

Dr. MAHALINGAM



COLLEGE OF ENGINEERING AND TECHNOLOGY

Enlightening Technical Minds

Dr. MAHALINGAM
COLLEGE OF ENGINEERING AND TECHNOLOGY

An Autonomous
Institution

Affiliated to Anna University, Chennai. Approved by AICTE.
Accredited by NBA and NAAC with Grade A

Udumalai Road, Pollachi - 642 003. Tamilnadu.

Department of Mechanical
Engineering

NEWSLETTER

2015-2016

VOLUME - 1

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VISION AND MISSION OF THE DEPARTMENT

Vision:

To transform students from rural background into professional leaders of tomorrow in the field of Mechanical Engineering with a strong sense of social commitment.

Mission:

To impart quality – engineering education leading to specialization in the emerging areas of CAD/CAM/CAE, Energy Engineering and Materials Technology

To provide continually updated and intellectually stimulating environment to pursue research and consultancy activities

Programme Educational Objectives (PEOs)

The graduates will:

PEO1. Technical Expertise: Actively apply technical and professional skills in engineering practices towards the progress of the organization in competitive and dynamic environment.

PEO2. Lifelong Learning: Own their professional and personal development by continuous learning and apply the learning at work to create new knowledge.

PEO3. Ethical Knowledge: Conduct themselves in a responsible, professional and ethical manner supporting sustainable economic development which enhances the quality of life.

Programme Outcomes (POs)

At the end of the Mechanical Engineering programme, graduating students / graduates will be able to:

PO1. Engineering knowledge: Apply the fundamental knowledge of mathematics and engineering sciences to solve of mechanical engineering problems.

PO2. Problem analysis: Identify, survey literature, formulate and analyse complex mechanical engineering problems and reach substantiated conclusions.

PO3. Design/development of solutions: Design mechanical components, processes and systems that meet the requirements with due consideration for environment and public health / safety including cultural and societal considerations.

PO4. Conduct investigations of complex problems: Design experiments analyse/interpret data and synthesize information to provide valid conclusions in the field of mechanical engineering.

PO5. Modern tool usage: Apply appropriate techniques including usage of IT tools for prediction and modelling to create and evaluate mechanical engineering systems and their limitations.

PO6. The engineer and society: Practice as professional mechanical engineer to discharge responsibilities by taking informed decisions based on contextual knowledge to assess societal, health, safety, legal and cultural issues.

PO7. Environment and sustainability: Demonstrate the knowledge of, and need for sustainable development by understanding the impact of the professional engineering solutions in societal and environmental contexts.

PO8. Ethics: Comply with code of conduct/norms and professional ethics in engineering practices.

PO9. Individual and team work: Perform effectively as an individual and member / leader in multidisciplinary diverse teams.

PO10. Communication: Effectively communicate both orally / written on complex engineering activities.

PO11. Project management and finance: Manage projects in multidisciplinary environments cost effectively.

PO12. Life-long learning: Learn and acquire up to date knowledge in the field of mechanical engineering independently.

Programme Outcomes (POs) Regulation 2014

PO1. Apply scientific principles and concepts in design and development of products and manufacturing processes.

PO2. Analyze the systems' behavior and optimize for the results using modeling, simulation and experiments.

PO3. Design products and manufacturing facilities that deliver the requirements of the target customers and desired quality functions.

PO4. Identify, formulate, and solve engineering problems using appropriate tools and techniques.

PO5. Check and improve the DFX-assembly, manufacture, cost, quality, reliability, serviceability, recyclability etc.

PO6. Face challenges with rigor and emotional stability

PO7. Demonstrate understanding of the dynamic industrial and business environment in which the products are designed, manufactured and sold.

PO8. Practice Ethical responsibility

PO9. Work effectively in teams and build/manage interpersonal relationships

PO10. Communicate effectively through oral, non-verbal and written means.

PO11. Plan and work to time

PO12. Learn continuously

Programme Specific Outcomes (PSOs)

PO13. Develop and maintain positive health - physical, mental and social wellbeing

PO14. Articulate and engage in pursuit of career and life goals

PO15. Develop adaptability to change

Participation in Seminar/Conference/Workshop/Training etc...

Dept.	Name of the Faculty with Designation	Details of Program	Place of Program	Date
Mech	Mrs.P.Shivaranjani Assistant Professor	Mission 10X Workshop	IIT B-Remote centre MCET	16.06.15 To 18.06.15
	Mr.M.Giridharadhayalan Assistant Professor			
	Mr.M.Padmanaban Assistant Professor			
	Mr. K.Prabu Assistant Professor	Writing Skill Workshop	MCET	17.06.15 To 18.06.15
	Mr.S.Gnanakumar Assistant Professor			
	Mr.N.Santhosh Assistant Professor			
	Mr.K.Sivakumar Assistant Professor			
	Mr.M.Ganesh Assistant Professor			
	Mr R.Bharathiraja Assistant Professor			
	Mr A.Umashankar Assistant Professor	Environmental Science	IIT B-Remote centre MCET	02.06.15 To 12.06.15
	Mr.M.Ganesh Assistant Professor			
	Dr.B.Viswanath Assistant Professor			
	Mr.S.Muthu Baskaran Assistant Professor	Hardware Training	IMS Centre ,MCET	19.06.15 To 20.06.15
	Mr. C.Settu Technical Assistant			
	Mr.K.V.Arul Prasad Lab Assistant			
Mr.S.Pasupathy Lab Assistant				
Mr. S.Ravikumar Lab Assistant				

In-Plant Training by the Students

Dept.	Student Name / Total No. of Students & Branch	Place of In-plant Training	Period of Training (Date(s))
Mech 2013 Batch "A" Section	Surya S.	Best Corporation (P) Ltd	01.06.15 To 15.06.15
	Selvakumar S.	Ashok Leyland, Hosur	08.06.15 To 11.06.15
	Vignesh P. V. Aswin S.	India Cements, Erode	01.06.15 To 10.06.15
	Vinothkumar C. Anand Deva C. N. Arun Kumar I.	TNPL	09.06.15 To 15.06.15
	Gokula Krishnan B.	Yathi Pumps & Industry	04.06.15 To 07.06.15
	Blessing Paul P	Lanson Toyota	01.06.15 To 06.06.15
	Guruprasath T Shiyam Sundar A Ramani Sankar R Nikhil Joseph Charles	Roots Multi Clean	15.06.15 To 20.06.15
	Karuppasamy C. Dineshkumar N. Ajay R. Vijaykumar M. Prabhu N.	TNSTC	30.05.15 To 05.06.15
	Sangeeth Kumar M Deepak Narayanan R Santhosh Kumar R	Tata Motors	08.06.15 To 13.06.15
	Mech 2013 Batch "B" Section	Navaneedakrishnan G.	Shakthi Soyas Pvt Ltd ,Pollachi
Jegan Sundharam S		India Cements, Erode	01.06.15 To 10.06.15
Logesh Kumar K S		TNBL,Pugalur	03.06.15 To 09.06.15
Muthukumara D Mohankumar G		TNSTC, Pollachi	30.05.15 To 05.06.15
Pradeep Kumar S Ganesh Prabhu B Dhilip P M Mahaboob Shanjath S		Ambal Autos, Dharapuram	12.06.15 To 19.06.15

Praveenkumar V Deenadayalan V	Ashok Leyland, Hosur	08.06.15 To 11.06.15
Santhosh Kumar M Dinesh Kumar R V Sathish Kumar S	ABT Maruti, Udumalai	01.06.15 To 03.06.15
Vigneshwaran N Santha Kumar M Bhuvaneshwaran A	ABT Maruti, Tirupur	01.06.15 To 06.06.15
Gowthaman S Vijay R Nagaraj R	ABT Maruti, Pollachi	01.06.15 To 03.06.15
Kalaiselvan K	Sri Ponni Industries, Bangalore	01.06.15 To 10.06.15
	P & S Industries, Bangalore	11.06.15 To 20.06.15

Career Planning and Guidance (CPG):

Details of Training imparted to Students (Placement training on verbal, reasoning, quantitative aptitude)

S.No	Roll No	Name of the student	S.No	Roll No	Name of the student
1	12BME001	Abhisheik R	53	12BME068	Prasanth M
2	12BME003	Ajanth Pravin S	54	12BME069	Praveen R
3	12BME004	Ajithkumar B	55	12BME071	Raja Kaleeswaran R
4	12BME008	Arvinth R	56	12BME072	Rajapandiyam P
5	12BME010	Balaganesh L	57	12BME075	Ranjithkumar K
6	12BME012	Balamurali D	58	12BME076	Rasheedahamed F
7	12BME013	Boopathi S	59	12BME078	Sabarinathan S
8	12BME014	Chipichakkaravarthy	60	12BME079	Sadaam Hussain H
9	12BME015	Deenathayalan P	61	12BME080	Sambathkumar R
10	12BME017	Desilva R	62	12BME083	Santhosh M R
11	12BME018	Deva K	63	12BME084	Saravana Raj Kumar S
12	12BME019	Dhinesh A S	64	12BME085	Saravana Sundaram S
13	12BME021	Dinesh Kumar M	65	12BME087	Selladurai D
14	12BME022	Dinesh S	66	12BME088	Sethupathi S
15	12BME023	Divakar G	67	12BME089	Shafeeq A
16	12BME024	Divakar S	68	12BME090	ShameerMohammed S
17	12BME026	Elangovan V	69	12BME092	Silambarasan M
18	12BME028	Gobiraj R	70	12BME096	Srinivasan S P
19	12BME031	Gokulraj R	71	12BME097	Sriram R

20	12BME032	Gopalakrishnan T	72	12BME102	Vaira Tamilarasu V
21	12BME034	Gowtham S	73	12BME103	Vaishak P
22	12BME035	Hari Prasath K	74	12BME104	Veerasekaramoorthy S
23	12BME037	Hariprakash K	75	12BME105	Veyilumuthu @ Murugan.M
24	12BME041	Karthick M	76	12BME106	Vignesh B
25	12BME042	Karthikeyan B	77	12BME107	Vignesh N
26	12BME043	Karventhan R	78	12BME108	Vignesh V
27	12BME046	Kavin Prabu M L	79	12BME109	Vijaiananth P
28	12BME047	Kaviprakash G	80	12BME110	Vinoth R
29	12BME049	Madhankumaran M	81	12BME111	Vishnu Nivedhan B
30	12BME050	Mahesh Boopathy K	82	12BME112	Vishnu Priyan A
31	12BME051	Manikandan N	83	13BME308	Vishnu Chander V R
32	12BME052	Manikandan S	84	13BME318	Thirumalai Prabhu S
33	12BME053	Manivasagam E	85	13BME320	Yuvaraj P
34	12BME054	Mathivanan G	86	13BME322	Sabarinathan K
35	12BME056	Mohankumar P	87	13BME326	Karthikeyan P
36	13BME301	Bala Murali N	88	12BME002	Adharsh R
37	13BME303	Goutham R	89	12BME027	Elanthendral S
38	13BME305	Siva Subramaniam S	90	12BME033	Gowtham M
39	13BME307	Sasi Kumar S	91	12BME011	Balakumaran M
40	13BME309	Krishna Kumar S	92	12BME005	Alfred Marshall A
41	13BME311	Arun Kumar A	93	12BME016	Deepan K
42	13BME315	Rukmanandhan K	94	12BME006	Allan Thomas J T
43	13BME321	Kesavamoorthi S	95	12BME029	Gokula Krishnan R G
44	13BME323	Silambarasan. P	96	12BME098	Sudharsan K
45	13BME325	Vignesh K	97	12BME009	Ashokkumar P
46	13BME327	Prem Kumar N	98	12BME101	Vainathayamalan V
47	13BME329	Rajesh M R	99	12BME113	Vishnu Raj R
48	12BME058	Muthalagu K	100	12BME099	Sunil K S
49	12BME059	Muthukumar M	101	13BME316	Dineshkumar P
50	12BME060	Muthukumar R	102	12BME094	Sree Dev P S
51	12BME063	Naveen Kumar M	103	12BME030	Gokulamuthukrishnan R
52	12BME065	Pavithran B	104	12BME100	Thamarai selvan.S

Consultancy

Dept.	Name of the Faculty	Designation	Title of the Consultancy Work	Name of the organization / Firm/ Company	Period of Consultancy	
					From	To
CDAT	1.Dr.Rama Thirumurugan 2.Mr.Shanmugavelu 3.Mr.K.Prabu 4.Mr.Abdul Wahid	1.Associate Prof	1.Ford and GM Steering knuckle Static test	SACL	1/6/2015	2.6.2015
		2.Associate Prof 3.Assistant prof 4.Senior Executive	2. MSIL and GM Steering knuckle Static test		18/6/2015	19.6.15

Name and Address of Distinguished Foreign Visitors

Name of the Foreign Visitors	Area of Specialization	Designation	Organization & Address	Purpose of Foreigner Visit (with Full details)	Period of Stay	
					From	To
G.Masser	-	HR Manager	Caresoft UK	Validating CDAT Facilities	25.6.15	-

Staff Development Programs

Participation in Seminar/Conference/Workshop/Training etc...

Dept.	Name of the Faculty with Designation	Details of Program	Place of Program	Date
Mechanical	Mr.A.Srinivasan Assistant Professor (SG)	PS-III Pilot Program	CS Hall-MCET	08.07.15 To 10.07.15
	Mr. R.Bupathi Assistant Professor (SG)			
	Mr.N.Santhosh Assistant Professor			
	Mr.E.Baskaran Assistant Professor			
Mechanical	Mrs.P.Shivaranjani Assistant Professor	Teaching learning programme	MCA Seminar Hall at MCET	09.07.15
	Mr. K.Prabu Assistant Professor			
	Mr. M.Neelavannan Assistant Professor			
	Dr.B.Viswanath Associate Professor	Training on in pods software	MCET	09.07.15 To 10.07.15
	Mr. N.Shanmugasundaram Assistant Professor			
	Mr.E.Baskaran Assistant Professor			
	Mr.S.Madhusuthanan Assistant Professor(SS)	Fatigue and impact analysis of automotive steering knuckle under operating load cases	Ritz Carlton, Bangalore	14.07.15 To 15.07.15

Professional Society/Department Association/Guest Lectures organized

Dept.	Co-ordinator / Co-coordinator with Designation	Details of Program	Date
Mechanical	Dr.B.Viswanath Associate Professor	Technical talk on "Competency development in automotive industry" by Mr.Prasanth Balasubramanian	24.07.15
	Mr.S.Gnanakumar Assistant Professor		

Papers Presented in National Conference/Seminar/Symposium/Workshop

Dept.	Name of the Author(s) with Designation	Title of the Paper Presented	Title of the Conference / Seminar	Conducted by	Conducted at (Venue)	Date(s) of Paper Presented	Proceedings page(s) nos.
Mech	Dr.S.Vijayarangan Professor &Director (Academic)	Fatigue and impact analysis of automotiv-e steering knuckle under operating load cases	Altair Technology conference (ATC)	Altair India Pvt	Ritz Carlton, Bangalore	14.07.15 To 15.07.15	
	Mr.V.Sivananth Assistant Professor (SS)						

College Events held

S. No	Details of the Event	Date
1.	First year inaugural function	29.07.15

Students Activities

Awards – Academic (Including Projects) by the Students

Name of the Student	Degree Studying	Branch	Name of the Award	Awarded by (Name of the Organization)	Purpose of Award	Date of Awarded
Navaneedakrishnan G	B.E III Yr B section	Mechanical		IIT, Madras	National Debat	03.07.15

Participation of Inter and Intra Collegiate Competition / Events by the Students

S.No	Student's Name	Branch and Department	Details of event & Prize if any	Organizer and Place of program	Date
1.	Kaushik M	B.E III Yr B section/ Mech	Virtual Baja 2016	Punjab	09.07.15 To 11.07.15

Participation in Seminar/Conference/Workshop/Training etc. by the Students

S.No	Student's Name	Branch and Department	Details of Event	Organizer and Place of program	Date
1	All	II yr(A & B) B.E/Mech	PS-III Pilot Program	CS Hall-MCET	08.07.15 To 10.07.15

Industrial Visits/Tour

S. No	Dept.	Class	Place of Industrial Visit	Total No. of Students Visited	Date
1.	Mechanical	III B Section	TVS & Harita Hosur	58	29.07.15

Research and Development

Details of externally –funded / Sponsored Projects obtained

Name of the Coordinator(s)	Title of the Project	Funding Agency	Total Amount Sanctioned	Duration of the Project	Date of Funds Sanctioned
Dr.V.V.Sreenarayanan (PI) S.Ayyappan (Co-PI)	Rural Women's Technology Park in Pollachi	Science for Equity and Empowerment Division (SEED), Dept. of Science and Technology, Govt. of India, New Delhi.	Rs.38.42 lakhs	3 years (2015-2018)	23.07.15

Consultancy

Dept.	Name of the Faculty (s)	Designation	Title of the Consultancy Work	Name of the organization / Firm/ Company	Period of Consultancy	
					From	To
CDAT	1.Dr.Rama Thirumurugan	Associate professor	ILGIN HONDA-GS Knuckle static and Impact test	SACL	3.7.15	4.7.15
	2.Mr.Shanmugavelu	Associate professor	MSIL YRA(YJC)Steering knuckle Static test		24.7.15	25.7.15
	3.Mr.K.Prabu	Assistant professor	GM - M2XX Knuckle static and Impact test		28.7.15	-

Name and Address of Distinguished Visitors

Name of the Foreign Visitors	Area of Specialization	Designation	Organization & Address	Purpose of Foreigner Visit (with Full details)	Period of Stay	
					From	To
Manish singh		GM	TVSM Hosur	Validating CDAT Facilities	8.7.15	-
Parameshwaram		AGM	SACL , Hosur		8.7.15	-
Mrs.Shoba		VP	CTS		17.7.15	-
Kevin Bryans		AGCO	GSI, China		23.7.15	-
Rahul gupta	Suspension and Steering design	DGM	MSIL		24.7.15	-
Luis Filie malheiros	Material science	Faculty	University of Porto, Portugal		29.7.15	-
Sofia Festas	Management	Head of People & Communication	SACL, Portugal		29.7.15	-

Staff Development Programmes

Continuing Education Programs / Faculty Development Programmes/Conferences/Seminars/Workshops/Short Term Training Courses etc...

Dept.	Name of the Coordinator(s) with Designation	Title	Conducted at (Venue)	Sponsored by	No. of Participants attended	Date(s)
Mechanical	Mr. A.R.Suresh Assistant Professor (SG)	Awareness program on Heart Diseases	Electrical Seminar Hall-MCET	Dr.Reddy's Foundation	9	05.08.15
	Mr. R.Bupathi Assistant Professor (SG)					
	Dr.B.Viswanath Associate Professor					
	Mr.N.Shanmugavel Assistant Professor					
	Mrs.P.Shivaranjani Assistant Professor					
	Mr.C.Selva Senthil Prabhu Assistant Professor					
	Mr. C.Settu Technical Assistant					
	Mr. M.Suresh Technical Assistant S.Ravikumar Lab Assistant					

Participation in Seminar/Conference/Workshop/Training etc...

Dept.	Name of the Faculty with Designation	Details of Program	Place of Program	Date
Mechanical	Dr.B.Viswanath Associate Professor	Orientation Program for Newly joined staff	IIT Remote Centre,MCET	17.08.15 To 28.08.15
	Mr.M.Ganesh Assistant Professor			
	Mr.N.Shanmugavelu			

	Associate Professor			
	Mr.A.Uma Shankar			
	Assistant Professor			
	Mr.R.Bharathiraja	Powder Metallurgy processing and characterization techniques	IIT,Chennai	07.08.15 To 08.08.15
	Assistant Professor			
.Dr.Rama Thirumurugan	All Faculty members	International workshop on Computational Fluid Dynamics by Dr.Kiran Bhaganagar Associate Professor Dept of Mechanical Engineering University of Texas,San Antonio,Texas,USA	NPT-Hall no 12	10.08.15
Associate Professor				
Mr.E.Baskaran				
Assistant Professor				

Professional Society/Department Association/Guest Lectures Organized

Dept.	Co-ordinator / Co-coordinator with Designation	Details of Program	Date
Mechanical	Dr.B.Viswanath Associate Professor	Technical Talk on "INDUSTRIAL GEARS AND GEARBOXES – AN INTRODUCTION" By Mr.P.VIJAYARAGHAVAN Adviser Technical,Shanthi Gears Limited, Coimbatore.	29.08.15
	Mr.S.Gnanakumar Assistant Professor		

Participation of MCET Faculty as Resource Person

Dept.	Name of the Faculty with Designation	Title of the Programme	Details & Venue	Date
Mechanical	Dr.S.Vijayarangan Professor & Director (Academic)	MCET New Faculty Orientation Programme	Role of a Teacher- IIT Remote Centre	19.08.15
	Mr.A.Srinivasan Assistant Professor (SG)		Library and Academic audit system- IIT Remote Centre	21.08.15 and 24.08.15
	Dr. I.Rajendran Professor & Head		Faculty Research and Funded Project – IIT Remote Centre	26.08.15

College Events held

S.No	Details of the Event	Date held
1.	Orientation Program for First year Mechanical Engineering students	06.08.15
2.	International conference on on "Renewable Energy and Sustainable Environment"	11.08.15 To 13.08.15
3.	Cultural event	14.08.15
4.	Independence day celebration	15.08.15

Participation in Seminar/Conference/Workshop/Training etc... by the Students

S.No	Student's Name	Branch and Department	Details of Event	Organizer and Place of program	Date
1.	I year Mech A&B		Orientation classes of PSW & SFW & Measurements sessions	CS Hall-MCET	17.8.15 To 20.08.15
2.	Arun Prasath G	III Yr Mech (B section)	Defense awareness conference		

Industrial Visits/Tour

S. No	Dept.	Class	Place of Industrial Visit	Total No. of Students Visited	Date
1.	Mechanical	IV Yr A Section	Sakthi Sugars,Aapakoodal	60	13.08.15
2.		III Yr A Section	Ashok Leyland and TVS Motors, Hosur	60	14.08.15

Extra-Curricular / Co-curricular Activities

Physical Education Activities

S.No	Students Name	Year & Dept.	Events Details	Awards / Medals (if any)	Date of the Event
1.	Jegan Sundharam S Dineshkumar M Vignesh P V	III YR Mech	Sports zonal(Volley Ball)		

Memorandum of Understanding

Dept.	Name of the Organization MoU signed with	Purpose of MoU	Signed on (Date)	Period
Mechanical	TVS Motor Company LTD,Chennai		06.08.15	

Name and Address of Distinguished Foreign Visitors

Name of the Foreign Visitors	Area of Specialization	Designation	Organization & Address	Purpose of Foreigner Visit (with Full details)	Period of Stay	
					From	To
Afifa Alipour,	Energy	Lecturer	Chemical Institute of Afghanistan.	Validating CDAT Facilities	12.8.15	-
Sahan Hassan	Environmental	JSO	Environment and Natural Recourses of Desertification, Sudan.	Validating CDAT Facilities	12.8.15	-
Rashu Adam Shommein	Energy	JSO	Institute of Engineering and Materials Technology,Sudan.	Validating CDAT Facilities	12.8.15	-
Rajesh Tripura	Environmental	Engineer	Dhaka Water Supply and Sweanose Authority, Bangaladesh.	Validating CDAT Facilities	12.8.15	-
Aymon Elgayed	Environmental Science	Project Manager	Environmental and natural energy board,Egypt	Validating CDAT Facilities	12.8.15	-

Name and Address of Distinguished Visitors

S. No	Name of the Visitors	Purpose	Date of Visit
1.	K.R Avanth,iLensys Tech	Validating CDAT Facilities	4.8.15
2	N.Kalidas,Professor,Vijayavada.	Validating CDAT Facilities	11.8.15

MECHANICAL ASSOCIATION FUNCTION CONDUCTED ON 29.08.2015

Inauguration of Mechanica 2015-2016
and
Guest Lecture on “Competency development in automotive industry”
By
Mr.Prasanthbalasubramanian,
 Power Train System Engineer,
 Hinduja Tech,Chennai.



Guest Lecture on “Industrial gears and gearboxes – an Introduction” By Mr. P. Vijayaraghavan,
Adviser Technical, Shanthi Gears Limited, Coimbatore.



Continuing Education Programs/Faculty Development Programmes /Conferences /Seminars/Workshops/Short Term Training Courses etc...

Dept.	Name of the Coordinator(s) with Designation	Title	Conducted at (Venue)	Sponsored by	No. of Participants attended	Date(s)
Mech Engg	Dr.S.Visvanath Associate Professor	Papics 15	Mechanical Seminar Hall	MCET	60	01.09.15
	Mr.N.Santhosh Assistant Professor	PS-III course "Personal Effectiveness"	CS Hall	MCET	140	08.09.15 To 11.09.15
	Mr.E.Baskaran Assistant Professor					
	Mr. R.Bupathi Assistant Professor (SG)					
	Mr.A.Srinivasan Assistant Professor (SG)					
	Dr. I.Rajendran Professor & Head	Workshop on Outcome Based Education (OBE)	IITB Hall	MCET		19.09.15
	Dr.R.Ravindran Associate Professor					
	Mr. A.R.Suresh Assistant Professor (SG)					
	Mr. R.Bupathi Assistant Professor (SG)					
	Mr.A.Srinivasan Assistant Professor (SG)					
	Mr.V.Sivananth Assistant Professor (SG)	Finite Element Analysis and optimization using Hyperworks 13.0		MCET	60	28.09.15 To 29.09.15
	Mr.S.Madhusuthan Assistant Professor(SS)					

Mr.S.Gnanakumar Assistant Professor					
Mr. K.Prabu Assistant Professor					

Participation in Seminar/Conference/Workshop/Training etc. by MCET Staff

Dept.	Name of the Faculty with Designation	Details of Program	Place of Program	Date
Mechanical Engineering	Mr.K.Sivakumar Assistant Professor	To find out projects for students with the help of industry people	Roots industries- Coimbatore	04.09.15
	Mr.S.Gnanakumar Assistant Professor		Roots cast private Ltd - Coimbatore	11.09.15
	Mr.E.Baskaran Assistant Professor			
	Mr.N.Santhosh Assistant Professor		Bi – metal bearings, Coimbatore	18.09.15
	Mr.C.Selva Senthil Prabhu Assistant Professor			23.09.15
	Dr.Rama Thirumurugan Associate Professor	To find out projects for students with the help of industry people and collaborative research	Shanthi gears, Coimbatore	23.09.15
	Mr. M.Neelavannan Assistant Professor			

Professional Society/Department Association/Guest Lectures Organized

Dept.	Co-ordinator Designation	Details of Program	Date
Mechanical	Mr.C.Selva Senthil Prabhu Assistant Professor	Organized Two training on Industrial Automation	03.09.15 & 04.09.15
		Organized STTP on PLC and HMI Jointly with ICE DEPT	21.09.15 to 23.09.15

Participation of MCET Faculty as Resource Person

Dept.	Name of the Faculty with Designation	Title of the Programme	Details & Venue	Date
Mechanical	Mr. S.Ayyappan Assistant Professor (SG)	Peer Evaluator for the evaluation of newly joined faculty members	MCET	16.09.15
	Dr.Rama Thirumurugan Associate Professor	Finite Element Analysis through Ansys	PSN College of Engineering &	26.09.15

			Technology,Thirunalveli	
	Mr.V.Sivananth Assistant Professor (SG)	Finite Element Analysis and Optimization using Hyperworks 13.0	MCET	28.09.15 To
	Mr.S.Madhusuthanan Assistant Professor(SS)			29.09.15
	Mr.C.Selva Senthil Prabhu Assistant Professor	Industrial Automation	MBRAIN Centre MCET	03.09.15 & 04.09.15
		STTP on PLC and HMI	MBRAIN Centre MCET	21.09.15 to 23.09.15

College Events held

S.No	Details of the Event	Date held
1.	Campus day –Awards day 2015 and Launching of CIBIE	07.09.15
2.	Mahabharatham Quiz for staff	08.09.15
3.	Teacher,s Day celebration	09.09.15
4.	Engineer’s day	15.09.15

Students Activities

Awards – Academic (Including Projects) by the Students

Name of the Student	Degree Studying	Branch	Name of the Award	Awarded by (Name of the Organization)	Purpose of Award	Date of Awarded
Sakthivel M	III Year B section	Mechanical		MCET		07.09.15
	III Year A section					
Muthalagu. K	IV Year section					

Paper Presentation by the Students

S.No	Student’s Name	Branch and Department	Title of Paper Presented	Organizer and Place of program	Date
1.	C.Harikarthy, N.Yokeswaran	II Year Mech	Drones transportation and its futures	MCET	01.09.15
2.	R.Logesh, M.Seetharaman		Advancement in welding		
3.	M.Mouleeshwaran , V.Agathur sangamithran		Solar Air conditioning		
4.	C.Naveenkumar, N.P.Manoj kumar		peper robotics		
5.	C.Barathkumar ,		Hybrid vehicles		

	T.S.Srinivasan				
6.	M.Karthick Raja		Bearings		
7.	M.Mohamed yasik		Hybrid vehicles		
8.	D.S.Padmakumaar		Advancement in Robotics		
9.	A.M.Harsavardhan , L.Sandeep Deepak		Green Engine		
10.	A.Sivakumar, R.Devaraj		TIG welding		
11.	B.M.Nivas, R.Sukesh		Hybrid vehicles		
12.	B.N.Jagadesh		Composite materials		
13.	Jeeva		Antilock braking system		
14.	Logeshwaran, Rajeswari		IC Engines and Components		
15.	M.J.Vidhya , D.S.Kaavya		Friction stir welding		
16.	A.Bhuvaneshwaran , S.Sathishkumar	III Year Mech	Friction stir welding		
17.	M.Santhakumar , R.Hariprasaath		Advances in Solar Electricity		
18.	S.Pradeepkumar, T.Gokulraam		Design of super cars		

Participation of Inter and Intra Collegiate Competition / Events by the Students

S.No	Student's Name	Branch and Department	Details of event & Prize if any	Organizer and Place of program	Date
1.	Kalaiselvan P Balaji A Goausik S Aravind K B Jayavardhanavel A Arun Kumar I Anand Deva C N Subash S Guruprasath T Sathyaprabhu V Sathishkumar V	III Year Mech A Section	RIDE 2015	Karpagam college of Engineering,Coimbatore	11.09.15

2.	Santha Kumar M Logesh Kumar K S Javith Ahamed S Dineshkumar M Viswath Kumar K Niranjan B Ram Kumar G Alexander R Prasanna Vignesh D C Jegan Sundharam S Kathires E	III Year Mech B Section	CAD Modelling,Welding Workshop at MEXPLODE Symposium	Sri Krishna College of Engineering and Technology,Coimbatore	28.09.15 To 29.09.15
3.	Kalaiselvan K Peter Antony P D Vijiyakumar S Mohankumar G Vijay R	III Year Mech B Section	Rapid Prototyping Workshop at MEXPLODE Symposium		
4.	Gokul Raam. T Pradeep Kumar S Moharraj V	III Year Mech B Section	Technical Quiz at MEXPLODE Symposium		

Participation in Seminar/Conference/Workshop/Training etc. by the Students

S.No	Student's Name	Branch and Department	Details of Event	Organizer and Place of program	Date
1.	Sangeeth Kumar M Badrinath B V Shiyam Sundar A Satheesh S Aswin S Santosh Kumar R	III Year Mech A Section	Accelerobotics Workshop	SRM,Chennai	09.09.15
2.	Javith Ahamed S Logesh Kumar K S	III Year Mech B Section			09.09.15 To 10.09.15

Students Club Activities (Eco Club, Quiz Club, Rotaract etc..)

Club Name	Program Name	Co-ordinated by	No. of Participants	Date of the event
RLDC	Robotics –Learning Development Cell	Electrical seminar hall	26	02.09.15

Extra-Curricular / Co-curricular Activities

Physical Education Activities

S.No	Students Name	Year & Dept.	Events Details	Awards / Medals (if any)	Date of the Event
1.	Nikhil Joseph Charles	III Year Mech A Section	Zonal level basketball competition	Fourth Place	08.09.15

YRC / RRC Activities

Name of the Students	Degree Studying	Branch	Programmes Organized / Conducted / Participated	Venue	Date (s)
Manoj Kumar N P Nevin Tomson S P Lokesh S P Akilnarayanan J Ranjith R Sugumar V Ajithkumar N Jaivel V Prem Kumar M	II Mech A Section	Mechanical Engineering	Participated	CS Hall MCET	01.09.15

Career Planning and Guidance (CPG)

Placement Details

S.No	No. of Students Placed up to Previous Month	Name of the Company Visited in current month	Total No. of Students placed in each Company
1.	Nil	Infosys	18

Details of Training imparted to Students

From 1st September to 18th September Final year mechanical students (104 eligible students) had training in placement season at central computing lab

Details of Career Guidance offered to students

Final year students (above 8.0 CGPA) had meeting with alumni regarding "study abroad" on 23.09.15 at C-107 hall

Awards Received

Dept	Name of the Faculty (s)	Designation	Title of Award	Award by (Name of the Organization)	Date of awards received
Mechanical	S.Ayyappan	AP(SG)	Favorite Teacher Award	Students Guild of Service (SGS), MCET.	During Teachers day 2015 function

October 2015

Participation in Seminar/Conference/Workshop/Training etc. by MCET Staff

Dept.	Name of the Faculty with Designation	Details of Program	Place of Program	Date
Mechanical	A.Uma Shankar Assistant Professor	Assist the 50th year Ramalingar Pani Mandram- Gandhi Vallar Vizha	AVM Rajeswari Kalyana Mandapam, Mylapoor, Chennai	01.10.15 To 08.10.15
	Dr.S.Vijayarangan Professor & Director (Academic)	Conference on Future of Automotive Design	CII, Chennai	09.10.15
	Dr. I.Rajendran Professor & Head			
	Mr.N.Santhosh Assistant Professor	Two day hands on training on Hypermesh	Chennai	12.10.15 To 13.10.15
	Ms.P.Shivaranjani Assistant Professor	Two day hands on training on CNC tutor	CAD /CAM lab, MCET	27.10.15 To 28.10.15
	Mr.K.Vijaykkanan Assistant Professor			
	Mr.K.Sivakumar Assistant Professor			
	Mr.M.Padmanaban Assistant Professor			
Mr.S.Pasupathy Lab Assistant				

Professional Society/Department Association/Guest Lectures Organized

Dept.	Co-ordinator / Co-coordinator with Designation	Details of Program	Date
Mechanical	Dr.S.Visvanath Associate Professor	Guest lecture on "CRITICAL THINKING AMONG STUDENTS"	30.10.15
	Mr.S.Gnanakumar Assistant Professor		

Participation of Inter and Intra Collegiate Competition / Events by the Students

S.No	Student's Name	Branch and Department	Details of event & Prize if any	Organizer and Place of program	Date
1.	Dhilip P M	III Mech A&B Section	Sparkz-15 (Western and Folk dance)	Kalasalingam University, Krishnankovil	30.09.15 To

	Vishnu Priyan K R		Wall Painting		01.10.15
2.	Javith Ahamed S Logesh Kumar K S Shiyam Sundar A Aswin S Nikhil Joseph Charles		Technical symposium (Event:Line follower & Maze solver)	Bannari Amman Institute of Technology, Sathyamangalam	15.10.15 To 16.10.15
3.	R.Jegan	II Mech B Section	CAR CLONE First Position		14.10.2015 To 16.10.2015

Participation in Seminar/Conference/Workshop/Training etc. by the Students

S.No	Student's Name	Branch and Department	Details of Event	Organizer and Place of program	Date
1.	Niranjan B Navaneedakrishnan G Ram Kumar G Praveenkumar V Gokul Raam. T Vinothkumar C	III Mech (A&B Section)	Assist the 50th year Ramalingar Pani Mandram-Gandhi Vallar Vizha	AVM Rajeswari Kalyana Mandapam, Mylapoor, Chennai	01.10.15 To 08.10.15
2.	Pavan Kumar S Jaya Chandra Reddy Bhavanam Hyacinth Rosalia A Raj Kumar P Anil Kumar N S Ashok Vaddempudi Gopi Chandu Sowbhagyapu	I Mech (A&B Section)	Parenting Workshop- 2015	TVS CEP team at Mechanical Seminar Hall ,Nachimuthu Polytechnic College, Pollachi	31.10.15

Industrial Visits/Tour

S. No	Dept.	Class	Place of Industrial Visit	Total No. of Students Visited	Date
1.	Mechanical	II Mech B	Roots Industries India Limited, Coimbatore	68	17.10.15
2.		IV Mech B	Sakthi Sugars, Erode	68	29.10.15

Selected students for industry attachment program (IAP) with ROOTS group of companies, Coimbatore

S.No	Roll No	Name of Student	CGPA / Diploma	Home Town	Field of interest
1	14BME073	R.Logesh	7.5	Salem	Manufacturing
2	14BME072	V.Manikandan	7.51	Aanamalai	Automotive industries
3	14BME049	M.Jeevananthan	7.3	Salem	Welding, Design
4	15BME333	A.Mathan Kumar	76.18	Udumalpet	Quality Control, Design
5	14BME064	D.Sivakumar	8.3	Madurai	Design
6	14BME044	T.S. Srinivasan	8.4	Tiruchengode	Manufacturing, Design
7	14BME071	M.Logesh	9.08	Pollachi	Manufacturing
8	14BME061	V.Sugumar	8.4	Udumalpet	Production
9	14BME091	A.Sivakumar	8.4	Tiruppur	Quality Control
10	14BME062	C.Harikarthy	8.2	Coimbatore	Design
11	14BME050	S.Sivanandam	8.19	Madathukulam	Production
12	14BME065	M.Seetharaman	8.0	Thoothkudai	Manufacturing
13	14BME013	S.Satheeshkumar	6.8	Udumalpet	Manufacturing
14	15BME301	S.Kumar	85.00	Tiruppur	Manufacturing
15	14BME106	M.Vivek	6.9	Udumalpet	manufacturing

Participation in Seminar/Conference/Workshop/Training etc. by MCET Staff

Dept.	Name of the Faculty with Designation	Details of Program	Place of Program	Date
Mechanical	Mr.R.Bharathiraja Assistant Professor	Two-Week ISTE STTP on Technical Communication	IIT B Remote Center, MCET	08.11.15 To 29.11.15
	Mr.A.Umashankar Assistant Professor	Under the National Mission on Education through ICT, MHRD, New Delhi. (online mode)		

Equipment Purchased under Sponsored Research Project

Name of the Equipment	Cost	Date of Purchase	Dept.	Title of the Project under which purchased	Name of the Faculty (s) (Coordinating)	Name of the Funding Agency
Pulveriser			Mechanical Engg.	Rural Women's Technology Park in Pollachi	Dr.V.V.Sreenarayanan (PI) S.Ayyappan (Co-PI)	Science for Equity and Empowerment Division (SEED), Dept. of Science and Technology, Govt. of India, New Delhi.
Vegetable cutting m/c.	Rs.49,235/-	17.11.15				
Air-curtain	28,167/-	17.11.15				
Electronic weighing scale.	14,225/-	17.11.15				
Sealing machine	2,700/-	03.12.15				
Shrink wrapping m/c.	14,062/-	17.11.15				
	47,775/-	12.11.15				

Staff Development Programmes

Continuing Education Programs / Faculty Development Programmes /Conferences/Seminars/Workshops/Short Term Training Courses etc...

Dept.	Name of the Coordinator(s) with Designation	Title	Conducted at (Venue)	Sponsored by	No. of Participants attended	Date(s)
Mechanical	S.Ayyappan, AP(SG)	Massive Open Online Course (MOOC) on Thermodynamics	IIT Remote Centre, MCET	IIT Bombay	25 students (second year) from MCET (Mech-15, Auto-10)	July-Dec.15
	Ms.P.Shivaranjani Assistant Professor	Active learning program-Phase -II	MCA seminar Hall at MCET	MCET	Faculty of all departments -11 nos.	07.12.15 and 08.12.15
	Mr. M.Neelavannan Assistant Professor					
	Mr. K.Prabu Assistant Professor					
	Mr.E.Baskaran Assistant Professor	Pre-workshop on Professional Ethics (PS-IV) course	CS hall; Mr.Naveen, Consultant, Bangalore – resource person		Faculty of all departments – 22 nos. Students of II yr Mech and Auto – 12 nos.	21.12.15 and 22.12.15
	N. Santhosh Assistant Professor					
	Mr.A.Srinivasan, Assistant Professor (SG)					

Participation in Seminar/Conference/Workshop/Training etc...

Dept.	Name of the Faculty with Designation	Details of Program	Place of Program	Date
Mechanical	Mr.R.Bharathiraja Assistant Professor	Two-Week ISTE STTP on Technical Communication Under the National Mission on Education through ICT, MHRD, New Delhi. (offline mode)	IIT B Remote Center, MCET	30.11.15 To 05.12.15
	Mr.A.Umashankar Assistant Professor			
	Mr.M.Padmanaban Assistant Professor	Faculty immersion Training	Roots Group of Industries, Coimbatore	07.12.15 To 11.12.15
	N.Shanmugasundaram, Assistant Professor			

Paper Published in International Journals

Dept.	Name of the Author(s) with Designation	Title of the Paper	Title of the Journal	Volume	No	Page(s) No	Date (When Published)
Mechanical	Rama Thirumurugan and S.Madhusuthanan N. Gnanasekar,	Finite Element Simulation of Knuckle and Strut Arm Column Assembly for Automotive Steering System	Int. J. Vehicle Structures & Systems	7	4	128-131	Accepted

Participation of MCET Faculty as Resource Person

Dept.	Name of the Faculty with Designation	Title of the Programme	Details & Venue	Date
Mechanical	C.Selva Senthil Prabhu Assistant Professor	Industrial Automation, PLC & HMI	MCET BOSCH REXROTH CENTRE	01.12.15 to 05.12.15

Participation in Seminar/Conference/Workshop/Training etc... by the Students

S.No	Student's Name	Branch and Department	Details of Event	Organizer and Place of program	Date
1.	S.Satheeskumar S.Gokul N.Ajay M.Jeevananthan S.Sivanandham S.Mohan Baabu C.Harikarthik M.Seetharaman R.Jeganathan V.Manikandan R.Logesh A.Sivakumar V.Ravindhar S.Kumar A.Mathan Kumar	Mechanical Engineering	Industry Attachment Program (IAP) with ROOTS group of companies	ROOTS group of companies, Coimbatore	7.12.15 to 11.12.15
2.	C.Bharath kumar A.M.Harshavardhan C.Karthik Raja	II MECH-B	2 days pilot workshop on PS-IV	MCET-CS hall; Mr.Naveen, Consultant, Bangalore – Resource person	21.12.15 and 22.12.15

In-Plant Training by the Students

Dept.	Student Name / Total No. of Students & Branch	Place of In-plant Training	Period of Training (Date(s))
Mechanical	Praveen S Santhosh Kumar M	Pricol Pvt Ltd Plant1,Perianaickanpalayam	5 days (02.12.15 To 07.12.15)
	Santha Kumar M Bhuvaneshwaran A	Diesel machinery works,Perundurai	3 days (07.12.15 To 09.12.15)
	Gokul Raam. T Sathish Kumar S	Libra industries,Karamadai	5 days (02.12.15 To 07.12.15)
	Nagaraj R Sathishkumar P Hariprasaath R	CTC bus dipot,Pollachi	6 days (07.12.15 To 12.12.15)
	P.Blessing Paul	Lakshmi Electrical Control Systems Arasur CBE	6 days (2.12.15 TO 7.12.15)
	S.Subash	Salem steel plant,Salem	5 days (07.12.15 To 11.12.15)
	R.Prakash Raj	Anaimalai Engineering- Pollachi	6 days (07.12.15 To 12.12.15)

NCC Activities

Name of the Students	Degree Studying	Branch	Programmes Organized / Conducted / Participated	Venue	Date (s)
Madheswaran M	B.E	Mechanical	NCC in CATC Camp	Hindusthan College of Engineering and Technology,Othakalmandapam,Pollachi	22.12.15 To 31.12.15

Name and Address of Distinguished Visitors

S. No	Name of the Visitors	Purpose	Date of Visit
1.	Mr.Balakrishna Rao, NAVI STAR GLOBAL	Validating CDAT Facilities	23.12.15

Consultancy

Dept.	Name of the Faculty (s)	Designation	Title of the Consultancy Work	Name of the organization/ Firm/Company	Amount	Period of Consultancy	
						From	To
C-DAT	Dr.Rama Thirumurugan	Associate Professor	1. Honda- 2SJ Knuckle-Point A Durability Test	SACL	-	01.12.15	04.12.15
			2. Honda- 2SJ			05.12.15	15.12.15

Mr.G.Karthick	Technical Assistant	Knuckle-Point R Durability Test	IPL	16.12.15	19.12.15
Mr.K.Thangaraj	Lab Assistant	3. Honda- 2SJ Knuckle-Point R Durability Test		19.12.15	22.12.15
		4.Honda- 2SJ Knuckle-Point A Durability Test		23.12.15	24.12.15
		5. Honda- 2SJ Knuckle-Point F Durability Test		29.12.15	31.12.15
		6.Ring Gear Fatigue Test			

Library

New Arrivals

S.No.	Details of Collection	Nos.
1.	Engineering Practices Lab Manual-Civil,Mechanical,Electrical includes-S.Gowri,T.Jeyapoovan	1
2.	Basic Civil &Mechanical Engineering-Prof.P.Gopinath	1
3.	Engineering Mechanics-R.S.Dhinakaran	1

Library User Statistics and Circulation for the current month

User Category	Library Circulation	
	Issues	Returns
Staff : 43	Staff : 10	Staff : 2
Students : NIL	Students : NIL	Students : NIL
	Overnight Issues : NIL	
Total : 43	Total Transactions : 10	