

**TWO DAYS NATIONAL CONFERENCE ON "RECENT ADVANCES IN
ENGINEERING, TECHNOLOGY AND SCIENCE-2K19" (NCRÆETS 2019)**

MECHANICAL ENGINEERING

Day 1 Friday 26-04-2018
Venue : Mechanical Seminar Hall, Polytechnic building

Session I

Time : 11-45 am to 1-00 pm

Session Chair:

Presentation Time / Paper: (8 +2) Minutes

Sl. No.	Paper No.	Paper Title	Authors
1.	ME-001	Design of Non return Valve (NRV) for Injection Moulding Machine and Optimization of Materials for NRV using FE Based Approach	K P Chandraiah & Dr G R Selokar
2.	ME-002	Analysis of Pressure Die-casting for Cylinder Head Component Using ESI Pro-cast	Mohan N, Raghavendra T A & Siddeshkumar N G
3.	ME-003	Design and Fabrication of a Thermoelectric Air Conditioner cum Refrigerator using E-Waste	Bharath K G, Hemanth K G, Niranjanaradhya N, Pavankumar J & Thara R
4.	ME-004	Review on Experimental study in Electrochemical Discharge Machining Process	Abhilash V, Mahantaswami, Manjunatha Reddy K P, Raxithgouda S Patil & Ravikumar K R
5.	ME-005	A Review on Production Methods of LM Matrix with Particulate Reinforcement	Santhosh T U & Mohan N

Session II

Time : 2-00 pm to 3-15 pm

Session Chair:

Presentation Time / Paper: (8 +2) Minutes

Sl. No.	Paper No.	Paper Title	Authors
6.	ME-006	Design and Optimization of Variable Twin Scroll Turbo Charger	Sadiqa A & K P Chandraiah
7.	ME-007	A Review on Solar Water Pump with Auto tracking	Ravikumar D S, Manu K B, Pavan K S, Raghavendra K & VijayKumar R K
8.	ME-008	Review Article- Synthesis and Characterization of Al6061 Reinforced with Boron Carbide and Graphite	Arahanth, Sindhu K N, Lokesh G & Raghavendra M Nucchi
9.	ME-009	A Review on Automatic Side Stand of Two Wheeler	Prasanth S, Shivaraj Yadav C, Sridhar N J, Tirupati Moteppa Rathod & Vinod T H
10.	ME-010	A Review on zirconium and its alloys as a reinforcement with aluminium based metal matrix composites	Avinash N, Manoj Kumar Naik B, Pradeep P S & Prajwal C R
11.	ME-011	Correlation of Microstructure, Corrosion and Wear Behaviour of Thermal Spray Thin Film Coated Al2024 Alloy and Its Composites	Thippeswamy J C & Chethan K M

TEA BREAK: 3-15 to 3-30 pm

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Session III

Time: 3-30 pm to 5-00 pm

Session Chair:

Presentation Time / Paper: (8 +2) Minutes

Sl. No.	Paper No.	Paper Title	Authors
12.	ME-012	Design and Analysis of BMW Engine Flywheel through FE Analysis	Ravi K N & K. P Chandraiah
13.	ME-013	Development and Modeling analysis of Electrochemical Discharge Machining for Non-conductive Materials	Ravi Kumar K R & Dr Sathisha N
14.	ME-014	SMS Based Vehicles Theft Deterrent System by Sequential Controlled System of Automobiles	Maltesha P J, Amarnath M, Maruti Dodmani, Amrutha M, Sahana
15.	ME-015	Review Paper on Maglev Windmill with Solar Panel	Maltesha P J, Amrutha M, Karthik G K, Pidapa Jeevan Kishore Reddy, Sahana
16.	ME-016	A Review on Solar Energy Dryer for Drying the Agricultural Products	Prashanth S, Hanumesh Nayakar, Govindaraju B N, Komala C M, Harish Kumar K T

Day 2 Saturday 27-04-2018

Venue : Mechanical Seminar Hall, Polytechnic building

ELECTRICAL AND ELECTRONICS ENGINEERING

Session IV

Time: 9-30 am to 11-00 am

Session Chair:

Presentation Time / Paper: (8 +2) Minutes

Sl. No.	Paper No.	Paper Title	Authors
1.	EEE-001	A Review On Prominence And Status of Hybrid Electric Vehicle	Thejaswini R, Dr H B Phani Raju
2.	EEE-002	Simulation of 48 Pulse GTO Statcom	Sowmya
3.	EEE-003	Aerodynamic Windmill With Reverse Charge Protection Using IOT	Vindhya.G, Akshatha.M.P, Rakshitha.H.R, Sowmya T C
4.	EEE-004	Agriculture Drone For Spraying Pesticides	Murulidhara G, Naveen S, Vijay G R
5.	EEE-005	Automated Seed Sowing & Pesticide Spraying Robot Using Bluetooth	Rajesh,Dinesh D S, Kempegowdgaridevegowd, Naveen Kumar, Mrs.Thejaswini R
6.	EEE-006	Solid State Transformers Based Active Control of DC Fault Current During Ride Through In A Multi-Terminal HVDC Systems	Syeda Arifunnisa, Alisha, Ayesha Banu

TEA BREAK: 11-00 to 11-15 am

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ELECTRICAL AND ELECTRONICS ENGINEERING

Session V

Time: 11-15 am to 01-00 pm

Session Chair:

Presentation Time / Paper: (8 +2) Minutes

Sl. No.	Paper No.	Paper Title	Authors
25.	EEE-007	Interleaved Boost Converter with Coupled Inductor For Wide Conversion Range Fed To Dc Micro Grid	Deepak P Hebbalad, And Rajeev B. R
26..	EEE-008	Diagnosis of Internal Faults In A Slip Ring Induction Motor	G. H. Ravikumar
27.	EEE-009	Zigbee Based Wireless Pick and Place Robot	Mr.Jagadisha, K.R.Apoorva T S, Chandrashekara, Gayithri D, Devaraja Urs B P
28.	EEE-010	Monitoring of Highway Wind Power Parameter and Controlling Highway Light Through IOT	Shwetha T M, Umabai
29.	EEE-011	Controlling And Modelling of Fuel Cell Based Stand-Alone Power Generation System	Umabai, Shwetha T M
30.	EEE-012	Nuero-Fuzzy Based Single Phase Multi-Level Inverters Using FPGA	Ameer Ahamed Z, Vamshi Krishna, Suresh B

VALEDICTORY FUNCTION [Medical Hospital Auditorium]: 3.00 to 3-30 pm

HIGH TEA: 3.30 pm