

**Department of Mechanical Engineering**

**VNR VJIET**

**Number of Publications in National and International Conferences**

SNO	INTERNATIONAL CONFERENCES	NATIONAL CONFERENCES	Books and Book chapters
2012-13	8	1	--
2013-14	2	5	--
2014-15	21	7	--
2015-16	6	4	1
2016-17	16	---	2
2017-18	9	2	2
2018-19	12	---	3
2019-20	4	----	7
2020-21	15	---	10
<b>Total</b>	<b>93</b>	<b>19</b>	<b>25</b>

**Year-wise Papers Presented in International Conference**

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.	<b>Dr. S.P.Paruchuru,</b> 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 <sup>th</sup> November, 2012.
2	Modeling of Optimization of Cutting Parameters in HighSpeed Dry Machining of Inconel 718 Alloy using ANN and GA.	<b>B. Satyanarayana,</b> Dr. G. RangaJanardhana, B. Hanumanthrao, R. Prashanth, S.V. Adithya.	4 <sup>th</sup> International Conference & 25 <sup>th</sup> All India Manufacturing Technology Design & Research Conference (AIMTDR2012).	At Jadavpur University in Kolkata on 14 <sup>th</sup> –16 <sup>th</sup> December, 2012.

3	Effect of Process Parameters on Tool Wear in Micro Drilling of Maraging Steel 300 Alloy.	<b>Y. Shivraj Narayan,</b> Dr. N.N. Ramesh, Dr. B. BaluNaik.	4 <sup>th</sup> International Conference & 25 <sup>th</sup> All India Manufacturing Technology Design & Research Conference (AIMTDR2012).	At Jadavpur University in Kolkata on 14 <sup>th</sup> – 16 <sup>th</sup> December, 2012.
4	Supply Chain Management Simulation and Dynamics of Iron Foundry.	<b>S. Shyam Sunder Rao,</b> 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, <b>Dr. B.V.R. Ravi Kumar.</b>	International Conference on Advancement in Engineering and Management.	At RITS ICAME-2013 at Hyderabad. 27 <sup>th</sup> - 28 <sup>th</sup> February, 2013.
6	Characteristics of Force Feed on Stability in Various Turning Processes.	<b>Dr. B.V.R.Ravikumar,</b> B. TulasiramaRao, K. Sriviniivs, P. Ramireddy, A. Raveendra.	International Conference on Advancement in Engineering and Management.	At RITS ICAME-2013 at Hyderabad. 27 <sup>th</sup> - 28 <sup>th</sup> February, 2013.
7	Experimental Investigation of Mechanical Behavior of Glass Epoxy Composites.	<b>T. Prasad,</b> 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	<b>S. Shyam Sunder Rao,</b> Dr. K. Vizaya Kumar.	International Conference on Sustainable	At University of Mauritius and

	Of An Iron Foundry, System Dynamic Approach.		manufacturing and Operations Management.	Global Institutes, Mauritius. Volume 1, Pp-44, 26 <sup>th</sup> to 28 <sup>th</sup> June 2013.
<b>2013-2014</b>				
<b>S. NO</b>	<b>TITLE OF THE PAPER</b>	<b>NAME OF THE AUTHORS</b>	<b>DETAILS</b>	<b>IMPACT FACTOR/ DOI</b>
1	Investigating the Effect of Machining Parameters on Micro Drilling of Titanium Grade 19 Alloy.	<b>ShivrajYeole,</b> 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 <sup>th</sup> -21 <sup>st</sup> 2013.
2	Study Of The Influence Of Process Parameters On Surface Roughness When Inconel 718 Is Dry Turned Using CBN Cutting Tool-By Artificial Neural Network Approach.	<b>M. V. R. D. Prasad,</b> Yelamanchili Sravya, Karri Sai Tejaswi.	International Conference on Mechanical Engineering.	At Chennai, India March 17 <sup>th</sup> -18 <sup>th</sup> 2014.
<b>2014-2015</b>				
<b>S. NO</b>	<b>TITLE OF THE PAPER</b>	<b>NAME OF THE AUTHORS</b>	<b>DETAILS</b>	<b>IMPACT FACTOR/ DOI</b>
1	Experimental Studies on Hydrodynamic Behaviour of an Air Lift Loop.	<b>G.K.Pujari,</b> Dr. N.M. Rao, Dr. A.V.S.S.K. Gupta, <b>B.B. Mallikarjuna.</b>	International Conference on Theoretical and Applied Research in Mechanical Engineering (ICTARME).	In Bangalore, Pp 148-151, On 27 <sup>th</sup> July 2014.
2	Simultaneous Optimization of CNC WEDM process parameters for machining	<b>B. Satyanarayana,</b> G. Srikar.	9 <sup>th</sup> International Conference on Electrical, Electronics, Computer Science, Management and Mechanical Engineering (ICE2CSM2E-2014).	In Bangalore, Pp 93-99, On 27 <sup>th</sup> July 2014.

	INCONEL 718 using Taguchi Grey Relational Analysis (TGRA).			
3	Optimization of Abrasive Water Jet Machining Process Parameters using Taguchi GREY Relational Analysis (TGRA).	<b>B. Satyanarayana</b> G. Srikar.	International conference on Research and Development in Engineering & Technology(ICRDET) On 20 <sup>th</sup> July 2014.	In Pune India On 20 <sup>th</sup> July 2014.
4	Component replication using 3D printing Technology.	<b>B. Satyanarayana,</b> <b>K. Jaya Prakash.</b>	2 <sup>nd</sup> International Conference on Nano-Materials & Technologies (CNT-2014).	At Hyderabad, India , On 17 <sup>th</sup> to 18 <sup>th</sup> October 2014.
5	Experimental Studies on Two Phase Flow void Fraction measurement on Air Lift Loop with Multi Riser.	<b>G. K. Pujari,</b> N.M. Rao, A.V.S.S.K. Gupta <b>B. B. Mallikarjuna.</b>	2 <sup>nd</sup> International Conference on Nano-Materials & Technologies (CNT-2014).	At Hyderabad, India , On 17 <sup>th</sup> to 18 <sup>th</sup> 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.	<b>Dr. M. V. R. Durga Prasad,</b> 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 <sup>th</sup> to 7 <sup>th</sup> December, 2014.
7	Multi-Response Optimization of WEDM Process using TGRA &PCA.	<b>Dr. B. Satyanarayana,</b> G. Srikar.	International Conference on Advances in Design & Manufacturing (iCAD&M'14).	At NIT Trichy, Volume III, Pp: 1529-1535, On 5 <sup>th</sup> to 7 <sup>th</sup> December, 2014.

8	Fused Deposition Modeling – Insights	P. ChennakesavaSai, <b>Y. Shivraj Narayan.</b>	International Conference on Advances in Design & Manufacturing (iCAD&M' 14) .	At NIT Trichy, Volume III, Pp: 1345-1390, On 5 <sup>th</sup> to 7 <sup>th</sup> December, 2014.
9	Experimental Study of Mechanical Properties of 5083 Aluminum Alloy using Gas Tungsten Arc Welding.	<b>Dr. B. V. R. Ravi Kumar,</b> 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 <sup>th</sup> to 20 <sup>th</sup> 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 , <b>Dr. B. V. R. Ravi Kumar.</b>	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 <sup>th</sup> to 20 <sup>th</sup> December, 2014.
11	AWJM Process Optimization using Principle Component Analysis (PCA).	<b>Dr. B. Satyanarayana,</b> G. Srikar.	International Conference on Advanced Materials and Manufacturing Technologies (AMMT).	At JNTU College of Engineering Hyderabad. Volume I, Pp 265-275, On 18 <sup>th</sup> to 20 <sup>th</sup> December, 2014.
12	Sensitivity Analysis of Process Parameters on Surface Roughness of Nimonic 80A, dry Machined using CBN Cutting Tool.	<b>Dr. M. V. R. Durga Prasad,</b> 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 <sup>th</sup> to 27 <sup>th</sup> December, 2014.
13	Experimental Investigations on Residual Stress and	<b>Dr. B. Satyanarayana.</b>	International Conference on Emerging Technologies in Mechanical Sciences (ICEMS-2014).	At Malla Reddy College of Engineering

	Surface Roughness in dry Turning of INCONEL 718.			&Technology, Hyderabad. ISBN : 978 93 83 038 28 2, Volume I, Pp : 147-151, On 26 <sup>th</sup> to 27 <sup>th</sup> December, 2014.
14	Two Phase flow Pressure Drop Measurement on Air lift loop	<b>G. K. Pujari,</b> Dr. N. M. Rao, Dr. A. V. S. S. K. Gupta, <b>B. B. Mallikarjuna</b>	59th International Conference of Indian Society of Theoretical and Applied Mathematics(ISTAM).	IIT, Kharagpur FM : 7 On 17 <sup>th</sup> to 20 <sup>th</sup> December, 2014.
15	An Overview of Additive Manufacturing and its Application in Surgical Implants	<b>Y. Shivraj Narayan,</b> <b>Dr. M. V. R. Durga Prasad,</b> P. ChennakesavaSai.	International Conference on Additive Manufacturing & 3D Printing.	At Hotel Hilton Chennai organized by Vel Tech University Chennai and ESCI at Hyderabad Volume 1, Pp 42, On 6 <sup>th</sup> & 7 <sup>th</sup> February 2015.
16	Experimental Investigation on Enhancement of Properties in Ablative Liner	<b>Dr. G. S. Gupta</b> P. N.V. Harinath	International Conference, GRIT, Hyderabad 14th & 15th March 2015	At GRIET, Hyderabad On14 <sup>th</sup> & 15 <sup>th</sup> March 2015.
17	Simultaneous optimization of multi performance characteristics in dry turning of inconel 718 using NSGA-II	<b>Dr. B. Satyanaryana,</b> G. Siva GiridharYadav, P. RuthvikNithin, M. Dileep Reddy.	International Conference, GRIET, Hyderabad 14th & 15th March 2015	At GRIET, Hyderabad On14 <sup>th</sup> & 15 <sup>th</sup> March 2015.
18	Free Energy Formulations and Estimation of Structural Parameters for a Model Binary Alloy System using the Cluster	P. Kezia, <b>Dr. G. S. Gupta</b>	International Conference IRAJ research Forum – ICCSME – CHENNAI , ISBN : 978-93-84209-01-8.	Proceedings of 20th – IRF, Pp 27-30, On 1 <sup>st</sup> March 2015.

	Variation Method			
19	Design of AGV with Mobile Communication	M. RukminiSaiRupa Sri, <b>Y. Shivraj Narayan</b> , K. Lokender	22nd IRF International Conference, Pune, ISBN : 978-93-82702-81-8.	At Proceedings of 22nd IRF, Pp: 117-121, On 22 <sup>nd</sup> March 2015.
20	Influences of tool pin Profiles and Parameters on Mechanical Properties & Joint efficiency of AA5083 & AA6082 Joints Produced by Friction Stir Welding.	B.L.N. Krishna Sai, <b>Dr. B.V.R. Ravi Kumar.</b>	International Conference on Emerging Trends in Engineering & Technology	At Hyderabad 12 <sup>th</sup> April 2015
21	Design and Fabrication of Automatic Monitoring And Control System for the objects on the Conveyor belt.	DSV Siva Vardhan, <b>M. Kranthi</b>	5th International Conference on Progress in Production, Mechanical and Automobile Engg.	At (ICPMAE-2015),Chennai, On 19 <sup>th</sup> April2015.

**2015-16**

<b>S. NO.</b>	<b>TITLE OF THE PAPER</b>	<b>NAME OF THE FACULTY</b>	<b>NAME OF CONFERENCE</b>	<b>DETAILS</b>
1	Parametric Modeling and Dynamic Characterization of Steam Turbine Blade Test Rig	<b>Dr. B. Satyanarayana</b>	International Conference on Emerging Trends in Science Technology Engineering and Management (ICETSTEM-2015)	9 <sup>th</sup> to 10 <sup>th</sup> October 2015
2	Realization of Surface Morphology	<b>Y. Shivraj Narayan</b>	ASME International Mechanical Engineering Congress &	Volume 2A-2015; 10.1115/IMECE20

	And Process Parameter Optimization In Micro EDM Hole Drilling Of Maraging Steel 300 Alloy		Exposition (IMECE 2015), Houston, Texas, USA	15-53537, November 13 <sup>th</sup> to 19 <sup>th</sup> , 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	<b>Dr. Y. Shivraj Narayan</b>	IEEE International Conference on Man and Machine Interface MAMI 2015, CVRCE Bhubaneshwar	10.1109/MAMI.2015.7456594, December 17 <sup>th</sup> to 19 <sup>th</sup> , 2015 pp. 1-6 ISBN Number 978-1-5090-0225-2
4	Modeling of Human Humerus Bone for 3D Printing	<b>Y. Shivraj Narayan</b>	COPEN 9 International Conference on Precision, Meso, Micro and Nano Engineering, IIT Bombay	Volume 1, December 10 <sup>th</sup> -12 <sup>th</sup> , 2015, pp.1-5
5	Additive manufacturing of walking Robot using 3D printer.	<b>K. Jaya Prakash</b>	International conference on Emerging Trends in Mechanical Sciences (ICEMS-2015).	Volume 1 18 <sup>th</sup> to 19 <sup>th</sup> December 2015
6	An Experimental Study on Friction Stir Welding of AA5083 and AA6063 Aluminium Alloys- A Review	<b>Dr. M. V. R. Durga Prasad</b>	Proceeding of the International Conference on Mechanical, Civil, Electronics & Communication and Computer Science	23 <sup>rd</sup> March 2016 ISBN: 978-93-859733-77-2.

**2016-17**

<b>S. NO.</b>	<b>TITLE OF THE PAPER</b>	<b>NAME OF THE FACULTY</b>	<b>NAME OF CONFERENCE</b>	<b>DETAILS</b>
1	Experimental Investigation on Heat Distribution for Condition	<b>K. Aruna Prabha</b>	Proceedings of International Conference on “CONDITION MONITORING”, at GITAM, VIZAG	pp 291-300, 26 <sup>th</sup> to 27 <sup>th</sup> October 2016.



	Monitoring of a Turning process using Infrared Thermography Techniques			
2	Optimized Aerofoil Profile of Vertical Axis Wind Turbine	<b>Ajay Kumar Kaviti</b>	International Conference on Recent Trends in Engineering, Science and	Volume 3, 25 <sup>th</sup> to 27 <sup>th</sup> October 2016, pp 35-41
3	Analytical Review on MHD Power Generation Trends	<b>Dr. Kiran Kumar Namala</b>	International Conference on Recent Trends in Engineering , Science & technology ICRTTEST-2016	Volume 1, 27th October 2016, EP-072
4	A Conceptual Design, Fabrication and Analysis of Rocket Motor Casing	<b>Dr. G. S. Gupta</b>	International Conference on Advances in Material and Manufacturing	Volume 1, 10 <sup>th</sup> to 11 <sup>th</sup> October 2016, pp 243-249.
5	Experimental Investigation On Bolted Joints For Rocket Motor	<b>K. Nagendra Babu</b>	International Conference On Recent Innovations In Civil & Mechanical Engineering [I-Cam2k16]	Volume 1, 11 <sup>th</sup> to 13 <sup>th</sup> November 2016
6	Standardization Aspects of Specimens for Fracture Toughness testing of Bone and Biomaterials	<b>Dr. P. S. Prasad</b>	International Mechanical Engineering Congress, ASME, USA.	Paper Number: IMECE2016-6535 11 <sup>th</sup> to 16 <sup>th</sup> 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	<b>Dr. P. S. Prasad</b>	International Mechanical Engineering Congress, ASME, USA.	Paper Number: IMECE2016-6535 11 <sup>th</sup> to 16 <sup>th</sup> November 2016 ISBN No 978-0-7918-5065-7
8	Design Aspects of a Physical Simulator for Xastings	<b>Dr. P. S. Prasad</b>	International Mechanical Engineering Congress, ASME, USA.	Paper Number: IMECE2016-6535 11 <sup>th</sup> to 16 <sup>th</sup> November 2016 ISBN No

				978-0-7918-5065-7
9	Design Aspects of a Metallurgical Simulator and a Bioreactor	<b>Dr. P. S. Prasad</b>	International Mechanical Engineering Congress, ASME, USA.	Paper Number: IMECE2016-6535 11 <sup>th</sup> to 16 <sup>th</sup> November 2016 ISBN No 978-0-7918-5065-7
10	A Study on the Generation of Power Using Tidal Energy	<b>Dr. P. S. Prasad</b>	International Mechanical Engineering Congress, ASME, USA.	Paper Number: IMECE2016-6535 11 <sup>th</sup> to 16 <sup>th</sup> November 2016 ISBN No 978-0-7918-5065-7
11	Design, Modeling Fabrication of a Screw Jack using 3D Printing Technology	<b>Dr. B. Satyanarayana</b>	International Conference on Advances in Materials and Manufacturing (ICAMM-2016)	8 <sup>th</sup> to 10 <sup>th</sup> December 2016
12	Predicton of Hydrodynamic Behaviour of an External Air-Lift Loop with Middle Riser Using Homogenous Equilibrium Model	<b>G.K. Pujari</b>	6th International Conference and 43rd National Conference on Fluid Mechanics and Fluid Power	Volume 1, Paper No 422, 11 <sup>th</sup> to 13 <sup>th</sup> December 2016 ISBN No 978-93-5267-408-4
13	Experimental Investigations on Hydrodynamic Behaviour of an External Air-lift Loop with Middle Riser	<b>G.K. Pujari</b>	6th International Conference and 43rd National Conference on Fluid Mechanics and Fluid Power	Volume 1, Paper No 369, 11 <sup>th</sup> to 13 <sup>th</sup> December 2016. ISBN No 978-93-5267-408-4
14	Relative Studies on ASTM D638 Type-IV Specimens 3D	<b>Y. Shivraj Narayan</b>	6th International & 27th All India Manufacturing Technology, Design and Research Conference,	Volume 1, 16 <sup>th</sup> to 18 <sup>th</sup> December 2016, pp 131-134.

	Printed using ABS Material		(AIMTDR-2016) College of Engineering, Pune, Maharashtra, INDIA	ISBN: 978-93-86256-27-0
15	Modelling and Simulation of a Gear Housing Pattern made of ABS Material for FDM Based 3D Printing	<b>Y. Shivraj Narayan</b>	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 <sup>th</sup> to 17 <sup>th</sup> December 2016 pp 94.
16	Friction Stir Welding : Process and its Variable – A Review	<b>M. S. Srinivasa Rao</b>	9th International Conference on Recent Innovations in Science , Engineering and Management	pp 118-122, 26 <sup>th</sup> -29 <sup>th</sup> January 2017
<b>2017-18</b>				
1	Modeling and Simulation on Composite Laminates Subjected to Low Velocity Impact	<b>Ajay Kumar Kaviti, Kiran Kumar Namala</b>	International Conference on Composite Materials and Structures- ICCMS 2017	Volume 1, 27 <sup>th</sup> to 29 <sup>th</sup> December 2017
2.	Fabrication and Experimental Analysis on Bolted Joints for FRP Composites and Metallic Plates	<b>Dr. Ajay Kumar Kaviti, Kiran Kumar Namala</b>	International Conference on Composite Materials and Structures- ICCMS 2017	Volume 1, 27 <sup>th</sup> to 29 <sup>th</sup> December 2017
3	Laminar Stress Analysis Of FRP Composites Under Hygro Thermal Loading	<b>K. Nagendra Babu</b>	International Conference on Composite Materials and Structures- ICCMS 2017	Volume 1, 27 <sup>th</sup> to 29 <sup>th</sup> December 2017
4	3D Printing of Various Components using Custom made 3D Printer	<b>B. Satyanarayana,</b>	Conference on Contemporary Design Analysis of Manufacturing and Industrial Engineering Systems (CDAMIES-2018), National	Volume 1, 18 <sup>th</sup> to 20 <sup>th</sup> January 2018

			Institute of Technology, Tiruchirappalli, Tamilnadu	
5	Development of Hybrid 3D Printer	<b>Dr. B. Satyanarayana</b>	3rd International Conference on Innovative Design and Development Practices in Aerospace and Automotive Engineering (IDAD 2018) at VelTech RS R&D ISTChennai	Volume 1, February 22 <sup>nd</sup> to 24 <sup>th</sup> 2018 ISBN 978-981-13-2697-48
6	Evaluation Of Mechanical Properties Of Jute-Glass Hybrid Composite Under Impact Load	<b>Dr. K. Ajay Kumar Dr. N. Kiran Kumar</b>	3rd International Conference on Innovative Design and Development Practices in Aerospace and Automotive Engineering (IDAD 2018) at VelTech RS R&D IST Chennai	Volume 1, February 22 <sup>nd</sup> to 24 <sup>th</sup> 2018 ISBN 978-981-13-2697-48
7	Power Generation From Wind Using Bladeless Turbine	<b>Dr. K. Ajay Kumar</b>	3rd International Conference on Innovative Design and Development Practices in Aerospace and Automotive Engineering (IDAD 2018) at VelTech RS R&D ISTChennai	Volume 1, February 22 <sup>nd</sup> to 24 <sup>th</sup> 2018 ISBN 978-981-13-2697-48
8	Prediction of Surface Roughness in Turning of EN19 Steel using Acoustic Emission	<b>Dr. B. V. R. Ravi Kumar</b>	International Conference on Latest Innovations in Materials Engineering & Technology (ICLIET-2018)	15 <sup>th</sup> to 16 <sup>th</sup> June 2018. Springer
9	Artificial Intelligent Braking System	<b>S. Bhanu Murthy</b>	International Conference on Intelligent Computing and Control	14 <sup>th</sup> -15 <sup>th</sup> June 2018 ISBN No. 978-1-5386-0373-4
<b>2018-19</b>				
1	International Conference on Advances in Materials & Manufacturing Applications	<b>S. Bhanu Murthy</b>	International Conference on Advances in Materials & Manufacturing Applications	Volume 1, 17 <sup>th</sup> -18 <sup>th</sup> August 2018
2	Machining and Bio-Machining Considerations	<b>Satya Prasad Paruchuru</b>	International Mechanical Engineering Congress & Exposition	Paper Number: IMECE2018-8899611 <sup>th</sup> to 14 <sup>th</sup> November 2018 ISBN No 978-0-7918-9941-0 99410

3	Considerations For Bulk-Manufacturing Simulators	<b>Satya Prasad Paruchuru</b>	International Mechanical Engineering Congress & Exposition	Paper Number: IMECE2018-8899611 <sup>th</sup> to 14 <sup>th</sup> November 2018 ISBN No 978-0-7918-9941-0 99410
4	Analysis Of Precise-Drives For Bio-Instrumentation	<b>Satya Prasad Paruchuru</b>	International Mechanical Engineering Congress & Exposition	Paper Number: IMECE2018-8899911 <sup>th</sup> to 14 <sup>th</sup> November 2018 ISBN No 978-0-7918-9941-0 99410
5	Unconventional Machining Methods For Bioengineering	<b>Satya Prasad Paruchuru</b>	International Mechanical Engineering Congress & Exposition	ISBN No 978-0-7918-9941-0 99410 ISBN No 978-0-7918-9941-0 99410
6	Manufacturing And Maintenance Aspects Of Processes Used For Prostheses	<b>Satya Prasad Paruchuru</b>	International Mechanical Engineering Congress & Exposition	Paper Number: IMECE2018-8901911 <sup>th</sup> to 14 <sup>th</sup> November 2018 ISBN No 978-0-7918-9941-0 99410
7.	Manufacturing And Continuous-Evaluation Of Tissue	<b>Satya Prasad Paruchuru</b>	International Mechanical Engineering Congress & Exposition	Paper Number: IMECE2018-8907811 <sup>th</sup> to 14 <sup>th</sup> November 2018 ISBN No 978-0-7918-9941-0 99410
8	Bending Analysis of Piezoelectric Functionally Graded Material Plates using HSDT	<b>Ch. Naveen Reddy, M. Bhargav</b>	International Conference on Recent Advances in Materials and Manufacturing Technologies	Volume 1 19 <sup>th</sup> to 20 <sup>th</sup> November 2018
9	Characterization Of Hyperelastic Material Using Experimental	<b>B. Satyanarayana</b>	International Conference on Advances in Materials and Manufacturing Applications (IConAMMA-2018) organized	Volume 1, August 16 <sup>th</sup> to 18 <sup>th</sup> 2018

	Data And Finite Element Simulation		by AMRITA UNIVERSITY, BANGALORE CAMPUS	
10	Characterization Of Hyperelastic Material by Experimental Tests and Curve Fitting	<b>B. Satyanarayana</b>	International Conference on Advances in Materials and Manufacturing Applications (IconAMMA-2018) organized by AMRITA UNIVERSITY, BANGALORE CAMPUS	Volume 1, August 16 <sup>th</sup> to 18 <sup>th</sup> 2018
11	3D Printing of Various Components using Custom made 3D Printer	<b>B. Satyanarayana</b>	Conference on Contemporary Design Analysis of Manufacturing and Industrial Engineering Systems (CDAMIES-2018), National Institute of Technology, Tiruchirappalli, Tamilnadu	Volume 1, 18 <sup>th</sup> to 20 <sup>th</sup> January 2018
12	Optimization and Influence of Process Parameters of Dissimilar SS3041 – SS430 Joints Produced by Robotic TIG Welding	<b>Dr. B. V. R. Ravi Kumar</b>	Recent Advances in Materials, Manufacturing and Energy Systems (ICRAMMES-2019)	03 <sup>rd</sup> to 04 <sup>th</sup> January 2019
<b>2019-2020</b>				
1.	Evaluation Of Thermal Effects In Turning Processes: Numerical And Experimental Approach	<b>1. Aruna Prabha Kolluri, 2. Balla Srinivasa Prasad, 3.Paruchuru Satya Prasad</b>	ASME International Mechanical Congress And Exposition 2019 USA	8 <sup>th</sup> to 14 <sup>th</sup> November 2019
2	Standardization Aspects Of Fracture Testing	<b>1.Paruchuru Satya Prasad 2. Aruna Prabha Kolluri</b>	ASME International Mechanical Congress And Exposition 2019 USA	8 <sup>th</sup> to 14 <sup>th</sup> November 2019

	Of Bone And Bio-Material			
3	Minimum Destructive And Noninvasive Test Methods For Natural Materials	<b>1.Paruchuru Satya Prasad</b> <b>2. Aruna Prabha Kolluri</b>	ASME International Mechanical Congress And Exposition 2019 USA	8 <sup>th</sup> to 14 <sup>th</sup> November 2019
4	Standardization Aspects Of Methods For Testing Of Engineered Biological-Tissue	<b>1..Paruchuru Satya Prasad</b> <b>2. Aruna Prabha Kolluri</b>	ASME International Mechanical Congress And Exposition 2019 USA	8 <sup>th</sup> to 14 <sup>th</sup> November 2019
<b>2020-2021</b>				
1.	Six Sigma's ECRS Technique to down Cost and Time of Manufacturing – an Experimental Investigation	<b>R. Saravanan,</b> <b>M.S. Srinivasa Rao,</b> <b>Naga Sri Saihari Sunkara,</b> <b>T. Malyadri</b>	AIP Conference Proceedings	0094-243X (print) 1551-7616 (web)
2.	Experimental Exploration on Influence Of Gas Nitriding and Chromium Coated Piston Rings In Reduction of Wear And Lubricant Consumption In Petrol Engines	<b>R. Saravanan,</b> <b>Naga Sri Saihari Sunkara,</b> <b>M.S. Srinivasa Rao,</b> <b>T.Malyadri</b>	AIP Conference Proceedings	0094-243X (print) 1551-7616 (web)
3.	Effect of ZnO nanoparticles on structure and magnetic properties of Li <sub>2</sub> O-B <sub>2</sub> O <sub>3</sub> :TiO <sub>2</sub> glasses	Aravinda, <b>Jayashri N. Nair,</b> <b>Putha Prasad Kumar,</b> Amit Kumar, Samhita	AIP Conference Proceedings	0094-243X (print) 1551-7616 (web)

4.	Effect of ZnO nanoparticles on structure and magnetic properties of Li <sub>2</sub> O-B <sub>2</sub> O <sub>3</sub> :TiO <sub>2</sub> glasses	L. Srinivasa Rao, Ch Sai Phani Kumar, <b>K. Aruna Prabha</b> , P Raghavendra Rao	AIP Conference Proceedings SCOPUS	0094-243X (print) 1551-7616 (web)
5.	Development of PLC based Sequential Pneumatic Punching System	<b>S. Bhanu Murthy</b> , <b>P. Narendra</b> , <b>Dr. M. S. Sreenivasa Rao</b> , <b>H. Naresh</b>	IOP Conference Series: Materials Science and Engineering SCOPUS	ISBN 978-93-5416-854-3
6.	Modelling and Analysis of Shoulder Traction Surgery Kit	<b>Mrs. S. Swetha</b> , <b>Ch. Priyadarsini</b> , <b>Ch. Naveen Reddy</b>	IOP Conference Series: Materials Science and Engineering SCOPUS	ISBN 978-93-5416-854-3
7.	Manufacturing of 3 D Shrouded Impeller of a Centrifugal Compressor on 3D-Printing machine using FDM Technology	<b>K. Aruna Prabha</b> , <b>PS Rohit</b> , <b>SC Nitturi</b> , <b>B Nithin</b> .	IOP Conference Series: Materials Science and Engineering SCOPUS	ISBN 978-93-5416-854-3
8.	Effect of Diphenylamine Nano Additive With Pine Oil Biodiesel On Performance And Emission Characteristics Of CI Engine	C. H. Ravi Kiran, G. Chandra Mohana Reddy, <b>V. Siva Rama Krishna</b> , Shaik Hussain	AIP Conference Proceedings SCOPUS	ISBN 978-93-5416-854-3
9.	Influence on Emissions and Performance of CI Engine with Graphene Nanoparticles Blended with Karanja	<b>Dr. Jayashri N. Nair</b> , <b>P. Prasad Kumar</b> , Amit Kumar Samhita, Aravinda	AIP Conference Proceedings SCOPUS	ISBN 978-93-5416-854-3



	Biodiesel			
10.	Experimental Investigation Of Performance And Emission Characteristics Of Diesel Engine Using Pine Oil Blend	C. H. Ravi Kiran, G. Chandra Mohana Reddy, <b>V. Siva Rama Krishna,</b> Shaik Hussain	AIP Conference Proceedings SCOPUS	ISBN 978-93-5416-854-3
11.	Early-Stage Lung Cancer Detection Using Machine Learning	<b>Dr. B. Satyanarayana,</b> M Rama Bai, G Naga Sujini, Muthyala Mahesh	Biosc.Biotech.Res.Comm.	ISSN 2321-4007 0974-6455
12.	Influence of Cutting on Micro Stress Distribution in Cylindrical FRP	<b>Dr. N. Kiran Kumar,</b> <b>Dr. G. Srinivasa Gupta,</b> Dr. Manzoor Hussain , <b>Dr. K. Ajay Kumar</b>	4th International Conference On Innovations In Mechanical Engineering (ICIME-2021)	---
13.	Experimental Investigation Of Polydrop Behavior In FRP Composites	<b>Dr. N. Kiran Kumar,</b> Likhitha Galla, Dr. Manzoor Hussain, <b>S.N.S. Sai Hari</b>	4th International Conference On Innovations In Mechanical Engineering (ICIME-2021)	---
14.	A Review On Carbon Reinforcement in glass Fiber Polymer Matrix Composite	<b>Dr. N. Kiran Kumar,</b> Chandra Kiran Bezawada, Dr. Manzoor Hussain , Dr. B. Chennakesava Rao	4th International Conference On Innovations In Mechanical Engineering (ICIME-2021)	---
15.	Experimental Study on Mechanical Properties of AA7075, Al <sub>2</sub> O <sub>3</sub> and Graphite Metal Matrix Composite	<b>Ch. Naveen Reddy,</b> <b>Mr. L. Sandeep Raj,</b> <b>Gourav Tiwari</b>	International E-Conference on Materials Processing & Characterization-2020	ISBN: 978-81-946476-9-0

**Year-wise Papers Presented in National Conference**

**MECHANICAL ENGINEERING DEPARTMENT:**

<b>S. NO</b>	<b>TITLE OF THE PAPER</b>	<b>NAME OF THE AUTHORS</b>	<b>NAME OF THE CONFERENCE</b>	<b>DETAILS</b>
<b>2012-13</b>				
1	Study on Mechanical Behavior of Glass Epoxy Composites.	<b>T. Prasad,</b> N. Arjun, S. Madhav Reddy.	National Conference in Advanced Manufacturing and Renewable Energy Sources.	At CBIT Hyderabad in January 2013 Pp No 67.
<b>2013-2014</b>				
<b>S. NO</b>	<b>TITLE OF THE PAPER</b>	<b>NAME OF THE AUTHORS</b>	<b>NAME OF THE CONFERENCE</b>	<b>DETAILS</b>
1	Experimental Investigations on Welding characteristics of Similar Metal Weldments and Dissimilar Metal Weldments , using Gas Tungsten Arc Welding.	A. Raveedra, <b>Dr. B.V.R. Ravi Kumar.</b>	Conference on Role of Civil and Mechanical Engineers in Development of Society(RCMS).	At MREC Hyderabad. On 20 <sup>th</sup> and 21 <sup>st</sup> September 2013.

2	Numerical Aero Dynamic Simulation of Missile.	P. N. V. Harinath, <b>G. Srinivas Gupta.</b>	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.	<b>Y. Shivraj Narayan,</b> M. Chaitanya.	National Conference on Robotics, Automation & Mechatronics 2014 ISBN: 978-93-83635-01-6.	At JNTU Hyderabad. March 12 <sup>th</sup> & 13 <sup>th</sup> , 2014.
4	A Review on Quality Characteristic s of Phenolic Laminate For Application Of Jet Deflector.	P.N.V. Harinath, G. Durga Prasad, <b>Dr. G. S. Gupta</b>	Conference on Recent Innovation in Mechanical Engineering 2014. ISBN: 9789383038138.	At CMR Technical Campus Hyderabad, Pp: 14-19, March 21 <sup>st</sup> , 2014.
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. <b>S.V.S.S.Srinivas aRaju.</b>	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 <sup>st</sup> March 2014.

**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, <b>Y. Shivraj Narayan,</b> 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 <sup>st</sup> & 22 <sup>nd</sup> November, 2014.

2	Productivity Improvement in Hydraulic Pump Manufacturing Unit.	<b>Y. Shivraj Narayan,</b> 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 <sup>st</sup> & 22 <sup>nd</sup> November, 2014.
3	Modeling and Analysis of Turbine Blade.	P. Kezia , <b>V. RatnaKiran.</b>	2 day National conference on Recent Innovations in Mechanical Engineering (RIME-2014).	At MVSR Engineering College, Hyderabad. Volume 1, Pp 110-117, On 21 <sup>st</sup> & 22 <sup>nd</sup> November, 2014.
4	Productivity Improvement through Optimization of Layout using Flexsim Software.	U. Sravan Kumar, <b>Y. Shivraj Narayan.</b>	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.
5	A review on Friction stir welding of dissimilar AA5083 & AA6082 Aluminium Alloy.	B.L.N. Krishna Sai, <b>B.V.R. Ravi Kumar.</b>	National Conference on fast Emerging Trends in Engineering and Technology	At Bharat Institute of Engineering & Technology Hyderabad 25 <sup>th</sup> to 26 <sup>th</sup> March 2015.
6	Hydraulic System for Traction Elevators-A design approach.	SeshasreeHarika Pratapa, <b>J. Peter Jones.</b>	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 <sup>th</sup> May 2015

7	A review on Friction stir welding of dissimilar AA5083 & AA6082 Aluminium Alloy	B.L.N. Krishna Sai, <b>B.V.R. Ravi Kumar.</b>	National Conference on fast Emerging Trends in Engineering and Technology	At Bharat Institute of Engineering & Technology Hyderabad 25 <sup>th</sup> to 26 <sup>th</sup> March 2015.
<b>2015-16</b>				
<b>S. NO</b>	<b>TITLE OF THE PAPER</b>	<b>NAME OF THE AUTHORS</b>	<b>NAME OF THE CONFERENCE</b>	<b>DETAILS</b>
1	Assessment of RP Technologies for Metal Casting and its Applications	<b>Y. Shivraj Narayan</b>	National Conference on Innovative Trends in Mechanical & Automobile Engineering 2016, MVSREC Hyderabad	Volume 1, 11 <sup>th</sup> to 12 <sup>th</sup> February 2016, pp 52-54.
2	Design and Development of a Quadcopter for Surveillance	<b>Y. Shivraj Narayan</b>	National Conference on Innovative Trends in Mechanical & Automobile Engineering 2016, MVSREC Hyderabad	Volume 1, 11 <sup>th</sup> to 12 <sup>th</sup> February 2016, pp 5-11
3	Design, Fabrication and Thermal analysis of alternative Aluminum Alloys 5086 and 6016 using For Cylinder Blocks.	<b>D. Sarath Chandra</b>	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	<b>Dr. Raghu Babu Gadde</b>	National Conference on Advancements and Innovations in Engineering, Technology & Management (AIETM-2015)	5 <sup>th</sup> November 2015
<b>2017-18</b>				
<b>S. NO</b>	<b>TITLE OF THE PAPER</b>	<b>NAME OF THE FACULTY</b>	<b>NAME OF THE CONFERENCE</b>	<b>DETAILS</b>
1	Prototyping of a Bottle Mold using FDM Technique	<b>K. Aruna Prabha</b>	National Conference on Materials and Manufacturing	Volume 1. 22 <sup>nd</sup> to 23 <sup>rd</sup> December 2017
2	Fabrication of Screw Jack using 3D Printing Technology	<b>Kode Jaya Prakash</b>	National Conference on Materials and Manufacturing	Volume 1. 22 <sup>nd</sup> to 23 <sup>rd</sup> December 2017

#### **BOOKS and BOOK CHAPTERS**

<b>S. NO</b>	<b>TITLE OF THE PAPER</b>	<b>NAME OF THE FACULTY</b>	<b>DETAILS</b>
1. Optimization of Controllable Turning Parameters for HSM of Inconel 718	Book : LAMBERT Academic Publishing, West Germany BOOK	<b>Dr. B. Satyanarayana</b>	June 2016, pp 113. ISBN- 13: 978- 3-659- 88251-7
2. Experimental Investigations on Machinability Parameters of Inconel 718	Book : LAMBERT Academic Publishing, West Germany BOOK	<b>Dr. B. Satyanarayana</b>	July 2016, pp 91. ISBN- 13:978- 3659913 389

3. Friction Stir Welding Studies on Aluminum alloy: An Experimental Investigation	Lambert Academic Publishing, U.K.  BOOK	<b>Dr. Gadde Raghu Babu</b>	pp 51, December 2018,  ISBN No:  978-613-9-91475-3
4. Mathematical and System Dynamic Analysis of Inbound and Internal Supply Chain of an Iron Foundry	Book Publishers: Archers & Elevators Publishing House  BOOK	<b>Dr. S. Shyam Sunder Rao</b>	ISBN: 978-93-86501-57-8
5. Tensile Testing and Evaluation of 3D-Printed PLA Specimens as per ASTM D638 Type IV Standard	In book: Innovative Design, Analysis and Development Practices in Aerospace and Automotive Engineering  (I-DAD 2018)  BOOK CHAPTER	<b>Dr. Y. Shivaraj Narayana</b>	Volume 02, December 2018, pp.79-95.
6. Pulse Parameter Characterization in Microdrilling of Maraging Steel 300Alloy	Characterization of Minerals, Metals, and Materials 2018  BOOK CHAPTER	<b>Dr. Y. Shivaraj Narayana</b>	Volume. 01, January 2018,  pp 387-398.  ISBN: 978-3-319-



			72484-3(online) 978-3-319-
7. Thermal Energy Storage in Solar Dryer	Part of the Green Energy and Technology book series (GREEN)  BOOK CHAPTER	<b>Dr. K. Ajay Kumar</b>	Solar Drying Technology, 30 <sup>th</sup> August 2017, pp 603-617, ISBN: 978-981-10-3833-4_22
8. Design and selection criteria of Biogas Digester	Low Carbon Energy Supply Trends, Technology and Management  BOOK CHAPTER	<b>Dr. K. Ajay Kumar</b>	Book Chapter 6, 2018 pp 91-112 ISSN: 1865-3529 ISSN 1865-3537 (electronic)ISBN 978-981-10-7325-0 ISBN 978-981-10-7326-7 (eBook) <a href="#">h</a>

			<a href="https://doi.org/10.1007/978-981-10-7326-7">https://doi.org/10.1007/978-981-10-7326-7</a>
9. Mechanical Characterization of Unidirectional Banana–Glass Fiber-Reinforced Hybrid Composites	Advances in Applied Mechanical Engineering Lecture notes	<b>Ch. Naveen Reddy</b> M. Bhargav <b>Ajay Kumar Kavi ti</b>	ISSN: 2195-4356 2020
10. A Review on 4D Printing—the Next Industrial Revolution	Emerging Trends in Mechanical Engineering Lecture notes	<b>Kode Jaya Prakash</b>	DOI <a href="https://doi.org/">https://doi</a>  Springer, Cham Online
11. Design of Sequential Electro-Pneumatic System	Emerging Trends in Mechanical Engineering  Lecture notes	Nagashiva Mutyam,  T. S. S. Siva Saikumar <b>Bhanumurthy Soppari</b>	Springer, Cham Online ISBN 978-3-030-24314-2 Online ISBN 978-3-030-24314-2 2020
12. Vibration Analysis of Carbon Fiber and Glass Fiber Composite Beam	Advances in Metrology and Measurement of Engineering Surfaces Lecture Notes	<b>Ajay Kumar Kavi ti,</b>  Amit Kumar Thakur	pp 223-229, Springer, Print ISBN978-981-15-5150-5

			Online ISBN97 8-981- 15-5151- 2 2020
13. An Extensive Study of Multi-level Inventory Lot Sizing Optimization Problem	Advances in Applied Mechanical Engineering Lecture notes	<b>V.V. D. Sahithi</b> C. S. P. Rao M. Srinivasa Rao	pp.1195-1205, February 2020, DOI: 10.1007/978-981-15-1201-8_126 .
14. An Overview Of Recent Advances In Jute Fibre Reinforced Composites	LAP LAMBERT Academic Publishing  BOOK	<b>Ajay Kumar Kaviti</b>	ISBN-13:978-613-9-47658-9 ISBN-10:6139476585
15. Design, Analysis And Optimisation Of Vertical Axis Wind Turbine Blade	LAP LAMBERT Academic Publishing  BOOK	<b>Ajay Kumar, Kaviti, Vivek Shukla</b>	ISBN-13:978-620-2-55564-7 ISBN-10:6202555645
16. Applied soft computing Techniques for renewable energy	Applied soft computing Techniques for renewable energy  BOOK	Amit Kumar Thakur, Rajesh Singh, <b>Ajay Kumar Kaviti,</b> Anita Geholt, J.V Muruga Lal Jeyan	ISBN: 978-1-53618-180-7
17. Effect of Biodiesel on Performance,	Applied soft computing Techniques for	<b>Jayashri Nair</b>	ISBN:

Emissions and Combustion	renewable energy- BOOK CHAPTER		978-1-53618-180-7
18. A State-of-the-Art Review on 3D Printed Orthotic Devices for Flat Feet Condition	Innovative Design, Analysis and Development Practices in Aerospace and Automotive Engineering	<b>Dr. Y. Shivraj Narayan,</b> S. Koteswari,	ISSN 978-981-15-6619-6 978-981-15-6618-9
19. A Contemporary Review on Knee Injuries and Protective Pads	Innovative Design, Analysis and Development Practices in Aerospace and Automotive Engineering	<b>Dr. Y. Shivraj Narayan</b> <b>K. Anirudh,</b>	ISSN 978-981-15-6619-6 978-981-15-6618-9
20. TLBO and JAYA: Insights into Novel Multi-objective Optimization Techniques	Innovative Design, Analysis and Development Practices in Aerospace and Automotive Engineering	<b>Dr. Y. Shivraj Narayan</b> V. Rajashekar,	ISSN 978-981-15-6619-6 978-981-15-6618-9
21. Effect of fin geometry on solar still, A CFD study	Advances in Sustainability Science and Technology	Begari Mary, <b>Ajay Kumar Kaviti,</b> Akkala Siva Ram	ISSN: 2662-6829
22. Nano structures has high absorption energy materials A-review	Recent Advances in Sustainable Technologies	Shaik Afzal Mohiuddin, <b>Ajay Kumar Kaviti,</b> T. Srinivasa Rao	Print ISBN: 978-981-16-0975-6  Electronic ISBN: 978-981-

			16-0976-3"
23. Simulation Study on Effect of Fin Geometry on Solar Still	Innovations in Sustainable Energy and Technology	Begari Mary, <b>Ajay Kumar Kaviti,</b> Akkala Siva Ram	Print ISBN 978-981-16-1118-6 Online ISBN 978-981-16-1119-3
24. A Short Review and Investigate Study on Performance of Magneto-Hydrodynamic Using High Reynolds Numbers	Lect. Notes Electrical Eng., Shelly Vadhera et al. (Eds): Latest Trends in Renewable Energy Technologies,	<b>Kiran Kumar Namla ,</b> V. Bala Murali Krishna	ISBN 978-981-16-1186-5;
25. Mitigation of Emissions Through Injection Strategies	Title of book I.C Engines IntechOpen.	<b>Jayashri N. Nair</b>	10.5772/intechopen.96483