

**CURRICULUM VITAE**

1. Name : **Dr. CHANDRA MOHAN.D**  
 2. Name of the Father : **Thiru. N.DEVARAJAN**  
 3. Address for Communication



Present	Permanent
Old No:1/32,New No:1/15, 2 <sup>nd</sup> Cross Street Veeramani Nagar, Nanmangalam, Kovilampakkam Post, Chennai-600117	Old No:1/32,New No:1/15, 2 <sup>nd</sup> Cross Street Veeramani Nagar, Nanmangalam, Kovilampakkam Post, Chennai-600117
Mobile : +91-9994116596	Phone : 044-22680197 e-mail ID : mail_2_cm@yahoo.com

4. Date of Birth : 31/03/1982 Age : 33  
 5. Marital Status : Married AU staff ID : 1129012  
 6. Languages Known : English, Tamil Profession : Teaching  
 7. Place of Birth : Chennai District : Kanchipuram  
 8. Mother Tongue : Tamil State : Tamilnadu  
 9. Religion : Hindu Nationality : Indian  
 10. Passport No : H 9 3 2 2 7 2 2 PAN : AKPPC1524Q

**ACADEMIC QUALIFICATIONS**

Degree	Field of Specialization	Name of the Institution	University	Class obtained	Month & Year of Passing
Ph.D	Composite Materials	Coimbatore Institute Technology, Coimbatore	Anna University	---	July 2013
M.E	CAD	Alagappa Chettiar College of Engineering and Technology, Karaikudi	Anna University	First Class With Distinction	June 2008
M.Tech	Machine Design	Bharath Institute of Higher Education and Research, Chennai.	Bharath University	First Class	May 2005
B.E	Mechanical Engineering	Pallavan College of Engineering, Kanchipuram	University of Madras	First Class	May 2003

**EXPERIENCE**

<b>Name &amp; Address of the employer</b>	<b>Designation</b>	<b>Period</b>	<b>Responsibilities</b>
Vel Tech, Avadi, Chennai	Associate Professor	26.10.13 to till date	Teaching / Research and development
	Assistant Professor	26.11.12 to 25.10.13	
Adhiyamaan College of Engineering (Autonomous) Hosur	Assistant Professor	13.06.08 to 06.11.12	Teaching / Research and development
Thiruvalluvar college of Engineering and Technology, Vandavasi	Lecturer	01.07.05 to 30.06.06	Teaching

**RECOGNIZED RESEARCH SUPERVISOR  
ANNA UNIVERSITY**

REF .NO : 23.02.56/ SL.NO. 57

**CONSULTANCY PROJECTS**

<b>Sl. No.</b>	<b>Name of Organization</b>	<b>Year</b>	<b>Area</b>
1	SIM TECHNOLOGY, Vellore	2013-2014	Product design and analysis
2	RVE TECHNOLOGIES, Bangalore	2013-2014	Product design and analysis

**DISTINCTION AND AWARDS RECEIVED**

- **Fellow Award 2011** from Society for Applied Biotechnology [INDIA]

**SPONSORED PROJECTS**

<b>Name of the Funding Agency/ Scheme</b>	<b>Title of the Project</b>	<b>Status</b>	<b>Amount in Lakhs</b>
<b>IEI, Kolkata/ IEI Research and Development Grant for 2009–2010</b>	Application Of Engineering In The Futurestic Development of Orthopaedics Using FEA/CT/CAD/CAM/RPT /Lab VIEW	COMPLETED	<b>0.77</b>
<b>Coimbatore Institute Technology, Coimbatore / Research and Development for 2009-2010</b>	APPLICATION NFRP COMPOSITE MATERIAL IN ORTHOPAEDICS	COMPLETED	<b>0.77</b>
<b>DST</b>	Study and analysis of Natural Fibre Reinforced Polymer Composite Materials	Submitted	<b>18,91,490</b>
<b>AICTE [FDP]</b>	Emerging trends in design and manufacturing	Submitted	<b>7.5</b>
<b>AICTE [SEMINAR]</b>	National conference on recent trends in mechanical engineering	Submitted	<b>3.0</b>
<b>CSIR</b>	National workshop on advances automobiles and green technologies	Submitted	<b>2.50</b>
<b>AICTE</b>	Entrepreneurship Development Cell	Submitted	<b>5.00</b>

**ADMINISTRATIVE EXPERIENCE (DEPARTMENT / INSTITUTIONAL LEVEL):**

<b>Institution</b>	<b>Post Held</b>	<b>Function</b>	<b>Duration</b>
Vel Tech, Avadi, Chennai	ISO-Co-Ordinator	Reviews with Q.M.R. the process in terms of the assignments of last meeting, documentation prepared by each member, rectification of non-conformities, achievements of quality objectives.	26.11.2012 till date
	R&D Co-Ordinator	Reviews project proposal and deliverables with Project Management and other related departments that will be involved to determine proper lead time, funding limitations, procedures for accomplishing project, staffing requirements, and allotment of available resources to various phases of project.	26.11.2012 till date
Adhiyamaan College of Engineering (Autonomous), Hosur,Tamilnadu	Faculty advisor - Society of Automotive Engineers	The main objective is to provide students with an outlet to apply engineering principles they've learned in the classroom to real work experiences. For the competition, a student team must design, build and test a Formula-style racecar which will be required to withstand events including acceleration, braking, skid pad, autocross and endurance. Along with the working prototype, the team must also submit a comprehensive design report of the vehicle to be evaluated for its potential as a viable production item.	05.04.2012 to 06.11.2012
	Incharge for Industrial Visit & Implant Training	Arranged more than 25 Industrial Visit Arranged more than 25 Implant Training	14.06.2010 to 06.11.2012
	Incharge for Guest lecture	Arranged more than 25 Guest Lectures	14.06.2010 to 06.11.2012
	R&D Co-ordinator	Reviews project proposal and deliverables with Project Management and other related departments that will be involved to determine proper lead time, funding limitations, procedures for accomplishing project, staffing requirements, and allotment of available resources to various phases of project.	01.07.2009 to 06.11.2012
	Work shop Incharge	Supervision and guidance. Monitoring and record keeping of stock of substore items. Maintenance and repairs. Any other assignment given by management	01.07.2009 to 06.11.2012
	Autonomous Functioning incharge	Assist HOD for internal and external auditing files updating & maintenance	13.06.2008 to 06.11.2012

**CONTRIBUTION TOWARDS RESEARCH**

<b>Year</b> <b>Particulars</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
<b>International Journals Published</b>	--	01	04	13	05	06	21	50
<b>Papers Published in International Conferences/ Symposium</b>	02	01	01	01	--	01		06
<b>Papers Published in National Conferences</b>	01	--	01		04	--		06
<b>Patent</b>	--	--	01	--	02	01		04
<b>FDP/SDP attended</b>	--	01	--	--	01	--		02
<b>SEMINAR attended</b>	--	--	01	02	--	01		04
<b>Workshop attended</b>	--	02	--	--	02	03		07
<b>International Conferences attended</b>	02	01	01	01	--	--		05
<b>State / National Conferences attended</b>	01	--	01	--	04	01		07
<b>Organized National Level Conferences /Symposium</b>	01	--	--	01	01	01		07
<b>PG PROJECTS GUIDED</b>	--	--	--	01	02	--		03
<b>UG PROJECTS GUIDED</b>	04	04	04	04	04	04	04	28
<b>Consultancy Projects</b>							02	02
<b>Laboratory manuals prepared</b>	01	01	01	01	02	01		06
<b>BOOKS PUBLISHED</b>	--	--	--	--	--	08	02	10

**PATENT**

1. Natural Fiber Reinforced Composite Material for Bone Implant, Indian Patent 2349/CHE/2010.
2. Hybrid Reinforced Composite Material Indian Patent, 193/CHE/2012.
3. Design and Fabrication of Natural fibre Reinforced Composite Material for Plastic Replacement, 385/CHE/2012.
4. Reinforcement composite material, 1011/CHE/2013

## PAPERS PUBLISHED IN INTERNATIONAL JOURNALS

Sl. No.	Authors	Title of the paper	Year	Name of the Journal	Volume No./ PP	IF/IC VALUE/ Indexing
1	<b>Chandramohan, D.</b> and Marimuthu, K.	Characterization of natural fibers and their application in bone grafting substitutes	2011	Acta of Bioengineering and Biomechanics <b>Anna University-Annexure</b>	Vol.13 No.1 77-84	<b>SCOPUS</b>
2	B.Murali <b>Chandramohan.D</b>	Chemical Treatment On Hemp/Polymer Composites	2014	Journal of chemical and pharmaceutical research <b>Anna University-Annexure</b>	6(9) 419-423	<b>SCOPUS</b>
3	<b>Chandramohan, D</b>	Humanizing the values for publishing in India	2014	<b>ELSEVIER</b> Editors' Update [Short Communication]	Issue 42	<b>ELSEVIER BV</b>
4	<b>Chandramohan.D</b> And S.Rajesh	Characterization Of Roselle And Glass Fibre Hybrid Polymer Composites	2014	Pensee Journal <b>Anna University-Annexure</b>	Vol 76, No. 7 pp-140-146	<b>SCOPUS &amp; Thomson Reuter</b>
5	Chandramohan.D And S.Rajesh	Increasing Combusting Resistance For Hybrid Composites	2014	International Journal of Applied Engineering Research (IJAER). <b>Anna University-Annexure</b>	Vol. 9, No 20 pp. 6979-6985	<b>SCOPUS</b>
6	<b>Chandramohan, D.,</b>	Natural Fiber Reinforced Polymer Composite Materials –An Review On Natural Resources	2014	International Journal of Applied Environmental Sciences <b>Anna University-Annexure</b>	9 (3) 957-968	<b>SCOPUS</b>
7	<b>Chandramohan.D</b>	Progress of biomaterials in the field of orthopaedics	2014	American Journal of Applied Sciences <b>Anna University-Annexure</b>	11 (4) 623-630	<b>SCOPUS</b>
8	<b>Chandramohan.D</b> And J.Bharanichandar	Natural Fiber Reinforced Polymer Composites For Automobile Accessories	2014	American Journal of Environmental Sciences <b>Anna University-Annexure</b>	Vol: 9 Issue : 6 494-504	<b>SCOPUS</b>
9	<b>Chandramohan.D</b> And J.Bharanichandar	Design and Fabrication of Natural Fiber Reinforced Composites for	2014	International Journal of Applied Environmental Sciences <b>Anna University-</b>	9 (1) 375-384	<b>SCOPUS</b>

		Conservation of Natural Resources		<b>Annexure</b>		
10	<b>Chandramohan.D</b> And J.Bharanichandar	Impact test on natural fiber reinforced polymer composite materials.	2013	Proceedings of Carbon – Science and Technology <b>Anna University-Annexure</b>	5(3) 314 - 320	<b>SCOPUS</b>
11	B.Murali <b>Chandramohan.D</b>	Mechanical behavior of Jute/Glass fibre composites	2014	Proceedings of Carbon – Science and Technology <b>Anna University-Annexure</b>	6 (1) 330-335	<b>SCOPUS</b>
12	<b>Chandramohan, D,</b> Marimuthu, K.,	Application of Advanced Design and Development Techniques in Orthopaedics	2010	International Journal of Applied Engineering Research <b>Anna University-Annexure</b>	Vol.5, No. 9 1653-1666	<b>SCOPUS</b>
13	M.M. Ravikumar, K. Marimuthu and <b>Chandramohan.D</b>	Implementation of Lean Manufacturing In Automotive Manufacturing Plant [TEL]	2009	International Journal of Applied Engineering Research <b>Anna University-Annexure</b>	Vol.4, No.10 2041-2050	<b>SCOPUS</b>
14	<b>Chandramohan.D</b> And S.Rajesh	Study on machining parameters of Natural Fiber Reinforced Polymer Composites	2014	Academic Journal of Manufacturing Engineering <b>Anna University-Annexure</b>	Accepted	<b>SCOPUS</b>
15	<b>Chandramohan.D</b>	Machining of Composites – An Review	2014	Academic Journal of Manufacturing Engineering <b>Anna University-Annexure</b>	Accepted	<b>SCOPUS</b>
16	<b>Chandramohan.D</b> And S.Rajesh	Characteristics of Marine Hubless Screw Propellers	2014	International Journal of Oceans and Oceanography <b>Anna University-Annexure</b>	Accepted	<b>SCOPUS</b>
17	<b>Chandramohan.D</b> And S.Rajesh	Effects of chemical treatment on jute fiber reinforced composites	2014	International Journal of Applied Engineering Research <b>Anna University-Annexure</b>	Accepted	<b>SCOPUS</b>
18	<b>Chandramohan.D</b> And S.Rajesh	Properties of carbon fiber-polyester composite	2014	International Journal of Applied Engineering Research (IJAER). <b>Anna University-Annexure</b>	Accepted	<b>SCOPUS</b>
19	<b>Chandramohan.D</b> And B,Murali	Business Ethics and New Technologies	2014	International Journal of Economic Research	Accepted	<b>SCOPUS</b>

				<b>Anna University-Annexure</b>		
20	<b>Chandramohan.D</b>	Analysis On Natural Fiber Bone Plates	2014	European Journal of Experimental Biology	4(2):323-332	<b>Thomson Reuters</b>
21	<b>Chandramohan.D</b>	Studies On Natural Fibre Particle Reinforced Composite Material For Conservation Of Natural Resources	2014	Advances in Applied Science Research	5(2):305-315	<b>Thomson Reuters</b>
22	<b>Chandramohan.D</b>	Flexural Rigidity on NFRP Composite Material - Application In Bone Grafting Substitutes	2014	International Journal of Advanced Mechanical Engineering	4(1) 25-34	<b>Elsevier Database</b>
23	<b>Chandramohan.D</b> B.Murali S.K.Nagoovali	Design and Analysis of Head Gear by Using NFRPC Material	2014	International Journal of Advanced Mechanical Engineering	4(1)	<b>Elsevier Database</b>
24	J.Bharanichandar <b>Chandramohan.D</b> B.Murali	Natural Fiber Reinforced Polymer Composite in Synthetic Bone Grafting – A New Approach	2014	Journal of Middle East Applied Science and Technology	16 588-596	<b>IF :2.00</b> <b>IC: 5.29</b>
25	B.Murali <b>Chandramohan.D</b>	Fabrication of Industrial Safety Helmet by using Hybrid Composite Materials	2014	Journal of Middle East Applied Science and Technology	15 584-587	<b>IF :2.00</b> <b>IC: 5.29</b>
26	<b>Chandramohan.D</b>	Trends and Developments In Green Composites	2013	International Journal of Advances in Mechanical Engineering	Vol.3, No. 1 36-39	<b>CSA, Proquest Index Copernicus International</b>
27	<b>Chandramohan.D</b>	Application of Rapid Prototyping In Tissue Engineering	2013	International Journal of Manufacturing Science and Technology	Vol.7 No.2, 58-63	<b>CSA, Proquest Index Copernicus International</b>
28	<b>Chandramohan.D</b>	An Invention of Natural Fibre Reinforced Polymer Composite Material for Bone Implant	2013	International Journal of Advances in Thermal Sciences and Engineering	, Vol 4, No1, pp 19-22.	<b>CSA, Proquest Index Copernicus International</b>
29	<b>Chandramohan.D</b>	Preparation and Characterization of Biocomposite Materials Based on Biopolymers and Natural Fibers	2013	International Journal of Advanced Mechatronics and Robotics	Vol 5, No 1, pp 49-53	<b>CSA, Proquest Index Copernicus International</b>



30	<b>Chandramohan.D</b>	Application of Laser Ignition In Internal Combustion Engines	2013	International Journal of Advances in Thermal Sciences and Engineering	Vol 4, No 1, pp 11-17.	<b>CSA, Proquest Index Copernicus International</b>
31	Jenix Rino, <b>Chandramohan.D</b> and K.S.Sucitharan	An Overview on Development of Aluminium Metal Matrix Composites with Hybrid Reinforcement	2012	International Journal of Scientific Research	Vol.1 Issue.1 196-203	<b>IF :1.86 Index Copernicus International</b>
32	<b>Chandramohan, D.</b> and Marimuthu, K.	Case Study On Blood Flow Over NFRPC Bone Attached Plate Using Computational Fluid Dynamics	2012	Journal of Modern Manufacturing Technology	4(1) 45-57	<b>CSA, Proquest Index Copernicus International</b>
33	R.Prasannasrinivas and <b>Chandramohan.D</b>	Analysis of Natural Fiber Reinforced Composite Material for the Helmet Outer shell	2012	International Journal of current Research	Vol.4,No .3 137-141	<b>IF :1.125 Index Copernicus International</b>
34	Jenix Rino, <b>Chandramohan.D</b> and Daniel Jebin	Research Review On Corrosion Behaviour of Metal Matrix Composites	2012	International Journal of current Research	Vol.4,No .9 179-186	<b>IF :1.125 Index Copernicus International</b>
35	<b>Chandramohan, D.</b> and Marimuthu, K.	Comparison of Mathematical Model for the Prediction of Deflection and Flexural Rigidity on NFRP Composite Material Application In Bone Grafting Substitutes	2012	Journal of Advances in Developmental Research	Vol.3, No.1 122-126	<b>CSA, Proquest</b>
36	<b>Chandramohan, D.</b> and Marimuthu, K.	Natural fibre particle reinforced composite material for bone implant	2011	European Journal of Scientific Research	Vol.54, No.3 384-406	<b>IF : 0.736 SCOPUS ISI</b>
37	<b>Chandramohan, D.</b> and Marimuthu, K.	A research review on natural fibres	2011	International Journal of current Research	Vol. 3, No. 11 331-337.	<b>IF :1.125</b>

38	<b>Chandramohan, D.</b> and Marimuthu, K.	Natural Fibre Bone Plates as Substitutes for Orthopaedic Alloy Plates	2011	Journal of Biotechnology, Bioinformatics and Bioengineering	Vol.1, No.4 405-413	<b>IF :0.51</b>
39	<b>Chandramohan, D.</b> and Marimuthu, K.	Drilling of natural fibre particle reinforced polymer composite material	2011	International Journal of advanced Engineering Research and studies	Vol.1, No. 1 134-145	<b>IF :0.51</b>
40	<b>Chandramohan, D.</b> and Marimuthu, K.	Humerus bone development through CT/CAD/RPT	2011	International Journal of Engineering Research and Applications	Vol.1, No.4 1256- 1261	<b>IF :1.69</b> <b>IC: 5.09</b> <b>CSA, Proquest</b> <b>Index</b> <b>Copernicus</b> <b>International</b>
41	<b>Chandramohan, D.</b> and Marimuthu, K.	Rapid prototyping/rapid tooling – A over view and its applications in orthopaedics	2011	International Journal of Advanced Engineering Technology	Vol.2, No.4 435-448	<b>CSA, Proquest</b>
42	<b>Chandramohan, D.</b> and Marimuthu, K.	A Review on Natural Fibres	2011	International Journal of Research and Reviews in Applied Sciences	Vol. 8 No. 2 194-206	<b>Index</b> <b>Copernicus</b> <b>International</b>
43	<b>Chandramohan, D.</b> and Marimuthu, K.	Application of LabVIEW on Material Testing	2011	International Journal of Engineering Studies	Vol.3, No.2 87-94	<b>IF :0.45</b> <b>CSA, Proquest</b> <b>I C I</b>
44	<b>Chandramohan, D.</b> and Marimuthu, K.	Bio Composite Materials Based on Bio Polymers and Natural Fibres- Contribution As Bone Implant	2011	International Journal of Advanced Medical Sciences And Applied Research	Vol.1, No.1 009-012	<b>IC Value: 3.00</b> <b>CSA, Proquest</b> <b>Index</b> <b>Copernicus</b> <b>International</b>
45	<b>Chandramohan, D.</b> and Marimuthu, K.	Natural Fibre Bone Plates A Worldwide Patent Search Report	2011	International Journal of Engineering Science and Technology ICT <sup>TM</sup> Value: 3.14	Vol.3 No.5 3663- 3669	<b>IC Value: 3.14</b> <b>CSA, Proquest</b> <b>Index</b> <b>Copernicus</b> <b>International</b>

46	<b>Chandramohan, D.</b> and Marimuthu, K.	Tensile and Hardness Tests on Natural Fibre Reinforced Polymer Composite Material	2011	International Journal of Advanced Engineering Sciences and Technologies	Vol.6, No.1 97-104	<b>IC Value: 4.79</b> <b>CSA, Proquest Index Copernicus International</b>
47	S.R.Venkatesan, D.Logendran and <b>Chandramohan.D</b>	Optimization of capacitated vehicle routing problem using PSO	2011	International Journal of Engineering science and technology	Vol.3 No.10 7469-7477	<b>IC Value: 3.14</b> <b>Index Copernicus International</b>
48	<b>Chandramohan, D.</b> and Marimuthu, K.	Thrust Force, Torque In Drilling The Natural Fibre Reinforced Polymer Composite Materials And Evaluate Delamination Factor For Bone Graft Substitutes A Work of Fiction Approach	2010	International Journal of Engineering Science and Technology	Vol.2,No .10 6437-6451	<b>IC Value: 3.14</b> <b>Index Copernicus International</b>
49	<b>Chandramohan, D.</b> and Marimuthu, K.	Contribution of Biomaterials to Orthopaedics as Bone Implants – A Review	2010	International Journal of Materials Science	Vol.5, No.3 445-463	<b>IF:0.32</b> <b>IC Value: 3.14</b> <b>Index Copernicus International</b>
50	<b>Chandramohan, D,</b> Marimuthu, K., Rajesh, S. and Ravikumar, M.M.	Applications of CT/CAD/RPT in the Futurestic Development of Orthopaedics and Fabrication of Plate and Screw Material from Natural Fibre Particle Reinforced Composites for Humerus Bone Fixation – A Future Drift	2010	Malaysian Journal of Educational Technology	Vol.10, No.12 73-81	<b>IF :0.7490</b> <b>CSA, Proquest Index Copernicus International</b>

**Conference (International level) attended (full text of paper is published in the proceedings):**

Sl. No.	Authors	Name of the International Conference/Symposium with Venue	Month/ Year / Page No.	Title of the paper
1	Jenix Rino, <b>Chandramohan.D</b> and Daniel Jebin	International Conference on Emerging Trends in Engineering and Technology (ICETET 2013) Coimbatore Institute of Information Technology	21st & 22nd February, 2013.	Behaviour of Aluminium Metal Matrix Composites Reinforced with Zircon Sand and Silicon Carbide (Hybrid)
2	<b>Chandramohan, D.</b> and Marimuthu, K.	International Conference on Nano Science, Engineering and Technology, Sathyabama University, Chennai	November 28-30/ 2011/ pp.164-172	Applications of Natural Fibre Composites for Replacement of Orthopaedic Alloys
3	<b>Chandramohan, D.</b> and Marimuthu, K.	International Symposium for Research Scholars on Metallurgy, Materials Science and Engineering (ISRS-2010), <b>IIT Madras, Chennai</b>	December 20 – 22 /2010/ pp.129-130	Natural Fiber Bone Plates as Substitutes for Ti6al4v Plates: A Comparative Study
4	<b>Chandramohan, D.</b> and Marimuthu, K.	Sixth International Conference on Precision, Meso, Micro, and Nano Engineering (COPEN6), Organized by <b>PSG Tech., Coimbatore</b>	December 11-12/ 2009	Application of engineering in futuristic development of orthopaedics using FEA/CT/CAD/RPT
5	<b>Chandramohan, D.</b> and Marimuthu, K.	International Conference on Total Engineering, Analysis and Manufacturing Technologies (Team Tech 2008), <b>IISc Bangalore</b>	September 22 – 24 /2008/ pp.24, 2008.	Study on stress aspects of humerus Bone on fixation of plate using Finite Element Analysis
6	<b>Chandramohan, D.</b> and Marimuthu, K.	International Conference on Digital Factory (ICDF 2008), <b>Coimbatore Institute of Technology, Coimbatore</b>	August 11-13/ 2008/ page 532	Stress analysis of humeral shaft Fracture and fixation plate and its effect on vertebrae

**Conference (National level) attended (full text of paper is published in the proceedings):**

Sl. No.	Authors	Name of the National Conference/Symposium / Training Programmes with Venue	Month/ Year / Page No.	Title of the paper
1	<b>Chandramohan, D.</b> and C.Dhayanathan	National Conference on National Nanotechnology Meet on Energy and Environment organized by Sathyabama University in association with Indira Gandhi Centre for Atomic Research,	September 3-5, 2012/PP. 49-52	Nano Robot the Heart Surgeon
2	JenixRino, <b>Chandramohan.D</b> and Daniel Jebin	CSIR Sponsored National Conference on Green Automobile Conceptualizations towards Sustainable Development (GACSD 2012), The Kavery College of	5-6 September 2012/Page.12	Study of Corrosion Behaviour of Metal Matrix Composites
3	DanielJebin, <b>Chandramohan.D</b> and Jenix Rino	CSIR Sponsored National Conference on Green Automobile Conceptualizations towards Sustainable Development (GACSD 2012), The Kavery College of	5-6 September 2012/ Page.10	Comparing the properties of AL6063-SiC, Nano SiC Metal Matrix Composites
4	R.Prasannasrinivas and <b>Chandramohan.D</b>	National conference on Universal innovations in Mechanical Engineering Gnanamani College of Technology, Namakkal, Tamil Nadu	February 3/ 2012/pp.142	Characteristic Analysis of Natural Fiber Reinforced Composite Material for the
5	<b>Chandramohan, D.</b> and Marimuthu, K.	National Conference on Biotechnology, Bioinformatics And Bioengineering Organized by Society for Applied Biotechnology (India)	December17-18 /2010 /page 49	Natural Fiber Bone Plates as Substitutes for Orthopaedic Alloy Plates
6	<b>Chandramohan, D.</b> and K.Ramanathan	National conference for research scholars on "Application of Emerging Technologies, Adhiyamaan college of Engineering, Hosur	March 24-25/ 2008/ page 8	Stress analysis of humeral shaft fracture and fixation of plate using the realistic mechanical

**BOOKS PUBLISHED**

Year	No. of Books	TITLE	ISBN
2013	1	Engineering Metrology and measurements Lab Manual	978-981-07-5545-4
	2	Dynamics of Machinery Lab Manual	978-981-07-5546-1
	3	Computer Integrated Manufacturing	978-981-07-5541-6
	4	Manufacturing Technology Lab Manual	978-981-07-5597-5
	5	Strength of Materials Lab Manual	978-981-07-5985-8
	6	Mechatronics Lab Manual	978-981-07-5984-1
	7	CAD/CAM Lab Manual	978-981-07-5987-2
	8	Process Planning and Cost Estimation	978-981-07-5988-9
2014	9	Applied Hydraulics and Pneumatics	978-981-07-9369-2
	10	Manufacturing Technology –II Lab Manual	978-981-07-9370-8

**MEMBERSHIP OF PROFESSIONAL BODIES**

S.No	PROFESSIONAL BODY	TYPE OF MEMBERSHIP	Membership Number
1	Society for Applied Biotechnology	Fellow	--
2	Institution of Engineers India	Associate Member	AM098364-3
3	Indian Society For Technical Education	Life Member	LM 62141
4	Indian Society For Advancement of Materials And Process Engineering	Life Member	L-1264
5	International Association of Engineers Society of Mechanical Engineering	Life Member	LM 104743
6	World Academy of Science, Engineering and Technology	Life Member	--

**THESIS DETAILS**

Ph.D	Studies on Natural Fibre Particle Reinforced Composite Material
M.E	Stress Analysis of Humeral Shaft Fracture And Fixation of Plate Using The Realistic Mechanical Parameters, Loading And Boundary Conditions.
	Computer aided Design and Analysis of Leaf Spring using VB.
M.Tech	Rating calculation of Spur, Helical and Bevel Gear.
	Computer aided Design and Analysis of Spur, Helical and Bevel Gear.
	Computer aided Design and Analysis of Train wheel.

<b>SHORT TERM COURSES /CONFERENCES/SEMINARS/WORKSHOPS/ PARTICIPATED</b>			
Period	Course title	Conducted by	Sponsored by
27/04/2013	Advanced Manufacturing Techniques	VEL TECH UNIVERSITY	VEL TECH UNIVERSITY
25/09/2013 To 26/09/ 2013.	Recent trends in natural composites and its hybrids for structural applications	Sri Venkateswara college of engineering, Sriperumbudur	DRDO and CSIR
13/03/ 2013.	Energy Analysis of Engineering Systems	Vel Tech, Avadi, Chennai	VEL TECH UNIVERSITY
23/02/2013	One Day Seminar on Advances In Non-Conventional Machining Processes [ANMP 2013]	Department of Manufacturing Engineering College of Engineering Guindy, Anna University	Department of Manufacturing Engineering College of Engineering Guindy, Anna University
21/02/2013 TO 22/02/2013	International Conference on Emerging Trends in Engineering and Technology (ICETET 2013),	Department of Mechanical Engineering, Coimbatore Institute of Information Technology	Department of Mechanical Engineering, Coimbatore Institute of Information Technology
15/03/2012 To 16/03/ 2012.	Recent trends in Automobile Technology	Department of Mechanical Engineering, Adhiyamaan College of Engineering (Autonomous), Hosur	Transvahan Technologies Ltd., Bangalore
17/02/2012 To 18/02/ 2012.	Advanced Machining Process	Association of Production Engineers, Anna University, MIT Campus, Chennai.	Association of Production Engineers, Anna University, MIT Campus, Chennai.
21/12/2012	State Level Conference on Establishment of Entrepreneurship Development Cells in Higher Education Institutions in Tamilnadu at chennai Trade Centre, Chennai	Entrepreneurship Development Institute, Chennai.	Entrepreneurship Development Institute, Chennai.
17/02/2012 TO 18/02/2012	International Conference on Advanced Materials and Processing Technologies-2012	PRIST University	PRIST University
03/09/2012. TO 05/09/2012	National Conference on National Nanotechnology Meet on Energy and Environment	Sathyabama University in association with Indira Gandhi Centre for Atomic Research, Kalpakkam	Sathyabama University in association with Indira Gandhi Centre for Atomic Research, Kalpakkam
14/06/2012 to 15/06/2012.	Faculty Development Training Program	ASKUS SOLUTIONS PRIVATE LIMITED	VEL TECH UNIVERSITY



26/11/2011	Seminar on Master CAM	Department of Mechanical Engineering at Adhiyamaan College of Engineering (Autonomous), Hosur	Department of Mechanical Engineering at Adhiyamaan College of Engineering (Autonomous), Hosur
07/01/2011 TO 08/01/2011	National Seminar on Polymers in Medicine and Biology	Department of Biotechnology, Bannari Amman Institute of Technology, Sathyamangalam.	Department of Biotechnology, Bannari Amman Institute of Technology, Sathyamangalam
16/11/2011	Product innovation concept to reality	STRATASYS at The Gateway Hotel, Residency Road Bangalore	STRATASYS
28/11/2011 TO 30/11/2011	International Conference on Nano Science, Engineering and Technology	Sathyabama University in association with Indira Gandhi Centre for Atomic Research, Kalpakkam	Sathyabama University
18.01.2011	Felicitation function in honour of Er.G.PRABHAKAR,President, IEI [INDIA] and presentation of R&D Grant 2010-2011	NATIONAL DESIGN AND RESEARCH FORUM at sir M V ADITORIUM,IEI-KSC,Bangalore.	NATIONAL DESIGN AND RESEARCH FORUM at sir M V ADITORIUM,IEI-KSC,Bangalore.
11/12/2010 To 12/12/2010	Educators day 2010 on Research and Consulting	National Instruments-Bangalore, at Chennai trade centre, Chennai.	National Instruments-Bangalore
04/08/ 2010	Trends and development in Nano Composite Materials	Department of Mechanical Engineering, Adhiyamaan College of Engineering (Autonomous), Hosur	Mechanical division of IE(I), Bangalore
20/12/2010 To 22/12/2010	International Symposium for Research Scholars on Metallurgy, Materials Science and Engineering (ISRS-2010)	IIT Madras	IIT Madras
17/12/2010 To 18/12/2010	National Conference on Biotechnology, Bioinformatics And Bioengineering	Society for Applied Biotechnology (India)	Society for Applied Biotechnology (India)
08/07/2009	Materials Resource Planning	PSG Institute of Management, Coimbatore & joint venture with THE UNIVERSITY OF TOLEDO USA	PSG & Joint venture with THE UNIVERSITY OF TOLEDO USA
16/03/2009 To 20/03/ 2009	STTP on "Nano Technology and its Applications	Department of Mechanical Engineering, Adhiyamaan College of Engineering (Autonomous), Hosur	AICTE-ISTE



11/12/2009 To 12/12/2009	International Conference on Precision, Meso, Micro, and Nano Engineering (COPEN6),	PSG college of Technology, Coimbatore	PSG college of Technology, Coimbatore
22/09/2008 To 24/09/ 2008	International Conference on Total Engineering, Analysis and Manufacturing Technologies (Team Tech 2008)	IISc Bangalore	IISc Bangalore
11/08/2008 To 13/08/ 2008	International Conference on Digital Factory (ICDF 2008)	Coimbatore Institute of Technology, Coimbatore	Coimbatore Institute of Technology, Coimbatore
24/03/2009 To 25/03/ 2009	National conference for research scholars on “Application of Emerging Technologies”,	Adhiyamaan College of Engineering, Hosur	Indian Society For Technical Education

#### DETAILS OF PROJECT / RESEARCH GUIDANCE

Degree and Programme	No. of Student(s) / Scholar(s) Enrolled	Project / Thesis Submitted	Degree Awarded
M.E	01	Characterization of natural fibers and its application in bone grafting substitutes	YES
	01	Thrust Force, Torque In Drilling The Natural Fiber Reinforced Polymer Composite Materials And Evaluate Delamination Factor For Bone Graft Substitutes -A Work of Fiction Approach	YES
	01	Application of Rapid Prototyping in Tissue Engineering	YES
	01	Analysis of Natural Fibre Reinforced Composite Material for the Helmet Outer shell	YES
	01	Estimating the property of Aluminium-CNT based metal matrix Composites	YES

**REVIEWER IN JOURNALS**

1. World Congress on Engineering (WCE), London, U.K for IAENG Journals organized by International Association of Engineers.
2. Journal of Mechanical Engineering Research (JMER).
3. Science Journal of Mechanical Engineering.
4. Scientific Committee & Editorial Review Board on Engineering and Physical Sciences, World Academy of Science, Engineering and Technology.

REFERENCES		
Name, Address & Phone No.	Name, Address & Phone No.	Name, Address & Phone No.
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**Declaration:**

I certify that the above information is correct and complete to the best of my knowledge and belief.

Place: Chennai

Date :

**(Dr. D. Chandramohan)**