



St. JOSEPH'S COLLEGE OF ENGINEERING

OMR, CHENNAI - 119

Department of Mechanical Engineering

Details of Staff Workshop 2014-2015

S. No	Name of the Workshop	Objective of the Workshop	Resource Person Details	Date Conducted	Duration of the Workshop	No. of Participants	Name of the coordinator	Funded by	Amount Granted
1	Multi- Objective Optimization(MOO 2014)	Multi objective Optimization using mathematical and statistical techniques like Taguchi, Grey Relational Analysis (GRA) and Response Surface methodology (RSM) are commonly used in the industry.	1.Dr. R. Panneerselvam Professor, Pondicherry University, Puduchery 2.Dr. R.RajMohan, Associate Professor, Dept. of Industrial Engineering, CEG,Anna University, Chennai. 3.Dr.M.Kantha Babu Professor, Dept. of Manufacturing Engineering, CEG,Anna University, Chennai.	9/4/2014	1 day	25	1.Dr.N.Arunkumar 2.N.E.Arun Kumar	Our College	15000



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Details of Staff Workshop

2015-2016

S. No	Name of the Workshop	Objective of the Workshop	Resource Person Details	Date Conducted	Duration of the Workshop	No. of Participants	Name of the coordinator	Funded by	Amount Granted
1	Advanced Optimization Techniques for Engineering Research(AOT2015)	Workshop deals with Advanced Optimization Techniques such as <input type="checkbox"/> Genetic Algorithm <input type="checkbox"/> Artificial Neural Networks <input type="checkbox"/> Fuzzy Logic	1.Dr. M.RajMohan, AssociateProfessor, Dept. ofIndustrial Engineering, CEG,AnnaUniversity, Chennai 2.Mr. K.GokulnathM.E (Ph D) Research scholar, RamanujamComputing Centre, CEG,AnnaUniversity, Chennai.	31/08/2015	1	21	1.Dr.N.Arunkumar 2. N.E.Arun Kumar	AICTE, New Delhi	15000 -



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Details of Staff Workshop 2016-2017

S. No	Name of the Workshop	Objective of the Workshop	Resource Person Details	Date Conducted	Duration of the Workshop	No. of Participants	Name of the coordinator	Funded by	Amount Granted
1	Recent Trends & Developments in I.C engines	To know the advancements and techniques in the area of IC engines for the research scholars	1.Dr.G.Nagarajan Professor,I.C. engines CEG,Chennai 2.Dr.M.Venkatramanan, Asst Prof(Sr Grade) CEG,Chennai 3.Dr.M.Senthilkumar Asso Prof MIT,Chennai	23/09/2016	1	8	Dr.S.Arivazhagan Mr.T.Gavaskar	Our College	15000 -



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2017-2018

S. No	Name of the Workshop	Objective of the Workshop	Resource Person Details	Date Conducted	Duration of the Workshop	No. of Participants	Name of the coordinator	Funded by	Amount Granted
1	Manufacturing Analytics for Industrial Applications and Research(MAAR 2017)	The Manufacturing Analytics goes beyond philosophies and has a diagnostic approach in resolving complex real world situations through application of various available tools and techniques in an integrated manner so as to achieve the required evolution of knowledge & solution. application.	Dr.A.J.Jagadeesan Head-Methods Engineering Lucas TVS Chennai Tamil Nadu India.	29/08/2017	1	12	1.Dr.N.Arunkumar 2. N.E.Arun Kumar	Our College	15000



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S. No	Name of the Workshop	Objective of the Workshop	Resource Person Details	Date Conducted	Duration of the Workshop	No. of Participants	Name of the coordinator	Funded by	Amount Granted
1	Fundamentals Of Vibrations Measurement Analysis And Control	<p>To Generate conceptual models of various vibration phenomena by transforming physical situations into mathematical models</p> <ul style="list-style-type: none"> · To Solve the models using appropriate mathematical techniques to predict the system response · To Predict natural frequencies, modes of vibration, and system critical frequencies for design applications 	<p>Prof. J. S. RAO, President, The Vibration Institute of India and Chief Science Officer (consulting), Altair Engineering (India), Bangalore</p> <p>Dr. CHANDRAMOULI, P. Professor, Department of Mechanical Engg, IIT Madras.</p> <p>Dr. SUJATHA.C, Professor, Department of Mechanical Engineering, IIT Madras</p> <p>Dr. A. SESHADRI SEKHAR, Professor, Department of Mechanical Engineering, IIT Madras</p> <p>Dr. G. BALAKRISHNAN, Caterpillar India Private limited, Chennai</p> <p>Dr. B. SANTHOSH, Associate Professor, Amrita University, Coimbatore</p> <p>Prof.K.JAYARAMAN, Professor of Eminence, Aerospace Engineering</p>	<p>30.10.2017</p> <p>-</p> <p>10.11.2017</p>	2 weeks	26	Dr. SESHAGIRI RAO VADDI	AICTE GOVT. OF INDIA, NEW DELHI	7,00,000/



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Details of Staff Workshop

2019-20

S. No	Name of the Workshop/Seminar	Objective of the Workshop/Seminar	Resource Person Details	Date Conducted	Duration of the Workshop	No. of Participants	Name of the coordinator	Funded by	Amount Granted
1	Role Of Smart Materials In Aerospace and Engineering Applications	<p>To acquire the knowledge about smart materials</p> <p>To know the application of smart materials.</p> <p>To understand the use of Smart Material in aerospace.</p> <p>To be aware the use of smart materials in medical field.</p>	<p>Dr. K. Palanikumar Professor & Principal, Sairam Inst. Of Tech, Chennai</p> <p>Dr. Arockia Rajan A Professor, IITM, Chennai</p> <p>Dr. P. Hariharan Professor, Anna University, Chennai</p> <p>Dr. M.Senthilkumar Associate Professor, PSG Tech, Coimbatore</p> <p>Dr. M.Kamaraj Professor, IITM, Chennai</p> <p>Dr. K. Senthil Scientist, ISRO, Kerala</p> <p>Dr. K. S. Vijay sekar Associate Professor, SSN, Chennai</p> <p>Dr. K. R. Vijayakumar Professor, Dr. MGR University, Chennai</p>	16.12.2019 to 17.12.2019	2 Days	20	Dr. K. M. Kumar, Dr. R. Selvam,,	Department of Science and Technology (DST) Science and Engineering Research Board (SERB)	50,000



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S. No	Name of the Workshop/Seminar	Objective of the Workshop/Seminar	Resource Person Details	Date Conducted	Duration of the Workshop	No. of Participants	Name of the coordinator	Funded by	Amount Granted
1	Efficiency Enhancement Through Green Innovation In Manufacturing	<p>To identify the use of fewer natural resources, materials, and moderate emissions in their processes</p> <p>Able to identify improved benchmarking and better indicators for deepen understanding of eco-innovation.</p> <p>Dimensions of green innovation like targets, mechanisms and impacts</p> <p>Creating successful eco-innovation policy.</p>	<p>Dr.G.L.Samuel, Professor, IITM</p> <p>Dr.P.V.Manivannan, Professor, IITM</p> <p>Dr.C.Sathiya Narayanan Professor, NIT-T</p> <p>Dr.Somesekhar Hiremath, Associate Professor, IITM</p> <p>Dr.N.Arunachalam, Professor, IITM</p> <p>Dr.M.Sugavaneswaran, Assistant Professor, VIT</p> <p>Dr.K.Senthil Kumaran, Associate Professor, IIITDM</p> <p>Dr.Pandiyarasan Velusamy, Professor, IIITDM</p> <p>Dr.L.Vijayaraghavan Professor, IITM</p>	18.12.2019 to 20.12.2019	3 Days	25	<p>Dr.N.Arunkumar</p> <p>Mr. M. Subramanian M.E.</p>	<p>Department of Science and Technology (DST) Science and Engineering Research Board (SERB)</p>	50,000



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