

**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**



SASURIE COLLEGE OF ENGINEERING





#### DEPARTMENT OF MECHANICAL ENGINEERING

Ref. SCE / MECH Students / RM / 2019 - 2020 / EVEN

08.06.2020

PRINCIPAL.

#### 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 Engineeringin association with IQAC of our Institution, is planning to conduct two days workshop for the students of I and Il year of MECH on the title "Modeling and Simulation in Mechanical Engineering Research" from 12.06.2020 to 13.06.2020. 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	http://meet.google.com/pzs-bs	vu-btr

V.P. Q HoD/MECH

Copy 10:

1. Chairman & Secretary for information

2. Principal office

3. 10AC Co-Ordinator

4 Class In charges - I and II year of MECH

5.1 and II year of MECH Students

6. MECH Notice Board

7. Department File





## SASURIE COLLEGE OF ENGINEERING

Vijayamangalam, Tiruppur (Approved by AICTE, New Delhi, Affiliated to Anna University, Chennal - 600925)

#### DEPARTMENT OF MECHANICAL ENGINEERING

in association with IQAC

Cordially invites

Two days Research Methodology Programme (RM)

On

"Modeling and Simulation in Mechanical Engineering Research"

Date : 12.06.2020 to 13.06.2020

Venue: http://meet.google.com/pzs-bsvu-btr

**Resource** Persons

Er.S.Sankar Prasath, Managing Director, Venkateshwara Constructions, Tirupur- 641604. Er.R.Mohan, CEO, Venkateshwara Constructions, Tirupur- 641604.

in the esteemed presence of Dr.R.Radhakrishnan Principal

Shri A.M.Kandaswami Chairman Ms. K. Sawitha Moganraj Secretary





#### DEPARTMENT OF MECHANICAL ENGINEERING

#### Students Participation List - Research Methodology Programme

#### "Modeling and Simulation in Mechanical Engineering Research"

#### From 12.06.2020 to 13.06.2020

#### Academic Year : 2019 - 2020 / EVEN

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	111/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	111/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	MYTHERAYANK	III/MECH
21.	732417114032	SITHISH KUMAR R	HI/MECH
22.	732417114033	FOORAGAVAN	IIPMECH
23.	732417114036	RAVIKUMAR R	IIVMECH
24.	732417114037	SANJAY P	III/MECH .
25.	732417114038	SANTHANAMP	III/MECH
26.	732417114039	SATHYANARAYANAN S	HUMECH
27.	732417114040	SHEIK BARIDH A	III/MECH
28	732417114041	SRIDHAR S	- III/MECH
29.	732417114042	SUGANRAJ P	UI/MECH
30.	732417114043	SURIVAPRAKASHP	HI/MECH.
8 V .	THE OWNER AND	an an and the second of the second of the second of the second of the second	and a star spectrum







#### Students Participation List - Research Methodology Programme

S.No.	Reg Nø.	Name of the Student	Year / Branch
31.	732417114045	VASANTHA KUMAR S	III/MECH
32.	732417114047	VELMURUGAN S	III/MECH
33.	732417114048	VENGATESAN M	III/MECH
34.	732417114049	VETRIVEL S	III/MECH
35.	732417114050	VIGNESHWARAN R	III/MECH
36.	732417114052	VIJIPRIYADHARSAN P	III/MECH
37.	732417114053	VISHNUKUMAR S	III/MECH
38.	732417114301	HEYSON K J	III/MECH
39.	732417114501	VIGNESH K S	III/MECH
40.	732417114503	DHANANJAYAN K	III/MECH
41.	732417114701	ARUN KUMAR K	'III/MECH
42.	732417114702	MYTHILI G	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	АЛТНА А	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	BHARATHIT	IV/MECH
54.	732416114008	DEENADHAYAL R	IV/MECH
55.	732416114009	DHANASEKARAN P	IV/MECH
56.	732416114010	DHANASEKARAN S	IV/MECH
57.	732416114011	DHILEEPKUMAR P	IV/MECH
58.	732416114012	DILIP K	IV/MECH
59.	732416114013	DINESH KUMAR T	IV/MECH
60.	732416114014	ELANGOVAN M	IV/MECH
61.	732416114015	ELANGOVAN T	IV/MECH
62.	732416114016	GOWTHAML	IV/MECH
63.	732416114017	JAGATHEESH G	IV/MECH
All and the second second	732416114018	JINU JALEEL	IV/MECH
64.	732416114019	JOBIN CJ	IVMECH
65,	Transferrance ?	KATHIRESH B	IV/MECH





#### 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 FAZIL 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	RAGUNATHK	IV/MECH
77.	732416114033	RAHUL RAMACHANDRAN	IV/MECH
78.	732416114034	RAMANUJ DUBEY A	IV/MECH
79.	732416114035	RANJITH SI	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
	732416114044	SHANMUGANATHAN	IV/MECH
87.	732416114045	SRIDHAR CHANDHRU H	IV/MECH
88.	732416114046	SUBASH S	IV/MECH
89.	732416114047	THARANITHARAN S	IV/MECH
90.	732416114049	VAIRAMUTHUS	IV/MECH
91.	732416114050	VASANTH M	IV/MECH
92	and a series of the second sec	VENKATESAN K	IV/MECH
93.	732416114051	VIGNESH A	IV/MECH
94.	732416114052	YUAY PRASATHE	IV/MECH
95.	732416114055	PARVEZA	IV/MECH
96.	732416114392	VIGNESH S	IV/MECH
97	732416114303	MOHANKUMAR P	IV/MECH
18.	732416114502	LMMARKANNI	to an un anno an anna anna.

Event Coordinator



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## DEPARTMENT OF MECHANICAL ENGINEERING

## Students Attendance List - Research Methodology Programme

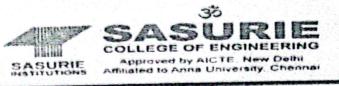
## "Modeling and Simulation in Mechanical Engineering Research"

#### From 12.06.2020 to 13.06.2020

Academic Year : 2019 - 2020 / EVEN

		Van	Year /	12.06.202		20 13.06.2020		
S.No.	Reg No.	Name of the Student	Branch	FN	AN	FN	AN	
	732417114001	ALBERT STEEPHEN S	III/MECH	1 -	1	1_	14	
1.	732417114003	ANITH KUMAR V	III/MECH	1	1	1	1	
	732417114004	ARAVINDAKUMAR G	HI/MECH	1	1		1	
3	732417114004	BALAJICS	III/MECH	1	1	1	1	
4.	732417114007	BALAJI G	III/MECH	1	1	1	1	
5	732417114010	DHAYANIDHI R	III/MECH	1		1	$\mathbb{P}$	
6.	732417114010	DHINESH KUMAR K	III/MECH	1	1	12	1	
7	732417114012	GANESHKUMAR P	III/MECH	Lee	1	1	1	
8	732417114012	GOWTHAM M	III/MECH	1	1	1	1	
) <u>.</u>	732417114013	HARIHARAN M	III/MECH	1	1	1	1	
10.	732417114014	HARI KRISHNA M	III/MECH	212	1	1	11	
11.	732417114010	JAGADEESHKUMAR M	III/MECH	1	1	1	1	
2.	732417114017	KALIRAJ R	III/MECH	1	1	1	1	
13.	732417114019	KAMALESH P	III/MECH	1	1	1	1	
14.	732417114020	KAVINKUMAR V	III/MECH	Y	1	10	1	
15.	732417114025	KRISHNAMOORTHY P	HI/MECH	A	A	1	1	
16.	I want the set of the	LOGAPRIYAN E	III/MECH	1	1	1	1	
17.	732417114026	MURUGANANDAM K	III/MECH	1	1	1	11	
18.	732417114028	MUTHUPANDI M	III/MECH	1	1	1	1	
19.	732417114029	MYTHERAYANK	III/MECH		to the	1	1	
20.	732417114031	NITHISH KUMAR R	III/MECH	1.	111	1	1	
21	732417114032	POORAGAVAN P	III/MECH	1	1	1	1	
22.	732417114033	RAVIKUMAR R	III/MECH	1	1	7	1	
23.	732417114036	- In the second second and a second the second s	HI/MECH	1	1 Parts	A	1	
24.	732417114037	SANJAY P	III/MECH	7	7	1 A	TT	
25	732417114938	SANTHANAM P	IN/MECH	1.7	273		137	
26	732417114039	SATHYANARAYANAN S	III/MECH	P. What	7	T	17	
27	732417114040	SHEIK BARIDH A	пимесн		17	Ser Star	A	
28	732417114041	SRIDHAR S	III/MECH	177	1	a har star	1.uT	
29,	732417114042	SUGANRAJ P	Antonia the second second	the second second	bernhaim	- A. e. George	Anter Martin	

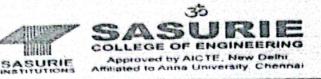




## Students Attendance List - Research Methodology Programme

	and the second		Year /	12.06	.2020	13.06.2020	
S.No.	Reg No.	Name of the Student	Branch	FN	AN	FN	AN
30	732417114043	SURIYAPRAKASHP	III/MECH	1	1	1	1
31	32417114045	VASANTHA KUMAR'S	III/MECH	1	1	1	1
52.	732417114047	VELMURUGAN S	III/MECH	1	1	1_	1
32	732417114048	VENGATESAN M	W/MECH	1	1		1
34.	732417114049	VETRIVEL S	III/MECH	1	1	1	
35	732417114050	VIGNESHWARAN R	HI/MECH	1	/	1	1
36	732417114052	VIJIPRIYADHARSAN P	III/MECH	1	/	1	
37	732417114053	VISHNUKUMAR S	III/MECH	1	1	1_1_	1
38.	732417114301	HEYSON K J	III/MECH	1	1	1	1
39.	732417114501	VIGNESH K S	III/MECH	1	1	1	1
40.	732417114503	DHANANJAYAN K	III/MECH	1	1	1	1
41	732417114701	ARUN KUMAR K	III/MECH	A	·A	1	1
47.	732417114702	MYTHILI G	III/MECH	1	1	1	1
43.	732417114703	JAMES JAYA PRAKASH G	III/MECH	1	<u> </u>	1	1
44	732417114704	VIJAY ANAND S	III/MECII	1	1	1_	1
45	732417114705	PRAVEEN KUMAR R	III/MECH	1	1	1	1
46.	732417114706	АЛТНА А	III/MECH	1	1	1	1
47	732417114707	THIRUMOORTHINANDHA R	III/MECH	1	.1	1	1
48.	732416114002	ADARSH C M	IV/MECH	1	1	1.	1
49.	732416114003	AJITHKUMAR K	IV/MECH	1	1_1_	11	11
50.	732416114004	ALEXPANDIYAN R	IV/MECH	1	11	1	1
51.	732416114005	ANANTHASUBRAMANIYAM R	IV/MECH	1	1	1	1.
52.	732416114006	BHARATH M	IV/MECH	1	1	11	1
53	732416114007	BHARATHIT	IV/MECH	1	11	11	1
54.	732416114008	DEENADHAYAL R	IV/MECH	11	1	1	11
55.	732416114009	DHANASEKARAN P	IV/MECH	1	1	1	11
56.	732416114010	DHANASEKARAN S	IV/MECH	11	1.1	11	1
57.	732416114011	DHILEEPKUMAR P	IV/MECH	1	1	1 Kas	11
58.	732416114012	DILIPK	IV/MECH	11	1	11	1
59.	732416114013	DINESH KUMAR T	IV/MECH	1		11	11
60	732416114014	ELANGOVAN M	IV/MECH	1.1	1	1	1
61.	732416114015	ELANGOVAN T	IV/MECH	11	1	1	1
62	732416114016	GOWTHAML	IV/MECH	11	1 A	11	1
63.	732416114017	JAGATHERSH G	IW/MECH	11	1	17	
64.	732416114018	JINUJALITEL	IV/MECH	11	1	11	1
65.	732416114019	JOBIN C J	IV/MECH	1.	1-1	17	17

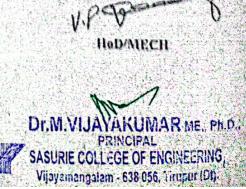




### Students Attendance List - Research Methodology Programme

	Reg Nø.	Reg No. Name of the Student	Year /	12.06.2020		13.06.2020	
S.No.			Branch	FN	AN	FN	AN
06.	232416114021	KATHIRESH B	IV/MECH	1	1	1	1
67	732416114022	KAVIN P	IV/MECH	1	1	1	1
68	732416114023	KAVINKUMAR S	IV/MECH	1	1	1	1
69.	732416114024	LAKSHMANAN S	IV/MECH	1	1		1
70.	732416114026	MOHAMMED FAZIL V	IV/MECH	1	1	1	1
71.	732410114027	NAVANEETHAKRISHNAN K	IV/MECH	1	1	1	1
72	732416114028	NEELAMANIKANDAN S	IV/MECH	1	1	$I_{c}$	1
-3.	732416114029	NIKHIL RAJ	IV/MECH	$-l^{-1}$	1	1	1
74	732416114030	PRAVEENKUMAR S	IV/MECH	1	1	10	1
-5	732416114031	RABERT D	IV/MECH	1	1	-1	1
76.	732416114032	RAGUNATH K	IV/MECH	1	1	1	1
27.	732416114033	RAHUL RAMACHANDRAN	IV/MECH	A	A	1	1
78.	732416114034	RAMANUJ DUBEY A	IV/MECH	1	1	1	1
79	732416114035	RANJITH SI	IV/MECH	1	1	1	1
80.	732416114036	RANJITHKUMAR A	IV/MECH	1	1	1	1
81.	732416114037	SAFREENA NOOR ARIMBRATHODI	IV/MECH	1.0	1	1	1
N2.	732416114038	SANTHOSH KUMAR K	IV/MECH	1	1	1	1
K.3.	732416114040	SATHYAKUMAR S	IV/MECH	-1	1	1	1
84	732416114041	SELVAMANI G	IV/MECH	· 1	1	1.1	1
85.	732416114042	SELVAMANIKANDAN K	IV/MECH	1	1	1	1
86.	732416114043	SHANMUGAM R	IV/MECH	1	11	1	1
87.	732416114044	SHANMUGANATIIAN	IV/MECH	1	1	1	1
88.	732416114045	SRIDHAR CHANDHRU H	IV/MECH	1	1	1	1
89.	732416114046	SUBASH S	IV/MECH	1	1	1	1
90.	732416114047	THARANITHARAN S	IV/MECH	1	1	1.	1
91	732416114049	VAIRAMUTHU S	IV/MECH	1	17	1	1
92	732416114050	VASANTHM	IV/MECH	1	- 1	17	1
43	732416114051	VENKATESANK -	IV/MECH	1	17	1	17
94	732416114052	VIENESHA	IV/MECH	17	17	17	17
95,	732416114055	VIJAY PRASATHE	IV/MECH	1	N. C.	A	A
96	732416114302	PARVEZ A	IV/MECH	a a a a a a a a a a a a a a a a a a a	17	11	12
97	732416114303	VIGNESH S	IV/MECH	en an an an an	1 h	and an a community	17
YX,	732416114502	MOHANKUMAR P	W/MRCH	1 1	The star	-framefra	and a second

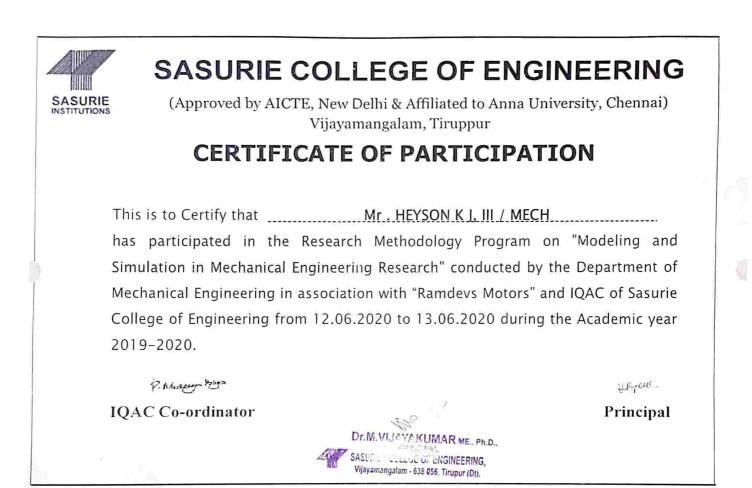
**Event** Coordinator

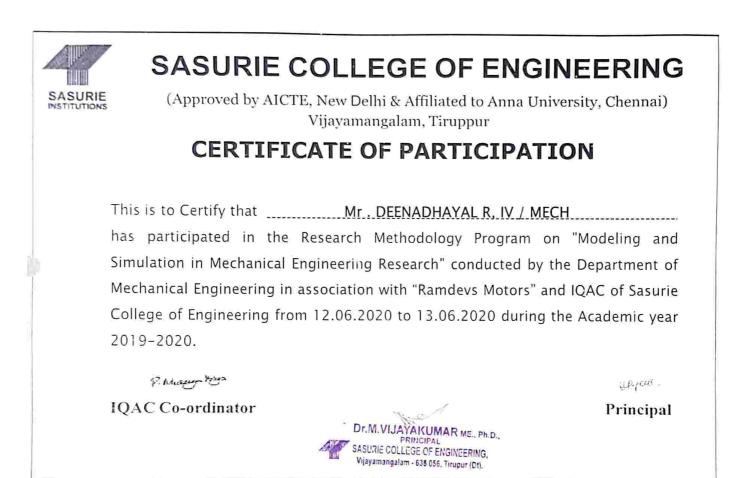




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Title. Modeling and Simulation in Mechanical Engines   Resource Person: Mr.N.Karthick, Manager, Suriya Machines, Coimbatore – 641004.		Mr.E.K.Ponnusamy, Trainer, Suriya Machines, Coimbatore – 641004.			
Date of conduct F	- A survey and a second s	To:	13.06.2020	Duration	: 2 Days
Organized by :	MECHANIC	CAL ENGINEERING	in associatio	n with IQAC	of our Institution
Academic Year:	2019 - 2020			Semester:	EVEN
Participant Year:	1 & II Year -MEC	H	No. o	Students Parti	cipated: 98
Venue: http://m	eet.google.com/pzs-l	osvu-btr			
fluid flows • Learn finite component • Explore mu mechanica • Apply mod practical sl	element analysis (FEA s, including static and d lubody dynamics (MB l systems with multiple eling and simulation teo ulls and understanding	al models for mechanical () techniques for modeling dynamic analysis, stress a D) techniques for modeling rigid or flexible bodies, i chniques to real-world me of simulation methodolog search Methodolog methodolog Hop-MEC	and simulating nalysis, and the og and simulatin neluding mecha chanical engin ties. y Program	g mechanical str rmal analysis. ng the motion an inisms, vehicles. eering problems	uctures and d interaction of , and robots.
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	SASURIE COLLEGE OF ENGINEEF	RING
SASURIE	(Approved by AICTE, New Lelhi & Affiliated to Anna University, Ch Vijayamangalam, Tiruppur	ennai)
	<b>CERTIFICATE OF PARTICIPATION</b>	
ТЬ	his is to Cortify that Mr. BUADATU M. W. / MECH	
	his is to Certify that <u>Mr . BHARATH M, IV / MECH</u>	
ha	as participated in the Research Methodology Program on "Modeli	ng and
Sin	mulation in Mechanical Engineering Research" conducted by the Depart	ment of
Me	echanical Engineering in association with "Ramdevs Motors" and IQAC of	Sasurie
Co	ollege of Engineering from 12.06.2020 to 13.06.2020 during the Acade	mic vear
	019-2020.	
	P. Margar Mar	(Ry CUS -
IQ.	QAC Co-ordinator Pr	incipal
	Dr.M.VIJAYAKUMAR ME., Ph.D.	
	SASURIE COLLEGE OF ENGINEERING, Vijayamangalam - 638 056, 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. ALEXPANDIYAN R, IV / MECH has participated in the Research Methodology Program on "Modeling and Simulation in Mechanical Engineering Research" conducted by the Department of Mechanical Engineering in association with "Ramdevs Motors" and IQAC of Sasurie College of Engineering from 12.06.2020 to 13.06.2020 during the Academic year 2019-2020.

de

Vijayamangalam - 638 056, Tirupur (Dt).

P. Marcon Mars

IQAC Co-ordinator

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

D.P. PERK. Principal

	SASURIE COLLEGE	OF ENGINEERING
SASURIE	(Approved by AICTE, New Delhi & Affilia Vijayamangalam, Tir	
	<b>CERTIFICATE OF PAR</b>	TICIPATION
Tł	his is to Certify thatMr . HARIHA	RAN M, III / MECH
ha	as participated in the Research Methodolo	gy Program on "Modeling and
Si	mulation in Mechanical Engineering Research"	conducted by the Department of
	echanical Engineering in association with "Ram	
	ollege of Engineering from 12.06.2020 to 13.0	
	019-2020.	, <u>, , , , , , , , , , , , , , , , , , </u>
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	P. Museup Ma	interes .
IÇ	QAC Co-ordinator	Principal
		RME. Ph.D.
	SASURIE COLLEGE OF ENC Vyayamangalam - 638 056, T	SINEERING,

