



DTE CODE - 6545

SAMARTH EDUCATIONAL TRUST

**ARVIND GAVALI COLLEGE
OF ENGINEERING**

NAAC ACCREDITED | NBA ACCREDITED

Affiliated to Dr. Babasaheb Ambedkar Technological University (DBATU), Lonere
Approved by AICTE, New Delhi, Recognised by Govt. of Maharashtra, DTE Mumbai

37 YEARS
— OF ACADEMIC —
EXCELLENCE

Achievements of Faculty Members in 2018 – 19:

<https://www.agce.edu.in/files/autonomy/af/2018-2019.pdf>

Sr. No.	Name of the Faculty Member	Department	Award/Recognition	Details
1	Dr. V. K. Bhosale	Computer Science and Engineering	Research Paper Published	Survey on Beacon-Enabled IEEE 802.15.4 MAC Mechanisms
2	Mr. H. A. Karande	Computer Science and Engineering	Presented Research Paper in ICIRTE-2018	Online Paper Checker
3	Ms. Shital Chavan	Computer Science and Engineering	Presented Research Paper in ICIRTE-2018	Shortest Distance based Location Finding
4	Ms. Shital Chavan	Computer Science and Engineering	Attended One Day Workshop	Attended One Day Workshop on "R"
5	Ms. Shital Chavan	Computer Science and Engineering	Completed AICTE Approved FDP	Completed AICTE Approved FDP on "Foundation Program in ICT for Education"
6	Dr. B. M. Nayak	Electrical Engineering	Presented Research Paper in ICIRTE-2018	Self-organizing controller for Asynchronous motor drive Speed Control
7	Ms. V. V. Gaikwad	Electrical Engineering	Presented Research Paper in ICIRTE-2018	Harmonic Mitigation and Reactive Power Compensation by Shunt Active Filter using p-q Theory
8	Ms. V. V. Gaikwad	Electrical Engineering	Published Research paper	A Review on D-STATCOM Based Voltage Regulator for Power Quality Improvement in Low Voltage Distribution Grid
9	Ms. S. S. Jadhav	Electrical Engineering	Presented Research Paper in ICIRTE-2018	Techno-economic of Energy Production and Net Metering of Grid Connected Rooftop Photovoltaic System in Maharashtra





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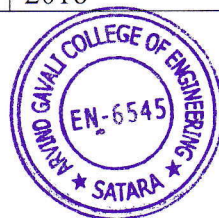
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10	Dr. G S Mirajkar	Electronics and Telecommunication Engineering	Research Paper Published	Earthquake Magnitude Prediction using Neural Networks and AI [UGC CARE]
11	Dr. G S Mirajkar	Electronics and Telecommunication Engineering	Research Paper Published	Outdoor Node Localization in WSN for Industry Applications using Machine Learning [UGC CARE]
12	Dr. G S Mirajkar	Electronics and Telecommunication Engineering	Research Paper Published	Applications of Wavelets in SAR Image Analysis: An Environmental Perspective [UGC CARE]
13	Dr. G S Mirajkar	Electronics and Telecommunication Engineering	Received Research Grant	Received Research Grant of Rs. 2 Lakh under DBATU, TEQIP-3, CIRP
14	Dr. V. S. Hingmire	Electronics and Telecommunication Engineering	Presented Research Paper in ICIRTE-2018	Wireless Network Control System: Review
15	Dr. V. S. Hingmire	Electronics and Telecommunication Engineering	Presented Research Paper in ICIRTE-2018	Design of Data Logger for Quality Control of Transformer Oil Filtering
16	Dr. V. S. Hingmire	Electronics and Telecommunication Engineering	Presented Research Paper in ICIRTE-2018	Gesture Controlled Speaking Using Microcontroller
17	Mr. D. B. Jagtap	Electronics and Telecommunication Engineering	Presented Research Paper in ICIRTE-2018	Smart energy meter
18	Mr. D. B. Jagtap	Electronics and Telecommunication Engineering	Presented Research Paper in ICIRTE-2018	Car Post Crash Analysis & Emergency Rescue Alert System (Car Black Box)
19	Mr. D. B. Jagtap	Electronics and Telecommunication Engineering	Presented Research Paper in ICIRTE-2018	Automatic Solar Grass Cutter
20	Mr. D. B. Jagtap	Electronics and Telecommunication Engineering	Presented Research Paper in ICIRTE-2018	IoT Security Threats, Attack Scenarios in data protocol: Focus in MQTT
21	Mr. V. C. Khade	Electronics and Telecommunication Engineering	Presented Research Paper in ICIRTE-2018	Advanced Footstep Power Generation System
22	Mr. V. C. Khade	Electronics and Telecommunication Engineering	Presented Research Paper in ICIRTE-2018	Home security using GSM technique
23	Mr. V. C. Khade	Electronics and Telecommunication Engineering	Presented Research Paper in ICIRTE-2018	IoT Based Patient Health Monitoring System





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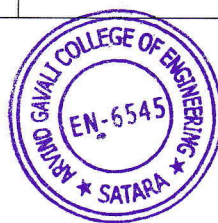
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24	Mr. R. S. Vathare	Electronics and Telecommunication Engineering	Presented Research Paper in ICIRTE-2018	Recent Trends, Protocol Scope for Mobile Devices and Research Challenges in Internet of Things
25	Mr. R. S. Vathare	Electronics and Telecommunication Engineering	Presented Research Paper in ICIRTE-2018	IOT Based Home Automation Using Raspberry Pi
26	Mr. R. S. Vathare	Electronics and Telecommunication Engineering	Presented Research Paper in ICIRTE-2018	Smart vehicle with smart road side units
27	Ms. A. M. Kamble	Electronics and Telecommunication Engineering	Presented Research Paper in ICIRTE-2018	IoT Based Lab Automation System Using Arduino
28	Ms. S. A. Barge	Electronics and Telecommunication Engineering	Presented Research Paper in ICIRTE-2018	Solar Wind Hybrid System with Maximum Power Point Tracking
29	Dr. V. A. Pharande	Mechanical Engineering	Research Paper Published	Performance Analysis of Waste Cooking Oil Biodiesel and its Blends [UGC CARE]
30	Dr. V. A. Pharande	Mechanical Engineering	Research Paper Published	Experimental Investigation of combined effect of thermal performance of thermosyphone heat pipe using Nano-fluid and its analysis [UGC CARE]
31	Mr. S. P. Patil	Mechanical Engineering	Presented Research Paper in ICIRTE-2018	Design And Manufacturing of Drone
32	Mr. S. P. Patil	Mechanical Engineering	Presented Research Paper in ICIRTE-2018	Robocodex
33	Mr. S. P. Patil	Mechanical Engineering	Presented Research Paper in ICIRTE-2018	A Review on Combustion, Performance and Emission Characteristics of Diesel and Biodiesel Fuelled Engine
34	Mr. S. P. Patil	Mechanical Engineering	NPTEL Certification	NPTEL Certification for Introduction to Research
35	Mr. S. S. Ghadage	Mechanical Engineering	Presented Research Paper in ICIRTE-2018	Review on Increasing Heat Transfer by Using Nanofluids in Radiator
36	Mr. S. S. Ghadage	Mechanical Engineering	Presented Research Paper in ICIRTE-2018	To Study the influence of Mexicana Biodiesel, its blends and Ethanol as Additive in Diesel





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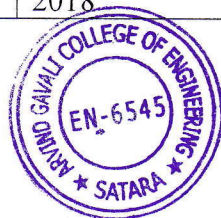
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37	Mr. A. A. Kadam	Mechanical Engineering	Presented Research Paper in ICIRTE-2018	Weight Optimization of Butterfly Valve by Redesigning and FEA Analysis
38	Mr. A. A. Kadam	Mechanical Engineering	Presented Research Paper in ICIRTE-2018	Design And Development of Six Way Valve
39	Mr. A. V. Kamble	Mechanical Engineering	Presented Research Paper in ICIRTE-2018	Design and Optimization of Steering Knuckle with Integrated Spindle
40	Mr. A. V. Kamble	Mechanical Engineering	Presented Research Paper in ICIRTE-2018	Design and Development of Automatic Pneumatic Bumper for Four Wheeler
41	Mr. S. M. Patil	Mechanical Engineering	Presented Research Paper in ICIRTE-2018	Experimental Analysis of Heat Transfer Enhancement by Using Various Insertions of Twisted Tapes
42	Mr. S. M. Patil	Mechanical Engineering	Presented Research Paper in ICIRTE-2018	Design of Progressive Tool for Mounting Bracket of Fuel Tank
43	Mr. P. B. Bamankar	Mechanical Engineering	Presented Research Paper in ICIRTE-2018	Performance & Emission Analysis by Using Biodiesel & Its Blends (Chicken Fat)
44	Mr. P. B. Bamankar	Mechanical Engineering	Presented Research Paper in ICIRTE-2018	Performance Study of Electrical Discharge Machining (EDM) Process
45	Mr. P. B. Bamankar	Mechanical Engineering	Presented Research Paper in ICIRTE-2018	An experimental study on performance characteristics Of waste cooking oil blends with diesel in a VCR engine
46	Mr. Pradeep Waghmode	Mechanical Engineering	Presented Research Paper in ICIRTE-2018	A Review on the Thermo Acoustic Refrigeration System
47	Mr. A. S. Kulkarni	Mechanical Engineering	Presented Research Paper in ICIRTE-2018	Multi-Objective Optimization of Multi-pass Turning Parameters by Response Surface Methodology
48	Mr. M. V. Matkar	Mechanical Engineering	Presented Research Paper in ICIRTE-2018	A Review Paper on Design and Development of Sheet Bending Machine
49	Mr. M. V. Matkar	Mechanical Engineering	Presented Research Paper in ICIRTE-2018	Review On Special Purpose Horizontal Boring Machine





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50	Mr. Sandeep Jadhav	Mechanical Engineering	Presented Research Paper in ICIRTE-2018	Investigation of process parameter of laser beam machine for ferrous and non-ferrous material: Review
51	Mr. K. A. Kumavat	Mechanical Engineering	Presented Research Paper in ICIRTE-2018	Study of Effect of Solid Contaminants in the Lubricant for Ball Bearings Vibration Response



Principal
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Panmalewadi, Satara