



# 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 / RMI / 2019 – 2020 / ODD

29.07.2019

**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 one day seminar for the students of I and II year of MECH on the title “Finite Element Analysis Research Methods” on 02.08.2019. At the end of the programme, participation certificates will be issued to the participants.

<b>Resource Person Details</b>	Rajamanikkam, CEO, Sri Seedeve amman coires, Erode – 638116.	Mr.R.Ajithkumar, Hr, Sri Seedeve amman coires, Erode – 638116.
<b>Venue</b>	<b>Lecture hall of II &amp; III year MECH</b>	

  
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*

One day Research Methodology Programme (RM)

On

“Finite Element Analysis Research Methods”

Date : 02.08.2019

Venue: Lecture hall of II & III year MECH

### Resource Persons

*Mr. Rajamanikkam,*  
*CEO,*

*Sri Seedevi amman coires,*  
*Erode-638116.*

*Mr. R. Ajithkumar,*  
*HR,*

*Sri Seedevi amman coires,*  
*Erode-638116.*

*in the esteemed presence of*

*Dr. K. Pandiarajan*

*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, Tiruppur (Dt).

DEPARTMENT OF MECHANICAL ENGINEERING

Students Participation List – Research Methodology Programme

**“Finite Element Analysis Research Methods”**

On 02.08.2019

Academic Year : 2019 -2020 /ODD


S.No.	Reg No.	Name of the Student	Year / Branch
1.	732417114001	ALBERT STEEPHEN S	III MECH
2.	732417114003	ANITH KUMAR V	III MECH
3.	732417114004	ARAVINDAKUMAR G	III MECH
4.	732417114006	BALAJI C S	III MECH
5.	732417114007	BALAJI G	III MECH
6.	732417114010	DHAYANIDHI R	III MECH
7.	732417114011	DHINESH KUMAR K	III MECH
8.	732417114012	GANESHKUMAR P	III MECH
9.	732417114013	GOWTHAM M	III MECH
10.	732417114014	HARIHARAN M	III MECH
11.	732417114016	HARI KRISHNA M	III MECH
12.	732417114017	JAGADEESHKUMAR M	III MECH
13.	732417114019	KALIRAJ R	III MECH
14.	732417114020	KAMALESH P	III MECH
15.	732417114023	KAVINKUMAR V	III MECH
16.	732417114025	KRISHNAMOORTHY P	III MECH
17.	732417114026	LOGAPRIYAN E	III MECH
18.	732417114028	MURUGANANDAM K	III MECH
19.	732417114029	MUTHUPANDI M	III MECH
20.	732417114031	MYTHERAYAN K	III MECH
21.	732417114032	NITHISH KUMAR R	III MECH
22.	732417114033	POORAGAVAN P	III MECH
23.	732417114036	RAVIKUMAR R	III MECH
24.	732417114037	SANJAY P	III MECH
25.	732417114038	SANTHANAM P	III MECH
26.	732417114039	SATHYANARAYANAN S	III MECH
27.	732417114040	SHEIK BARIDH A	III MECH
28.	732417114041	SRIDHAR S	III MECH
29.	732417114042	SUGANRAJ P	III MECH
30.	732417114043	SURIYAPRAKASH P	III MECH

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**Students Participation List – Research Methodology Programme**

S.No.	Reg No.	Name of the Student	Year / Branch
31.	732417114045	VASANTHA KUMAR S	III-MECH
32.	732417114047	VILMURUGAN S	III-MECH
33.	732417114048	VENGATILSAN M	III-MECH
34.	732417114049	VITRIVEL S	III-MECH
35.	732417114050	VIGNISHWARAN R	III-MECH
36.	732417114052	VIJIPRIYADHARSAN P	III-MECH
37.	732417114053	VISHNUKUMAR S	III-MECH
38.	732417114301	HEYSON K J	III-MECH
39.	732417114501	VIGNISHK S	III-MECH
40.	732417114503	DHANANJAYAN K	III-MECH
41.	732417114701	ARUN KUMAR K	III-MECH
42.	732417114702	MYTHILIG	III-MECH
43.	732417114703	JAMES JAYA PRAKASH G	III-MECH
44.	732417114704	VIJAY ANAND S	III-MECH
45.	732417114705	PRAVEEN KUMAR R	III-MECH
46.	732417114706	AJITHA A	III-MECH
47.	732417114707	THIRUMOORTHINANDHA R	III-MECH
48.	732416114002	ADARSH C M	IV-MECH
49.	732416114003	AJITHKUMAR K	IV-MECH
50.	732416114004	ALEXPANDIYAN R	IV-MECH
51.	732416114005	ANANTHASUBRAMANIYAM R	IV-MECH
52.	732416114006	BHARATH M	IV-MECH
53.	732416114007	BHARATHI T	IV-MECH
54.	732416114008	DEENADHAYAL R	IV-MECH
55.	732416114009	DHANASEKARAN P	IV-MECH
56.	732416114010	DHANASEKARAN S	IV-MECH
57.	732416114011	DHILIPKUMAR P	IV-MECH
58.	732416114012	DILIP K	IV-MECH
59.	732416114013	DINESH KUMAR T	IV-MECH
60.	732416114014	ELANGO VAN M	IV-MECH
61.	732416114015	ELANGO VAN T	IV-MECH
62.	732416114016	GOWTHAM L	IV-MECH
63.	732416114017	JAGATHEESH G	IV-MECH
64.	732416114018	JINU JALEEL	IV-MECH
65.	732416114019	JOBIN C J	IV-MECH
66.	732416114021	KATHIRESH B	IV-MECH


  
**Dr.M.VIJAYAKUMAR** M.E. Ph.D.,  
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**Students Participation List – Research Methodology Programme**

S.No.	Reg No.	Name of the Student	Year / Branch
67.	732416114022	KAVIN P	IV MECH
68.	732416114023	KAVINKUMAR S	IV MECH
69.	732416114024	LAKSHMANAN S	IV MECH
70.	732416114026	MOHAMMED LAZIL V	IV MECH
71.	732416114027	NAVANEETHAKRISHNAN K	IV MECH
72.	732416114028	NEELAMANIKANDAN S	IV MECH
73.	732416114029	NIKHIL RAJ	IV MECH
74.	732416114030	PRAVEENKUMAR S	IV MECH
75.	732416114031	RABERT D	IV MECH
76.	732416114032	RAGUNATH K	IV MECH
77.	732416114033	RAHUL RAMACHANDRAN	IV MECH
78.	732416114034	RAMANUJ DUBEY A	IV MECH
79.	732416114035	RANJITH S I	IV MECH
80.	732416114036	RANJITHKUMAR A	IV MECH
81.	732416114037	SAFREENA NOOR ARIMBRATHODI	IV MECH
82.	732416114038	SANTHOSH KUMAR K	IV MECH
83.	732416114040	SATHYAKUMAR S	IV MECH
84.	732416114041	SELVAMANI G	IV MECH
85.	732416114042	SELVAMANIKANDAN K	IV/MECH
86.	732416114043	SHANMUGAM R	IV/MECH
87.	732416114044	SHANMUGANATHAN	IV/MECH
88.	732416114045	SRIDHAR CHANDHRU H	IV/MECH
89.	732416114046	SUBASH S	IV/MECH
90.	732416114047	THARANITHARAN S	IV MECH
91.	732416114049	VAIRAMUTHU S	IV MECH
92.	732416114050	VASANTH M	IV MECH
93.	732416114051	VENKATESAN K	IV MECH
94.	732416114052	VIGNESH A	IV MECH
95.	732416114054	VIJAY E	IV MECH
96.	732416114055	VIJAY PRASATH E	IV MECH
97.	732416114302	PARVEZ A	IV/MECH
98.	732416114503	VIGNESH S	IV/MECH
99.	732416114502	MOHANKUMAR P	IV/MECH

  
 Event Coordinator

  
 HoD/MECH


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**“Finite Element Analysis Research Methods”**

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4.	732417114006	BAI A I C S	III MECH	<i>[Signature]</i>
5.	732417114007	BALAJI G	III MECH	<i>[Signature]</i>
6.	732417114010	DHAYANIDHI R	III MECH	<i>[Signature]</i>
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19.	732417114029	MUTHUPANDI M	III MECH	<i>[Signature]</i>
20.	732417114031	MYTHERAYAN K	III MECH	<i>[Signature]</i>
21.	732417114032	NITHISH KUMAR R	III MECH	<i>[Signature]</i>
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25.	732417114038	SANTHANAM P	III MECH	<i>[Signature]</i>
26.	732417114039	SATHYANARAYANAN S	III MECH	<i>[Signature]</i>
27.	732417114040	SHEIK BARIDH A	III MECH	<i>[Signature]</i>
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**Students Participation List - Research Methodology Programme**

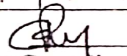
S.No.	Reg No.	Name of the Student	Year / Branch	Signature
30.	732417114043	SURIYAPRAKASH P	III/MECH	P. Surya Prakash
31.	732417114045	VASANTHA KUMAR S	III/MECH	S. Vasanthakumari
32.	732417114047	VELMURUGAN S	III/MECH	S. Velmurugan
33.	732417114048	VENGATESAN M	III/MECH	M. Vengatesan
34.	732417114049	VE TRIVEL S	III/MECH	S. Ve Trivel
35.	732417114050	VIGNESHWARAN R	III/MECH	R. Vigneshwaran
36.	732417114052	VIJIPRIYADHARSAN P	III/MECH	P. Vijipriyadharasan
37.	732417114053	VISHNUKUMAR S	III/MECH	S. Vishnukumar
38.	732417114301	HEYSON K J	III/MECH	K. J. Heyson
39.	732417114501	VIGNESH K S	III/MECH	S. Vignesh K S
40.	732417114503	DIHANANJAYAN K	III/MECH	K. Dihananjayan
41.	732417114701	ARUN KUMAR K	III/MECH	K. Arun Kumar
42.	732417114702	MYTHILI G	III/MECH	G. Mythili
43.	732417114703	JAMES JAYA PRAKASH G	III/MECH	G. James Jaya Prakash
44.	732417114704	VIJAY ANAND S	III/MECH	S. Vijay Anand
45.	732417114705	PRAVEEN KUMAR R	III/MECH	R. Praveen Kumar
46.	732417114706	AJITHA A	III/MECH	A. Ajitha
47.	732417114707	THIRUMOORTHINANDHA R	III/MECH	R. Thirumoorthinandha
48.	732416114002	ADARSH C M	IV/MECH	M. Adarsh C M
49.	732416114003	AJITHKUMAR K	IV/MECH	K. Ajith Kumar
50.	732416114004	ALEXPANDIYAN R	IV/MECH	R. Alexpandian
51.	732416114005	ANANTHASUBRAMANIYAM R	IV/MECH	R. Ananthasubramaniyam
52.	732416114006	BHARATH M	IV/MECH	M. Bharath
53.	732416114007	BHARATHI I	IV/MECH	I. Bharathi
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57.	732416114011	DHILEEPKUMAR P	IV/MECH	P. Dhileep Kumar
58.	732416114012	DILIP K	IV/MECH	K. Dilip
59.	732416114013	DINESH KUMAR T	IV/MECH	T. Dinesh Kumar
60.	732416114014	ELANGO VAN M	IV/MECH	M. Elango Van
61.	732416114015	ELANGO VAN I	IV/MECH	I. Elango Van
62.	732416114016	GOWTHAM I	IV/MECH	I. Gowtham
63.	732416114017	JAGATHEESH G	IV/MECH	G. Jagatheesh
64.	732416114018	JINU JALFEL	IV/MECH	F. Jinu Jalfel
65.	732416114019	JOBIN C J	IV/MECH	J. Jobin C J

  
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**Students Participation List - Research Methodology Programme**

S.No.	Reg No.	Name of the Student	Year / Branch	Signature
66	732416114021	KATHIRESH B	IV/MECH	B. Kathiresh
67	732416114022	KAVIN P	IV/MECH	P. Kavini
68	732416114023	KAVINKUMAR S	IV/MECH	S. Kavini
69	732416114024	LAKSHIMANAN S	IV/MECH	S. Lakshmanan
70	732416114026	MOHAMMED FAZIL V	IV/MECH	V. Fazil
71	732416114027	NAVANEETHAKRISHNAN K	IV/MECH	K. Navaneetha
72	732416114028	NFEI AMANIKANDAN S	IV/MECH	S. Nfeikanandan
73	732416114029	NIKHIL RAJ	IV/MECH	Raj Nikhil
74	732416114030	PRAVEENKUMAR S	IV/MECH	S. Praveen
75	732416114031	RABERT D	IV/MECH	D. Rabert
76	732416114032	RAGUNATH K	IV/MECH	K. Ragunath
77	732416114033	RAHUL RAMACHANDRAN	IV/MECH	R. Ramachandran
78	732416114034	RAMANUJ DUBEY A	IV/MECH	A. Ramanuj
79	732416114035	RANJITH S I	IV/MECH	S. Ranjith
80	732416114036	RANJITHKUMAR A	IV/MECH	A. Ranjith
81	732416114037	SAFREENA NOOR ARIMBRATHODI	IV/MECH	A. Safrana
82	732416114038	SANTHOSH KUMAR K	IV/MECH	K. Santosh
83	732416114040	SATHYAKUMAR S	IV/MECH	S. Sathyakumar
84	732416114041	SELVAMANI G	IV/MECH	G. Selvamani
85	732416114042	SELVAMANIKANDAN K	IV/MECH	K. Selvamani
86	732416114043	SHANMUGAM R	IV/MECH	R. Shanmugam
87	732416114044	SHANMUGANATHAN	IV/MECH	N. Shanmuganathan
88	732416114045	SRIDHAR CHANDHRU H	IV/MECH	H. Sridhar
89	732416114046	SUBASH S	IV/MECH	S. Subash
90	732416114047	THARANITHARAN S	IV/MECH	S. Tharanitharan
91	732416114049	VAIRAMUTHU S	IV/MECH	S. Vaikram
92	732416114050	VASANTH M	IV/MECH	M. Vasanth
93	732416114051	VENKATESAN K	IV/MECH	K. Venkatesan
94	732416114052	VIGNESH A	IV/MECH	A. Vignesh
95	732416114054	VIJAY E	IV/MECH	E. Vijay
96	732416114055	VIJAY PRASATH E	IV/MECH	E. Vijay
97	732416114302	PARVEZ A	IV/MECH	A. Parvez
98	732416114303	VIGNESH S	IV/MECH	S. Vignesh
99	732416114502	MOHANKUMAR P	IV/MECH	P. Mohan

  
 Event Coordinator

  
 HoD/MECH


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Students Attendance List – Research Methodology Programme


**“Finite Element Analysis Research Methods”**

On 02.08.2019

Academic Year : 2019 -2020 / ODD

S.No.	Reg No.	Name of the Student	Year / Branch	02.08.2019		Signature
				FN	AN	
1	732417114001	ALBERT STEPHENS	III MECH	/	/	A. Albert
2	732417114003	ANITH KUMAR V	III MECH	/	/	V. Anith
3	732417114004	ARAVINDAKUMAR G	III MECH	/	/	G. Aravind
4	732417114006	BALAJI C S	III MECH	/	/	C.S. Balaji
5	732417114007	BALAJI G	III MECH	/	/	G. Balaji
6	732417114010	DHAYANIDHIR	III MECH	/	/	D. Dhayanidhir
7	732417114011	DHINESH KUMAR K	III MECH	/	/	K. Dhinesh
8	732417114012	GANESHKUMAR P	III MECH	/	/	P. Ganesh
9	732417114013	GOWTHAM M	III MECH	/	/	M. Gowtham
10	732417114014	HARIHARAN M	III MECH	/	/	M. Hariharan
11	732417114016	HARI KRISHNA M	III MECH	/	/	M. Hari Krishna
12	732417114017	JAGADEESHKUMAR M	III MECH	/	/	M. Jagadeesh
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16	732417114025	KRISHNAMOORTHY P	III MECH	/	/	P. Krishnamoorthy
17	732417114026	LOGAPRIYAN E	III MECH	/	/	E. Logapriyan
18	732417114028	MURUGANANDAM K	III MECH	/	/	K. Muruganandam
19	732417114029	MUTHUPANDI M	III MECH	/	/	M. Muthupandi
20	732417114031	MYTHERAYAN K	III MECH	/	/	K. Mytherayan
21	732417114032	NITHISH KUMAR R	III MECH	/	/	R. Nithish
22	732417114033	POORAGAVAN P	III MECH	/	/	P. Pooragavan
23	732417114036	RAVIKUMAR R	III MECH	/	/	R. Ravikumar
24	732417114037	SANJAY P	III MECH	/	/	P. Sanjay
25	732417114038	SANTHANAM P	III MECH	/	/	P. Santham
26	732417114039	SATHYANARAYANAN S	III MECH	/	/	S. Sathyanarayanan
27	732417114040	SHEIK BARIDH A	III MECH	/	/	A. Sheik Baridh
28	732417114041	SRIDHAR S	III MECH	/	/	S. Sridhar
29	732417114042	SUGANRAJ P	III MECH	/	/	P. Suganraj


  
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30	732417114043	SURIYAPRAKASH P	III MECH	/	/	P. Suganay
31	732417114045	VASANTHA KUMAR S	III MECH	/	/	S. V. S. Srinivasan
32	732417114047	VIMURUGAN S	III MECH	/	/	S. V. S. Srinivasan
33	732417114048	VINGATESAN M	III MECH	/	/	N. Vejh
34	732417114049	VETRIVEL S	III MECH	/	/	S. Srinivasan
35	732417114050	VIGNISHWARAN R	III MECH	/	/	R. Vignish
36	732417114052	VIIIPRIYADHARSAN P	III MECH	/	/	V. Vignish
37	732417114053	VISHNUKUMAR S	III MECH	/	/	S. V. S. Srinivasan
38	732417114301	HEYSON K J	III MECH	/	/	S. V. S. Srinivasan
39	732417114501	VIGNESH K S	III MECH	/	/	K. S. Vignesh
40	732417114503	DHANANJAYAN K	III MECH	/	/	K. S. Vignesh
41	732417114701	ARUN KUMAR K	III MECH	/	/	K. S. Vignesh
42	732417114702	MYTHILIG	III MECH	/	/	K. S. Vignesh
43	732417114703	JAMES JAYA PRAKASH G	III MECH	/	/	K. S. Vignesh
44	732417114704	VIJAYANAND S	III MECH	/	/	K. S. Vignesh
45	732417114705	PRAVLEN KUMAR R	III MECH	/	/	K. S. Vignesh
46	732417114706	AJITHA A	III MECH	/	/	A. Ajitha
47	732417114707	THIRUMOORTHINANDHA R	III MECH	A	A	R. Thirumoth
48	732416114002	ADARSH C M	IV MECH	/	/	A. Adarsh
49	732416114003	AJITHKUMAR K	IV MECH	/	/	K. Ajith
50	732416114004	ALEXPANDIYAN R	IV MECH	/	/	R. Alex
51	732416114005	ANANTHASUBRAMANIYAM R	IV MECH	/	/	R. Ananth
52	732416114006	BHARATH M	IV MECH	/	/	M. Bharath
53	732416114007	BHARATHI T	IV MECH	/	/	T. Bharathi
54	732416114008	DEENADHAYAL R	IV MECH	/	/	R. Deenadh
55	732416114009	DHANASIKARAN P	IV MECH	/	/	P. Dhana
56	732416114010	DHANASIKARANS	IV MECH	/	/	S. Dhana
57	732416114011	DHILEPKUMAR P	IV MECH	/	/	P. Dhilep
58	732416114012	DILIP K	IV MECH	/	/	K. Dilip
59	732416114013	DINESH KUMAR T	IV MECH	/	/	T. Dinesh
60	732416114014	ELANGO VAN M	IV MECH	/	/	M. Elango
61	732416114015	ELANGO VAN T	IV MECH	/	/	T. Elango
62	732416114016	GOWTHAM I	IV MECH	/	/	I. Gowtham
63	732416114017	JAGATHEESH G	IV MECH	/	/	G. Jagathe
64	732416114018	JINU JALFEL	IV MECH	/	/	J. Jinfel
65	732416114019	JOBIN C J	IV MECH	/	/	J. Jobin

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


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



**Students Participation List – Research Methodology Programme**

S.No.	Reg No.	Name of the Student	Year / Branch	02.08.2019		Signature
				IN	AN	
66.	732416114021	KATHIRESH B	IV MECH	/	/	B.Kathiresh
67.	732416114022	KAVIN P	IV MECH	/	/	K. King
68.	732416114023	KAVINKUMAR S	IV MECH	/	/	S. King
69.	732416114024	LAKSHIMANAN S	IV MECH	/	/	(S. King)
70.	732416114026	MOHAMMED FAZIL V	IV MECH	/	/	M. Fazil
71.	732416114027	NAVANEETHAKRISHNAN K	IV MECH	/	/	N. Navaneetha
72.	732416114028	NEELAMANIKANDAN S	IV MECH	/	/	N. Neelamani
73.	732416114029	NIKHIL RAJ	IV MECH	/	/	N. Nikhil
74.	732416114030	PRAVEENKUMAR S	IV MECH	/	/	P. Praveen
75.	732416114031	RABERT D	IV MECH	/	/	R. Rabert
76.	732416114032	RAGUNATH K	IV MECH	/	/	R. Ragunath
77.	732416114033	RAHUL RAMACHANDRAN	IV MECH	/	/	R. Rahul
78.	732416114034	RAMANUJ DUBEY A	IV MECH	/	/	R. Ramanuj
79.	732416114035	RANJITH S I	IV MECH	/	/	R. Ranjith
80.	732416114036	RANJITHKUMAR A	IV MECH	/	/	R. Ranjith
81.	732416114037	SAFREENA NOOR ARIMBRATHODI	IV MECH	/	/	S. Safreena
82.	732416114038	SANTHOSH KUMAR K	IV MECH	/	/	S. Santosh
83.	732416114040	SATHYAKUMAR S	IV MECH	/	/	S. Sathyakumar
84.	732416114041	SELVAMANI G	IV MECH	/	/	S. Selvamani
85.	732416114042	SELVAMANIKANDAN K	IV MECH	/	/	S. Selvamani
86.	732416114043	SHANMUGAM R	IV MECH	/	/	S. Shanmugam
87.	732416114044	SHANMUGANATHAN	IV MECH	/	/	S. Shanmuganathan
88.	732416114045	SRIDHAR CHANDHRU H	IV MECH	/	/	S. Sridhar
89.	732416114046	SUBASH S	IV MECH	/	/	S. Subash
90.	732416114047	THARANITHARAN S	IV MECH	/	/	S. Tharanitharan
91.	732416114049	VAIRAMUTHU S	IV MECH	/	/	S. Vairamuthu
92.	732416114050	VASANTH M	IV MECH	/	/	S. Vasanth
93.	732416114051	VENKATESAN K	IV MECH	/	/	S. Venkatesan
94.	732416114052	VIGNESH A	IV MECH	/	/	S. Vignesh
95.	732416114054	VIJAY E	IV MECH	/	/	S. Vijay
96.	732416114055	VIJAY PRASATH E	IV MECH	/	/	S. Vijay Prasad
97.	732416114302	PARVEZ A	IV MECH	/	/	S. Parvez
98.	732416114303	VIGNESH S	IV MECH	/	/	S. Vignesh
99.	732416114502	MOHANKUMAR P	IV MECH	/	/	P. Mohankumar

Event Coordinator

HoD/MECH

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

## Report on Research Methodology Programme

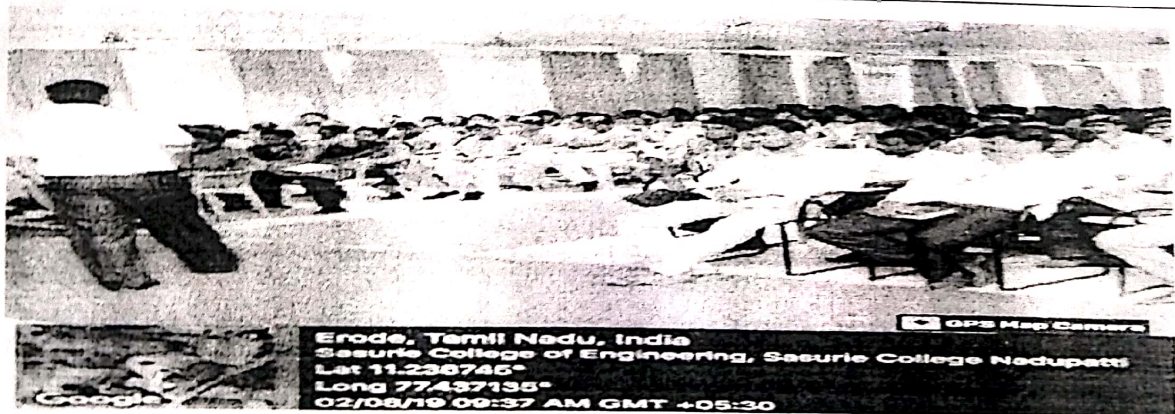
Title:	Finite Element Analysis Research Methods		
Resource Person:	Rajamanikkam, CEO, Sri Seedeve amman coires, Erode – 638116.	Mr.R.Ajithkumar, Hr, Sri Seedeve amman coires, Erode – 638116.	
Date of conduct ON :	02.08.2019	To: -	Duration: 1 Day
Organized by :	MECHANICAL ENGINEERING in association with IQAC of our Institution		
Academic Year:	2019 – 2020	Semester:	ODD
Participant Year:	I & II Year -MECH	No. of Students Participated:	99
Venue:	Lecture hall of II & III year MECH		

### 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 and fundamentals of finite element analysis (FEA), including the theory of elasticity, discretization methods.
- Learn how to use FEA software tools such as ANSYS, Abaqus, COMSOL Multiphysics, and LS-DYNA for modeling and simulating mechanical, thermal, fluid, and electromagnetic systems.
- Gain proficiency in mesh generation techniques for FEA models, including structured and unstructured meshing, mesh refinement strategies.
- Learn techniques for modeling material properties and behavior in FEA simulations, including linear and nonlinear material models.
- Explore heat transfer analysis techniques in FEA, including conduction, convection, and radiation heat transfer.

### Glimpse of Research Methodology Programme Photos



*C. Praveen*  
Event Co-ordinator

*V. P. Devaraj*  
HoD/ MECH

*U. P. Chellu*  
Principal



# SASURIE COLLEGE OF ENGINEERING

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Vijayamangalam, Tiruppur

## CERTIFICATE OF PARTICIPATION

This is to Certify that Mr / Ms. .... Ms . MYTHILI G, III / MECH.....  
has participated in the Research Methodology Program on "Finite Element Analysis  
Research Methods" conducted by the Department of Mechanical Engineering in  
association with "Sri Seedeve amman coirs" and IQAC of Sasurie College of  
Engineering on 02.08.2019 during the Academic year 2019-2020.

*P. Anandaraman*

**IQAC Co-ordinator**

*Dr. M. Vijayakumar*

**Principal**



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



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This is to Certify that ..... Mr . THARANITHARAN S. IV / MECH .....  
has participated in the Research Methodology Program on "Finite Element Analysis  
Research Methods" conducted by the Department of Mechanical Engineering in  
association with "Sri Seedevi amman coirs" and IQAC of Sasurie College of  
Engineering on 02.08.2019 during the Academic year 2019-2020.

*P. Manoj Kumar*

**IQAC Co-ordinator**

*U. P. Chelvan*

**Principal**

*Dr. M. Vijayakumar*

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



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



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Vijayamangalam, Tiruppur

## CERTIFICATE OF PARTICIPATION

This is to Certify that ..... Mr. VIJAY PRASATH E, IV / MECH .....  
has participated in the Research Methodology Program on "Finite Element Analysis  
Research Methods" conducted by the Department of Mechanical Engineering in  
association with "Sri Seedeivi amman coirs" and IQAC of Sasurie College of  
Engineering on 02.08.2019 during the Academic year 2019-2020.

*[Handwritten Signature]*

**IQAC Co-ordinator**

*[Handwritten Signature]*

**Principal**

*[Handwritten Signature]*  
**Dr.M.VIJAYAKUMAR ME., Ph.D.,**  
PRINCIPAL  
SASURIE COLLEGE OF ENGINEERING,  
Vijayamangalam - 638 056, Tiruppur (Dt).





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Vijayamangalam, Tiruppur

## CERTIFICATE OF PARTICIPATION

This is to Certify that ..... Mr . ADARSH C M, IV / MECH .....  
has participated in the Research Methodology Program on "Finite Element Analysis  
Research Methods" conducted by the Department of Mechanical Engineering in  
association with "Sri Seedevi amman coirs" and IQAC of Sasurie College of  
Engineering on 02.08.2019 during the Academic year 2019-2020.

*[Handwritten Signature]*

**IQAC Co-ordinator**

*[Handwritten Signature]*

**Principal**

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



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## CERTIFICATE OF PARTICIPATION

This is to Certify that ..... **Mr. DHAYANIDHI R, III / MECH** .....  
has participated in the Research Methodology Program on "Finite Element Analysis  
Research Methods" conducted by the Department of Mechanical Engineering in  
association with "Sri Seedevi amman coirs" and IQAC of Sasurie College of  
Engineering on 02.08.2019 during the Academic year 2019-2020.

*[Handwritten Signature]*

**IQAC Co-ordinator**

*[Handwritten Signature]*

**Principal**

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



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## CERTIFICATE OF PARTICIPATION

This is to Certify that ..... Mr. ALBERT STEEPHEN S, III / MECH .....  
has participated in the Research Methodology Program on "Finite Element Analysis  
Research Methods" conducted by the Department of Mechanical Engineering in  
association with "Sri Seedevi amman coirs" and IQAC of Sasurie College of  
Engineering on 02.08.2019 during the Academic year 2019-2020.

*P. Anandaraman*

**IQAC Co-ordinator**

*V. P. Gurusamy*

**Principal**

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