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VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

An Autonomous, ISO 9001:2015 & QS I-Gauge Diamond Rated Institute, Accredited by NAAC with 'A++' Grade
NBA Accreditation for B.Tech. CE, EEE, ME, ECE, CSE, EIE, IT Programmes
Approved by AICTE, New Delhi, Affiliated to JNTUH, NIRF 135th Rank in Engineering Category
Recognized as "College with Potential for Excellence" by UGC
Vignana Jyothi Nagar, Pragathi Nagar, Nizampet (S.O), Hyderabad – 500 090, TS, India.
Telephone No: 040-2304 2758/59/60, Fax: 040-23042761
E-mail: postbox@vnrviet.ac.in, Website: www.vnrviet.ac.in



Department of Mechanical Engineering VNR VJIET

NUMBER OF PUBLICATIONS IN NATIONAL AND INTERNATIONAL CONFERENCES BOOKS , BOOK CHAPTERS, LECTURE NOTES

SNO	INTERNATIONAL CONFERENCES	NATIONAL CONFERENCES	Books and Book chapters
2021-22	5	1	14
2020-21	12	---	7
2019-20	6	---	10
2018-19	8		3
2017-18	7	4	2
2016-17	16	--	1
2015-16	6	4	---
2014-15	21	7	--
2013-14	2	5	---
2012-13	8	1	--
Total	91	22	37

FACULTY CONFERENCE PUBLICATIONS

Academic Year: 2021-22 INTERNATIONAL CONFERENCE

S. No.	Name of Faculty	Name of Authors	Title of the Paper/ Book Chapter/Books	Title of the Journal /Title of the Conference /Title of Books	Volume and Issue No./ Year of Publication/ Dates of the Conference & Page Nos.	Indexing (SCI/SCOPUS/ WoS/UGC/refereed Journals)	ISBN /ISSN of the Journal/ Proceedings
1.	Mr. P. Narendra	1. Mr. P. Narendra 2. Eshwaraiiah Punna	Experimental Investigation Of Strength Properties Of 3D Printed ABS Composites	E3S Web of Conferences	Volume 309	WEB OF SCIENCE S	8 th August 2021
2.	S. Bhanumurthy	1. Kadavath Suman 2. Soppari Bhanumurthy	Modelling And Simulation Of Pneumatic Manipulator Using Automation Studio.	4th International Congress on Advances in Mechanical Sciences (ICAMS2021)	---	----	26th & 27th November 2021
3.	Mr. K. Krishna Murthy	1. Mr. K. Krishna Murthy 2. Dr. K. Vijay Kumar Reddy	Investigations on hydro-thermal performance of a microchannel heat exchanger using microchambers with ribs	3rd international conference on Recent Advancements in Mechanical Engineering (ICROME-2022)	---	----	4th – 6th February 2022
4.	1. Dr. B. V. R. Ravi Kumar 2. Dr. M. S. Srinivasa Rao	1. Kaveti Upender, 2. B. V. R. Ravi Kumar, 3. M. S. Srinivasa Rao	Friction Stir Welding of IS:65032 Aluminum Alloy and Predicting Tensile Strength	Advances in Mechanical Engineering and Material Science	pp 103–114	WEB OF SCIENCE S Springer link	22 April 2022



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		4. M. Venkata Ramana	Using Ensemble Learning				
5.	Dr. S.V.S.S Srinivasa Raju	1. Dr.K.Veer aiah 2. Dr. S.V.S.S Srinivasa Raju 3. Dr. Yugandha r Vangaveti 4. V.Vinodh Kumar 5. Dr.Sayyad Saadiq Ali	Role of Artificial Intelligence in Financial Management	2022 Internationa l Conference on Computer Communication and Informatics (ICCCI), Jan. 25 – 27, 2022, Coimbatore, INDIA	DOI: 1 0.1109/ ICCCI5 4379.2 022.97 40900	SCOPUS	978-1-6654-8035-2/22 ISSN: 2329-7190

Academic Year: 2021-22 NATIONAL CONFERENCE

S. No.	Name of Faculty	Name of Authors	Title of the Paper/ Book Chapter/Books	Title of the Journal /Title of the Conference /Title of Books	Volume and Issue No./ Year of Publication/ Dates of the Conference & Page Nos.	Indexing (SCI/SCOPUS/ WoS/UGC/refereed Journals)	ISBN /ISSN of the Journal/ Proceedings
1.	Dr. K. Ajay Kumar	1. Shaik Afzal Mohiuddin, 2. Ajay Kumar Kaviti 3.T. Srinivasa Rao 4. S. R. Atchuta,	Enhancement of Productivity of Distillate using Nanocoated Thermal Absorber in Single Slope Solar Still	National Conference on Advanced Materials and Applications (NCAMA-2021)	---	---	November 25-26, 2021



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FACULTY PUBLICATIONS BOOKS, BOOK CHAPTERS, LECTURE NOTES Academic Year: 2021-22

S. No.	Name of Faculty	Name of Authors	Title of the Paper/ Book Chapter/Books	Title of the Journal /Title of the Conference/Title of Books	Volume and Issue No./ Year of Publication/ Dates of the Conference & Page Nos.	Indexing (SCI/SCOPUS/ WoS/UGC/ refereed Journals)	ISBN/ISS N of the Journal/ Proceedings
1.	Dr. N. Kiran Kumar	1. Dr. N. Kiran Kumar 2. V. Bala Murali	Latest Trends in Renewable Energy Technologies	A Short Review and Investigate Study on Performance of Magneto-Hydrodynamic Using High Reynolds Numbers	Volume 60, Pp 377-386 2 nd July 2021, DOI https://doi.org/10.1007/978-981-16-1186-5_31	Web of Science/ Google Scholar SPRINGER Link	978-981-16-1186-5
2.	Dr. Ajay Kumar Kaviti	1. Dr. K. Ajay Kumar 2. Dr. Amit Kumar Thakur	Recent Trends in Thermal Engineering	Power Generation from Wind Using Bladeless Turbine	Volume 28, Issue 4 Pp 3293-3306, DOI https://doi.org/10.1007/978-981-16-3132-0_14	Web of Science/ Google Scholar SPRINGER Link	ISBN: 978-981-16-3132-0
3.	Dr. Ajay Kumar Kaviti	1. Amit Kumar Thakur 2. Ajay Kumar Kaviti	Recent Trends in Thermal Engineering	Optimization of Aerofoil Profiles Using a Notch on	Volume 28, Issue 4, Pp 43-52, DOI	Web of Science/ Google Scholar SPRINGER Link	ISBN: 978-981-16-3132-0

				a Vertical Axis Wind Turbine	https://doi.org/10.1007/978-981-16-3132-0_5		
4.	Dr. Shivaraj Yeole	1. V. Rajashekar, 2. Shivraj Narayan Yeole	Lecture Notes in Mechanical Engineering Advanced in Mechanical and Materials Technology , LNME, Springer Nature Singapore	Multi-objective Optimization of Machining Parameters in μ -EDM Drilling of SS317L Using Novel JAYA and TLBO Algorithms	https://doi.org/10.1007/978-981-16-2794-1_115 January 2022	Web of Science/ Google Scholar SPRINGER Link	Print ISBN: 978-981-16-2793-4 Electronic ISBN: 978-981-16-2794-1
5.	1. Naveen Reddy CH 2. T. Malyadri	1. P. Naresh Sagar, 2. Naveen Reddy CH 3. T. Malyadri	Recent Advances in Manufacturing Processes and Systems	Enhancement of Mechanical Properties Alkali-Treatment and Polylactic Acid Coated Woven Jute Fiber Reinforced Composites	Pp 403–413, March 2022, DOI https://doi.org/10.1007/978-981-16-7787-8_31	Web of Science/ Google Scholar SPRINGER Link	ISBN: 978-981-16-7786-1
6.	1.T.Malyadri 2. Mr. S. N. S. Sai Hari 3. Dr. M. S. Sreenivasa Rao	1.T.Malyadri 2. Mr. S. N. S. Sai Hari 3. Dr. M. S. Sreenivasa Rao	Recent Advances in Manufacturing Processes and Systems	Investigation on Mechanical Properties of 3D Printed PETG Material	Pp 571-582, March 2022, DOI https://doi.org/10.1007/978-981-16-7787-8_46	Web of Science/ Google Scholar SPRINGER Link	ISBN: 978-981-16-7786-1
7.	1. T. Malyadri 2. Mr. L. Sandeep Raj	1.A.Vinay 2.Mr. T. Malyadri 3. Mr. L. Sandeep Raj	Mechanical Characterisation of Nano Hybrid Composites	Investigation on Mechanical Properties of 3D Printed	Pp 623-634 March 2022, DOI https://doi.org/10.1007/978-981-16-7786-1_115	Web of Science/ Google Scholar SPRINGER Link	ISBN: 978-981-16-7786-1



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				PETG Material	1007/978-981-16-7787-8_46		
8.	1.T.Malyadri 2. Mr. S. N. S. Sai Hari 3. Dr. M. S. Sreenivasa Rao	1.T.Malyadri 2. Mr. S. N. S. Sai Hari 3. Dr. M. S. Sreenivasa Rao	Recent Advances in Manufacturing Processes and Systems	Appropriateness Investigation on Three Different Layers Fashion of Specially Treated Banana/Epoxy/Fiberglass Hybrid Composite for Bio-medical Appliances	Pp 197-208, March 2022	Web of Science/Google Scholar SPRINGER Link	ISBN: 978-981-16-7786-1
9	1. Dr. B. V. R. Ravi Kumar 2.Dr. M. S. Srinivasa Rao	1. Kaveti Upender, 2. B. V. R. Ravi Kumar 3. M. S. Srinivasa Rao 4. M. Venkata Ramana	Advances in Mechanical Engineering and Material Science	Friction Stir Welding of Aluminum Alloy and Predicting Tensile Strength Using Ensemble Learning	Pp 103–114, 22 April 2022, DOI https://doi.org/10.1007/978-981-19-0676-3_8	Web of Science/Google Scholar SPRINGER Link	Print ISBN 978-981-19-0675-6 Online ISBN 978-981-19-0676-3
10.	K. Krishnamurthy	Shiva Kumar Reddy Devasani, Sudesh Vodnala, and K. Krishnamurthy	Intelligent Manufacturing and Energy Sustainability (Proceedings of ICIMES 2021)	Experimental Investigation on Portable Refrigerating Bottle	Pp 295–302 https://doi.org/10.1007/978-981-16-6482-3_37 11 December 2021	Web of Science/Google Scholar SPRINGER Link	Print ISBN 978-981-16-6481-6

11.	K. Krishnamurthy	1.Shiva Kumar Reddy 2. Devasani, Sudesh Vodnala 3. K. Krishnamurthy	Intelligent Manufacturing and Energy Sustainability (Proceedings of ICIMES 2021)	Experimental Investigation on Performance and Emission Characteristics of Mixture of Sunflower and Soybean Biodiesels	Pp 365–379 9https://doi.org/10.1007/978-981-16-6482-3_37 December 2021	Web of Science/ Google Scholar SPRINGER Link	Print ISBN 978-981-16-6481-6
12.	1.Dr. N. Kiran Kumar 2.Dr. B. Chennakesava Rao	1.N. Kiran Kumar 2. B. Chandra Kiran 3.B. Chennakesava Rao 4. M. Manzoor Hussain	Innovations in Mechanical Engineering	A Review on Carbon Reinforcements in Glass Fiber Polymer Matrix Composites	Pp 627–637, 02 March 2022	Web of Science/ Google Scholar SPRINGER Link	ISBN 978-981-16-7282-8
13.	1.Dr. N. Kiran Kumar 2. Mr. S. N. S. Sai Hari	1. G. Likhitha 2. N. Kiran Kumar 3. M. Manzoor Hussain 4. S. N. S. Sai Hari	Innovations in Mechanical Engineering	Experimental Investigation of Plydrop Behavior in FRP Composites	Pp 591–604, 02 March 2022	Web of Science/ Google Scholar SPRINGER Link	ISBN 978-981-16-7282-8
14.	1.Dr. N. Kiran Kumar 2. Dr. G. Srinivasa Gupta, 3. Dr. K. Ajay Kumar	1. Namala Kiran Kumar 2. G. Srinivasa Gupta 3. K. Ajay Kumar 4. M. Manzoor Hussain	Innovations in Mechanical Engineering	Influence of Coating on Micro Stress Distribution in Cylindrical FRP Composites	Pp 605–625, 02 March 2022	Web of Science/ Google Scholar SPRINGER Link	ISBN 978-981-16-7282-8



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Academic Year: 2020-21

S. No.	Name of Faculty	Name of Authors	Title of the Paper/ Book Chapter/Books	Title of the Journal /Title of the Conference /Title of Books	Volume and Issue No./ Year of Publication/ Dates of the Conference & Page Nos.	Indexing (SCI/SCOPUS/ WoS/UGC/refered Journals)	ISSN/ISSN of the Journal/ Proceedings
1.	Dr. B. Satyanarayana	1. Dr. B. Satyanarayana, 2. M Rama Bai, 3. G Naga Sujini, 4. Muthyala Mahesh	Stage Lung Cancer Detection Using Machine Learning	Biosc.Biotech.Res.Com m.	Special Issue Vol 14 No 05 (2021) May 2021	Web of Science	ISSN 2321-4007 0974-6455
2.	Dr. B.V.R. Ravi Kumar	1. M Venkata Ramana, 2. G Krishna Mohan Rao, 3. D Hanumant ha Rao, 4. BVR Ravi Kumar	Prediction of Optimum Process Parameters In Turning Of Ti6Al4V Alloy Under Various Cooling Strategies Using Soft Computing Tool	AIP Conference Proceedings	Volume 2317 Issue 1, February 2021, Pp 020004	SCOPUS 	ISSN: 0094-243X (print) 1551-7616 (web)

3.	1. Dr. Jayashri N. Nair 2. Putha Prasad Kumar	1. Jayashri N. Nair, 2. Putha Prasad Kumar, 3. Amit Kumar, 4. Samhita, Aravinda	Influence on Emissions and Performance of CI Engine with Graphene Nanoparticles Blended with Karanja Biodiesel	AIP Conference proceedings	Volume 2317, Issue 1, p. 020017 , https://doi.org/10.1063/5.00361422nd February 2021	 SCOPUS	ISSN 1551-7616 Citations 2
4.	Dr. K. Aruna Prabha	1. L. Srinivasa Rao, 2. Ch Sai Phani Kumar, 3. K. Aruna Prabha, 4. P Raghavendra Rao	Effect of ZnO Nanoparticles On Structure And Magnetic Properties Of Li ₂ O-B ₂ O ₃ :TiO ₂ glasses	AIP Conference Proceedings	030101 , https://doi.org/10.1063/5.0019588 , 10th December 2020	 SCOPUS	ISSN 0094-243X (print) 1551-7616 (web)
5.	Dr. K. Aruna Prabha	1.K. Aruna Prabha 2.PS RohitS 3.C Nitturi 4. B Nithin	Manufacturing of 3 D Shrouded Impeller of a Centrifugal Compressor on 3D-Printing machine using FDM Technology	IOP Conference Series: Materials Science and Engineering	Volume 1012, Issue 01, Pp 12-39 January 2021 DOI:10.1088/1757-899X/1012/1/012039	SCOPUS	ISBN 978-93-5416-854-3 Citations 2
6.	Dr. K. Aruna Prabha 2. S Swetha 3. Priyadarsini Morampudi 4. Ch Naveen Reddy	1. K Aruna Prabha, 2. S Swetha, 3. Priyadarsini Morampudi 4. CH Naveen	Modelling and Analysis of Shoulder Traction Surgery Kit	IOP Conference Series: Materials Science and Engineering	Volume 1012, Issue 01, 012012 January 2021 DOI: 10.1088/1757-899X/1012/1/012012	SCOPUS	ISBN 978-93-5416-854-3








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7.	1. Dr. M.S. Srinivasa Rao 2. Naga Sri Saihari Sunkara 3. T. Malyadri	1. R. Saravanan, 2. M.S. Srinivasa Rao, 3. Naga Sri Saihari Sunkara, 4. T. Malyadri	Six Sigma's ECRS Technique to down Cost and Time of Manufacturing – an Experimental Investigation	AIP Conference Proceedings	Volume 2283, Issue 1 , 10.106 3/5.002 5016 October – 2020 https://doi.org/10.1063/5.0025016	SCOPUS 	ISSN 0094-243X (print) 1551-7616 (web)
8.	1. Naga Sri Saihari Sunkara 2. Dr. M.S. Srinivasa Rao 3. T. Malyadri	1. R. Saravanan, 2. Nagasri Saihari Sunkara, 3. M.S. Srinivasa Rao, 4. T. Malyadri	Experimental Exploration On Influence Of Gas Nitriding And Chromium Coated Piston Rings In Reduction Of Wear And Lubricant Consumption In Petrol Engines	AIP Conference Proceedings	Volume 2283, Issue 1 , 10.106 3/5.002 5022 October – 2020	SCOPUS 	ISSN 094-243X (print) 1551-7616 (web) Citation 1
9.	1. Mr. S. Bhanu Murthy 2. Mr. P. Narendra 3. Dr. M. S. Sreenivasa Rao	1. Mr. S. Bhanu Murthy, 2. Mr. P. Narendra, 3. Dr. M. S. Sreenivasa Rao, 4. Goud Ranga,	Development of PLC based Sequential Pneumatic Punching System	IOP Conference Series: Materials Science and Engineering	Volume 2317, February 2021 10.1088/1757-899X/12079	SCOPUS	ISBN 978-93-5416-854-3

		Naresh Kumar					
10	1. Mr. Ch. Naveen Reddy 2. Mr. L. Sandeep Raj	1. Mr. Ch. Naveen Reddy 2. Mr. L. Sandeep Raj 3. Gourav Tiwari	Experimental Study on Mechanical Properties of AA7075, Al ₂ O ₃ and Graphite Metal Matrix Composite	International E-Conference on Materials Processing & Characterization-2020	Pp 54-57 Proceedings of the Conference ICMP&C-2020 22	SCOPUS 	ISBN: 978-81-946476-9-0
11	Dr. V. Siva Rama Krishna	1. C. H. Ravi Kiran, 2. G. Chandra Mohana Reddy, 3. V. Siva Rama Krishna 4. Shaik Hussain	Effect of Diphenylamine Nano Additive With Pine Oil Biodiesel on Performance and Emission Characteristics of CI Engine	AIP Conference Proceedings	Volume 2317, Issue 1 10.1063/5.0036866	SCOPUS 	ISBN 978-93-5416-854-3
12	Dr. V. Siva Rama Krishna	1. C.H. Ravi Kiran, 2. G. Chandra Mohana Reddy, 3. V. Siva Rama Krishna, 4. Shaik Hussain	Experimental Investigation of Performance and Emission Characteristics of Diesel Engine Using Pine Oil Blends	AIP Conference Proceedings	https://doi.org/10.1063/5.0036484 February 2021	SCOPUS 	ISBN 978-93-5416-854-3



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S. No.	Name of Faculty	Name of Authors	Title of the Paper/ Book Chapter/Books	Title of the Journal /Title of the Conference/Title of Books	Volume and Issue No./ Year of Publication/ Dates of the Conference & Page Nos.	Indexing (SCI/SCO PUS/ WoS/UGC/refereed Journals)	ISBN/ISSN of the Journal/ Proceedings
1.	Dr. Ajay Kumar Kaviti	Thakur (Editor) 2. Rajesh Singh (Editor) 3. Ajay Kumar Kaviti (Editor) 4. Anita Gehlot (Editor) 5. J.V Muruga Lal Jeyan (Editor)	Applied Soft Computing Techniques for Renewable Energy	Applied Soft Computing Techniques for Renewable Energy book editor	Volume 28, Issue 4 Pp 3293-3306	Google Scholar	ISBN: 978-1-53618-180-7
2.	Dr. Ajay Kumar Kaviti	1. Begari Mary, 2. Ajay Kumar Kaviti, 3. Akkala Siva Ram	Simulation Study on Effect of Fin Geometry on Solar Still	Innovations in Sustainable Energy and Technology	https://doi.org/10.1007/978-981-16-1119-3_19 14 May 2021	Web of Science /Google Scholar/Scopus SPINGER 	Print ISBN 978-981-16-1118-6 Online ISBN 978-981-16-1119-3

3.	Dr. Ajay Kumar Kaviti	1. Shaik Afzal Mohiuddin, 2. Ajay Kumar Kaviti, 3. T. Srinivasa Rao	Nano Structures has High Absorption Energy Materials A-Review	Recent Advances in Sustainable Technologies	Pp 315-323	Web of Science /Google Scholar/Scopus SPINGER 	Print ISBN 978-981-16-0975-6 Online ISBN 978-981-16-0976-3
4.	Dr. N. Kiran Kumar	1. Kiran Kumar Namla 2. V. Bala Murali Krishna	A Short Review and Investigate Study on Performance of Magneto-Hydrodynamic Using High Reynolds Numbers	Latest Trends in Renewable Energy Technologies	Volume 760, Lect. Notes Electrical Eng., Shelly Vadhera et al. (Eds): January 2021 DOI: https://doi.org/10.1007/978-981-16-1186-5_31	Web of science/google scholar  SPINGER	ISBN 978-981-16-1186-5
5.	Dr. Jayashri N Nair	1. Jayashri N. Nair	Mitigation of emissions through injection strategies	Title of book I.C Engines IntechOpen.	10.5772/intechopen.96483	Web of science	https://www.intechopen.com/chapters/75538
6.	Dr. Jayashri N. Nair	1. Jayashri N. Nair	Effect of Biodiesel on Performance, Emissions and Combustion	Applied Soft Computing Techniques for Renewable Energy	Chapter 8	Google Scholar	ISBN 978-1-53618-209-5




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7.	1. MVR Durga Prasad, 2. Mr. T. Malyadri	1. MVR Durga Prasad, 2. M Anita, 3. T Malyadri	An Iot-Based Smart Pet Food Dispenser	Intelligent Manufacturing and Energy Sustainability: Proceedings of ICIMES 2020	Volume 213 Pp 147 April 2021	Web of science/google scholar SPINGER R 	Print ISBN 978-981-33-4442-6
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Faculty CONFERENCES Publications

Academic Year: 2019-20

S. No.	Name of Faculty	Name of Authors	Title of the Paper/ Book Chapter/Books	Title of the Journal /Title of the Conference /Title of Books	Volume and Issue No./ Year of Publication/ Dates of the Conference & Page Nos.	Indexing (SCI/SCOPUS/ WoS/UGC/ refereed Journals)	ISBN/ ISSN of the Journal/ Proceedings
1.	N. Srilatha	1. N. Srilatha 2. Dr. B. Srinivasa Prasad	A Novel Method of Friction Drilling Technique Review	AIP Conference Proceedings	2200, 020052 September 2019	SCOPUS/ Web of Science 	ISSN: 0094-243X (print); 1551-7616 (web)

2.	S. Bhanu Murthy	<p>1. NagashivaMut yam</p> <p>2. T. S. S. Siva Saikumar</p> <p>3. BhanumurthyS oppari</p>	Design of Sequential Electro-Pneumatic System	International Conference on Emerging Trends in Engineering (ICETE)	DOI https://doi.org/10.1007/978-3-030-24314-2_7227 July 2019 Springer, Cham	<p>Web of Science</p>  <p>SPINGER</p>	<p>Online ISBN 978-3-030-24314-2</p> <p>Online ISBN 978-3-030-24314-2</p>
3.	<p>1. Dr. K. Aruna Prabha Kolluri</p> <p>2. Dr. Paruchuru Satya Prasad</p>	<p>Aruna Prabha Kolluri,</p> <p>2. Balla Srinivasa Prasad,</p> <p>3. Paruchuru Satya Prasad</p>	Evaluation Of Thermal Effects In Turning Processes: Numerical And Experimental Approach	ASME International Mechanical Congress And Exposition 2019	https://doi.org/10.1115/IMECE2019-10423	<p>SCOPUS</p> 	<p>ISBN: 978-0-7918-5949-0</p> <p>Citations 2</p>
4.	<p>1. Dr. Paruchuru Satya Prasad</p> <p>2. Dr. K. Aruna Prabha Kolluri</p>	<p>1. Paruchuru Satya Prasad</p> <p>2. Aruna Prabha Kolluri</p>	Standardization Aspects Of Fracture Testing Of Bone And Bio-Material	ASME International Mechanical Congress And Exposition 2019	----	<p>SCOPUS</p> 	<p>ISBN: 978-0-7918-5949-0</p>





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5	1. Dr. Paruchuru Satya Prasad 2. Dr. K. Aruna Prabha Kolluri	1.Paruchuru Satya Prasad 2. Aruna Prabha Kolluri	Minimum Destructive And Noninvasive Test Methods For Natural Materials	ASME International Mechanical Congress And Exposition 2019	----	SCOPUS 	ISBN: 978-0-7918-5949-0
6	1. Dr. Paruchuru Satya Prasad 2. Dr. K. Aruna Prabha Kolluri	1.Paruchuru Satya Prasad 2. Aruna Prabha Kolluri	Standardization Aspects Of Methods For Testing Of Engineered Biological-Tissue	ASME International Mechanical Congress And Exposition 2019	----	SCOPUS 	ISBN: 978-0-7918-5949-0

Faculty BOOKS/BOOK CHAPTERS Publications

Academic Year: 2019-20

S. No	Name of Faculty	Name of Authors	Title of the Paper/ Book Chapter/Books	Title of the Journal /Title of the Conference/ Title of Books	Volume and Issue No./ Year of Publication/ Dates of the Conference & Page Nos.	Indexing (SCI/SCOPUS/ WoS/UGC /refereed Journals)	ISBN/ISS N of the Journal/ Proceedings
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1	1. Ch. Naveen Reddy 2. Dr. K. Ajay Kumar	1.Ch. Naveen Reddy 2. M. Bhargav 3. Ajay Kumar Kaviti	Mechanical Characterization of Unidirectional Banana–Glass Fiber-Reinforced Hybrid Composites	Advances in Applied Mechanical Engineering	Volume. 24, Issue 05, Pp 1031-1037 May 2020, Book chapter DOI:10.1007/978-981-15-1201-8_110	Web Of Science  SPINGER	ISSN: 2195-4356
2.	Dr. K. Ajay Kumar	1. Ajay Kumar Kaviti 2. Amit Kumar Thakur	Vibration Analysis of Carbon Fiber and Glass Fiber Composite Beam	Advances in Metrology and Measurement of Engineering Surfaces	Pp 223-22 DOI https://doi.org/10.1007/978-981-15-5151-2_21 16 June 2020	Web Of Science  SPINGER	Print ISBN 978-981-15-5150-5 Online ISBN 978-981-15-5151-2
3.	Kode Jaya Prakash	1. L. Vamsi Krishna Reddy, 2. Kode Jaya Prakash	.A Review on 4D Printing—the Next Industrial Revolution	Emerging Trends in Mechanical Engineering	https://doi.org/10.1007/978-981-32-9931-3_32 12 December 2019	Web of Science  SPINGER	Print ISBN: 978-981-329-930-6 Electronic ISBN: 978-981-329-931-3
4.	V.V. D. Sahithi	1. V.V. D. Sahithi 2. C. S. P. Rao 3. M. Srinivasa Rao	2. An Extensive Study of Multi-level Inventory Lot Sizing Optimization Problem	Advances in Applied Mechanical Engineering	Pp.1195-1205, February 2020, DOI: 10.1007/978-981-15-1201-8_126	Web of Sciences  SPINGER	Print ISBN 978-981-15-1200-1
5.	Dr. K. Ajay Kumar	Ajay Kumar Kaviti,	An Overview Of Recent Advances In Jute Fibre Reinforced Composites	LAP LAMBERT Academic Publishing	June 2020	Google Scholar	ISBN-13:978-613-9-47658-9 ISBN-10:6139476585
6.	Dr. K. Ajay Kumar	1. Ajay Kumar, 2. Kaviti,	Design, Analysis And Optimisation	LAP LAMBERT Academic	May 2020	Google Scholar	ISBN-13:978-620-2-55564-7







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		Vivek Shukla	Of Vertical Axis Wind Turbine Blade	Publishing			ISBN-10:6202555645
7	Dr. Shivraj Narayan Yeole	1. V. Rajashekar, 2. Shivraj Narayan Yeole	TLBO and JAYA: Insights into Novel Multi-Objective Optimization Techniques	Innovative Design, Analysis & Development Practices in Aerospace and Automotive Engineering	Volume 1 pp 239-246 February 24-26, 2020	Web of Science/Google scholar  SPINGER	Print ISBN 978-981-15-6618-9 Online ISBN 978-981-15-6619-6
8	Dr. Shivraj Narayan Yeole	1. S. Koteswari, 2. Shivraj Narayan Yeole	A State-of-the-art Review on 3D Printed Orthotic Devices for Flat Feet Condition	Innovative Design, Analysis & Development Practices in Aerospace and Automotive Engineering	Abstract Proceedings, February 24-26, 2020 Volume 1, Page 35	Web of Science/Google scholar  SPINGER	Print ISBN 978-981-15-6618-9 Online ISBN 978-981-15-6619-6 Citations 1
9	Dr. Shivraj Narayan Yeole	1.K. Anirudh, 2. Shivraj Narayan	A Contemporary Review on Knee Injuries	Innovative Design, Analysis & Development	Abstract Proceedings, Page 63, Volume 1	Web of Science/Google scholar	Print ISBN 978-981-15-6618-9 Online ISBN

		Yeole	and Protective Pads	Practices in Aerospace and Automotive Engineering	February 24-26, 2020	 SPINGER	978-981-15-6619-6
10	1.Ch. Naveen Reddy 2. Ajay Kumar Kaviti	1.Ch. Naveen Reddy 2. M. Bhargav 3. Ajay Kumar Kaviti	Mechanical Characterization of Unidirectional Banana–Glass Fiber-Reinforced Hybrid Composites	Advances in Applied Mechanical Engineering	Volume. 24, Issue 05, Pp 1031-1037 May 2020,	Web Of Science  SPINGER	ISSN: 2195-4356

Faculty Conference Publications
Academic Year: 2018-19

S. No	Name of Faculty	Name of Authors	Title of the Paper/ Book Chapter/Books	Title of the Journal /Title of the Conference/ Title of Books	Volume and Issue No./ Year of Publication/ Dates of the Conference & Page Nos.	Indexing (SCI/SCOPUS/ WoS/UGC/refereed Journals)	ISBN/ISS N of the Journal/ Proceedings
1.	Dr. Satya Prasad Paruchuru	Dr. Satya Prasad Paruchuru	1. Considerations for Bulk-Manufacturing Simulators	ASME International Mechanical Engineering Congress and Exposition 2018	Paper Number: IMECE2018-8899611th to 14th November 2018	SCOPUS/ Web of Science 	ISBN No 978-0-7918-9941-0
2.	Dr. Satya Prasad Paruchuru	Dr. Satya Prasad Paruchuru	2. Analysis Of Precise-Drives for Bio-Instrumentation	ASME International Mechanical Engineering Congress and Exposition 2018	Paper Number: IMECE2018-8899911th to 14th November 2018	SCOPUS/ Web of Science 	ISBN No 978-0-7918-9941-0
3.	Dr. Satya Prasad Paruchuru	Dr. Satya Prasad Paruchuru	3. Unconventional Machining Methods for Bioengineering	ASME International Mechanical Engineering Congress and Exposition 2018	Paper Number: IMECE2018-8901711th to 14th November 2018	SCOPUS/ Web of Science 	ISBN No 978-0-7918-9941-0
4.	Dr. Satya Prasad Paruchuru	Dr. Satya Prasad Paruchuru	4. Manufacturing and	ASME International Mechanical	Paper Number: IMECE2018-8901911th to	SCOPUS/ Web of Science	ISBN No 978-0-7918-9941-0







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	u		maintenance Aspects of Processes Used for Prostheses	Engineering Congress and Exposition2018	14th November 2018		
5.	Dr. Satya Prasad Paruchuru	Dr. Satya Prasad Paruchuru	5. Manufacturing and Continuous-Evaluation of Tissue	ASME International Mechanical Engineering Congress and Exposition2018	Paper Number: IMECE2018-8907811th to 14th November 2018	SCOPUS/ Web of Science 	ISBN No 978-0-7918-9941-0
6.	Dr. Satya Prasad Paruchuru	Dr. Satya Prasad Paruchuru	6. Machining and Bio-machining Considerations	ASME International Mechanical Engineering Congress and Exposition2018	Paper Number: IMECE2018-8907811th to 14th November 2018	SCOPUS/ Web of Science 	ISBN No 978-0-7918-9941-0
7	Dr. B. V. R. Ravi Kumar	B.V.R. Ravi Kumar	Optimization and Influence of Process Parameters of Dissimilar SS3041 – SS430 Joints Produced by Robotic TIG Welding	Recent Advances in Materials, Manufacturing and Energy Systems (ICRAMMES-2019)	03 rd to 04 th January 2019	Recent Advances in Materials, Manufacturing and Energy Systems (ICRAMMES-2019)	(ICRAMMES-2019)
8.	1. C. H. Naveen Reddy 2. J. Suresh Kumar, 3. M. Bhargav	1. Ch. Naveen Reddy 2. J. Suresh Kumar, 3. M. Bhargav	Mechanical And Physical Properties Of Epoxy Based Unidirectional Banana/Glass Fiber Reinforced Hybrid Composites	AIP Conference Proceedings	Number 2057, 11th January 2019, https://doi.org/10.1063/1.5085595	Web of Science/ Scopus 	ISSN 978-0-7354-1785-4

Faculty BOOKS/ BOOK CHAPTERS Publications
Academic Year: 2018-19

S. No	Name of Faculty	Name of Authors	Title of the Paper/ Book Chapter/Books	Title of the Journal /Title of the Conference/ Title of Books	Volume and Issue No./ Year of Publication/ Dates of the Conference & Page Nos.	Indexing (SCI/SCOPUS/ WoS/UGC /refereed Journals)	ISBN/ISSN of the Journal/ Proceedings
1.	Dr. Raghu Babu Gadde	Dr. Raghu Babu Gadde	1.Friction Stir Welding Studies on Aluminum alloy: An Experimental Investigation	LAP LAMBERT Academic Publishing	Pp 51, December 2018	LAP LAMBERT Academic Publishing	NA
2.	Dr. Y Shivraj Narayan	1. S. Anand Kumar 2. Yeole Shivraj Narayan	Tensile Testing and Evaluation of 3D-Printed PLA Specimens as per ASTM D638 Type IV Standard	Innovative Design, Analysis and Development Practices in Aerospace and Automotive Engineering (I-DAD2018)	Volume 02, December 2018, Pp.79-95.	Web of Science  SPINGER	ISBN: 9789811327186(online)9789811327179(print)
3.	Dr. Ajay Kumar Kaviti	1. Anirshu Dev Roy 2. Om Prakash 3. Anil Kumar 4. A. K. Kaviti 5. Anukul Pandey	2.. Design And Selection Criteria Of Biogas Digester	Low Carbon Energy Supply Trends, Technology and Management	Book Chapter 6, July 2018Pp 91-112	Web of Science  SPINGER	ISSN: 1865-3529 ISSN 1865-3537 (electronic) ISBN 978-981-10-7325-0 ISBN 978-981-10-7326-7 (eBook)https://doi.org/10.1007/978-981-10-7326-7



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FACULTY INTERNATIONAL CONFERENCE PUBLICATIONS

Academic Year: 2017-18

S. No	Name of the Faculty	Name of Authors	Title of the Paper/ Book Chapter/Books	Title of the Journal /Title of the Conference/Title of Books	Volume and Issue No./ Year of Publication/ Dates of the Conference & Page Nos.	ISBN/ISSN of the Journal/ Proceedings
1.	1. Dr.Ajay Kumar Kaviti 2. Dr. Kiran Kumar Namala	1.Sravani Koppula, 2. Ajay Kumar, 3. Kiran Kumar Namala.	Experimental Investigation of Fibre Reinforced Composite Materials Under Impact Load.	IOP Conference Series: Materials Science and Engineering SCOPUS	Volume 330, May 2018. DOI:10.1088/1757-899X/330/1/012047	doi:10.1088/1757-899X/330/1/012047 Citations 6
2.	Dr. B. Satyanarayana	1. Dr.B.Satyanarayana 2. .K. Prudhvi, 3. P. RuthvikNithin	3D Printing of Various Components using Custom made 3D Printer	Conference on Contemporary Design Analysis of Manufacturing and Industrial Engineering Systems (CDAMIES-2018), National Institute of Technology, Tiruchirappalli, Tamilnadu	Volume 1,18th to 20th January 2018	CDAMIES-2018
3.	Dr. B.	1.	Development	3rd	Volume	ISBN

	Satyanarayana	Dr.B.Satyanarayana 2. .K. Prudhvi, 3. P. RuthvikNithin	of Hybrid 3D Printer	International Conference on Innovative Design and Development Practices in Aerospace and Automotive Engineering (IDAD 2018) atVelTech RS R&D ISTChennai	1,February 22nd to 24th2018	978-981-13-2697-4
4.	Dr. B. V. R. Ravi Kumar	Dr. B. V. R. Ravi Kuma	Prediction of Surface Roughness in Turning of EN19 Steel using Acoustic Emission	International Conference on Latest Innovations in Materials Engineering & Technology (ICLIET-2018)	15 th to 16 th June 2018. Springer	ISSN: 2394-0697
5.	1. Dr.Ajay Kumar Kaviti 2. Dr. Kiran Kumar Namala	1. Dr. K. Ajay Kumar 2. Dr. N. Kiran Kumar	Evaluation Of Mechanical Properties of Jute-Glass Hybrid Composite Under Impact Load	3rd International Conference on Innovative Design and Development Practices in Aerospace and Automotive Engineering (IDAD 2018) atVelTech RS R&D ISTChennai	Volume 1, February 22nd to 24th2018	ISBN 978-981-13-2697-4
6.	1. S. Bhanu Murthy 2. Dr.G.Raghu Babu	1.S. Bhanu Murthy 2. Dr.G.Raghu Babu	Investigation of Dimensional Accuracy and Material Performance Infused Deposition Modeling	International Conference on Advances in Materials & Manufacturing Applications	Volume 1,17th-18th August 2018	NA
7.	K. Nagendra Babu	Kondru Nagendra Babu	Laminar Stress Analysis Of FRP Composites	International Conference on Composite Materials and Structures-	Volume 1, 27th to 29 thDecem	NA



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FACULTY NATIONAL CONFERENCE PUBLICATIONS Academic Year: 2017-18

S. No	Name of the Faculty	Name of Authors	Title of the Paper/ Book Chapter/Books	Title of the Journal /Title of the Conference/Title of Books	Volume and Issue No./ Year of Publication/ Dates of the Conference & Page Nos.	ISBN/ISSN of the Journal/ Proceedings
1.	Kode Jaya Prakash	1. Kode Jaya Prakash 2. Balla Srinivasa Prasad	Fabrication of Screw Jack using 3D Printing Technology	National Conference on Materials and Manufacturing	Volume 1. 22 nd to 23 rd December 2017	NA
2.	K. Aruna Prabha	1. K. Aruna Prabha, 2. Balla Srinivasa Prasad,	Prototyping of a Bottle Mold using FDM Technique	National Conference on Materials and Manufacturing	Volume 1. 22 nd to 23 rd December 2017	NA
3.	1. K. Krishna Murthy, 2. Dr. G. K. Pujari	1. K. Krishna Murthy, 2. G. K. Pujari	Experimental Investigation on Heat Transfer Enhancement of Three Tube Heat Exchanger using	National Conference on Advances in mechanical Engineering and Nanotechnology	Volume 1, 29th to 30th June 2018	ISSN: 2348-8565

			Aluminum oxide (Al ₂ O ₃) / Water Nano Fluid			
4.	1. K. Krishna Murthy, 2. Dr. G. K. Pujari	1. K. Krishna Murthy, 2.G. K. Pujari	Experimental Investigation on Pyramidal Solar still for Indian Climate	National Conference on Advances in mechanical Engineering and Nanotechnology	Volume 1, 29 th to 30 th June 2018	ISSN : 2348-8565

FACULTY BOOKS/BOOK CHAPTERS PUBLICATIONS

Academic Year: 2017-18

S. No.	Name of the Faculty	Name of Authors	Title of the Paper/ Book Chapter/ Books	Title of the Journal /Title of the Conference /Title of Books	Volume and Issue No./ Year of Publication/ Dates of the Conference & Page Nos.	ISBN/ISSN of the Journal/ Proceedings	S. No.
1.	Dr. Y Shivraj Narayan	1. YeoleShivraj Narayan, 2. NunnaNagabhusana Ramesh 3. BanothBalu Naik, 4. Alluru Ramya	Pulse Parameter Characterization in Microdrilling of Maraging Steel 300Alloy	Characterization of Minerals, Metals, and Materials 2018 BOOK CHAPTER	Volume. 01, January2018, pp 387-398. • DOIhttps://doi.org/10.1007/978-3-319-72484-3_41	Web of Science/ Google Scholar 	ISBN: 978-3-319-72484-3(online)978-3-319-
2.	Dr.Ajay Kumar Kaviti	1. Ajay Kumar Kaviti 2. Harsh Deep	Thermal Energy Storage in Solar Dryer	Part of the Green Energy and Technology book series (GREEN)	Solar Drying Technology, 30 th August 2017,pp 603-617 DOI:10.1007/978-981-10-3833-4_22	Web of Science/ Google Scholar 	ISBN: 978-981-10-3833-4_22



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FACULTY INTERNATIONAL CONFERENCE PUBLICATIONS

Academic Year: 2016-17

2016-17				
S. NO.	TITLE OF THE PAPER	NAME OF THE FACULTY	NAME OF CONFERENCE	DETAILS
1	Experimental Investigation on Heat Distribution for Condition Monitoring of a Turning process using Infrared Thermography Techniques	K. Aruna Prabha	Proceedings of International Conference on "CONDITION MONITORING", at GITAM, VIZAG	pp 291-300, 26 th to 27 th October 2016.
2	Optimized Aerofoil Profile of Vertical Axis Wind Turbine	Ajay Kumar Kaviti	International Conference on Recent Trends in Engineering, Science and	Volume 3, 25 th to 27 th October 2016, pp 35-41
3	Analytical Review on MHD Power Generation Trends	Dr. Kiran Kumar Namala	International Conference on Recent Trends in Engineering , Science & technology ICRTEST-2016	Volume 1, 27th October 2016, EP-072
4	A Conceptual Design, Fabrication and Analysis of Rocket Motor Casing	Dr. G. S. Gupta	International Conference on Advances in Material and Manufacturing	Volume 1, 10 th to 11 th October 2016, pp 243-249.
5	Experimental Investigation On Bolted Joints For Rocket Motor	K. Nagendra Babu	International Conference On Recent Innovations In Civil & Mechanical Engineering [I-Cam2k16]	Volume 1, 11 th to 13 th November 2016
6	Standardization Aspects of	Dr. P. S. Prasad	International Mechanical Engineering Congress,	Paper Number: IMECE2016-

	Specimens for Fracture Toughness testing of Bone and Biomaterials		ASME, USA.	6535 11 th to 16 th November 2016 ISBN No 978-0-7918-5065-7-17 ISBN No 978-0-7918-9941-0 99410
7	Standardization Aspects of Indentation and Scratch Tests for the Bone at Multiple Scales	Dr. P. S. Prasad	International Mechanical Engineering Congress, ASME, USA.	Paper Number: IMECE2016-6535 11 th to 16 th November 2016 ISBN No 978-0-7918-5065-7
8	Design Aspects of a Physical Simulator for Xastings	Dr. P. S. Prasad	International Mechanical Engineering Congress, ASME, USA.	Paper Number: IMECE2016-6535 11 th to 16 th November 2016 ISBN No 978-0-7918-5065-7
9	Design Aspects of a Metallurgical Simulator and a Bioreactor	Dr. P. S. Prasad	International Mechanical Engineering Congress, ASME, USA.	Paper Number: IMECE2016-6535 11 th to 16 th November 2016 ISBN No 978-0-7918-5065-7
10	A Study on the Generation of Power Using Tidal Energy	Dr. P. S. Prasad	International Mechanical Engineering Congress, ASME, USA.	Paper Number: IMECE2016-6535 11 th to 16 th November 2016 ISBN No 978-0-7918-5065-7
11	Design, Modeling Fabrication of a Screw Jack using 3D Printing Technology	Dr. B. Satyanarayana	International Conference on Advances in Materials and Manufacturing (ICAMM-2016)	8 th to 10 th December 2016
12	Predicton of Hydrodynamic Behaviour of an External Air-Lift Loop with Middle Riser Using Homogenous Equilibrium	G.K. Pujari	6th International Conference and 43rd National Conference on Fluid Mechanics and Fluid Power	Volume 1, Paper No 422, 11 th to 13 th December 2016 ISBN No 978-93-5267-408-4



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	Model			
13	Experimental Investigations on Hydrodynamic Behaviour of an External Air-lift Loop with Middle Riser	G.K. Pujari	6th International Conference and 43rd National Conference on Fluid Mechanics and Fluid Power	Volume 1, Paper No 369, 11 th to 13 th December 2016. ISBN No 978-93-5267-408-4
14	Relative Studies on ASTM D638 Type-IV Specimens 3D Printed using ABS Material	Y. Shivraj Narayan	6th International & 27th All India Manufacturing Technology, Design and Research Conference, (AIMTDR-2016) College of Engineering, Pune, Maharashtra, INDIA	Volume 1, 16 th to 18 th December 2016, pp 131-134. ISBN: 978-93-86256-27-0
15	Modelling and Simulation of a Gear Housing Pattern made of ABS Material for FDM Based 3D Printing	Y. Shivraj Narayan	Abstract Proceedings of International Conference on Design and Manufacturing, (IConDM 2016), Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram, Chennai, Tamil Nadu, INDIAN,	Volume 1, 16 th to 17 th December 2016 pp 94.
16	Friction Stir Welding : Process and its Variable – A Review	M. S. Srinivasa Rao	9th International Conference on Recent Innovations in Science , Engineering and Management	pp 118-122, 26 th -29 th January 2017

FACULTY BOOKS/BOOK CHAPTERS PUBLICATIONS

Academic Year: 2016-17

S. NO	TITLE OF THE PAPER	NAME OF THE FACULTY	DETAILS
1. Experimental Investigations on Machinability Parameters of	Book : LAMBERT Academic Publishing, West	Dr. B. Satyanarayana	July 2016, pp 91. ISBN-

Inconel 718	Germany BOOK		13:978- 36599133 89
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FACULTY INTERNATIONAL CONFERENCE PUBLICATIONS

Academic Year: 2015-16

2015-16				
S. NO.	TITLE OF THE PAPER	NAME OF THE FACULTY	NAME OF CONFERENCE	DETAILS
1	Parametric Modeling and Dynamic Characterization of Steam Turbine Blade Test Rig	Dr. B. Satyanarayana	International Conference on Emerging Trends in Science Technology Engineering and Management (ICETSTEM-2015)	9 th to 10 th October 2015
2	Realization of Surface Morphology And Process Parameter Optimization In Micro EDM Hole Drilling Of Maraging Steel 300 Alloy	Y. Shivraj Narayan	ASME International Mechanical Engineering Congress & Exposition (IMECE 2015), Houston, Texas, USA	Volume 2A-2015; 10.1115/IMECE 2015-53537, November 13 th to 19 th , 2015, pp.1-10. ISBN No: 978-0-7918-5734-2
3	Development of an Automatic Monitoring & Control System for the Objects on the Conveyor Belt	Dr. Y. Shivraj Narayan	IEEE International Conference on Man and Machine Interface MAMI 2015, CVRCE Bhubaneswar	10.1109/MAMI. 2015.7456594, December 17 th to 19 th , 2015 pp. 1-6 ISBN Number 978-1-5090-0225-2
4	Modeling of Human Humerus Bone for 3D Printing	Y. Shivraj Narayan	COPEN 9 International Conference on Precision, Meso, Micro and Nano Engineering, IIT Bombay	Volume 1, December 10 th -12 th , 2015, pp.1-5
5	Additive manufacturing of walking Robot using 3D printer.	K. Jaya Prakash	International conference on Emerging Trends in Mechanical Sciences (ICEMS-2015).	Volume 1 18 th to 19 th December 2015



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6	An Experimental Study on Friction Stir Welding of AA5083 and AA6063 Aluminium Alloys- A Review	Dr. M. V. R. Durga Prasad	Proceeding of the International Conference on Mechanical, Civil, Electronics & Communication and Computer Science	23 rd March 2016 ISBN: 978-93-859733-77-2.
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FACULTY NATIONAL CONFERENCE PUBLICATIONS

Academic Year: 2015-16

S. NO	TITLE OF THE PAPER	NAME OF THE AUTHORS	NAME OF THE CONFERENCE	DETAILS
1	Assessment of RP Technologies for Metal Casting and its Applications	Y. Shivraj Narayan	National Conference on Innovative Trends in Mechanical & Automobile Engineering 2016, MVSREC Hyderabad	Volume 1, 11 th to 12 th February 2016, pp 52-54.
2	Design and Development of a Quadcopter for Surveillance	Y. Shivraj Narayan	National Conference on Innovative Trends in Mechanical & Automobile Engineering 2016, MVSREC Hyderabad	Volume 1, 11 th to 12 th February 2016, pp 5-11
3	Design, Fabrication and Thermal analysis of alternative Aluminum Alloys 5086 and 6016 using For Cylinder Blocks.	D. Sarath Chandra	Indian Conference on Applied Mechanics (INCAM).	Paper ID: 45, July 2015 pp 325.
4.	Design and Development of a Pick and Place Robot in a Library	Dr. Raghu Babu Gadde	National Conference on Advancements and Innovations in Engineering, Technology & Management (AIETM-2015)	5 th November 2015

FACULTY BOOKS/BOOK CHAPTERS PUBLICATIONS

Academic Year: 2015-16

S. NO	TITLE OF THE PAPER	NAME OF THE FACULTY	DETAILS
1. Optimization of Controllable Turning Parameters for HSM of Inconel 718	Book : LAMBERT Academic Publishing, West Germany BOOK	Dr. B. Satyanarayana	June 2016, pp 113. ISBN-13: 978-3-659-88251-7

FACULTY INTERNATIONAL CONFERENCE PUBLICATIONS

Academic Year: 2014-15

2014-2015				
S. NO	TITLE OF THE PAPER	NAME OF THE AUTHORS	NAME OF CONFERENCE	DETAILS
1	Experimental Studies on Hydrodynamic Behaviour of an Air Lift Loop.	G.K.Pujari, Dr. N.M. Rao, Dr. A.V.S.S.K. Gupta, B.B. Mallikarjuna.	International Conference on Theoretical and Applied Research in Mechanical Engineering (ICTARME).	In Bangalore, Pp 148-151, On 27 th July 2014.
2	Simultaneous Optimization of CNC WEDM process parameters for machining INCONEL 718 using Taguchi Grey Relational Analysis (TGRA).	B. Satyanarayana, G. Srikar.	9 th International Conference on Electrical, Electronics, Computer Science, Management and Mechanical Engineering (ICE2CSM2E-2014).	In Bangalore, Pp 93-99, On 27 th July 2014.
3	Optimization of Abrasive Water Jet Machining Process Parameters using Taguchi GREY Relational Analysis (TGRA).	B. Satyanarayana G. Srikar.	International conference on Research and Development in Engineering & Technology(ICRDET) On 20 th July 2014.	In Pune India On 20 th July 2014.
4	Component	B. Satyanarayana,	2 nd International Conference	At Hyderabad,



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	replication using 3D printing Technology.	K. Jaya Prakash.	on Nano-Materials & Technologies (CNT-2014).	India , On 17 th to 18 th October 2014.
5	Experimental Studies on Two Phase Flow void Fraction measurement on Air Lift Loop with Multi Riser.	G. K. Pujari, N.M. Rao, A.V.S.S.K. Gupta B. B. Mallikarjuna.	2 nd International Conference on Nano-Materials & Technologies (CNT-2014).	At Hyderabad, India , On 17 th to 18 th October 2014.
6	To Investigate the Effect of Process Parameters on Surface Roughness of Nimonic 80A in Dry Machining with CBN Cutting Tool Using ANN Approach.	Dr. M. V. R. Durga Prasad, B. Sai Chandra.	International Conference on Advances in Design & Manufacturing (iCAD&M'14) ISBN 978-93-84743-12-3.	At NIT Trichy, Volume III, Pp: 1529-1535, On 5 th to 7 th December, 2014.
7	Multi-Response Optimization of WEDM Process using TGRA & PCA.	Dr. B. Satyanarayana, G. Srikar.	International Conference on Advances in Design & Manufacturing (iCAD&M'14).	At NIT Trichy, Volume III, Pp: 1529-1535, On 5 th to 7 th December, 2014.
8	Fused Deposition Modeling – Insights	P. ChennakesavaSai, Y. Shivraj Narayan.	International Conference on Advances in Design & Manufacturing (iCAD&M'14) .	At NIT Trichy, Volume III, Pp: 1345-1390, On 5 th to 7 th December, 2014.
9	Experimental Study of Mechanical Properties of 5083 Aluminum Alloy using Gas Tungsten Arc Welding.	Dr. B. V. R. Ravi Kumar, M. Srivatsava.	International Conference on Advanced Materials and Manufacturing Technologies (AMMT) at JNTU College of Engineering Hyderabad, ISBN 978-93-84743-12-3.	At JNTU College of Engineering Hyderabad, Volume I, Pp. 95-103, On 18 th to 20 th December, 2014.

10	Micro-Hardness and Mechanical Properties of 5052 Aluminum Alloy Weldments using Pulsed and Non – Pulsed Current Gas Tungsten Arc Welding.	A. Raveendra , Dr. B. V. R. Ravi Kumar.	International Conference on Advanced Materials and Manufacturing Technologies (AMMT) at JNTU College of Engineering Hyderabad, ISBN 978-93-82163-46-6.	At JNTU College of Engineering Hyderabad, Volume I, Pp. 104-112, On 18 th to 20 th December, 2014.
11	AWJM Process Optimization using Principle Component Analysis (PCA).	Dr. B. Satyanarayana, G. Srikar.	International Conference on Advanced Materials and Manufacturing Technologies (AMMT).	At JNTU College of Engineering Hyderabad. Volume I, Pp 265-275, On 18 th to 20 th December, 2014.
12	Sensitivity Analysis of Process Parameters on Surface Roughness of Nimonic 80A, dry Machined using CBN Cutting Tool.	Dr. M. V. R. Durga Prasad, B. Sai Chandra.	International Conference on Emerging Technologies in Mechanical Sciences (ICEMS-2014).	At Malla Reddy College of Engineering & Technology, Hyderabad. ISBN : 978 93 83 038 28 2, Volume I, Pp : 147-151, On 26 th to 27 th December, 2014.
13	Experimental Investigations on Residual Stress and Surface Roughness in dry Turning of INCONEL 718.	Dr. B. Satyanarayana.	International Conference on Emerging Technologies in Mechanical Sciences (ICEMS-2014).	At Malla Reddy College of Engineering & Technology, Hyderabad. ISBN : 978 93 83 038 28 2, Volume I, Pp : 147-151, On 26 th to 27 th December, 2014.
14	Two Phase flow Pressure Drop Measurement on Air lift loop	G. K. Pujari, Dr. N. M. Rao, Dr. A. V. S. S. K. Gupta, B. B. Mallikarjuna	59th International Conference of Indian Society of Theoretical and Applied Mathematics (ISTAM).	IIT, Kharagpur FM : 7 On 17 th to 20 th December, 2014.
15	An Overview of Additive Manufacturing	Y. Shivraj Narayan, Dr. M. V. R. Durga Prasad,	International Conference on Additive Manufacturing & 3D Printing.	At Hotel Hilton Chennai organized by Vel



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	and its Application in Surgical Implants	P. ChennakesavaSai.		Tech University Chennai and ESCI at Hyderabad Volume 1, Pp 42, On 6 th & 7 th February 2015.
16	Experimental Investigation on Enhancement of Properties in Ablative Liner	Dr. G. S. Gupta P. N.V. Harinath	International Conference, GRIT, Hyderabad 14th & 15th March 2015	At GRIET, Hyderabad On14 th & 15 th March 2015.
17	Simultaneous optimization of multi performance characteristics in dry turning of inconel 718 using NSGA-II	Dr. B. Satyanaryana, G. Siva GiridharYadav, P. RuthvikNithin, M. Dileep Reddy.	International Conference, GRIET, Hyderabad 14th & 15th March 2015	At GRIET, Hyderabad On14 th & 15 th March 2015.
18	Free Energy Formulations and Estimation of Structural Parameters for a Model Binary Alloy System using the Cluster Variation Method	P. Kezia, Dr. G. S. Gupta	International Conference IRAJ research Forum – ICCSME – CHENNAI , ISBN : 978-93-84209-01-8.	Proceedings of 20th – IRF, Pp 27-30, On 1 st March 2015.
19	Design of AGV with Mobile Communication	M. RukminiSaiRupa Sri, Y. Shivraj Narayan , K. Lokender	22nd IRF International Conference, Pune, ISBN : 978-93-82702-81-8.	At Proceedings of 22nd IRF, Pp: 117-121, On 22 nd March 2015.
20	Influences of tool pin Profiles and Parameters on	B.L.N. Krishna Sai, Dr. B.V.R. Ravi Kumar.	International Conference on Emerging Trends in Engineering & Technology	At Hyderabad 12 th April 2015

	Mechanical Properties & Joint efficiency of AA5083 & AA6082 Joints Produced by Friction Stir Welding.			
21	Design and Fabrication of Automatic Monitoring And Control System for the objects on the Conveyor belt.	DSV Siva Vardhan, M. Kranthi	5th International Conference on Progress in Production, Mechanical and Automobile Engg.	At (ICPMAE-2015),Chennai, On 19 th April2015.

FACULTY NATIONAL CONFERENCE PUBLICATIONS

Academic Year: 2014-15

S. NO	TITLE OF THE PAPER	NAME OF THE AUTHORS	NAME OF THE CONFERENCE	DETAILS
1	Design and Development of Control Unit of an Automated Guided Vehicle.	M R S Rupasri, Y. Shivraj Narayan, J Abhilash.	2 day National conference on Recent Innovations in Mechanical Engineering (RIME-2014).	At MVSR Engineering College , Hyderabad. Volume 1,Pp 240-247 On 21 st & 22 nd November, 2014.
2	Productivity Improvement in Hydraulic Pump Manufacturing Unit.	Y. Shivraj Narayan, M Chaitanya.	2 day National Conference on Recent Innovations in Mechanical Engineering (RIME-2014).	At MVSR Engineering College , Hyderabad. Volume 1, Pp 267-275, On 21 st & 22 nd November, 2014.
3	Modeling and Analysis of Turbine Blade.	P. Kezia , V. RatnaKiran.	2 day National conference on Recent Innovations in Mechanical Engineering (RIME-2014).	At MVSR Engineering College, Hyderabad. Volume 1, Pp 110-117, On 21 st & 22 nd November, 2014.
4	Productivity Improvement through Optimization of Layout using Flexsim Software.	U. Sravan Kumar, Y. Shivraj Narayan.	5th National Conference on Advances in Mechanical Engineering (AIM 2015).	At Vasavi College of Engineering Hyderabad ISBN : 978-93-82570-59-2, Proceedings of 5th National Conference on AIM 2015.



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5	A review on Friction stir welding of dissimilar AA5083 & AA6082 Aluminium Alloy.	B.L.N. Krishna Sai, B.V.R. Ravi Kumar.	National Conference on fast Emerging Trends in Engineering and Technology	At Bharat Institute of Engineering & Technology Hyderabad 25 th to 26 th March 2015.
6	Hydraulic System for Traction Elevators-A design approach.	SeshasreeHarikaPr atapa, J. Peter Jones.	Proceeding of the 5th National Conference on advances in Mechanical Engineering(AIM2015)	At Vasavi College of Engineering(Autonomous) Pp 26-29 Hyderabad-TS, On 12 th May 2015
7	A review on Friction stir welding of dissimilar AA5083 & AA6082 Aluminium Alloy	B.L.N. Krishna Sai, B.V.R. Ravi Kumar.	National Conference on fast Emerging Trends in Engineering and Technology	At Bharat Institute of Engineering & Technology Hyderabad 25 th to 26 th March 2015.

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Academic Year: 2013-14

2013-2014				
S. NO	TITLE OF THE PAPER	NAME OF THE AUTHORS	DETAILS	IMPACT FACTOR/ DOI
1	Investigating the Effect of Machining Parameters on Micro Drilling of Titanium Grade 19 Alloy.	ShivrajYeole, Dr. N.N. Ramesh, Dr. N. BaluNaik.	ASME 2013, International Mechanical Engineering Congress &Exposition, ISBN: 978-7918-5619-2.	At San Diego, USA.Volume 2B November 15 th -21 st 2013.
2	Study Of The	M. V. R. D. Prasad,	International Conference on	At Chennai, India

Influence Of Process Parameters On Surface Roughness When Inconel 718 Is Dry Turned Using CBN Cutting Tool-By Artificial Neural Network Approach.	Yelamanchili Sravya, Karri Sai Tejaswi.	Mechanical Engineering.	March 17 th -18 th 2014.
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FACULTY NATIONAL CONFERENCE PUBLICATIONS

Academic Year: 2013-14

S. NO	TITLE OF THE PAPER	NAME OF THE AUTHORS	NAME OF THE CONFERENCE	DETAILS
1	Experimental Investigations on Welding characteristics of Similar Metal Weldments and Dissimilar Metal Weldments , using Gas Tungsten Arc Welding.	A. Raveedra, Dr. B.V.R. Ravi Kumar.	Conference on Role of Civil and Mechanical Engineers in Development of Society(RCMS).	At MREC Hyderabad. On 20 th and 21 st September 2013.
2	Numerical Aero Dynamic Simulation of Missile.	P. N. V. Harinath, G. Srinivas Gupta.	National Conference on Recent Advancements in Mechanical Engineering.	At Nirjuli, Nerist , Arunachal Pradesh – 791109 Conference Proceedings. Pp 204-210, November 2013.
3	Application of Robots in Radioactive Environment : A Review.	Y. Shivraj Narayan, M. Chaitanya.	National Conference on Robotics, Automation & Mechatronics 2014 ISBN: 978-93-83635-01-6.	At JNTU Hyderabad. March 12 th & 13 th , 2014.
4	A Review on Quality Characteristics of Phenolic Laminate For Application Of Jet Deflector.	P.N.V. Harinath, G. Durga Prasad, Dr. G. S. Gupta	Conference on Recent Innovation in Mechanical Engineering 2014. ISBN: 9789383038138.	At CMR Technical Campus Hyderabad, Pp: 14-19, March 21 st , 2014.



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5	An Over View Of Supply Chain Management (SCM) And Increasing Role Of Information Technology In Managing The Supply Chain And Logistics.	K.VenkateswaraRaju, Dr. S.V.S.S.SrinivasaRaju.	National Conference on “Emerging Issues and Challenges in Supply Chain Management” organized by the Department of Operations and Supply Chain Management, Hyderabad Business School.	At GITAM University, Hyderabad on 21 st March 2014.
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FACULTY INTERNATIONAL CONFERENCE PUBLICATIONS

Academic Year: 2012-13

2012-13				
S. NO.	TITLE OF THE PAPER	NAME OF THE AUTHORS	NAME OF CONFERENCE	DETAILS
1	Comparative Estimates of Uncertainty in Measures of Fracture Toughness.	Dr. S.P.Paruchuru, V. U. Kumar.	Third Symposium on Fatigue and Fracture of Metallic Medical Materials and Devices.	Fracture Mechanics Applied to Metallic Medical Materials and Devices ASTM International, ATLANTA ,GA, USA 14 th November, 2012.
2	Modeling of Optimization of Cutting Parameters in HighSpeed Dry Machining of Inconel 718 Alloy using ANN and GA.	B. Satyanarayana, Dr. G. RangaJanardhana, B. Hanumanthrao, R. Prashanth, S.V. Adithya.	4 th International Conference & 25 th All India Manufacturing Technology Design & Research Conference (AIMTDR2012).	At Jadavpur University in Kolkata on 14 th – 16 th December, 2012.
3	Effect of Process Parameters on Tool Wear in Micro Drilling of Maraging Steel 300 Alloy.	Y. Shivraj Narayan, Dr. N.N. Ramesh, Dr. B. BaluNaik.	4 th International Conference & 25 th All India Manufacturing Technology Design & Research Conference (AIMTDR2012).	At Jadavpur University in Kolkata on 14 th – 16 th December, 2012.

4	Supply Chain Management Simulation and Dynamics of Iron Foundry.	S. Shyam Sunder Rao, Dr. K. Vizayakumar.	International Conference on Agile Manufacturing.	At IIT BHU in Varanasi in December 2012.
5	Comparative Study on Welding Characteristics of EN8& EN31 Alloy Steel Weldments using GTAW.	A. Raveendra, Dr. B.V.R. Ravi Kumar.	International Conference on Advancement in Engineering and Management.	At RITS ICAME-2013 at Hyderabad. 27 th - 28 th February, 2013.
6	Characteristics of Force Feed on Stability in Various Turning Processes.	Dr. B.V.R.Ravikumar, B. TulasiramaRao, K. Srivinivs, P. Ramireddy, A. Raveendra.	International Conference on Advancement in Engineering and Management.	At RITS ICAME-2013 at Hyderabad. 27 th - 28 th February, 2013.
7	Experimental Investigation of Mechanical Behavior of Glass Epoxy Composites.	T. Prasad, Dr. A. ChennaKesava Reddy, Dr. S. Madhava Reddy, N. Arjun.	International Conference on Advances in Manufacturing Engineering.	At National Engineering college, Kovilpatti, Chennai, Volume 1, Pp 47, March 2013.
8	Inbound Supply Chain Management Of An Iron Foundry, System Dynamic Approach.	S. Shyam Sunder Rao, Dr. K. Vizaya Kumar.	International Conference on Sustainable manufacturing and Operations Management.	At University of Mauritius and Global Institutes, Mauritius. Volume 1, Pp-44, 26 th to 28 th June 2013.

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S. NO	TITLE OF THE PAPER	NAME OF THE AUTHORS	NAME OF THE CONFERENCE	DETAILS
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1.	Study on Mechanical Behavior of Glass Epoxy Composites.	T. Prasad, N. Arjun, S. Madhav Reddy.	National Conference in Advanced Manufacturing and Renewable Energy Sources.	At CBIT Hyderabad in January 2013 Pp No 67.
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