

Department of Mechanical
Engineering

NEWSLETTER

2015-2016

VOLUME - 2

EDITORIAL BOARD

PATRONS

Dr. M. Manickam

Chairman, MCET

Mr. M. Harihara Sudhan

Correspondent, MCET

Prof. C. Ramaswamy

Secretary, NIA Educational Institutions

ADVISORY COMMITTEES

Dr.S.Vijayarangan

Director (Academic)

Dr. M. Ramakrishnan

Principal

Dr.I.Rajendran

Head of Department

FACULTY COORDINATORS

Dr. B. Viswanath

Associate Professor

Mr. S. Gnanakumar

Assistant Professor

EDITORS

M.Sangeeth Kumar

IIIrd Year A-Section

D.K.Nigesh

IInd Year B-Section

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

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)
Mechl	Mr.M.Arun Assistant Professor	Short Term Program on "Computational Fluid Dynamics"	Hall No.12,MCE T	Mechanical And Automobile department	III year Mechanical and Automobile students (35 Nos.)	07.01.16 And 08.01.16
	Dr. I.Rajendran Professor & Head	Students Talent Enhancement Program (STEP)	Mechanical Seminar hall, MCET		II Year Mechanical And Automobile department students	09.01.16
	Mr.S.Madhusudhanan Assistant Professor (SS)					
	Mr.N.Shanmuga Sundaram Assistant Professor					
	Mr.M.Arun Assistant Professor					
	Mr.E.Baskaran Assistant Professor					
	Mr.N.Santhosh Assistant Professor					
	Dr. I.Rajendran Professor & Head					
	Mr.A.R.Suresh Assistant Professor (SG)					
	Mrs.P.Shivaranjani Assistant Professor					
	Mr.S.Muthu Baskaran Assistant Professor					
	Mr.S.Gnanakumar Assistant Professor					
	Mr.K.Sivakumar Assistant Professor					
	Mr. R.Bupathi Assistant Professor (SG)					
Mr.M.Padamanaban Assistant Professor						

	Mr.K.Prabu Assistant Professor	(STEP)			students			
	Mr.Sreejith S. Nair Assistant Professor							
	Dr. I.Rajendran Professor & Head	Workshop for developing the course content (COs, Mind mapping and Design Document) for the upcoming 5th semester			MCA Seminar hall		Mechanical and Automobile staff members(30 nos)	28.01.16 To 30.01.16
	Mr.S.Ayyappan Assistant Professor (SG)							
Dr.Rama. Thirumurugan Associate Professor	Topology optimization using HYPERWORKS-Optistruct	Altair center of Excellence	20 students	23.01.16				
Mr.M.Giridharadhayalan Assistant Professor								

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

Dept.	Name of the Faculty with Designation	Details of Program	Place of Program	Date
Mech	Mr.K.Prabu Assistant Professor	TVS Internship Program	Tvs Motor Company, Hosur	11.01.16 To 13.01.16
	Mr.Sreejith S. Nair Assistant Professor			
	Mr. R.Bupathi Assistant Professor (SG)	Empowering youth to enrich man kind	NGM College	29.01.16
		PS V curriculum development program	Principal conference hall, MCET	22.01.16
	Dr.R.Ravindran Associate Professor	Workshop for developing the course content (Cos, Mind mapping and Design Document) for the upcoming 5th semester	MCA Seminar hall,MCET	28.01.16 To 30.01.16
	Mr.S.Ayyappan Assistant Professor (SG)			
	Dr.Rama.Thirumurugan Associate Professor			
	Dr.B.Viswanath			

	Associate Professor			
	Mr.A.R.Suresh			
	Assistant Professor (SG)			
	Mr.R.Bupathi			
	Assistant Professor (SG)			
	Mr.A.Srinivasan			
	Assistant Professor (SG)			
	Dr.V.Sivanand			
	Associate Professor			
	Mr.M.Arun			
	Assistant Professor			
	Mr.S.Madhusuthanan			
	Assistant Professor(SS)			
	Mr.N.Shanmugasundaram			
	Assistant Professor			
	Mr.M.Padmanabhan			
	Assistant Professor			
	Mr.T.Kasirajan			
	Assistant Professor			
	Mr.T.Vigneshkumar			
	Assistant Professor			
	Mr.R.Ganesh			
	Assistant Professor			
	Mrs.P.Shivaranjani			
	Assistant Professor			
	Mr.Selva Senthil Prabhu			
	Assistant Professor			
	Mr.Gnanakumar			
	Assistant Professor			
	Mr.Bharathiraja			
	Assistant Professor			
	Mr.A.Umashankar			
	Assistant Professor			
	A.Srinivasan, AP(SG)/Mech R.Bupathy AP(SG)/Mech	National Seminar on Empowering the Youth to Enrich Mankind; A day long program with expert talks by six eminent resource persons drawn from different field; They spoke on the six values	NGM College Pollachi	29.1.16

		for enriching mankind: personal values, family values, professional values, social values, national values and global values		
--	--	--	--	--

Professional Society/Department Association/Guest Lectures organized

Dept.	Co-ordinator / Co-coordinator with Designation	Details of Program	Date
Mechanical	Mrs.P.Shivaranjani Assistant Professor	Macroeconomics analysis in respect to India's perspective view	06.01.16
	Dr. I.Rajendran Professor & Head	Awareness programme for GATE Exam conducted by GATE FORUM, Coimbatore.	20.01.16
	Mr.S.Ayyappan Assistant Professor (SG)		

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.	Javith Ahamed S Praveenkumar V Navaneedakrishnan G	III-B.E Mechanical B section	Organized State level event	KCT- COIMBATORE	11.01.16 To 12.01.16
2.	P.V.Vignesh	III-B.E Mechanical A section			
3.	A.M.Harshavardhan C.Bharathkumar V.Agathur Sangamithran S.Sibi sakkaravarthi T.S.Srinivasan M.Mohamed yashik	II-B.E Mechanical B section	Youth assembly		

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.	60 students of Pre-Final year	III Yr Mechanical	Elaborately 10 lucidate students about the Campus recruitment and also guide them toward preparing for the same	Dr. T. THYAGARAJAN, Director, Centre for University –Industry Collaboration, Anna University Chennai at CS Hall	22.01.16
2.	Javith Ahamed S	III-B.E Mechanical B section	Participated in Indian student parliament	MAEER's MIT School of Government, Pune	27.01.16 To 30.01.16

In-Plant Training / Internship by the Students

Dept.	Student Name / Total No. of Students & Branch	Place of In-plant Training / Internship	Period of Training (Date(s))
Mechanical	R.Adharsh	Caterpillar – Thiruvallur	14.08.15 To 14.09.15
	R.Adharsh	Precicast industries – Coimbatore	28.11.15 To 2.01.16
	Ajith Kumar	Ford India Pvt Ltd – Chengalpattu	18.01.16 To 26.02.16
	Mohammed Irfan K.Rukmanandhan N.Manikandan N.Bala murali S.Sasikumar	Ashok Engineering – Coimbatore	5.02.16 To 4.03.16
	R.VishnuRaj Alfred Marshall Gokula Muthu Krishnan	Infosys – Mysore	6.02.16 To 6.05.16
	R.Venkatesh	Blue Star AC Dealers & service – Salem	8.02.16 To 15.04.16
	R.Vinoth A.Vishnu Priyan S.Santhosh	Renault Nissan Automotives – Chennai	1.02.16 To 28.03.16
	N.Narayana Kumar	Shri Ramalinga Mills Limited – Aruppukottai	1.02.16 To

			1.04.16
	S.Shameer Mohammed	AW Rostamani – Dubai	10.02.16 To 30.03.16

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	Sutherland Global	1
2		CADD Centre	8
3		Precicast industries	1
4		Bright AutoPlast	6
5		Force Motors – Coimbatore	5
6		Southern Agro Engines pvt ltd	13
7		Caresoft Global	2

Consultancy

Dept.	Name of the Faculty (s)	Designation	Title of the Consultancy	Name of the organization / Firm/ Company	Period of Consultancy	
			Work		From	To
CDAT	Dr.Rama Thirumurugan	Associate Professor	GM-T-300 Steering Knuckle Static Test	SACL	13.01.16	13.01.16
	Mr.G.Karthick	Technical Assistant	GM-M2xx- Steering Knuckle Static Test		25.01.16	25.01.16
			GM-T-300 Steering Knuckle Static Test		25.01.16	25.01.16
	Mr.K.Thangaraj	Lab Assistant	GM-T-300 Steering Knuckle Static Test		27.01.16	27.01.16
			GM-T-300 Steering Knuckle Impact Test		27.01.16	27.01.16
			GM-T-300 Steering Knuckle Fatigue Test		27.01.16	01.02.16
			Ring Gear Fatigue Test		13.01.16	23.01.16

ii) Library User Statistics and Circulation for the current month

User Category	Library Circulation	
	Issues	Returns
Staff : 30	Staff : 4	Staff : 5
Students : NIL	Students : NIL	Students : NIL
Total : 30	Overnight Issues : NIL	
	Total Transactions : 9	

Name and Address of Distinguished Visitors

S. No	Name of the Visitors	Purpose	Date of Visit
1.	Mr.LUSSA ROBOTTI,STAR ITALY Team	Validating CDAT Facilities	07.01.16
	Mr.GABRIELE FERRO, STAR ITALY Team		
2.	Mr.RAMESH BASKAR RAO, TTK Prestige HOSUR	Visiting and validating CDAT	09.01.16
3.	Mr.RAMESHKRISHNAN.E,Robert Bosch India Ltd	Validate CDAT Activities	07.01.16 And 08.01.16
4.	Dr.K. ARUL PRAKASH ,Associate Professor, Department of Applied Mechanics Indian Institute of Technology Madras	Resource person for CFD workshop	
5.	Dr.G.Balakrishnan,Caterpillar Ltd,Chennai	Student Talent Enhancement Programmes	09.01.16
	Dr.E.Ramakrishnan,Robert Bosch,Cbe		
	Mr.Ramesh Baskar Rao,Vice President , TTK Prestige Ltd,Bangalore		
	Mr.E.K.Ponnusamy President Codissia,Cbe		
	Mr.V.Kannan,Senior Manager R&D,Gilbarco Veeder Root India Pvt Ltd,Cbe		
	Mr.G.Arunkumar,Territory Incharge,Shriram Pistons and Rings Ltd,Bangalore		
	Mr.Sundaralingam,Design Engineer,Mahindra Research Valley,Chennai		
6.	Mr.R.Karthikeyan,Senior Engineer,Pricol Technologies,Cbe		23.01.16
	Mr.Sachidhanantham,Engineer R&D,L&T,Cbe		

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	Dr.S.Vijayarangan Professor & Director (Academic)	OBE training	TVS,Hosur	TVS	20	04.02.16 To 05.02.16
	Dr. I.Rajendran Professor & Head					
	Dr.R.Ravindran Associate Professor					
	Dr.Rama Thirumurugan Associate Professor					
	Dr.V.Sivananth Assistant Professor(SG)					
	Mr.S.Madhusuthanan Assistant Professor(SS)					
	Mr.N.Shanmuga Sundaram Assistant Professor					
	Mr.N.Santhosh Assistant Professor					
	Dr.Rama Thirumurugan Associate Professor					
Mr.M.Giridhara dhayalan Assistant Professor						

	All Teaching staff from Mechanical department	Workshop regarding the preparation of DD and Syllabus for VI semester subjects	MCA Seminar hall,MCET	Mechanical and Automobile Dept.	52	20.02.16
	Mr.N.Santhosh Assistant Professor	Industry Attachement program	SACL – Vijaya Mangalam	Mechanical and Automobile Dept.	30	22.02.16 To 26.02.16

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.Gnanakumar Assistant Professor	Industry Institute Interface	Saveetha Engineering College, Chennai	13.02.16
	Mrs P.Shivaranjani Assistant Professor	One day workshop on "Lean Manufacturing"	PSG, Coimbatore	27.02.16
	Mr.N.Santhosh Assistant Professor	National Conference on Pumps	CII - The residency hotel – Coimbatore	19.02.16

Professional Society/Department Association/Guest Lectures organized

Dept.	Co-ordinator / Co-coordinator with Designation	Details of Program	Date
Mechanical	Mr. S.Ayyappan Assistant Professor (SG)	GATE class awareness by Mr. C.J.Liju GATE coaching expert,Kerala	02.02.16
	Dr.B.Viswanath Associate Professor	Guest Lecture on "Further and Higher studies" by Mr.Dinesh Nallathambi Mechanical Engineer Foody Jungle Pty Ltd. Perth, Australia	03.02.16
	Mr.S.Gnanakumar Assistant Professor		
	Dr.Rama Thirumurugan Associate Professor	One Day Workshop on Research Colloquium on Processing and Characterization of Engineering Materials	27.02.16

Papers Presented in International 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	A R Suresh Associate Professor(SG)	Studies on wear behaviour of low alloy steel impregnated with WS2	Intl. Conference on Materials, Design & Manufacturing ICMDM 2016	Anna University, Chennai	Anna University, Chennai CEG Campus	19.02.16	Paper ID : 5533
	Dr. I Rajendran Professor & Head						
	C.Selva Senthil Prabhu Assistant Professor	Performance of Fatigue strength and Wear Resistance of EN 19 Material by Shot Peening Treatment					377-380
	M.Giridharadayalan Assistant Professor						

Participation of MCET Faculty as Resource Person

Dept.	Name of the Faculty with Designation	Title of the Programme	Details & Venue	Date
ICE , EIE & MBRAIN Centre	C.Selva Senthil Prabhu Assistant Professor	Industrial Automation Using PLC and HMI	MBRAIN CENTRE	24.02.16 To 26.02.16

College Events held

S.No	Details of the Event	Date held
1.	The orientation programmes of Promotion of Wellness (PSW) and Sports for Wellness (SFW) courses were conducted for first year students. Also the fitness measurements were taken for these students on physical, mental and social wellbeing.	28.01.16 To 11.02.16
2.	62nd Founder's Day	07.02.16

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.	Balakumaran M	IV B.E Mechanical	Project presentation -Industry Institute Interface	Saveetha Engineering College, Chennai	13.02.16
	Arvinth R				
	Alfred Marshall A				
2.	I B.E Mechanical		ROBOTRON v.4.0 (Intra College Project Expo and Idea presentation)	Robotics Learning Development Cell at CS Hall,MCET	22.02.16

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.	Shamir Ahamed M R	III B.E Mechanical	One day Workshop on Topology Optimization using optistruct	Altair Centre of Excellence,MCET	19.02.16
	Praveen Kumar .M				
	Sathish Kumar S				
	Vigneshwaran N				
	Jailani A				
	Mahaboob Shajath S				
	Bhuvaneshwaran A				
	Santosh Kumar.M				
	Ramani Sankar R				
	Santha Kumar M				
	Vinoth Kumar C				
	Deenadayalan V				
	Gauthaman.C				
	Vijaya Kumar.M				
	Muthupandi T				
	Peter Antony P D				
	Praveen S				
Nasuruddin Naufal A					
Vignesh Karthik R					
Selva Kumar.M					

2.	Satheesh S		Seminar Program on higher studies in Germany and Entrepreneurship	C121 Seminar Hall,MCET	25.02.16
	Prasanth T				
	Prabu. N				
	Ramani Sankar R				
	Viswanathan S				
	Deepak Narayanan R				
	Aswin S				
	Nikhil Joseph Charles				
	Guruprasath T				
	Shiyam Sundar A				
	Badrinath B V				
	Balamurugan K				
	Hariprasaath R				
	Saravanan G E				
	Arun Karthik V M				
Dinesh Kumar R V					
Dharaneedharan A K					
Ganesh Prabhu B					
Mohankumar G					
3.	Sathish Kumar S		One Day Workshop on Research Colloquium on Processing and Characterization of Engineering Materials	Department of Mechanical Engineering and Department of Automobile Engineering In association with Society for Failure Analysis (SFA) at CS Hall,MCET	27.02.16
	Vijay R				
	Vigneshwaran N				
	Marimuthu S				
	Gowthaman S				
	Mithun Kumar S L				
	Deenadayalan V				
	Sakthivel M				
	Praveen S				
Vignesh Karthik R					
4	M.Vijayakumar		National level workshop on Electrical vehicle design and fabrication techniques (EVDFT2016)	Karpagam college of Engineering	24.02.16
	P.Aswin				
5	K.Kaviyarasu	II B.E Mechanical	KCT Yugam	Kumaraguru college of technology	11.02.16 to 13.02.16
	K.S.Harish babu				
	P.Vishnu priyan				
	P.kaviyarasu				
	A.Balakrihnan				
	S.Sivanandam				
	D.Kirubhanandhan				
	T.S.Srinivasan				
M.Mohamed Yasik					

	M.Vivek				
	C.Harikarthick				
	V.Manikandan				
6	S.Sivanandam		NCC day celebration	SNS College of technology, RNG seminar hall	23.02.16
7	R.Gokul		Mini Project	CIT – Coimbatore	08.02.16 & 10.02.16
	K.Sivanesh				
	K.R.Vijayraj				
	A.Suriyadharsun				
8	M.Manoj kumar	III B.E Mechanical	Lada Fest	IRTT-ERODE	19.02.16 & 20.02.16

Industrial Visits / Tour

S. No	Dept.	Class	Place of Industrial Visit	Total No. of Students Visited	Date
1.	Mechanical	II B.E A section	Sakthi Sugars, Appakoodal	72	27.02.16

In-Plant Training by the Students

Dept.	Student Name / Total No. of Students & Branch	Place of In-plant Training	Period of Training (Date(s))
II B.E Mechanical	Srinivasan T S	SACL – Vijayamangalam	22.02.16 To 26.02.16
	Gowtham Prasad S		
	Ranjith R		
	Sugumar V		
	Ajithkumar N		
	Siva Kumar D		
	Praveen SP		
	Logesh M		
	Prasanna V		
	Sudharshan C		
	Kaviyarasu R		
	Vivek M		
	Meiyarasan S		
	Kaviyaran K		
Mohammad Yasik M			

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.	Dineshkumar N	III B.E Mechanical	Park tournaments, Park College of Engineering and Technology		06.02.16 To 08.02.16	
	Arunkumar R					
2.	Haribhaskar P		SIIA Tournaments			09.02.16 To 10.02.16
	Suriya Kirubaagaran A KR					
	Nagaraj R					
	Gobal Krishnan A					
	Manoj Kumar M					
	Arun M					
	Sudhakar R					
Karuppasamy C						

NCC Activities

Name of the Students	Degree Studying	Branch	Programmes Organized / Conducted / Participated	Venue	Date (s)
Arun Karthik V M	III B.E	Mechanical	Weapon Training (Stripping and assembling)		05.02.16
Kaushik M					
Gopal M					
Madheswaran M					
Muthukumaran D					
Saravanan P					

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	Sutherland Global	1
2		CADD Centre	8
3		Precicast industries	1

4		Bright AutoPlast	6
5		Force Motors – Coimbatore	5
6		Southern Agro Engines pvt ltd	13
7		Care soft global	2

Industry-Institute Interaction Activities

C. Selva Senthil Prabhu - One Day Visit to Butterfly India Chennai on 04.02.16. for MOU Review Activities.

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.G.Karthick 3.Mr.K.Thangaraj	1.Associate Prof 2.Technical Assistant 3.Lab Assistant	1.GAMMA Knuckle Durability Test	SACL	-	28.01.16	02.02.16
			2.Honda-2SJ Knuckle-Static Test			20.02.16	20.02.16
			3.GAMMA Knuckle Impact Test			24.02.16	24.02.16

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
1.Steam boiler with kettle	Rs.1,02,592/-	03.02.16	Mechanical Engg.	Rural Women's Technology Park in Pollachi	Dr. V. V. Sreenarayanan Dr. S. Ayyappan	SEED Division, Department of Science and Technology (DST), Govt. of India.
2.Virgin Coconut Oil (VCO) Pilot plant	Rs,9,25,000/-	16.02.16				

Name and Address of Distinguished Visitors

S. No	Name of the Visitors	Purpose	Date of Visit
1.	Mr.N.T.Karthik Kumar, Cater Pillar Pvt.Ltd	Validating CDAT Facilities	18.02.16
2.	Mr.Tarun Mahna,Honda Cars Pvt Ltd.	For Validation of HONDA Components	23.02.16
3.	Mr.S.V.S.Narayana Moorthy, VSSC Trivandrum.	To Appraiser the Centre	27.02.16

Guest Lecture on Further and Higher Studies

by

Mr. Dinesh Nallathambi

Mechanical Engineer,
Foody Jungle Pty Ltd., Perth, Australia.

On

03/02/2016



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		Technical Talk on Material Processing by Dr.Govindaraju, Scientific Officer, DRDO - NFTDC (Non-Ferrous Materials Technology Development Centre), Hyderabad	CS Hall MCET	Department of Mechanical and Automobile Engineering	II year Automobile and Mechanical Engineering students	10.03.16
		Signing of MoU between NIA Educational Institutions and The Coimbatore Productivity Council	New Seminar Hall, MCET		150 students from II and III year Automobile and Mechanical Engineering students	14.03.16
	C.Selva Senthil Prabhu Assistant Professor	Hands on training on SCADA	MBRAIN Centre	Bosch Rexroth India & MCET	21	22.03.16 To 23.03.16

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	Mrs.P.Shivaranjani Assistant Professor	Syllabus and DD preparation for industrial safety management subject	Sakthi Auto Components	07.03.16
	Mr.C.Selva Senthil Prabhu Assistant Professor			
	Mr.K.Sivakumar Assistant Professor	Hands on training on SCADA	Bosch Rexroth India & MCET	22.03.16 To 23.03.16
	Mr.Sreejith.S.Nair Assistant Professor			

College Events held

S.No	Details of the Event	Date held
1.	Uddeshah'16 - National level Technical Symposium - Celebrations	11.03.16 to 12.03.16
2.	Signing of MoU between NIA Educational Institutions and The Coimbatore Productivity Council	14.03.16
3.	Annual day	15.03.16
4.	Sports day	19.03.16
5.	Arutchelvar Vidya Sakthi Scholarship Award Function 2016	28.03.16

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
Hariharashayee D	II CAD/ CAM	M.E	Rank holder award	Dr.MCET	18 TH ANNUAL DAY	15.03.16
Karthieeban K						
Mathan raj M						

Sunil K S	IV	B.E MECH B section	Best outgoing student (Mech)		
Ramani Shankar R Praveen Krishna Kumar B	III	B.E MECH A section	Rank holder award		
Santhosh Kumar		B.E MECH B section			

“Guest Lecture on Material Processing” by Dr. Govindaraju,

Scientific Officer, DRDO-NFTDC, Hyderabad.
On 10/03/2016



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.C.Selva Senthil Prabhu Assistant Professor	Hands on training in "industrial automation technologies" "IAT-2K16" Association with Automobile Dept	MBRAIN Centre		15	31.03.16 & 01.04.16
	Mr.N.Santhosh Assistant Professor	Two days hands on workshop on CATIA	CAD CAM lab	Mechanical Dept	24	05.04.16 & 07.04.16
	Mr.Sreejith SNair Assistant Professor					13.04.16 & 15.04.16
	Mr.R.Bupathi Assistant Professor(SS)	STEP UP program for the Third Year students	Electrical seminar hall	MCET	More than 200 students	16.04.16
	T.Kasirajan, Assistant professor	Value Added Course on CREO	CAD CAM lab	NPT-TVS	23	21.04.16 to 30.04.16
	Mr.N.Santhosh Assistant Professor					
Mr.C.Selva Senthil Prabhu Assistant Professor	Industrial Hydraulics	MBRAIN Centre	Roots Industries Ltd	9	22.04.16 & 23.04.16 29.04.16 & 3 0.04.16	

Professional Society/Department Association/Guest Lectures organized

Dept.	Co-ordinator / Co-coordinator with Designation	Details of Program	Date
Mechanical	Dr.B.Viswanath Associate Professor	Mechanica Valediction function	18.04.16
	Mr.S.Gnanakumar Assistant Professor		
	Dr.B.Viswanath Associate Professor	4th National Conference On Materials, Mechanical and Automobile Engineering (NCMMAE 2016)	30.04.16
	Ms.P.Shivaranjani Assistant Professor		
	Mr.S.Muthu Baskaran Assistant Professor		

College Events held

S.No	Details of the Event	Date held
1.	Student Talent Enhancement Programme - UP (STEP UP 2016)	16.04.16

Students Activities

Paper Presentation by the Students

S.No	Roll no	Student's Name	Branch and Department	Title of Paper Presented	Organizer and Place of program	Date
1.	13BME307	Sasikumar.S	IV Mech	Design and fabrication of solar desalination unit	4th National Conference On Materials, Mechanical and Automobile Engineering (NCMMAE 2016)	30.04.16
	13BME311	Arunkumar.A				
	13BME317	Mohammedirfan.M				
2.	13BME301	Bala Murali N		Improve the welding quality on aluminum plate through automatic TIG welding setup		
	13BME305	Siva Subramaniam S				
	13BME315	Rukmanandhan K				
3.	13BME302	Dhilip G	Machining study			

	13BME304	Gowri Sankar V		on Austempered Ductile Iron		
4.	12BME045	Kavin A C		Erosive wear behaviour of high chrome cast iron and aluminium bronze in slurry pump application		
	12BME040	Jithendra Prashanth S				
	12BME056	Mohankumar P				
5.	12BME066	Pradeep Kumar C		Design and fabrication of air jet erosion test rig to test the erosive wear behavior of boiler tube material		
	12BME070	Rahul Gandhi S				
	12BME085	Saravana Sundaram S				
6.	12BME099	Sunil K S		Topology Optimization of Steering Knuckle		
	12BME112	Vishnu Priyan A				
	13BME314	Madhan Kumar C				
7.	13BME303	Goutham R		Characterisation of aluminium metal matrix composite using nano indentation		
	12BME057	Mukesh Raja R				
	12BME014	Chipichakkaravarthy				
8.	13BME303	Goutham R		Effect of cryogenic treatment of the mechanical and microstructural properties of aluminium metal matrix		
	12BME057	Mukesh Raja R				
	12BME014	Chipichakkaravarthy				
9.	12BME082	Santhosh kumar S		Design and fabrication of oxygen separation system for performance and emission analysis in VCR engine		
10.	12BME067	Prakash A		Optimization of process parameter of TIG welding of stainless steel 304		
	12BME071	Raja Kaleeswaran R				
	12BME107	Vignesh N				

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.	Manivannan R	B.E III Mechanical	CATIA Two days Workshop	CAD Lab, MCET	05.04.16 & 07.04.16
	Ashwin P				
	Madheswaran M				
	Baranitharan K				
	Karuppasamy C				
	Shakil Easwar E				
	Dinesh Kumar R V				
	Vigneshwaran N				
	Gowthaman S				
	SanthaKumar.M				
	Sakthivel.M				
Vijayakumar.M					

Industrial Visits/Tour

S. No	Dept.	Class	Place of Industrial Visit	Total No. of Students Visited	Date
1.	Mechanical	B.E III A Section	Lakshmi Machine Works-Machine Tool division-Arasur,Coimbatore	71	06.04.16
		B.E III B Section	Roots Multiclean-Kovilpalayam Roots Horn division-Coimbatore	66	
		B.E III (A & B) Section	PSG ,Coimbatore	56	
2.					18.06.16

NCC Activities

Name of the Students	Degree Studying	Branch	Programmes Organized / Conducted / Participated	Venue	Date (s)
Kaushik M	III	B.E Mechanical	Participated in special national integration camp	Lakshadweep	15.04.16
Saravanan P					To 26.04.16

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.	72	New Dolphin Machines	5
2.		TVS logistics	8

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 Prof	1	ADI Steering Knuckle Impact Test	SACL	-	01.04.16	01.04.16
	Mr.G.Karthick Technical Assistant Mr.K.Thangaraj Lab Assistant	2	GM-M300 Steering Knuckle Impact Test	SACL	-	08.04.16	08.04.16

Notable Achievements (if any)

Santhosh M R of B.E IV year Mechanical has got cleared in GATE Exam with 29.4 marks out of 100

Name and Address of Important Visitors

S. No	Name of the Visitors	Purpose	Date of Visit
1.	Mr.V.P.Thangavel Safety Manager Sakthi Auto Component Limited Pallagoundenpalayam , Uthukkuli Taluk Tirupur Dist..	Guest lecture on the topic " Industrial Safety" .	18.04.16
2.	Mr. V. Kovaichelvan Senior. Vice President TVS	Student Talent Enhancement Programme -UP (STEP UP 2016)	16.04.16
3.	Dr.P.Malliga (Director, Entrance Examinations)	Board of Studies (BoS) Meeting	30.04.16

	<p>Professor of Industrial Engineering, College of Engineering, Guindy Anna University, Chennai – 600 025.</p> <p>Dr.P.R.Thyla Professor of Mechanical Engineering PSG College of Technology Coimbatore- 641 004</p> <p>Mr.R. Ravi Kumar General Manager - Operations Roots Multiclean Ltd. Kovil Palayam (PO), Pollachi (TK) Coimbatore – 642 110.</p> <p>Mr.V.Kannan Senior Manager – R&D Gilbarco Veeder Root India Pvt. Ltd Coimbatore – 641 024.</p>		
4.	N.Lakshmanan Manager, Technical, ELGI Equipments, Coimbatore	4th National Conference On Materials, Mechanical and Automobile Engineering (NCMMAE 2016)	
5.	MR.C.V.Raman, Maruthi Suzuki.	Validating CDAT Facilities	02.04.16
6.	MR.G.R.Janarthanan, India Pistion Ltd.	Validating the Testing Facilities available	16.04.16
7.	MR.V.J.Jhonson, Tvsm, Harita, Hosur.	To Appraiser the Centre	20.04.16
8.	MR.S.Saravana Kumar, Assistant General Manager, Sundaram Clayton Ltd, Chennai	Validating CDAT Facilities	20.04.16



**Valediction of
Mechanica
2015-2016
and Guest Lecture
on
Industrial Safety By
Mr.V.P.Thangavel,
Manager
Safety, SACL
18/04/2016**

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. R.Bupathi Assistant Professor (SG)	PS3 pilot workshop	CS Hall	MCET	59	02.05.16 To 05.05.16
	Mr. A.Srinivasan Assistant Professor (SG)					
	Mr. E.Baskar Assistant Professor					
	Mr.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	Dr Rama Thirumurugan Associate Professor	Industrial visit	Butterfly India	17.05.16
			Faurecia	
			SEZ Developers	18.05.16
			Ashley Alteams	
			TAFE	19.05.16
	India Pistons			
	Mr. R.Bupathi Assistant Professor (SG)	Discussed about industry attachment training for students	Roots Industries Ltd, Coimbatore	20.05.16
	Mr.N.Shanmuga Sundaram Assistant Professor			
Dr. S.Ayyappan Assistant Professor (SG)	Three days training program on packaging technologies and innovations	Indian Institute of Packaging (IIP), Bangalore	26.05.16 To 28.05.16	
Mr.N.Santhosh Assistant Professor	Two weeks internship training for II year mechanical students	Sakthi Auto components- Erode.	23.05.16 To 04.06.16	

Mr.N.Shanmuga Sundaram Assistant Professor	Roots Industries Ltd,Coimbatore
---	------------------------------------

Participation of MCET Faculty as Resource Person

Dept.	Name of the Faculty with Designation	Title of the Programme	Details & Venue	Date
Mechanical	Mr. R.Bupathi Assistant Professor (SG)	PS3 pilot workshop	The PS-III (Personal Effectiveness) course is going to be offered to all branches from the coming academic year 2016-17. In this regard an Orientation Pilot workshop had been conducted to selected faculty and student of all branches at CS Hall,MCET	02.05.16 To 05.05.16
	Mr. A.Srinivasan Assistant Professor (SG)			
	Mr. E.Baskar Assistant Professor			
	Mr.N.Santhosh 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.	Gowtham Prasad Ranjith R Sugumar V Ajithkumar N Logesh M Prasanna V Srinivasan T S Siva Kumar D Praveen SP	II year mechanical	Two weeks internship training	Sakthi Auto Components- Erode.	23.05.16 To 04.06.16

	Sudharshan C Kaviyarasu R Vivek M Meiyarasan S Kaviyarasu K Mohammad Yasik				
2.	Jaganathan R Manikandan V Sivanandam S Mathan Kumar A Ravindhar V Gokul S Sivakumar A Seetharaman M Jeevanantham M Mohan babu S Kumar S Hari karthi C Ajay N Sathees kumar S Logesh R			Roots Industries Ltd,Coimbatore	

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.	72	Caresoft global, pollachi	2

Research and Development

Consultancy

Dept.	Name of the Faculty (s) with Designation	S. No	Title of the Consultancy Work	Name of the organization / Firm/ Company	Amount	Period of Consultancy	
						From	To
CDAT	Dr.Rama Thirumurugan Associate Prof	1	XBB Steering Knuckle- Fatigue Test	SACL	-	01.05.16	04.05.16

Mr.G.Karthick Technical Assistant	2	XBB Steering Knuckle- Fatigue Test	SACL	-	04.05.16	06.05.16
	3	XBB Steering Knuckle- Fatigue Test	SACL	-	06.05.16	09.05.16
Mr.K.Thangaraj Lab Assistant	4	XBB Steering Knuckle- Fatigue Test	SACL	-	09.05.16	12.05.16
	5	XBB Steering Knuckle- Fatigue Test	SACL	-	12.05.16	14.05.16

Library

i) New Arrivals

S.No.	Details of Collection	Nos.
1	Finite Element Analysis-HV Lakshmi narayana	1
2	U Win Guide-Anna Univ Question Papers-IV SEM Mech	1
3	Machine Design-S.J Kulkarani	1
4	Manufacturing Technology-Anup Goel	1

ii) Library User Statistics and Circulation for the current month

User Category	Library Circulation	
	Issues	Returns
Staff : 30	Staff : 5	Staff : 4
Students : Nil	Students : 0	Students : 0
	Overnight Issues :	
Total : 30	Total Transactions 9	

Name and Address of Distinguished Visitors

S. No	Name of the Visitors	Purpose	Date of Visit
1	Mr.Ramesh Chandra,Sr.Manager, MITSUBISHI Electric India Private Limited,Pune.	Apprising the C-DAT Testing Facilities	04.05.16
2	Hiroshi Kitambra ,General Manager MITSUBISHI Electric India Private Limited,Pune.	Apprising the C-DAT Testing Facilities	04.05.16
3	Manoj Gupta ,Sr.Manager MITSUBISHI Electric India Private Limited,Pune.	Apprising the C-DAT Testing Facilities	04.05.16