

DTE Institute Code : 6217

Shri Balasaheb Mane Shikshan Prasarak Mandal's ASHOKRAO MANE GROUP OF INSTITUTIONS

An Autonomous Institute

Address : Vathar Tarf Vadgaon, Tal. Hatkanangale, Dist. Kolhapur - 416 112 (Maharashtra)

Mobile No.: 9767541111 **Email :** director@amgoi.edu.in **Website :** www.amgoi.edu.in

Approved by : AICTE, New Delhi No. F-No. MS (NewInt) 2009 / 08, Higher & Technical Education Department, Govt. of Maharashtra, Directorate of Technical Education, Mumbai. **Affiliated to :** Dr. Babasaheb Ambedkar Technological University, Lonere - Raigad. (B.Tech. & M.Tech. Programs), Shivaji University, Kolhapur. (MBA Program).

Accredited by NAAC



Estd 2009

Founder President
Late Shri. Ashokrao Mane

President
Hon. Shri. Vijaysinh A. Mane

Ref. No. :

Date :



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Vathar Tarf Vadgaon | Kolhapur | Maharashtra

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Record No.: AMGOI/R&D/305

RESEARCH & DEVELOPMENT CELL

Date:14 /08/2025

RGSTC university grant scheme List

Sr. No.	Department	Principal Investigator	Co- Principal Investigator	Title
1	E&TC	Prof. Kaustubh G. Pise	Dr. Digvijay J. Pawar	Safety-Critical Applications of an IoT-Enabled Gesture-Controlled Robotic Manipulator with Real-Time Remote Operation
2	E&TC	Prof. Kaustubh G. Pise	Dr. Vinaya K Thombare	Design and Development of a Modular Electric Two-Wheeler for Rural and Semi-Urban Utility Applications
3	Electrical	Dr. Vinaya K Thombare	Dr. Vishal S Wadkar	Design and Development of Intelligent Bidirectional EV Charging Infrastructure Integrated with a Solar-Powered Microgrid
4	Electrical	Dr. Vinaya K Thombare	Prof. Kaustubh G. Pise	Energy Management in DC Microgrids with Hybrid Energy Storage Systems
5	CSE	Prof. Suraj S.Redekar	Prof.Pradnya P.Nagarale	Interactive Skills Enhancer: A virtual Reality-Based Learning platform for enhancing Social,Emotional and cognitive Abilities in Children with Autism Spectrum Disorder,Intellectual Disabilities,and Attention-Deficit/Hyperactive Disorder
6	E&TC	Dr.Seema S.Patil	Prof.Sarvajeet A. Bhosale	Development of Smart Robotic Structure for Yield Estimation of Dragon Fruit Orchard
7	E&TC	Dr.Seema S.Patil	Mr.Sahil Mulani	Development of Emotion Detection Robot and Response System to Human Facial Expression

8	E&TC	Dr.Seema S.Patil	Ms.Vidya Patil	Intelligent Driver Health Monitoring System and Lane Detection System for Commercial Vehicle
9	E&TC	Prof.Shilpa A. Shankardas		VisionAid: Smart Guiding Glasses For the Visually Impaired Using Computer Vision
10	Civil	Dr.Jaydeep M. Shinde	Prof.Sarvajeet A. Bhosale	IoT-Based Smart Home Automation System for Energy Efficiency and Safety
11	ASH	Dr. Amol A. Suryawanshi	Dr. Sujata B. Patil	Chemically synthesized Zn doped NiCo2O4 electrodes for supercapacitor device
12	Mechanical	Mr.M.A. Sutar	-	Solar-Assisted Electric Vehicle Mobility Solutions for Rural and Semi-Urban India: A Sustainable S&T-Based Approach



Dr. Mrs. S. R. Chougule
DIRECTOR

Shri Balasaheb Mane Shikshan Prasarak Mandal's
Ashokrao Mane Group Of Institutions
Vathar Tarf Vadgaon, Tal. Hatkanangale
Dist. Kolhapur, Maharashtra - 416112