gmeet - "<https://meet.google.com/bjq-ozfc-fnt>"

Resource Persons

Mr.N.Karthick,
Manager,
Suriya Machines,
Coimbatore-641004.

Mr.E.K.Ponnusamy,
Trainer,
Suriya Machines,
Coimbatore-641004.

in the esteemed presence of

Dr.T.S.Sivakumaran

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 MECHANICAL ENGINEERING

Students Participation List – Research Methodology Programme


“Material Science Research Methods”

From 23.09.2020 to 24.09.2020

Academic Year : 2020 – 2021 / ODD

S.No.	Reg No.	Name of the Student	Year / Branch
1.	732419114001	AMUI RAJ P	II/MECH
2.	732419114002	ARUNKUMAR B	II/MECH
3.	732419114003	KAVIKRISHNAN P	II/MECH
4.	732419114004	KISHORE B	II/MECH
5.	732419114006	PAVENDHAR S	II/MECH
6.	732419114007	PRIYADHARSIAN G	II/MECH
7.	732419114008	SELVENTHIRAN S	II/MECH
8.	732419114010	THIRUNAVUKKARASU S	II/MECH
9.	732417114001	ALBERT STEPHEN S	IV/MECH
10.	732417114003	ANITH KUMAR V	IV/MECH
11.	732417114004	ARAVINDAKUMAR G	IV/MECH
12.	732417114006	BALAJI C S	IV/MECH
13.	732417114007	BALAJI G	IV/MECH
14.	732417114010	DHAYANIDHIR	IV/MECH
15.	732417114011	DHINESH KUMAR K	IV/MECH
16.	732417114012	GANESHKUMAR P	IV/MECH
17.	732417114013	GOWTHAM M	IV/MECH
18.	732417114014	HARIHARAN M	IV/MECH
19.	732417114016	HARI KRISHNA M	IV/MECH
20.	732417114017	JAGADEESHKUMAR M	IV/MECH
21.	732417114019	KALIRAJ R	IV/MECH
22.	732417114020	KAMALESH P	IV/MECH
23.	732417114023	KAVINKUMAR V	IV/MECH
24.	732417114025	KRISHNAMOORTHY P	IV/MECH
25.	732417114026	LOGAPRIYAN E	IV/MECH
26.	732417114028	MURUGANANDAM K	IV/MECH
27.	732417114029	MUTHUPANDI M	IV/MECH
28.	732417114031	MYTHERAYAN K	IV/MECH


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

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S.No.	Reg No.	Name of the Student	Year / Branch
29	732417114032	NITHISH KUMAR R	IV MECH
30	732417114033	POORAGAVAN P	IV MECH
31	732417114036	RAVIKUMAR R	IV MECH
32	732417114037	SANJAY P	IV MECH
33	732417114038	SANTHANAM P	IV MECH
34	732417114039	SATHYANARAYANAN S	IV MECH
35	732417114040	SHRIK BARIDH A	IV MECH
36	732417114041	SRIDHAR S	IV MECH
37	732417114042	SUGANRAJ P	IV MECH
38	732417114043	SURIYAPRAKASH P	IV MECH
39	732417114045	VASANTHA KUMAR S	IV MECH
40	732417114047	VELMURUGAN S	IV MECH
41	732417114048	VENGATESAN M	IV MECH
42	732417114049	VETRIVEL S	IV MECH
43	732417114050	VIGNESHWARAN R	IV MECH
44	732417114052	VIJIPRIYADHARSAN P	IV MECH
45	732417114053	VISHNUKUMAR S	IV MECH
46	732417114301	HEYSON K J	IV MECH
47	732417114501	VIGNESH K S	IV MECH
48	732417114503	DIHANANJAYAN K	IV MECH
49	732417114701	ARUN KUMAR K	IV MECH
50	732417114702	MYTHILI G	IV MECH
51	732417114703	JAMES JAYA PRAKASH G	IV MECH
52	732417114704	VIJAY ANAND S	IV MECH
53	732417114705	PRAVEEN KUMAR R	IV MECH
54	732417114706	AJITHA A	IV MECH
55	732417114707	THIRUMOORTHINANDHIA R	IV MECH


 Event Coordinator


 HoD/MECH


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

DEPARTMENT OF MECHANICAL ENGINEERING

Students Attendance List – Research Methodology Programme

“Material Science Research Methods”

From 23.09.2020 to 24.09.2020

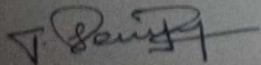
Academic Year : 2020 – 2021 / ODD

S.No.	Reg No.	Name of the Student	Year / Branch	23.09.2020		24.09.2020	
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6.	732419114007	PRIYADHARSHAN G	II/MECH	/	/	/	/
7.	732419114008	SELVENTHIRAN S	II/MECH	/	/	/	/
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27.	732417114029	MUTHUPANDI M	IV/MECH	/	/	/	/
28.	732417114031	MYTHERAYAN K	IV/MECH	/	/	/	/

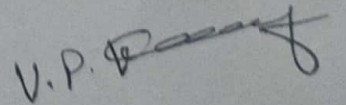

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52.	732417114704	VIJAY ANAND S	IV/MECH	/	/	/	/
53.	732417114705	PRAVEEN KUMAR R	IV/MECH	/	/	/	/
54.	732417114706	AJITHA A	IV/MECH	/	/	/	/
55.	732417114707	THIRUMOORTHINANDHA R	IV/MECH	/	/	/	/




Event Coordinator



HoD/MECH


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

Report on Research Methodology Programme

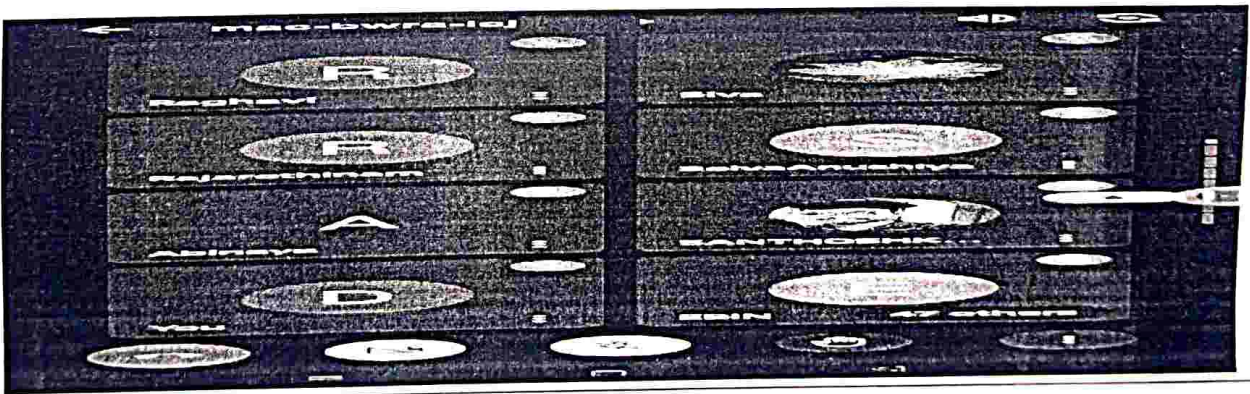
Title:	Material Science Research Methods				
Resource Person:	Mr.N.Karthick, Manager, Suriya Machines, Coimbatore – 641004.		Mr.F.K.Ponnusamy, Trainer, Suriya Machines, Coimbatore – 641004.		
Date of conduct From :	23.09.2020	To:	24.09.2020	Duration:	2 Days
Organized by :	MECHANICAL ENGINEERING in association with IQAC of our Institution				
Academic Year:	2020 - 2021		Semester:	ODD	
Participant Year:	I & II Year -MECH		No. of Students Participated:	55	
Venue:	Online Gmeet - “https://meet.google.com/bjq-ozfc-fnt”				

Outcome of Research Methodology Programme

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

- Gain a comprehensive understanding of the principles of fluid dynamics, including conservation laws, flow regimes, turbulence modeling, and boundary layer theory.
- Learn preprocessing techniques for CFD simulations, including geometry creation, mesh generation, and boundary condition specification.
- Explore different solution methods used in CFD simulations, including steady-state and transient solvers, implicit and explicit solvers, and pressure-velocity coupling algorithms.
- Through hands-on exercises and case studies, participants will have the opportunity to apply CFD research techniques to real-world engineering problems.
- Network with experts in the field, exchange ideas, and identify collaborative research opportunities in CFD and related fields.

Glimpse of Research Methodology Programme Photos



V. Searj
Event Co-ordinator

V. P. Daseeraj
HoD/ MECH

T. S. n
Principal

M. V.

Dr.M.VIJAYAKUMAR ME., Ph.D.,
PRINCIPAL
SASURIE COLLEGE OF ENGINEERING,
Vijayamangalam - 633 056, Tirupur (Dt).



SASURIE COLLEGE OF ENGINEERING

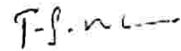
(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)
Vijayamangalam, Tiruppur

CERTIFICATE OF PARTICIPATION

This is to Certify that Mr. VIJAY ANAND S, IV / MECH
has participated in the Research Methodology Program on "Material Science
Research Methods" conducted by the Department of Mechanical Engineering in
association with "Ramdevs Motors" and IQAC of Sasurie College of Engineering from
23.09.2020 to 24.09.2020 during the Academic year 2020-2021.



IQAC Co-ordinator



Principal



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



SASURIE COLLEGE OF ENGINEERING,
Vijayamangalam - 638 056, Tiruppur (DI).



SASURIE COLLEGE OF ENGINEERING

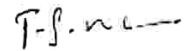
(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)
Vijayamangalam, Tiruppur

CERTIFICATE OF PARTICIPATION

This is to Certify that Mr . HARIHARAN M, IV / MECH
has participated in the Research Methodology Program on "Material Science Research Methods" conducted by the Department of Mechanical Engineering in association with "Ramdevs Motors" and IQAC of Sasurie College of Engineering from 23.09.2020 to 24.09.2020 during the Academic year 2020-2021.



IQAC Co-ordinator



Principal



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



SASURIE COLLEGE OF ENGINEERING

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Vijayamangalam, Tiruppur

CERTIFICATE OF PARTICIPATION

This is to Certify that Mr . BALAJI C S, IV / MECH
has participated in the Research Methodology Program on "Material Science Research Methods" conducted by the Department of Mechanical Engineering in association with "Ramdevs Motors" and IQAC of Sasurie College of Engineering from 23.09.2020 to 24.09.2020 during the Academic year 2020-2021.

IQAC Co-ordinator

Principal



Dr.M.VIJAYAKUMAR ME., Ph.D.,
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SASURIE COLLEGE OF ENGINEERING

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CERTIFICATE OF PARTICIPATION

This is to Certify that Mr . AMULRAJ P, II / MECH
has participated in the Research Methodology Program on "Material Science
Research Methods" conducted by the Department of Mechanical Engineering in
association with "Ramdevs Motors" and IQAC of Sasurie College of Engineering from
23.09.2020 to 24.09.2020 during the Academic year 2020-2021.

IQAC Co-ordinator

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Vijayamangalam, Tiruppur

CERTIFICATE OF PARTICIPATION

This is to Certify that Mr . KISHORE B, II / MECH
has participated in the Research Methodology Program on "Material Science
Research Methods" conducted by the Department of Mechanical Engineering in
association with "Ramdevs Motors" and IQAC of Sasurie College of Engineering from
23.09.2020 to 24.09.2020 during the Academic year 2020-2021.

IQAC Co-ordinator

Principal



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This is to Certify that Mr. SELVENTHIRAN S. II / MECH
has participated in the Research Methodology Program on "Material Science
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23.09.2020 to 24.09.2020 during the Academic year 2020-2021.

IQAC Co-ordinator

Principal



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