



Department of Applied Engineering

INTERNATIONAL CONFERENCES

Sl. No.	Name	Journal/Conference Name	Author Status	Title of Article	Volume	Month	Year
2017							
1	Dr. A. Sirisha	X IGU International Conference	1	Spatial Estimation of Evapotranspiration Using Land Surface Based Variable Infiltration Capacity Model		March	2017
2	Dr. A. Sirisha	X IGU International Conference	2	Addressing the Challenges of Climate Change Scenario for Dryland Agriculture Systems and Refining of Farmer Level Technological Practices for Food Security in India		March	2017
3	Dr. Vidhu KP	IIM Indore-NASMEI Summer Marketing Conference	2	Paddy Farmers Perception on the Organic Farming Practices towards Sustainable Agriculture: An Empirical Analysis on the Paddy Farmers of Tenali Division in Andhra Pradesh		July	2017
2016							
4	Dr. Vidhu KP	E-Business and Supply Chain Competitiveness	1	Supply Chain Management Success Contemplation in Indian Aircraft Industries Through Vendor Satisfaction		Feb	2016

5	Dr. Vidhu KP	7 th International Conference on Food and Agricultural Engineering	2	Physiological and Perceptual Responses to Sherpa Mode of Load Carriage Using Hip and Shoulder Supports		March	2016
6	Dr. A. Sirisha	International Conference on Water, Environment, Energy and Society	1	Development of Generalized Higher-Order Neural Network Based Models for Estimating Pan Evaporation		March	2016
7	Dr. Sanjeet Kumar	International Conference on Water, Environment, Energy and Society	1	Impact of Historical Land use/land Cover and Climate Change on Reservoir Inflow in Damodar Catchment		March	2016
8	Dr. Sanjeet Kumar	International Conference on Water, Environment, Energy and Society	2	Reservoir Inflow Forecasting Using Extreme Learning Machines	Springer Proceedings	March	2016
9	Dr. Vidhu KP	1 st International Conference on Automation in Industries	3	Innovative Outsourcing in the Era of Computerization & Manufacturing Automation in Indian Aircraft Industries A Perspective Study		April	2016
10	Dr. A. Sirisha	3 rd International Conference on Agricultural and Food Engineering (Cafei2016) Sustaining Agriculture, Preserving Life	1	Development and Testing of Generalized Wavelet-Neural Network Based Evapotranspiration Models with Limited Climatic Data in India		Aug	2016

11	D. Vinay Kumar	AAT2016, Istanbul, Turkey	1	Effect of E15 Equivalent Iso-Stoichiometric Gasoline-Ethanol-Methanol Blends on Fuel Economy and Emissions of a Two Stroke Petrol Engine		11-14 Oct	2016
12	Dr. Vidhu KP	ETAE-2016	1	Posture Assessment As a Measure of Work Stress During Tractor Operation	978-93-86256-29-4	Dec	2016
13	Kusuma Guturu	International Conference on Natural Resource Management- Ecological Perspectives	1	Variation in Surface and Hardpan Levels of Wet Rice Fields		Feb 18-20	2016
14	Surabattula Yasodhar	International Conference on Allied Electrical and Communication System (ICAECS)	1	A Hybrid Lithium Ion Energy Storage System Using Aqueous Electrolyte Solution		Dec	2016
2015							
15	S. Krishna Chaitanya	22 nd International Symposium on Smart Structures and Materials & Nondestructive Evaluation and Health Monitoring	1	Design and Investigation of a Linear Smart Actuator	9431	April	2015
16	Dr. Vidhu KP	IEA Triennial Conference, Melbourne, Australia	2	An Insight into the Fatigue and Injury Mechanism of Tractor Operators Body Due to Influence of Impinged Vibration		9-14 Aug	2015
17	Dr. Vidhu KP	Third International Conference on Recent Advances in Science and Engineering	2	Friction Stir Welding of Similar and Dissimilar Aluminum Alloys: A Review		Dec	2015

18	Dr. Vidhu KP	International Conference on Challenges and Emerging Trends In Management & Technology	2	Buying Perceptions of Farmers in Agricultural Tractors - A Case Study in District of Kurnool, AP, India		Dec	2015
2014							
19	Bachina Harish Babu	International Conference on Innovative Design, Analysis and Development Practices In Aerospace & Automotive Engineering	2	The Effect of Injection Pressure on Engine Performance While the Engine is Running on Electrolytically Generated Hydrogen Oxygen Mixture	Issue 1	Feb	2014
20	S. Krishna Chaitanya	Advances in Control and Optimization of Dynamical Systems	1	Design and Control of Shape Memory Alloy Actuated Grippers	3(1), 400-407	March	2014
21	S. Krishna Chaitanya	Advances in Control and Optimization of Dynamical Systems	1	Control of Shape Memory Alloy Actuated Gripper Using Pulse-Width Modulation	3(1), 408-413	March	2014
22	Aminul Islam	Hydrology in a Changing World: Environmental and Human Dimensions Proceedings of Friend-Water	2	Estimation of Runoff Curve Numbers Using a Physically-Based Approach of Preferential Flow Modelling	IAHS Publ. 363, 2014	Oct	2014
23	Dr. A. Sirisha	19 th International Conference on Hydraulics, Water Resources, Coastal and Environmental Engineering	1	Development of Generalized Neural Network Based ET _o Models from Limited Climatic Data for Different Agro-Ecological Regions in India	3	Dec	2014

24	Dr. Vidhu KP	HWWE, International Ergonomics Conference, IIT Guwahati	1	Effect of Tractor Driving on Spinal Problems: A Methodical Study	McGrawhill Publishers, 666-671 (978-93-392-1970-3)	3-5 Dec	2014
2013							
25	S. Krishna Chaitanya	3 rd Asian Conference on Mechanics of Functional Materials and Structures (ACMFMS12)	1	Design, Development and Investigation of Novel Smart Grippers Driven By Niti Fibers	10034	Jan	2013
26	S. Krishna Chaitanya	7 th IEEE Multi-Conference on Systems and Control (MSC 2013) - International Conference on Control Applications	1	Control of Shape Memory Alloy Actuated Gripper Using Sliding Mode Control	1247 - 1252	Aug	2013
27	S. Krishna Chaitanya	7 th IEEE Multi-Conference on Systems and Control (MSC 2013)- International Symposium on Intelligent Control (ISIC)	1	Demonstration of Self-Sensing in Shape Memory Alloy Actuated Gripper	218 - 222	Aug	2013
28	S. Krishna Chaitanya	Ninth International Conference on Intelligent Unmanned Systems	1	Design of A Precise Tracking Shape Memory Alloy Wire Actuated Gripper		Sept	2013
29	Dr. Vidhu KP	HWWE, International Ergonomics Conference, Midnapur, WB	1	Muscle Fatigue As a Measure of Work Stress in Tractor Operation	78-88 (ISSN: 978-93-5174-905-90)	4-6 Dec	2013

2012

30	Dr. Vidhu KP	HWWE, ERGO 2012: Safety for All, Pantnagar	1	Effect of Hand Transmitted Vibration Exposure on Operator in Farming Tractor		6-8 Dec	2012
31	S. Krishna Chaitanya	6 th International Conference on Sensing Technology	1	Position Control of Shape Memory Alloy Actuated Gripper	359 - 364	Dec	2012

INTERNATIONAL CONFERENCES AT ANDHRA PRADESH

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2017							
1	Dr. A. Sirisha	International Conference On Emerging Trends In Water Resources And Environmental Engineering, MaharajVijayaramGajapathi Raj College of Engineering, Vijayanagaram	1	Evaluation of Different Solar Radiation Estimation Methods for Indian Locations		March 30- April 01	2017
2	Aminul Islam	International Conference On Emerging Trends In Water Resources And Environmental Engineering, MaharajVijayaramGajapathi Raj College of Engineering, Vijayanagaram	1	Comparison of Saturated Hydraulic Conductivity Methods for Sandy Loam Soil with Different Land Uses		March 30- April 01	2017
3	Dr. A. Sirisha	International Conference On Emerging Trends In Water Resources And Environmental Engineering, MaharajVijayaramGajapathi Raj College of Engineering, Vijayanagaram	2	On-Farm Reservoir Rainwater Harvesting Technology for Dryland Agriculture Systems in India to Enhance Water Productivity under Vulnerable Climate Change		March 30- April 01	2017