

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

2016-2017

VOLUME - 2

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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 analyze 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 analyze/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

December

Staff Development Programmes

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

Dept.	Name of the Coordinator(s) with Designation	Title	Conducted at (Venue)	Sponsored by	No. of Participants attended	Date(s)
Mechanical	Mr. R.Bupathi Assistant Professor (SG)	Lean Six Sigma Green belt certificate course	IIT-B Remote Center, MCET	Western Thomson India, Ltd. Chennai.	25 Nos	09.12.16 To 11.12.16
	Mrs.P.Shivaranjani Assistant Professor					23.12.16 To 24.12.16
	Mr A.Srinivasan Assistant Professor (SG)	The pilot learning workshop for PS6 course titled Campus to Corporate	IITB remote centre, MCET	Mr. Naveen	25	29.12.16 And 30.12.16
	Mr. R.Bupathi Assistant Professor (SG)					
	Mr S.Madhusuthanan Assistant Professor					
	Mrs.P.Shivaranjani Assistant Professor					
	E.Baskaran Assistant Professor					
	N.Santhosh 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	Mr.T.Vignesh Kumar Assistant Professor	STTP on "Mathematical Modeling and Advanced Numerical Techniques"	National Institute of Technology, Warangal	02.12.16 To 07.12.16
	Mr A.Umasanker Assistant Professor	Internship of III year Mechanical Engineering -Training Module - II	Western Thomsan, Chennai	05.12.16 To 09.12.16
	Mr.Santhosh Assistant Professor		Sakthi Auto Components, Erode	05.12.16, 14.12.16 To 17.12.16
	Mr.Shanmugasundram Assistant Professor		Roots Group of Industries, CBE	05.12.16, 13.12.16 To
	Mr.Settu			

	Technical Assistant			16.12.16
	Dr.S.Ayyappan, Associate Professor	Hands-on Workshop on Computational Fluid Dynamics	Dept.of Energy and Environment (CEESAT), National Institute of Technology (NIT), Tiruchirappalli	12.12.16 To 16.12.16
	Dr. Rama Thirumurugan, Associate Professor	Automotive Design Workshop	D J Academy of Design, Othakalmandapam	12.12.16 And 13.12.16
	Mr K.Prabu Assistant Professor	Workshop on 'Design and Analysis of Mechanical Systems'	National Institute of Technology, Trichy	19.12.16 To 24.12.16

Professional Society / Department Association / Guest Lectures organized

Dept.	Co-ordinator / Co-coordinator with Designation	Details of Program	Date
Mechanical	Dr.V.Sivananth Associate Professor (SG)	Multibody Dynamics Simulation using Hyperworks 14.0 Two day hands on training conducted by MCET-Altair Centre of Excellence in association with Department of Mechanical Engineering No of Students participated: 36	21.12.16 & 22.12.16

Participation of MCET Faculty as Resource Person

Dept.	Name of the Faculty with Designation	Title of the Programme	Details & Venue	Date
Mechanical	T. Kasirajan Assistant Professor	Value Added Course CREO 2.0	Resourse persons for NPT Mechanical students at MCET – CAD/CAM Lab	21.11.16 To 28.12.16
	N. Santhosh Assistant Professor			
	Dr Rama Thirumurugan, Associate Professor	Anna University approved FDTP on ME6401 Kinematics of Machinery	Delivered Guest lecture on "GEARS and GEAR TRAINS"	07.12.16
	Mr A.Srinivasan Assistant Professor (SG)	PS IV Workshop for faculty members.	Ghandi mandapam-MCET	20.12.16 And 21.12.16
	Mr. R.Bupathi Assistant Professor (SG)			

Students Activities

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.	Parthipan D	II year Mechanical		Western Thomson India Limited, Chennai	05.12.16 To 09.12.16
	Kiranraj M				
	Arunprasath K				
2.	Srinivasan T S	III year Mechanical	Industry Attachment programme (IAP)	Sakthi Auto Components – Tiruppur	05.12.16 And 14.12.16 To 17.12.16
	Gowtham Prasad S				
	Ranjith R				
	Sugumar V				
	Ajithkumar N				
	Siva Kumar D				
	Praveen SP				
	Logesh M				
	Prasanna V				
	Sudharshan C				
	Kaviyarasu R				
	Vivek M				
	Arul Kumaran P				
	Ram Prakash T				
	Mohammed Riyaz M				
	Kalaivanan K				
	Meiyarasan S				
Kaviyarasau K					
Mohammad Yasik M					
3.	Jaganathan.R			Roots Group of Industries, Coimbatore	05.12.16, 13.12.16 To 16.12.16
	Manikandan.V				
	Sivanandam.S				
	Mathan Kumar.A				
	Ravindhar.V				
	Gokul.S				
	Siva Kumar.A				
	Seetharaman.M				
	Jeevanantham.M				
	Mohan Babu.S				
	Kumar.S				
	Hari Karthi.C				
	Ajay.N				
	Sathees Kumar.S				
Logesh.R					
4.	Aswin S.	IV Year Mechanical	Lean Six Sigma Green belt certificate course	IIT-B Remote Center,MCET	09.12.16 To 11.12.16
	Dineshkumar R.V.				
	Sathishkumar S.				
	Praveenkumar V.				
	Vigneshwaran N.				
Andrew Sheldon B.					

	Veeramanikandan M.				
	Gowthaman S.				
	Srinath S.				
	Bhuvaneshwaran A.				
	Santhoshkumar M.				
	Ramanisankar R.				
	Santhakumar M.				
	Deenadayalan V.				
	Sakthivel M.				
	Praveen S.				
	Aravind S.				
	Vignesh Karthik R.				
	Gobalakrishnan A.				
	Hariprasaath R.				23.12.16
	Balamurugan K.				To
	Kaliselvan K.				24.12.16
	Anbu V.				
5.	Ramani Sankar.R				
	Vaidees Waran.T				
	Shiyam Sundar.A				
	Deenadayalan.V				
	Navaneetha Kannan.P				
	Jegan.R				
	Karthickraja.M				
	Gokul.R				
	Hari Karthi.C				
	Iyyappan.G				
	Vidhya Sagar.N				
	Srinivasan.T.S				
	Barathkumar.C				
	Thanihavel Santhosh.S				
	Kirubanandhan.D				
			Two Day Workshop On Basic Multibody Dynamics Using Hyperworks 14.0	MCET-Altair Centre Of Excellence	21.12.16 & 22.12.16

Career Planning and Guidance (CPG)

Placement Details

S.No	No. of Students Placed upto Previous Month	Name of the Company Visited in current month	Total No. of Students placed in each Company
1	19	RANE	4
		Velmurugan Industries	2

Consultancy

Dept.	Name of the Faculty (s)	S.No	Title of the Consultancy Work	Quantity	Name of the organization / Firm/ Company	Amount	Period of Consultancy	
							From	To
CDAT	Dr.Rama Thirumurugan Associate Prof	1	FIAT – FCA Steering Knuckle Static Test	78 Nos	SACL	-	12.12.16	20.12.16
	Mr.Abdul Wahid Senior Executive							
	Mr.G.Karthick Technical Assistant	2	Ford Steering Knuckle Static Test	18 Nos	SACL	-	22.12.16	31.12.16
	Mr.K.Thangaraj Lab Assistant							

Memorandum of Understanding

Dept.	Name of the Organization MoU signed with	Purpose of MoU	Signed on (Date)	Period
Mechanical Engineering	Western Thomson India	IAP, Industrial visits, In-plant Training, Internships and Project work for UG/PG students of MCET.& deliver technical lectures by experts.	09.12.16	3 Years

Name and Address of Important Visitors

S. No	Name of the Visitors	Purpose	Date of Visit
1	K.V.Ramanan,GM Western Thomson India	For Apprising C-DAT	10.12.16

January

Staff Development Programmes

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	Dr.Rama Thirumurugan, Associate Professor	Discussion of Students project and Internship	India Pistons limited, chennai	10-01-2017
	Dr.I.Rajendran Professor & Head	Product Based Learning Course Development offsite meeting	TVS Motors, Hosur	10-01-2017, 11-01-2017
	Dr.Calvin Sophistus King Professor			
	Mr. A.Srinivasan Assistant Professor (SG)			
	Mr. M. Padmanaban Assistant Professor			
	Mr.M.Neelavannan Assistant Professor			
	Mr. E.Baskaran Assistant Professor			
	Mr. R.Deepak Chandra Sekaran Assistant Professor			
	Dr.I.Rajendran Professor & Head	Discussion of Placement, Internship and OBE Activities	Cummins India Ltd, Pune. M/s Sigma Electric Manufacturing Corporation, Pune	16-01-2017, 17-01-2017, 18-01-2017
	Mr. Sreejith.S.Nair Assistant Professor	Learning Convention Program	TVS Motors, Hosur	21-01-2017
	Mr. R.Deepak Chandra Sekaran Assistant Professor			
	Dr.Rama Thirumurugan, Associate Professor	Discussion for ABT Container Project	AE Coach, Pollachi	23-01-2017
	Mr.N.Shanmuga Sundaram, Assistant Professor			
Mr.Giridhara Dhayalan, Assistant Professor				
Mr.K.Vijaykkanan, Assistant Professor				

	Mr.S.Gnanakumar, Assistant Professor			
	Dr.I.Rajendran Professor & Head	Discussion of MOU, Centre Establishment and Plant Visit	Janatics India PVT Ltd,	27-01-2017
	Mr.C.Selva Senthil Prabhu Assistant Professor			
	Dr.S.Ayyappan, Associate Professor	Two day workshop on "Skill up-gradation and training needs for University Teachers"	Periyar Maniammai University, Thanjavur	27-01- 2017, 28- 01-2017
	Dr.I.Rajendran Professor & Head	Product Based Learning Course Development offsite meeting	TVS Motors, Hosur	30-01- 2017, 31-01-2017
	Dr.Calvin Sophistus King Professor			
	Mr. A.Srinivasan Assistant Professor (SG)			
	S.Madhusudhanan Assistant Professor (SS)			
	Mr. M. Padmanaban Assistant Professor			
	Mr. Sreejith.S.Nair Assistant Professor			
	Mr.M.Neelavannan Assistant Professor			
	Mr. E.Baskaran Assistant Professor			
	Mr. R.Deepak Chandra Sekaran Assistant Professor			

Professional Society / Department Association / Guest Lectures organized

Dept.	Co-ordinator / Co-coordinator with Designation	Details of Program	Date
Mechanical	Mr.C.Selva Senthil Prabhu Assistant Professor	Technical talk on " Introduction to NVH and Industrial practices" by Mr.M.Jeyaselvan, Assistant General Manager, ELGI Equipments Ltd, Coimbatore	12-01-2017

Participation of MCET Faculty as Resource Person

Dept.	Name of the Faculty with Designation	Title of the Programme	Details & Venue	Date
Mechanical Engineering	Mr.R.Bupathi, Assistant Professor (SG) Mr.S.Madhusudhanan Assistant Professor (SS) Ms.P.Shivaranjani	Pilot workshop on PS- VI Campus to corporate	For III Year B.E.Mechanical Engineering students, C.S.Hall	11-01-2017 to 12-01-2017 and 18-01-2017

	Assistant Professor Mr.N.Santhosh			
	Assistant Professor Mr.E.Baskaran			
	Assistant Professor			

Students Activities

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	III BE Mech A section Students	B.E.Mechanical	Orientation program for PS VI Course (Campus to Corporate)	CS Hall,MCET	11.01.2017, 12.01.2017
2	Karuppasamy C	B.E.Mechanical	Internship	Sundaram Auto Components Limited	09-01-2017 to 30-04-2017
3	Dineshkumar M				
4	Sakthivel M				
5	Prasanth T	B.E.Mechanical	Internship	M/s FlowXplore	12-12-2016 to 31-03-2017

Industrial Project by the Students

S. No	Dept. & Class	Title of the Project	Place of Industry	Total No. of Students Visited	Period
1	IV Year Mechanical	Automation of extruded high density polyethylene tube cutter	Roots India Pvt Ltd - Coimbatore	3	12-12-2016 to 31-03-2017
2	IV Year Mechanical	Increasing the life of plunger and shot sleeve in high pressure die casting machine	Roots India Pvt Ltd - Coimbatore	3	12-12-2016 to 31-03-2017
3	IV Year Mechanical	Effect of heat treatment on welded ring gear.	India Pistons limited Chennai	3	12-01-2017 to 25-2-2017
4	IV Year Mechanical	Fabrication and experimentation of Motoriser cut off machine with special attachment	Ability Electrical Service - Coimbatore	1	24-06-2016 to 20-02-2017

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	12 Students from I Year Mechanical	TVS Motors, Hosur	11-01-2017 to 12-01-2017

Career Planning and Guidance (CPG)

Placement Details

S.No	No. of Students Placed upto Previous Month	Name of the Company Visited in current month	Total No. of Students placed in each Company
1	22	VHEL	2
		EKKI Pumps	6
		Stat Lab	1

Research and Development

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
CDAT	1.Dr.Rama Thirumurugan, 2.Mr.K.Prabu	1.Associate Professor 2.Assistant Professor	1.Ford -Static test of Steering knuckle	M/S Sakthi Auto Components PVT Ltd, Pallagounda mpallayam, Tirupur	-	1.06-01-17	2.13-01-17 3.08-01-17 4.30-01-17
			2.MSIL-Model B and YRA steering knuckle Static test			2.12-01-17	
			3.FIAT-Model FCA Fatigue test			3.7-01-17	
			4. FIAT-Model FCA Static test			4.20-01-17	

Details of Research Activities / Paper Reviewed by the Faculty

Dept.	Faculty name with Designation	Details of Paper Reviewed / Activities	Month of Work
Mech.	Dr.S.Ayyappan, Associate Professor	Reviewed a research paper titled "Assessment of sensible heat storage and fuel utilization efficiency enhancement in rubber sheet drying "for the "Journal of Energy Storage", Elsevier Publications.	Jan.2017

Name and Address of Important Visitors

S. No	Name of the Visitors	Purpose	Date of Visit
1.	Mr.P.Vimal Kumar, SITE STA, Ford Motor, Chennai.	B515 Component testing Validation in CDAT	19.01.2017

February

Staff Development Programmes

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

Dept.	Name of the Coordinator(s) with Designation	Title	Conducted at (Venue)	Sponsored by	No. of Participants attended	Date(s)
Mechanical	Mr R.Bupathi Assistant Professor(SG)	PS IV Workshop for students	Hall no 12	MCET	All students from II A section	09.02.17
	Mr.K.Prabu Assistant Professor				All students from II B section	10.02.17 And 13.02.17
	M.Ganesh Assistant Professor					
	Dr.S.Ayyappan, Associate Professor	Lean Six sigma Greenbelt course	IIT Remote Center, MCET.	M/s.Western Thomson India (P) Ltd., Chennai.	27	12.02.17 -13 .02.17 and 23- .02.17- 25.02.17
	Mr Sreejith S.Nair Assistant Professor					
	Ms.P.Shivaranjani Assistant Professor	PS VI Orientation Program	Vivekananda Study Centre	MCET	All students from III Year Mechanical (B,C Sections)	13.02.17- 14.02.17 And 15.02.17- 16.02.17
	Mr.N.Santhosh Assistant Professor					
Mr.E.Baskaran 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	Mr N.Santhosh, Assistant Professor	IIP Conclave	C.S.Hall – MCET	11.02.17
	Dr.S.Ayyappan, Associate Professor	Group Monitoring Workshop on DST sponsored project on Rural Women Technology Park in Pollachi (RWTP)	SRM University, Chennai	14.02.17
	M.Ganesh Assistant Professor	Fluid power system	Dr.MCET(BOSCH Center)	02.02.17 To

				03.02.17
	Dr.I Rajendran Professor And Head	Product Based Learning Offsite Meeting at IQL Centre,TVSM, Hosur.	TVSM, Hosur.	20-02-17 to21-02-17
	Dr.Calvin.S.King Professor			
	Dr Rama Thirumurugan Associate Professor			
	Mr A.Sreenivasan Assistant Professor			
	Mr Sreejith.S.Nair Assistant Professor			
	Mr S.Baskar Assistant Professor			
	Mr M.Neelavannan Assistant Professor			
	Mr M.Padmanaban Assistant Professor			
	Mr Deepak Chandrasekharan Assistant Professor			

Professional Society / Department Association / Guest Lectures organized:

Dept.	Co-ordinator / Co-coordinator with Designation	Details of Program	Date
Mechanical	Mr. C. Selva Senthil Prabhu Assistant Professor	Two day workshop on " Fluid Power System"	02.02.17 and 03.02.17
	Mr. C. Selva Senthil Prabhu Assistant Professor	A technical event " CAD Modelling and Welding " for third and second year students	17.02.17
	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	Mr. P. Shivaranjani Assistant Professor	Pilot workshop on PS- VI Campus to corporate	For III Year B.E.Mechanical Engineering students, Vivekanandha Study centre	14.02.17 to 17 .02.17
	Mr. N. Santhosh Assistant Professor			
	Mr. E. Baskaran Assistant Professor			

College Events held

S.No	Details of the Event	Date held
1.	Student Talent Enhancement Programme(STEP)	18.02.17

Students Activities

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.	Mohamedanas H	III B.E.Mechanical	RC Car Racing (Won 3 rd Place)	Banariamman Institute of Technology	07.02.17				
	Barathkumar C								
	Balachander M R								
	Harsavarthan A M								
	Thanihavel Santhosh S								
2.	Vijayaragavan J		RC Car Racing			Banariamman Institute of Technology	07.02.17		
	Manikandan V								
	Bharath Mohan G								
	Sivanandam s								
	Agathur Sangamithran V								
	Santhosh Ramu N								
3.	Surendra Kumar.R		SIICA Trophy - Kho - Kho			Kongu College of Engineering	08.02.17		
4.	Pragatheeswaran V	III B.E.Mechanical	Mr.Machinist	KCT - YUGAM	09.02.17 To 11.02.17				
	Janarthanan R								
	Dinesh M								
5.	Pragatheeswaran V		COMICOFUNIA			KCT - YUGAM	09.02.17 To 11.02.17		
6.	Pragatheeswaran V		WEALTH FRUM WASTE						
7.	Logesh M		FORENSIC						
	Dinesh M								
8.	Iyyappan		AUTO-QUIZ					KCT - YUGAM	09.02.17 To 11.02.17
	Harikarthi								
	Vidhyasagar N								
	Janarthanan V								
	Sugumar V								
9.	Iyyappan	SOLVE AND SIMULATE	KCT - YUGAM	09.02.17 To 11.02.17					
	Harikarthi								
	Vidhyasagar N								
	Janarthanan V								
	Madhankumar A B								
	Sugumar V								
10.	Janarthanan V	MELT IT JOIN IT			KCT - YUGAM	09.02.17 To 11.02.17			
	Sugumar V								
	Janarthanan R								
11.	Iyyappan	HUNT THE HIDDEN					KCT - YUGAM	09.02.17 To 11.02.17	
	Harikarthi								
	Vidhyasagar N								
12.	Harikarthi	K-Quiz and INDIA Quiz	KCT - YUGAM	09.02.17 To 11.02.17					
	Vaideeswaran T								
	Sivakumar D								
	Umar Sherif K								
	Ravindhar V								

13.	Gokul S		AMUZEMENT 2017				
	Mohanbabu S						
	Sivakumar A						
	Akilnarayanan J						
	Manickam R						
14.	Sivakumar D		CAD Clash and Yoga competition				
	Umar Sherif K						
	Ravindhar V						
15.	Mohammed Asarudeen R		Debate and Technical Event			Karpagam University Coimbatore - ELECTRIX 17	21.02.17
	Varun Chakravarthi K						
	Akilesh Nandha						
	Prabakaran R						
16.	Manickam R		II B.E. Mechanical			ADZAP-Marketing(1st Price)	Institute of Road and Transport Technology,Erode
	Arun Mohan N						
17.	Sanjeev Krishna S R	II B.E. Mechanical	National Yoga Competition	Yoga Competition Club,Tiruppur	26.02.17		
18.	Manikandan.S						
	Krishna prasad						
	Dhayalan.E						

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.	Pragadeeswaran.V	B.E Mechanical III year	Lean Six sigma Greenbelt course	M/s.Western Thomson India (P) Ltd., Chennai and IIT Remote Center, MCET.	12.02.17 - 13 .02.17 and 23-.02.17- 25.02.17
	Sivanesh.K				
	Padmakumar D.S.				
	Hemathkumar.M.B.				
	Vishnu Priyan.P				
	Harish babu.K.S.				
	Mohamad Asarutheen.R.				
	Nazeer.S				
	Kaviyarasu.R				
	Akhilesh Nandha.V				
	Satheeshkumar.M				
Madhankumar.A					
2.	Pragadeesh.S	B.E Mech II Year B Sec	YUKTAHA 2k17	PSG Institute of Technology and Applied Research	17.02.17
	Dinesh.T				
	Saran Kumar.S				
	Prashanth.M				

Physical Education Activities

S.No	Students Name	Year & Dept.	Events Details	Awards / Medals (if any)	Date of the Event
1	Nivas B M	III Mech A	Sakthi Trophy basketball	-	11.02.17
	Ajay				
2	Venkat Prasanth J		NGM Trophy	-	15.02.17 To 16.02.17
	Arun Kumar M		CDCA Cricket Tournament		14.02.17 To 17.02.17
		Sakthi Tournament		09.02.17 & 10.02.17	

NCC Activities

Name of the Students	Degree Studying	Branch	Programmes Organized / Conducted / Participated	Venue	Date (s)
Velaisamy.K	II BE	Mechanical	NSS	Village	18.02.17
Jeyaprabhu.E					&
Nivedhan.M					25.02.17

NSS Activities

Name of the Students	Degree Studying	Branch	Programmes Organized / Conducted / Participated	Venue	Date (s)
Nithyamanikandan R	IIInd Year B.E.	Mechanical	Participated	Somandurai Sithur, Pollachi	21-2-17 To 26-02-17
Dharanitharan M					
Pranav Sankar K S					
Rajavel S					
Sethupathi P					
Thomas Victor					
Dhinesh M					

Career Planning and Guidance (CPG)

Placement Details

S.No	No. of Students Placed upto Previous Month	Name of the Company Visited in current month	Total No. of Students placed in each Company
1.	31	Sutherland Global	3
2.		Hexaware	2
3.		St.Johns Logistics	2
4.		Caresoft	1
5.		Harita Tech Serv	1

Details of Training imparted to Students

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
CDAT	Dr.Rama Thirumurugan	Associate Professor	1.Fiat -Static test of steering knuckle-17 nos	Sakthi Auto Component (P)Ltd, Thirupur	-	11.02.17	28.02.17
	Mr.K.Prabu	Assistant Professor	2.MSIL- Static test of steering knuckle -44 nos 3.MSIL-Impact test-2nos				

Name and Address of Important Visitors

S. No	Name of the Visitors	Purpose	Date of Visit
1.	Mr.S.Nagarajan Vice President - R&D, Quality Assurance ,Rane Brake liners, Chennai	Student Talent Enhancement Programme(STEP)	18.02.17
2.	Mr.S.Vignesh Executive- Business & Development PESCO BEAMEnvironmental Solutions Pvt. Ltd, Chennai		
3.	Mr. A .Kathirvel (Alumni-Mech Engg), Bradken India Pvt Ltd, Coimbatore		
4.	Mr.S.JeevaKarthick Pandian, (Alumni-Auto. Engg) Junior Engineer, Quality, Suren Automotive Pvt Ltd, Madurai		
5.	Mr.R.Mohansamy, (Alumni-Auto. Engg) Caresoft Global Pvt Ltd, Pollachi.		

March

Staff Development Programmes

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

Dept.	Name of the Coordinator(s) with Designation	Title	Conducted at (Venue)	Sponsored by	No. of Participants attended	Date(s)
Library	Dr. P. Selvakumar, Librarian	Library advisory committee meeting	Library journal section	MCET	14	02.03.2017
OBE	Mr. Ramalingam, Consultant	Workshop for achieving our college Vision & Mission	MCA Seminar hall	MCET	30	06.03.2017
Mech.	Mr. A. Srinivasan, Assistant Professor (SG)	The Personal Orientation -4 [Ethics & Moral Responsibility]	IIT-B Remote Center	MCET	CEP Students	06.03.2017 & 07.03.2017
Mech.	Mr. M. Saravana Kumar, Centre Manager – CAD/CAE/PLM/ Centres	Faculty Training in NX11.0 CAD Basics	Siemens Centre	MCET	14	20.03.2017 to 25.03.2017

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.S.Madhusudhanan Assistant Professor (SS) Mr.N.Shanmuga Sundaram, Assistant Professor Ms.P.Shivaranjani Assistant Professor	Sensitive Test	MCA Seminar Hall, MCET	07-03-2017
Mechanical	Dr.I.Rajendran Professor & Head	Discussion of Placement, Internship and OBE Activities	Volvo Construction Equipment, Bangalore Bharat Fritz Werner Limited, Bangalore Maini materials movement pvt ltd, Kailash Vahan	13-03-2017 14-03-2017

			Udyog Ltd, Banglore	
Mechanical	Mr. M.Ganesh, Assistant Professor Mr. R.Ganesh, Assistant Professor Mr. S.Gnanakumar, Assistant Professor Mr. E.Baskaran, Assistant Professor Mr. M.Saravanakumar, Centre Manager	Faculty Training in NX11.0 CAD Basics (Sketcher, Part Modeling, Assembly, Drafting and Detailing)	Siemens Centre, MCET	20-03-2017 to 25-03-2017
Mechanical	Mr. R.Bupathi, Assistant Professor (SG)	Training for the persons deputed by M/S Ever Sendai	M/s Ever Sendai construction pvt Ltd.,Trichy	22-03-2017
Mechanical	Mr. M. Padmanaban Assistant Professor Mr.C.Settu, Technical Assistant	Training on operating on CNC	TVS Motor Company Limited, Hosur.	22-03-2017
Mechanical	K.Sivakumar, Assistant Professor	Lean six sigma, DMAIC green belt training	IIT-B Remote centre, MCET	24-03-2017 to 26-03-2017
Mechanical	Dr. I. Rajendran, Professor & Head Dr. Calvin S King, Professor Dr. Rama Thirumurugan. Associate Professor Mr. A. Srinivasan, Assistant Professor (SG) Mr. Madhusudhanan, Assistant Professor (SS) Mr. N. Padmanaban, Assistant Professor Mr. Sreejith S Nair, Assistant Professor Mr. N. Neelavannan, Assistant Professor Mr. E. Baskaran, Assistant Professor Mr. R. Deepak Chandra Sekaran, Assistant Professor	Onsite meeting for development of PBL- Loop 1 courses	OBE Seminar Hall, B-Block, MCET	27-03-2017 & 28-03-2017

Professional Society / Department Association / Guest Lectures organized:

Dept.	Co-ordinator / Co-coordinator with Designation	Details of Program	Date
Mechanical	Ms.P.Shivaranjani Assistant Professor Mr.S.Gnanakumar Assistant professor	Guest lecture on "Awareness on Industrial Safety" by V.P.Thangavel, Manager (Safety), Sakthi Auto Component Ltd.	11-03-2017

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	Mr. T.Vignesh Kumar Assistant Professor Dr.Rama Thirumurugan Associate Professor	Influence of cryogenic treatment on the metallurgy of ferrous alloys- A Review	Materials and Manufacturing Processes (Taylor and Francis)	Accepted , In Press	-	-	-

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
Vignesh H Bavin B Giridhar R B Mohamed Yasik M Logesh M Padmakumaar D S Surya S Gowthaman S Praveen Krishna Kumar B Vigneshwaran N Bhuvaneshwaran A	BE	Mecha nical	Rank holder	MCET	Rank holder	18-03-2017
Ramani Sankar R			Dr. Mahaling am Sathabis hekam Commem	Dr. Mahalingam Sathabishekam Celebrations Committee	Best Outgoing B.E. Mechanical Engg. student	18-03-2017

			oration Prize			
Santhoshbalaji.S.A Rajavel.S Arunprasath.K Vignesh.H Gowtham.P Parthipan.D Vijakarthick.S Nithyananikandan.R Dhamim Ansari.Y Kiranraj.M			Arutchelvar Scholarship Awards	Dr. Mahalingam College of Engineering and Technology	Encourage students by giving Scholarship	25-03-2017

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	Second Year Mechanical Students	Mechanical	Student Talent Enhancement Program (STEP)	Mechanical Engineering, CS Hall, MCET	11-03-2017
2	Vijayaraghavan.J Bharathkumar.C Srinivasan T.S. Sivanesan .T Sivanandham.S Sibichakravarthy.S Bharathmohan.G Seetharaman.M Praveen.S.P Manikandan.V Prasanna.V Sukesh.R Surendrakumar.R	III YR Mechanical	Lean Six Sigma Green Belt Course	M/s.Western Thomson India (P) Ltd., Chennai & IIT-B Remote Centre, MCET	24-03-2017 to 26-03-2017

Industrial Visits / Tour

S. No	Dept.	Class	Place of Industrial Visit	Total No. of Students Visited	Date
1.	Mechanical	B.E II A Section	Roots Cast India Ltd.	47	27-03-2017
		B.E II B Section	Roots Industries India Limited - Horn Division.	49	28-03-2016

Industrial Project by the Students

S. No	Dept. & Class	Title of the Project	Place of Industry	Total No. of Students Visited	Period
1	IV Year Mechanical	Automation of extruded high density polyethylene tube cutter	Roots India pvt Ltd - Coimbatore	3	12-12-2016 to 31-03-2017
2	IV Year Mechanical	Increasing the life of plunger and shot sleeve in high pressure die casting machine	Roots India pvt Ltd - Coimbatore	3	12-12-2016 to 31-03-2017

Career Planning and Guidance (CPG)

Placement Details

S.No	No. of Students Placed upto Previous Month	Name of the Company Visited in current month	Total No. of Students placed in each Company
1	40	IDBI Fedrel	6
		Gpgreen Bor	3

Research and Development

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
CDAT	1. Mr. Abdul Wahid 2. Mr. G. Karthick 3. Mr. K. Thangaraj	1.Senior Executive 2.Technical Assistant 3. Lab Assistant	FCA steering knuckle static test	Sakthi Auto Component (P)Ltd, Thirupur	-	03-03-17	07-03-17

Name and Address of Important Visitors

S.No.	Name of the Visitors	Purpose	Date of Visit
1.	Mr. Immanuel, CNH, Italy	Validating CDAT	06-03-2017
2	Mr.R.Shankar Narayanan, L&T Construction, Chennai	Validating CDAT	18-03-2017
3	Mr.Shashank sarma, Manager (SC-TCH2) Transmission, Supply Chain Division,MSIL.	Validating CDAT	23-03-2017
4	Mr.Ravindar Naik, TVS Motor Company, Hosur.	Validating CDAT	27-03-2017

April

Staff Development Programmes

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

Dept.	Name of the Coordinator(s) with Designation	Title	Conducted at (Venue)	Sponsored by	No. of Participants attended	Date(s)
Mech.	Dr. Rama Thirumurugan Associate Professor	5th National Conference on Materials,	A315	Mechanical and Automobile Engineering, MCET	26	29.04.17
	Mr.N. Shanmuga Sundaram Assistant Professor	Mechanical and Automobile Engineering (NCMMAE-17)				

Professional Society / Department Association / Guest Lectures organized:

Dept.	Co-ordinator / Co-coordinator with Designation	Details of Program	Date
Mechanical	Mr.C.Selva Senthil Prabhu Assistant Professor	Valediction function of Mechanical Engineering Association, and technical talk on "Cogeneration Power Plant Operations" by Mr. E. P. Vimalanathan	19.04.17
	Mr. S.Gnanakumar Assistant Professor		

Students Activities

Paper Presentation by the Students

S.No	Student's Name	Branch and Department	Title of Paper Presented	Organizer and Place of program	Date
1.	Deepan Babu D	M.E CAD CAM	Optimization of Journal Bearing Design Parameters to Obtain Minimum Friction and Temperature Raise	Mechanical and Automobile departments, MCET	29.04.17
2.	Jegan N	M.E CAD CAM	Effect Of Shot Peening Treatment On Improving The Fatigue Properties Of En19 Steel		
	Naveen kumar A	IV Year B.E Mechanical			
3.	Vadivel S	M.E CAD CAM	A Study On Tensile Properties Of Short Mullberry Fiber Reinforced Polymer Composites		
4	Arun Kumar I Ramani Sankar R Aswin S	IV year B.E Mechanical	Effect of Heat Treatment on Welded Ring Gear		
5	Kathiravan. R	M.E CAD CAM	BACKGROUND PAINTING AUTOMATION IN CVBL AND PCBL		

Name and Address of Important Visitors

S. No	Name of the Visitors	Purpose	Date of Visit
1	Mr R.Sivakumar and Mr A.Jeayaraj from Eversendai Constructuon(P)Ltd	CDAT Validation	06.04.17
2	Mr.E.P.Vimalanathan, Senior Manager Instrumentation Sakthi Sugars limited Appakuddal	Valediction function of Mechanical Engineering Association and technical talk on "Cogeneration Power Plant Operations"	19.04.17
3	1.Mr.Anandakrishnan VP,TVS Motor Company,Hosur 2.Mr.Bhavani Sankar, GM-Quality Department,SACL-TVS	CDAT Validation	21.04.17

May

Staff Development Programmes

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

Dept.	Name of the Coordinator(s) with Designation	Title	Conducted at (Venue)	Sponsored by	No. of Participants attended	Date(s)
Mechanical	Dr. D. Shanmugam, Associate Professor	Casting	IIT B-Remote Centre	MCET & Valeo, Chennai	17	04.05.17 to 05.05.17
Mechanical	Dr. D. Shanmugam, Associate Professor	Advanced Welding and NDT Practices	MCET-TUV Centre of excellence	MCET	20	05.05.17 to 06.05.17
Mechanical	Mr. M. Saravana Kumar Centre Manager- CAD/CAM/CAE/PLM Centres	VAE on NX 11.0	Siemens Centre, MCET	MCET	19	23.05.17 to 28.05.17

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.Bupathi, Assistant Professor (SG) Mr.M.Neelavannan, Assistant Professor Mr. E.Baskaran Assistant Professor K.Sivakumar Assistant Professor Mr.K.Velmurugan, Technical Assistant Mr.M.Kanakaraj, Technical Assistant	Faculty development program on Casting conducted by Mr. Sankar Das, Casting Expert, Valeo, Chennai	IIT B- Remote Centre, MCET	04.05.17 to 05.05.17
Mechanical	Mr. M.Padmanaban, Assistant Professor Mr.Sreejith.S.Nair, Assistant Professor Mr.N.Santhosh, Assistant Professor Mr.M.Ganesh, Assistant Professor	Advanced Welding and NDT Practices	MCET-TUV Centre of excellence	05.05.17 to 06.05.17
Mechanical	Mr.R.Bupathi, Assistant Professor (SG)	Discussed about Industrial attachment programme,	M/s Roots Company. Horn	15.05.17

		Exploring the possibility of having a tie-up.	division, Coimbatore	
Mechanical	Mr.R.Bupathi, Assistant Professor (SG)	Discussed about Industrial attachment programme, Exploring the possibility of having a tie-up.	M/s Mont Bleu Technologies, Coimbatore	15.05.17
Mechanical	Mr.R.Bupathi, Assistant Professor (SG)	Discussed about Industrial attachment programme, Exploring the possibility of having a tie-up.	M/s L.G Balakrishnan & brothers Ltd, Coimbatore	15.05.17
Mechanical	Dr.Rama Thirumurugan Associate Professor	Discussion with Dhanashekar.K, Manager on students internship, projects and OBE activities	Automotive Axiles Limited, Mysore, Karnataka	23.05.17
Mechanical	Dr.Rama Thirumurugan Associate Professor	Discussed with Mr.S.Shamsundar, Dr.K.R.Prakash on renewable energy and automation technologies.	National Institute of Engineering, Mysore, Karnataka	23.05.17
Mechanical	Dr.Rama Thirumurugan Associate Professor	Discussed with Mr.G.Sundararaj and Mr.Murugu on students internship, projects and OBE activities	Volvo Construction Equipment, Bangalore	24.05.17
Mechanical	Dr.Rama Thirumurugan Associate Professor	Discussed with Mr.P.N.Prasad on COE for Automotive testing.	Automotive testing systems, Bangalore	24.05.17
Mechanical	Dr.Rama Thirumurugan Associate Professor	Discussed with Mr.B.K.Sathish on students internship, projects and OBE activities.	UTL Technologies Ltd., Bangalore	24.05.17
Mechanical	Dr.Rama Thirumurugan Associate Professor	Discussed with Mr.Muralidhar Pundla on students internship, projects and OBE activities.	The Akashaya Patra Foundation, Bangalore	24.05.17
Mechanical	Dr.Rama Thirumurugan Associate Professor	Discussed with Mr.B.Sanjeewa Pal, GM on students internship, projects and OBE activities.	TTK Prestige, Hosur	25.05.17
Mechanical	Dr.Rama Thirumurugan Associate Professor	Discussed with Mr.S.Srinivasan and Mr.P.Balasubramanian on RESE 2017, students internship, projects and OBE activities	Titan Company Limited, Hosur	25.05.17
Mechanical	Dr.I.Rajendran Professor & Head Dr.Calvin Sophistus King Professor Dr.Rama Thirumurugan	Product Based Learning - Review meeting for Course Content Development for Engineering Graphics, Introduction to	MCA Seminar Hall	29.05.17

	Associate Professor S.Madhusudhanan Assistant Professor (SS) Ms.P.Shivaranjani Assistant Professor Mr. M. Padmanaban Assistant Professor Mr. Sreejith.S.Nair Assistant Professor Mr.M.Neelavannan Assistant Professor Mr. R.Deepak Chandra Sekaran Assistant Professor	Engineering and MP-1 and MP-2		
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Participation of MCET Faculty as Resource Person

Dept.	Name of the Faculty with Designation	Title of the Programme	Details & Venue	Date
Mech	Dr. Calvin S. King, Professor	Dissemination of CEP,OBE and PS to faculty members from SKY	Presented about the OBE model at MCET	29.05.17
Mech	Mr.C.Selva Senthil Prabhu, Assistant professor	Summer Camp – PLC &HMI, Industrial Automation.	MBRAIN Centre, MCET, Pollachi	24.05.17 to 31.05.17

Students Activities

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	B.Bavin G.Raghul S.V.Dharshan. M.Prasanna kumar	B.E.Mechanical	Industry Attachment Program	Butterfly Group of Companies, Chennai	29.05.17 to 09.06.17
2	R.Jaganathan V.Manikandan S.Sivanandam A.Mathan kumar V.Ravindhar S.Gokul A.Siva kumar M.Jeevanantham S.Mohan babu S.Kumar C.Hari karthi N.Ajay S.Sathees kumar R.Logesh	B.E.Mechanical	Industry Attachment Program	Roots Group of Companies, Coimbatore	29.05.17 to 23.6.17

3	T.S.Srinivasan S.Gowtham Prasad R.Ranjith V.Sugumar N.Ajithkumar D.Siva Kumar SP.Praveen M.Logesh V.Prasanna C.Sudharshan R.Kaviyarasu M.Vivek S.Meiyarasan K.Kaviyarasu M.Mohammad Yasik	B.E. Mechanical	Industry Attachment Program	Sakthi Auto Components Pvt. Ltd. Perundurai	29.05.17 to 23.06.17
4	D.Parthipan M.Kiranraj K.Arunprasath B.Muruganantham	B.E. Mechanical	Industry Attachment Program	Western Thomson India Ltd, Chennai	29.05.17 to 10.06.17

Career Planning and Guidance (CPG)

Placement Details

S.No	No. of Students Placed upto Previous Month	Name of the Company Visited in current month	Total No. of Students placed in each Company
1	50	VIZZITEC Solution Pvt Ltd	1
		Caresoft Global	4
		ROOTS India Ltd	1
		Valeo - Chennai	1
		Sakthi Auto Components Ltd	18

Research and Development

Honours / Nominations by Statutory Committees constituted by State / Central / Professional Bodies

Dept.	Name of the Faculty (s)	Designation	Honours / Nominations	Honored Nominated (Name of the Organization)	Date
Mechanical	N.Santhosh, Assistant Professor	Assistant Professor	Editorial Board Member	International Research Journal of India	19.05.17