

**2020 IEEE International
Conference on Technology,
Engineering, Management for
Societal impact using Marketing,
Entrepreneurship and Talent
(TEMSMET 2020)**

**Bengaluru, India
10 December 2020**



**IEEE Catalog Number: CFP20Z30-POD
ISBN: 978-1-6654-4641-9**

**Copyright © 2020 by the Institute of Electrical and Electronics Engineers, Inc.
All Rights Reserved**

Copyright and Reprint Permissions: Abstracting is permitted with credit to the source. Libraries are permitted to photocopy beyond the limit of U.S. copyright law for private use of patrons those articles in this volume that carry a code at the bottom of the first page, provided the per-copy fee indicated in the code is paid through Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923.

For other copying, reprint or republication permission, write to IEEE Copyrights Manager, IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08854. All rights reserved.

****** This is a print representation of what appears in the IEEE Digital Library. Some format issues inherent in the e-media version may also appear in this print version.***

IEEE Catalog Number:	CFP20Z30-POD
ISBN (Print-On-Demand):	978-1-6654-4641-9
ISBN (Online):	978-1-6654-0482-2

Additional Copies of This Publication Are Available From:

Curran Associates, Inc
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: (845) 758-0400
Fax: (845) 758-2633
E-mail: curran@proceedings.com
Web: www.proceedings.com

CURRAN ASSOCIATES INC.
proceedings
.com

**2020 IEEE International Conference on Technology, Engineering,
Management for
Societal impact using Marketing, Entrepreneurship and Talent
(TEMSMET)
10th December 2020 (09:00 AM to 05:30 PM, IST)
Organize by IEEE TEMS & REVA University Bengaluru, India.**

Table of Contents

S1A: Computer Science & Engineering	Pages
A Study of Big Data and Classification of NoSQL Databases <i>Jeelani Ahmed and Muqem Ahmed</i>	1-8
TECHNOLOGY100 - An Application for Women Safety <i>Deepika Pomendkar, Sakshi Milkhe, Tania Rajabally and Sunil Ghane</i>	9-14
An Automated System for Identification of the Medicinal Leaf using MKSVM <i>Mrutyunjaya Hiremath, Savitha Patil and Dr M. Sasikala</i>	15-20
Multivariate Statistical Investigation of Climatic Changes for Northern & Southern Hemisphere <i>Kedar Patel, Jaimin Shimpi and Dhaval Kambaliya</i>	21-25
Evaluation of Banking Standards to ascertain their suitability for building Data Models for Big data based Data Lake for Banking Domain <i>Nirmal Satyendra Badugu, Neeraja Swami and Priyanka Bhailume</i>	26-31
An efficient framework for classifying the Clothing items based on fashion and fabric of the images <i>Suvarna Nandyal and Nikhil Tengli</i>	32-36
S1B: Computer Science & Engineering	Pages
Classifying the Risk of Relapse in Multiple Myeloma <i>Nimrita Koul and Sunilkumar S Manvi</i>	37-40
Multi-Attributed and Structured Text-to-Face Synthesis <i>Rohan Wadhawan, Tanuj Drall, Shubham Singh and Shampa Chakraverty</i>	41-47
BREAST CANCER HISTOPATHOLOGICAL IMAGE CLASSIFICATION USING EFFICIENTNET ARCHITECTURE <i>Maheshvar Chandrasekar, Mukkesh Ganesh, Saleena B and Prakash Balasubramanian</i>	48-52
Centrality Measure analysis on Protein Interaction Networks <i>Anooja Ali, Dr. Vishwanath Hulipalled and Dr. Siddanagouda Patil</i>	53-57
A Comprehensive Survey of Classification Algorithms for Formulating Crop Yield Prediction Using Data Mining Techniques. <i>Chandana C and Parthasarathy G</i>	58-62
Adaptive Background Generation Method for Automated Teller Machine (ATM) with an Integrated Video Monitoring System <i>Suvarna Nandyal and Sanjeevkumar Angadi</i>	63-67
S1C: Computer Science & Engineering	Pages
Artificial Neural Network for Weather Forecasting: A Review <i>Anjali Jain, Neelam Verma and Ushakiran Huiningsumbam</i>	68-74
S1D: Management:	Pages
An agile-stage-gate model for medical startups: A case study of a medical product startup in Thailand <i>Techawit Hirisatja, Panita Surachaikulwattana and Boonrat Lohwongwatana</i>	75-80

An Innovative Approach: Coupling Project Based Learning and Game Based Approach in Teaching Software Engineering Course <i>Massoud Massoudi, Dr. Ruchika Malhotra and Professor Rajni Jindal</i>	81-85
Software Engineering Education and Training In Afghanistan: Status, Issues and Comparative Study of The Two SE Departments <i>Massoud Massoudi, Ruchika Malhotra and Rajni Jindal</i>	N/A
Impact of Covid-19 on Undergraduate and Postgraduate Students' Usage Intention towards E-learning <i>Dr. Narender Singh Bhati and Dr. Bhavana Arya</i>	95-99
Lock down Effect of Novel Covid-19 Pandemic on Work Efficiency <i>Dr. Rakhi Tiwari and Dr. Manisha Singh</i>	N/A
S2A: Electrical & Electronics Engineering	Pages
Detection of Choking Moments in College Tennis Based Upon Sport Specific Performance Patterns <i>Stepan Vancurik and Dale W. Callahan</i>	108-113
A Review on Feasibility of Solar Based Renewable Energy: A Projection Up to 2050 <i>Nasim Mia, Saikat Das, Moazzam Hossain and Nadim Ahmed</i>	114-119
AUTOENCODER BASED NETWORK ANOMALY DETECTION <i>Ganesh Mukkesh, Kumar Akshay and V Pattabiraman</i>	120-125
An Automatic Load Current Sharing Scheme in Parallel Connected DC-DC converters and its Application in Spacecraft Power System <i>Asha Anand, Shivaprakash B and Ramesh Gupta</i>	126-130
A Robust Routing Strategy for Congestion Resilient Communication through Augmented Network-Aware and Multi-Parameter Assistance for Optimal Routing Decision in Zone Routing Protocol <i>Suhaas K P and Dr. Senthil S</i>	131-136
Compliance: Conquer the rules for a better product <i>Sumandra Ghosh Chowdhury, Amarja Mohan, Srividya Subbarao and Sujatha Bandela</i>	137-142
S2B: Electrical & Electronics Engineering	Pages
Sensor Based System to Study the Native Environmental Conditions of Stagnant Water <i>Abhishek Kumar M, Deekshitha R, Gaurav G, Inchara R and Pushpamala S</i>	143-147
A Review on Power Generation from Wind Power Created By Fast Moving Train Perspective Bangladesh <i>Nasim Mia, Saikat Das, Dipta Mazumder and Showhanur Rahman</i>	148-152
PERFORMANCE OPTIMIZATION OF PLANAR DIRECTIONAL COUPLER <i>Harsh Dashora, Jitendra Kumar and Mamatha D</i>	153-156
EFFECT OF DIELECTRIC SUBSTRATE AND SUBSTRATE SELECTION AT MICROWAVE FREQUENCIES <i>Harsh Dashora, Jitendra Kumar and Mamatha D</i>	157-160
Self-Tuning of Multivariable Plant <i>Ujjwal Yadav and Neelam Verma</i>	161-166
Implementation of Hermite Collocation for Mathematical Model of the Pulp Washing <i>Satinder Pal Kaur, Ajay Kumar Mittal and Vijay Kumar Kukreja</i>	N/A
S2C: Electrical & Electronics Engineering	Pages
A Compact Safety System for Women Security using IoT <i>Prabhat Kumar Panda, Bhuvaneshwari Mehtre, Sunil D M, Devanathan M, Subhash B K and Sashmita Kumari Panda</i>	172-177
S2D: Civil and Mechanical Engineering	Pages
Behavior of Soil in Settlement of Foundation: Experimental Approach <i>Hemraj Kumavat, Rohan Kumavat, Saurabh Gavande Gavande, Sanika Chavan Chavan and Jayesh Mahajan</i>	178-181
Influence of manufacturing process on automotive crush can performance <i>Venkateswarlu Gattineni and Venukumar Nathi</i>	N/A
Wave force on a floating thin plate in intermediate water using VOF method <i>Deepak Kumar Singh and Pradip Deb Roy</i>	188-192