

FACULTY INTERACTION WITH OUTSIDE WORLD

FACULTY PARTICIPATION AS CONFERENCE SESSION CHAIRS

- Dr. B. Satyanarayana chaired a session at (Nano Materials) in 5th International Conference on Materials Processing and Characterization (ICMPC- 2016) conducted by the Department of Mechanical Engineering, Gokharaju Ranga Raju Institute of Engineering & Technology, Hyderabad in collaboration with Maulana Azad National Institute of Technology, Bhopal, Madhya Pradesh, during 12th – 13th March 2016.
- Dr. B. Satyanarayana chaired a session at International conference "Advances in Design materials, Manufacturing and Energy systems" at Malla Reddy Engineering College Hyderabad, 15 September 2018
- Dr. B. Satyanarayanawas a member of National Advisory committee for the International conference on Recent Advances in Civil and Mechanical Engineering Practicies held at Vasireddy Venkatadri Institute of Technology on 16th-17th Nov 2018
- Dr. G. Srinivasa Gupta chaired a session at International Conference {i-CAM2016}on recent innovations in Civil and Mechanical Engineering" at CMR Technical Campus Hyderabad, 10th& 11th December,2016.
- Dr. Ajay Kumar Kaviti chaired a session at 9th ICMPC-2019, International Conference on Material Processing and Characterization, Organised by GRIET, Hyderabad
- Dr. Ajay Kumar Kaviti chaired a session in SDME-2020, International Conference on Sustainable Developments in Mechanical Engineering, Organised by VNRVJIET, Hyderabad

FACULTY PARTICIPATION AS EDITORIAL BOARD MEMBER

- Dr. G. Raghu Babu was appointed as a member of the Editorial Board of i-manager's Journal on Mechanical Engineering (JME) from January 2019 to December 2019.
- Dr. B. V. R. Ravi Kumar was appointed as a member of the Editorial Board of International journal for Research in Applied Science and Engineering Technology.
- Dr. Ajay Kumar Kaviti is one of the editorial board member for the following Journals:
 - International Journal of Mechanical Engineering and Applications (IJMEA)
 - Journal of Production Research and Management
 - SCIREA Journal of Mechanical Engineering
 - SCIREA Journal of Energy
 - Exploratory Environmental Science Research

FACULTY HAVING JOINT PUBLICATIONS

- Dr.Y.Shivraj Narayan has published a chapter in book Characterisation of minerals, metals and materials 2018, Springer publications.
- Ajay Kumar Kaviti, Thakur A.K. (2020) Vibration Analysis of Carbon Fiber and Glass Fiber Composite Beam. Advances in Metrology and Measurement of Engineering Surfaces. Lecture Notes in Mechanical Engineering. Springer, Singapore. eISBN: 978-981-15-5151-2.
- Amit Kumar Thakur, Ajay Kumar Kaviti, Rajesh Singh, Anita Gehlot, Roopesh Mehra (2020) Review on performance, Combustion, and Emission of Butanol-Diesel mixes in Compression Ignition Engines (Pg.123-150) eBook ISBN: 978-1-53618-180-7. Nova Publishers, 2020, USA.
- Amit Kumar Thakur, J.V. Muruga Lal Jeyan, Ajay Kumar Kaviti, P.S. Ranjit (2020) Specific soft Computing strategies for Evaluating the performance and emission of Spark Ignition engine using Alcohol-Gasoline blended fuels: A Comprehensive Review (pg. 151-186) eBook ISBN: 978-1-53618-180-7. Nova Publishers, 2020, USA.
- CN Reddy, M Bhargav, Ajay Kumar Kaviti (2020), Mechanical Characterization of Unidirectional Banana–Glass Fiber-Reinforced Hybrid Composites. Advances in Applied Mechanical Engineering, 1031-1038 Lecture Notes in Mechanical Engineering, Springer Nature Singapore; ISBN 978-981-15-1201-8.
- Ajay Kumar Kaviti, A Kumar, O Prakash (2019) Effect of Design Parameters on Productivity of Various Passive Solar Stills(Pg.49-73) eBook ISBN: 978-981-13-6887-5, Published by Springer 2019.
- AD Roy, O Prakash, A Kumar, Ajay Kumar Kaviti, A Pandey (2018) Design and Selection Criteria of Biogas Digester (Pg.91-112) eBook ISBN: 978-981-10-7326-7, Published by Springer 2018.
- Ajay Kumar Kaviti, H Deep (2017) Thermal Energy Storage in Solar dryer (Pg. 603-617). eBook ISBN: 978-981-10-3833-4, Published by Springer 2017.
- Ajay Kumar Kaviti, K.K.Pathak & M.S.Hora (2009). Application of Neural Networks in Preform Design of Aluminium Upsetting Process Considering Different Interfacial Frictional Conditions. S. Chaudhury et al. (Eds.): PReMI 2009, LNCS 5909, pp. 98–105, 2009. Published by Springer-Verlag Berlin Heidelberg 2009.
- 17 faculty members of the department are pursuing PhD under eminent professors working in reputed Universities

FACULTY AS REVIEWERS IN REPUTED PUBLICATIONS

- Following is the list of Journals Reviewed by faculty of Department.

Faculty Name	Name of the journal
Dr.M. V. R. D Prasad	Indian Journal of Engineering & Material Sciences
Dr. P. S. Prasad	ASTM E08 Standard
Dr. G. Srinivas Gupta	International Journal of Computer Aided Engineering and Technology
	International Journal of Automotive and Mechanical Engineering
	Frontiers of Mechanical Engineering : Springer
	International Journal of Acoustics and Vibration

Faculty Name	Name of the journal
	International Journal of Transactions on Reliability
	International Journal of Computer Aided Engineering and Technology
	International Journal of Automotive and Mechanical Engineering (IJAME)
Dr. B Satyanarayana	Journal of Advanced Manufacturing System
	International Journal of Industrial Engineering and Management
Dr. Y. Shivraj Narayan	Advances in Science, Technology and Engineering Systems Journal
	International Journal of Industrial Engineering: Theory, Applications and Practice
Dr. Ajay Kumar Kaviti	Renewable and Sustainable Energy Reviews, Elsevier
	Energy, Elsevier
	Applied Thermal Engineering, Elsevier
	Materials Today: Proceedings, Elsevier
	Transportation Research Part D: Transport and Environment, Elsevier
	Journal of Renewable and Sustainable Energy, AIP Publishing
	Journal of The Institution of Engineers (India): Series C, Springer
	Frontiers in Energy, Springer
	Environmental Science and Pollution Research, Springer
	International Journal of Food Engineering, Taylor and Francis
	International Journal of Ambient Energy, Taylor and Francis
	Desalination and Water Treatment, Taylor and Francis
World Journal of Engineering, Emerald Group	
Dr. N. Kiran Kumar	Agricultural and Biological Engineering
Dr. Jayashri N Nair	Energy Conversion and Management (Elsevier Publications)
	International Journal of ambient energy (Elsevier Publications)
	Biofuels (Taylor & Francis)
	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects (Taylor & Francis)
	BioEnergy Research (Springer nature)
Walailak Journal	
Dr. K. Aruna Prabha	Journal of Mineral, Metal and Material Engineering from October 2020 to October 2022, ISSN : 2414-2115.

FACULTY PARTICIPATION AS RESOURCE PERSONS

- Dr. Y. Shivraj Narayan delivered a talk on Isometric projection through AutoCAD at Institute of Aeronautical engineering, Hyderabad on 8th June 2016.
- Dr. M.V.R.D Prasad delivered a talk on Isometric projection through AutoCAD at Institute of Aeronautical engineering, Hyderabad on 8th June 2016
- Dr. Kiran Kumar Namala has delivered guest lecture on “Finite element methods for structural and mechanical engineering” at Central University of Karnataka on 1st August 2016.
- Dr. Kiran Kumar Namala has delivered guest lecture on “Modern Engineering Methodologies” at Central University of Karnataka, School of engineering on 10th September 2016.

- Dr. Y. Shivraj Narayan delivered a talk on Isometric projection & projection of Solids in FDP on CAD Modelling & MATLAB Engineering Applications at Institute of Aeronautical engineering, Hyderabad on 6th July 2017.
- Dr. M.V.R.D Prasad delivered a talk on 'Rapid prototyping and printing' at Vasavi Engineering College, Hyderabad on 15th July, 2017
- Dr. G. Srinivasa Gupta delivered lecture on Design of Machine members-I at Guru Nanak Institute of Technology on 26th August 2017.
- Dr. G. Srinivasa Gupta delivered lecture on "Mechanics of solids" at Guru Nanak Institute of Technology on 5th July 2018.
- Dr. G. Srinivasa Gupta delivered lecture on "Design of Machine members-I" at Guru Nanak Institute of Technology on 16th November 2019.
- Dr. G. Srinivasa Gupta was invited as an external research review committee member for reviewing research work by Vellore Institute Technology, Chennai on 11th Oct 2019
- Dr. B. V. R. Ravi Kumar was invited as subject expert for SCM by Malla Reddy Engineering College (A), Secunderabad, on 22nd January 2019.

FACULTY PARTICIPATION AS MEMBER OF GOVERNING BODY

- Dr. B.V.R. Ravi Kumar is the member of governing body of Nadimpalli Satyanarayana Raju Institute of Technology (NSRIT), Sontyam, Anandapuram, Vishakhapatnam

FACULTY PARTICIPATION AS EXTERNAL EXAMINERS IN OTHER COLLEGES

- 8 faculty members have acted as external examiners in different Engineering colleges in around Hyderabad
- Dr. Y. Shivraj Narayan, Professor/ME was appointed as an Examiner for conducting Ph.D. Viva-Voce at RST Nagpur University Nagpur on 28th June 2019.
- Dr. K. Ajay Kumar, associate Professor/ME has recognised as faculty mentor for DST and Texas Instruments in India Innovation Challenge Design Contest 2019 anchored by NSRCEL@IIMB powered by AICTE mission and supported by MyGov.
- The Team Lead from college VNR Vignana Jyothi Institute of Engineering & Technology #30210 has registered successfully for Team ID 1296283 as Faculty Mentor.
- Dr. K. Ajay Kumar, Associate Professor/ME has nominated as an Examiner to evaluate the Ph.D. Thesis of the scholar, Ms. Somya Tiwari, Ref. No. 12001982.
- Dr. S. V. S. S. Srinivasa Raju, Professor of Mechanical Engineering Interacting with Telangana Academy for Skill and Knowledge (TASK) Sponsored, Indian School of Business (ISB) designed a Certificate Programme entitled Technology Entrepreneurship Programme (TEP) from 2014 to till date.
- Dr. S. V. S. S. Srinivasa Raju, Professor of Mechanical Engineering Interacting with MSME, New Delhi and MSME-DI, Hyderabad for monitoring various Projects sanctioned to Vignana Jyothi Technology Business Incubator (VJTBI) under the scheme of "Support for Entrepreneurial and Managerial Development of SMEs through Incubators".