



MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

Kalitheerthalkuppan, Madagadipet, Puducherry - 605 107

Department of Mechanical Engineering

Academic Year: 2015-2016

11. CONFERENCES / SEMINARS / WORKSHOPS /SHORT TREM COURSES ORGANIZED

Sl. No	Title of the programme	Name of the Coordinator	Details of funding agency	Resource Persons	Fund Sanctioned	Duration		Total no. of participants
						From	To	
1	Workshop on "5-S & Kaizen Practices"	Ms S.Sheena	Through ISTE Sponsered	Mr. A.Natarajan, Production Head, Ucal fuel systems ltd, Puducherry Mr.Praful Mehta Head Production, Lenovo, Puducherry Mr. SR.Kaviraj Asst.Manager (Plant Maintenance & IE), Lenovo, Puducherry	Rs 15000	09/09/15	09/09/15	Students: 106 Staffs: 12
2	Workshop on "Lean Manufacturing"	Dr.P.Sivasankaran	Through IEI Sponsered	Mr. V.Natarajan, Executive Director, Bimethial Bearings Limited, Chennai. Dr.A.Ganaven Babu, Associate Professor, Dept. of Industrial Engg., Anna university, Chennai. Mr. Padamanaban panchu, Assistant Professor, Dept. of Industrial Engg., Anna university, Chennai.	Rs 15000	05/03/16	05/03/16	Students: 75 Staffs: 13



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STUDENTS CO-CURRICULAR - PAPER PRESENTATION

Sl. No	Name of the Student	Year/ Sem	Name of the Conference / Symposium	Title of the Paper	Organizing Institution	Date	Awards /Prize
1	J.Prem kumar	III/V	Mechzride-15	----	V.R.S College of Engineering & Technology	10/08/2015	
2	R.Ananth	IV/VIII	AIMS 2016	Improving the solar panel efficiency by water cooling	Kumaraguru college of Technology	18/03/16	
3	J.Dhamodaran	IV/VIII	AIMS 2016	Improving the solar panel efficiency by water cooling	Kumaraguru college of Technology	18/03/16	
4	Ragavan Arumugam	IV/VIII	ICHESS 2016	Solar cooking system using parabolic trough collector	Saveetha Engineering College	6-8/04/16	
5	Kumaran	IV/VIII	ICHESS 2016		Saveetha Engineering College	6-8/04/16	
6	P.Pragathi	IV/VIII	PERISE'16	Optimizing the process parameter of CNC lathe for better surface finish and to reduce the machinability time for aluminium 6061 by using taguchi method	PERI Institute of Technology	07/04/16	
7	S.Nirmal	IV/VIII	PERISE'16	Optimizing the process parameter of CNC lathe for better surface	PERI Institute of Technology	07/04/16	

				finish and to reduce the machinability time for aluminium 6061 by using taguchi method			
8	P.Sharan	IV/VIII	PERISE'16	Design and fabrication of pneumatic jack for automobiles	PERI Institute of Technology	07/04/16	
9	M.Jayabalaji	IV/VIII	PERISE'16	Design and fabrication of pneumatic jack for automobiles	PERI Institute of Technology	07/04/16	
10	J.Sudharsan	IV/VIII	PERISE'16	Design and fabrication of pneumatic jack for automobiles	PERI Institute of Technology	07/04/16	
11	B.Gogulnath	IV/VIII	PERISE'16	Bio hydrogen production from vegetable waste	PERI Institute of Technology	07/04/16	
12	M.Ezhilan	IV/VIII	PERISE'16	Bio hydrogen production from vegetable waste	PERI Institute of Technology	07/04/16	
13	R.Manikandan	IV/VIII	PERISE'16	Bio hydrogen production from vegetable waste	PERI Institute of Technology	07/04/16	



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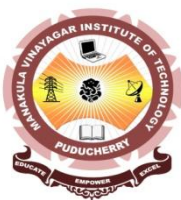
Department of Mechanical Engineering

Academic Year: 2015-2016

STUDENTS CO-CURRICULAR – TECHNICAL EVENTS

Sl. No	Name of the Student	Branch/Class	Name of the event	organizing Institution	Date	Participation /Prize
1	J.Prem kumar	Mech/III year	Paper Presentation	V.R.S College of Engineering & Technology	10/8/2015	Participation
2	J.Prem kumar	Mech/III year	Technical Quiz	V.R.S College of Engineering & Technology	10/8/2015	Participation
3	C.Allen breuno	Mech/III year	Online extempore/ just a minute/ code surf	Manakula vinayagar institute of technology	12/8/2015	Participation
4	Karna jothi	Mech/II year	just a minute/ tech connection/gamming	Manakula vinayagar institute of technology	12/8/2015	Participation
5	C. Allen Breno	Mech/III year	YouthTalk	ICTACT	Sep 2015	Participation
6	Samuel vijayakumar	Mech/II year	YouthTalk	ICTACT	Sep 2015	Participation
7	Nazil Munam	Mech/II year	YouthTalk	ICTACT	15 th Sep 2015	Participation
8	Aravind	Mech/II year	Robosoccer	Madras Institute of Technology, chennai	12 th & 13 th Fed 2016	participated
9	V.V.Rajan	Mech/II year	Robosoccer	Madras Institute of Technology, chennai	12 th & 13 th Fed 2016	participated
10	Aravind	Mech/II year	Robowar	Madras Institute of Technology, chennai	12 th & 13 th Fed 2016	participated
11	Aravindan.P	Mech/II year	Robo Soccer	PSG college of Technology, coimbatore	12 th , 13 th & 14 th Fed 2016	Second prize
12	V.V.Rajan	Mech/II year	Robo Soccer	PSG college of Technology, coimbatore	12 th , 13 th & 14 th Fed 2016	Second prize
13	Aravindan.P	Mech/II year	Robo sumo	PSG college of Technology, coimbatore	12 th , 13 th & 14 th Fed 2016	First prize

14	V.V.Rajan	Mech/II year	Robosumo	PSG college of Technology, coimbatore	12 th , 13 th & 14 th Feb 2016	Third prize
15	S.Santhosh	Mech/II year	Royal rembrandt	Madras Institute of Technology, chennai	26 th & 27 th Feb 2016	Participated
16	S.Santhosh	Mech/II year	Sedan Sherlock	Madras Institute of Technology, chennai	26 th & 27 th Feb 2016	Participated
17	S.Santhosh	Mech/II year	Pit stop	Madras Institute of Technology, chennai	26 th & 27 th Feb 2016	Participated
18	B.Gokulnath	Mech/II year	Royal rembrandt	Madras Institute of Technology, chennai	26 th & 27 th Feb 2016	Participated
19	B.Gokulnath	Mech/II year	Pit stop	Madras Institute of Technology, chennai	26 th & 27 th Feb 2016	Participated
20	B.Gokulnath	Mech/II year	Sedan Sherlock	Madras Institute of Technology, chennai	26 th & 27 th Feb 2016	Participated
21	Samuel vijayakumar	Mech/II year	Sedan Sherlock	Madras Institute of Technology, chennai	26 th & 27 th Feb 2016	Participated
22	Samuel vijayakumar	Mech/II year	Pit stop	Madras Institute of Technology, chennai	26 th & 27 th Feb 2016	Participated
23	Samuel vijayakumar	Mech/II year	Royal rembrandt	Madras Institute of Technology, chennai	26 th & 27 th Feb 2016	Participated
24	V.V.Rajan	Mech/II year	Acceleration	Siddaganga Institute of Technology, Tumkur	27 th Feb 2016	First prize
25	V.V.Rajan	Mech/II year	Mahayudm	Siddaganga Institute of Technology, Tumkur	27 th Feb 2016	First prize
26	V.V.Rajan	Mech/II year	Goal	Siddaganga Institute of Technology, Tumkur	27 th Feb 2016	First prize
27	P.Aravindan	Mech/II year	Acceleration	Siddaganga Institute of Technology, Tumkur	27 th Feb 2016	First prize
28	P.Aravindan	Mech/II year	Goal	Siddaganga Institute of Technology, Tumkur	27 th Feb 2016	First prize
29	P.Aravindan	Mech/II year	Mahayudm	Siddaganga Institute of Technology, Tumkur	27 th Feb 2016	First prize
30	V.V.Rajan	Mech/II year	Robowars	NITTE Meenakshi Institute of Technology	3 rd , 4 th & 5 th March 2016	Second prize
31	P.Aravindan	Mech/II year	Robowars	NITTE Meenakshi Institute of Technology	3 rd , 4 th & 5 th March 2016	Second prize



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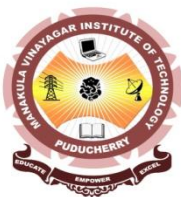
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Department of Mechanical Engineering

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STUDENTS CO-CURRICULAR- ATTENDED WORKSHOPS AND SEMINARS

Sl. No	Name of the Student	Branch /Class	Name of the Workshop /Training Program	Organizing Institution	Date	Remarks
1	M.Krishna Kumar	Mech/IV year	Entrepreneurship Development Programme	MSME Development Institute, Chennai at Puducherry	25 th to 8 th March 2015	
2	R.Surendhar	Mech/IV year	Entrepreneurship Development Programme	MSME Development Institute, Chennai at Puducherry	25 th to 8 th March 2015	



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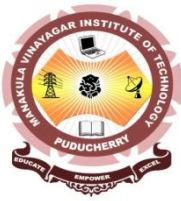
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STUDENTS CO-CURRICULAR – PROJECT COMPETITIONS

Sl. No	Name of the Student	Branch /Class	Name of the Project event	organizing Institution	Date	Participation /Prize
1	Samuel vijayakumar	Mech/II year	Innovator's day	Sri Manakula Vinayagar Engineering College	15/9/2015	Participation
2	S. Santhosh	Mech/II year	Innovator's day	Sri Manakula Vinayagar Engineering College	15/9/2015	Participation
3	P.aravindan	Mech/II year	Innovator's day	Sri Manakula Vinayagar Engineering College	15/9/2015	Participation
4	S.Santhosh	Mech/II year	Mega Project Expo	SVCET	21/1/16 – 23/1/16	3 rd prize
5	Samuel vijayakumar	Mech/II year	Mega Project Expo	SVCET	21/1/16 – 23/1/16	3 rd prize
6	Gokulnath.B	Mech/II year	Mega Project Expo	SVCET	21/1/16 – 23/1/16	3 rd prize
7	V.V.Rajan	Mech/II year	INTECH16	Madras Institute of Technology	12 th & 13 th Feb 2016	participated
8	S.Santhosh	Mech/II year	AUTIMEET 16	Madras Institute of Technology, chennai	26 th & 27 th Feb 2016	Winner
9	B.Gokulnath	Mech/II year	AUTIMEET 16	Madras Institute of Technology, chennai	26 th & 27 th Feb 2016	Winner
10	Samuel vijayakumar	Mech/II year	AUTIMEET 16	Madras Institute of Technology, chennai	26 th & 27 th Feb 2016	Winner



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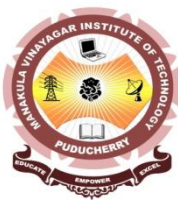
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Guest Lecture Conducted

Sl. No	Date	Year/ sem	Title of the subject	Topics discussed	Name and address of the resource person	No. of students attended	Staff Incharge
1.	14/7/2015	II, III & IV/III, V & VII	Final Year Project and its Relevance to Future Career for Engineers”	Assigning project for final years and various opportunities for mechanical engineers.	Dr.K.Raghukandan, Professor in Dept. of Manufacturing Engg., Annamalai University, Chidambaram	174	Mr B.vasanth
2	11/9/2014	II, III & IV/III, V & VII	Importance of Mechanical, Electrical & Plumbing Co-ordination in Construction Industry	Importance of MEP department involve in the construction Projects, and career opportunities	Mr S.Virapan, Cluster Project Manager, Commercial Project, Larsen & Toubro construction, Kolkotta	156	Mr.B.vasanth
3	23/2/2016	II, III & IV/IV, VI & VIII	CAD & CAE Techniques in Product Development	Importance of Mechanical software for various career opportunities for mechanical engineer in the design field	Mr. Nagendra Chandrashekar, Managing Director, Winyasa Technologies,Bangalore. Mr.S.Chandrashekar, Business Development, Detroit Engineered Products, Chennai	164	Mr B.vasanth
4	08/3/2016	II, III & IV & VI, & other Departments	One day symposium on “Application of statistics in industry”	To usage of statistics data in the industry for improving the quality of the product with the help of optimization tool	Mr Bimal kumar kesh, Senior statistician, Minitab, Bangalore.	86	Mr.B.vasanth
5	10/3/2016	II, III & IV/IV, VI & VIII	Application on 3D Printing	Importance of new additive layer processes in manufacturing field.	Mr. Justin Babu, Senior Technical support, Design Tech, chennai	152	Mr.B.vasanth



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Special Lecture Conducted

Sl. No	Date	Year/ sem	Title	Topics discussed	Name of the Staff	No. of students attended
1.	26/06/2015	II/III	Advance in composite Materials	Composite Materials	Mr K.Barathiraj	57
2	03/07/2015	II/III	Pyrolysis of Biomass	Renewable energy	Mrs. G.Radhaboy	63
3	25/7/2015	II/III	Experimental stress Analysis using Photo electricity techniques	Stress analysis	Mr R.Karthikeyan	56
4	01/08/2015	II/III	Nanotechnology	Nanotechnology	Mr K.Manikandan	57
5	08/08/2015	II/III	Importance of Surface Coating in Industrial Application	Coating technology and application	Mr R.Muraliraja	57



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INDUSTRY NEEDED VALUE ADDED COURSE

Name of the course	CREO				
	Year	III	Sem	V	Section
Offered to					
Need for the course	To develop students Drawing & Designing skill.				
Details of conducting agency	Name of contact person: Uma Communication address: CADD CENTRE 132, 1 st Floor, Maraimalai Adigal Street, new bus stand, Puducherry. Phone/ mobile no.: 996251044 Email id: uma@caddwareindia.com Web site:				
Duration of course	10			Course fee	Rs 6250/-
No. of students participated	35				
Expected outcome					

Note:

- Course plan with materials has to be maintained
- Attendance details along with the students name
- Feedback from the student
- Expenditure statements



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INDUSTRY NEEDED VALUE ADDED COURSE

Name of the course	AutoCADD					
	Year	II	Sem	III	Section	A
Offered to						
Need for the course	To develop students Drawing & Designing skill.					
Details of conducting agency	Name of contact person: ICTACT Communication address: ICTACT TamilNadu, chennai Email id: Web site:					
Duration of course	10		Course fee		Rs 2000/-	
No. of students participated	61					
Expected outcome						

Note:

- Course plan with materials has to be maintained
- Attendance details along with the students name
- Feedback from the student
- Expenditure statements



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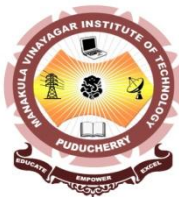
Academic Year: 2015-2016

INDUSTRY NEEDED VALUE ADDED COURSE

Name of the course	AutoCADD					
Offered to	Year	IV	Sem	VII	Section	A
Need for the course	To develop students Drawing & Designing skill.					
Details of conducting agency	Name of contact person: ICTACT Communication address: ICTACT TamilNadu, chennai Email id: Web site:					
Duration of course	10		Course fee		Rs 2000/-	
No. of students participated	39					
Expected outcome						

Note:

- Course plan with materials has to be maintained
- Attendance details along with the students name
- Feedback from the student
- Expenditure statements



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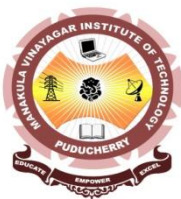
Academic Year: 2015-2016

35. FACULTY PARTICIPATION IN SEMINAR/WORKSHOP/FDP/TRAINING PROGRAMME/SUMMER/WINTER SCHOOL

Sl. No.	Name of the Staff & Dept.	Event Name	Hosting College	DATE
1	G.Radhaboy	Advanced Teaching Techniques	ICT Training Academy	25 th -27 th May 2015
2	K.Barathiraja	Advanced Teaching Techniques	ICT Training Academy	25 th -27 th May 2015
3	R.Muraliraja	Advanced Teaching Techniques	ICT Training Academy	25 th -27 th May 2015
4	K.Manikandan	Advanced Teaching Techniques	ICT Training Academy	25 th -27 th May 2015
5	S.Ganesh Kumar	Advanced Teaching Techniques	ICT Training Academy	10 th -12 th June, 2015
6	R.Karthikeyan	Advanced Teaching Techniques	ICT Training Academy	10 th -12 th June, 2015
7	K.Selvam	Advanced Teaching Techniques	ICT Training Academy	10 th -12 th June, 2015
8	B.Vasanth	Advance Manufacturing Technologies for Engineering Sector	Confederation of Indian Industry (CII)	26 th June, 2015
9	K.Selvam	Material for Automotive Industries	Sri Manakula vinayagar Engineering College	12 th September, 2015
10	S.Ganesh Kumar	Material for Automotive Industries	Sri Manakula vinayagar Engineering College	12 th September, 2015
11	K.Barathiraja	Towards Sustainable Municipal Solid Waste Management in Puducherry Region.	Confederation of Indian Industry (CII)	12 th Oct, 2015
12	K.Manikandan	Towards Sustainable Municipal Solid Waste Management in Puducherry Region.	Confederation of Indian Industry (CII)	12 th Oct, 2015

13	K.Selvam	Brake Friction Material: Past, Present and Future	NIT-Trichy	5 th & 6 th Nov, 2015
14	S.Ganesh Kumar	Digital Prototyping using AutoDesk Inventor	St Xavier Catholic College of Engineering - Nagercoil	23 rd – 27 th Nov 2015
15	R.Karthikeyan	Digital Prototyping using AutoDesk Inventor	St Xavier Catholic College of Engineering - Nagercoil	23 rd – 27 th Nov 2015
16	R.Muraliraja	AutoDesk AutoCADD 2015	Manakula Vinayagar Institute of Technology	8 th -12 th Dec 2015
17	K.Selvam	AutoDesk AutoCADD 2015	Manakula Vinayagar Institute of Technology	8 th -12 th Dec 2015
18	R.Karthikeyan	AutoDesk AutoCADD 2015	Manakula Vinayagar Institute of Technology	8 th -12 th Dec 2015
19	B.Vasanth	AutoDesk AutoCADD 2015	Manakula Vinayagar Institute of Technology	8 th -12 th Dec 2015
20	K.Manikandan	AutoDesk AutoCADD 2015	Manakula Vinayagar Institute of Technology	8 th -12 th Dec 2015
21	K.Barathiraja	AutoDesk AutoCADD 2015	Manakula Vinayagar Institute of Technology	8 th -12 th Dec 2015
22	S.Ganesh Kumar	AutoDesk AutoCADD 2015	Manakula Vinayagar Institute of Technology	8 th -12 th Dec 2015
23	A.Thiagarajan	Bioenergy Conversion Systems-Modelling and Simulation	Pondicherry Engineering College	14 th -18 th Dec 2015
24	S.Sheena	Bioenergy Conversion Systems-Modelling and Simulation	Pondicherry Engineering College	14 th -18 th Dec 2015
25	G.Radhaboy	Bioenergy Conversion Systems-Modelling and Simulation	Pondicherry Engineering College	14 th -18 th Dec 2015
26	K.Karthigayan	Workshop on DFMA software	Anna University-Chennai	1 st -2 nd April 2016
27	S.Ganesh Kumar	“Applications of Modeling and Simulation Techniques in Mechanical Engineering”	Pondicherry Engineering College	25 th – 29 th April 2016
28	A.Thiagarajan	“Applications of Modeling and Simulation Techniques in Mechanical Engineering”	Pondicherry Engineering College	25 th – 29 th April 2016
29	S.Sheena	“Applications of Modeling and Simulation Techniques in Mechanical Engineering”	Pondicherry Engineering College	25 th – 29 th April 2016

30	R.Karthikeyan	“Applications of Modeling and Simulation Techniques in Mechanical Engineering”	Pondicherry Engineering College	25 th – 29 th April 2016
31	Dr.P.Shivashankaran	“World IP Awareness day on patents”	Confederation of Indian Industry (CII)	26 th April 2016
32	K.Manikandan	Recent Trends in Power Generation	Pondicherry Engineering College	2 nd -6 th May 2016
33	K.Karthigayan	Recent Trends in Power Generation	Pondicherry Engineering College	2 nd -6 th May 2016
34	B.vasanth	Recent Trends in Power Generation	Pondicherry Engineering College	2 nd -6 th May 2016
35	B.vasanth	“Future of making things and Autodesk Fusion 360”	Autodesk & ICTACT, chennai	3 rd May 2016
36	R.Karthikeyan	“Future of making things and Autodesk Fusion 360”	Autodesk & ICTACT, chennai	3 rd May 2016



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10. FACULTY DEVELOPMENT PROGRAMMES ORGANIZED

Sl. No	Title of the programme	Name of the Coordinator	Details of funding agency	Resource Persons	Fund Sanctioned	Duration		Total no. of participants
						From	To	
1	FDP on Autodesk AutoCAD 2015	R.Muraliraja	college	1. Mr. A.M. Mohamed shereef 2. Mr S.Vinoth Kumar (ICTATC)	Rs5700/- + other expensive by college	7/12/15	12/12/15	Internal:11 External:21