



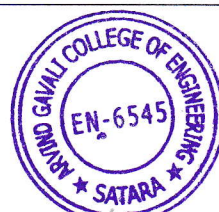
DTE CODE - 6545

**SAMARTH EDUCATIONAL TRUST**  
**ARVIND GAVALI COLLEGE**  
**OF ENGINEERING**

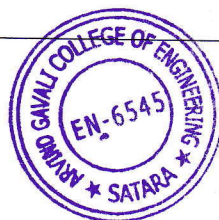
NAAC ACCREDITED | NBA ACCREDITED

Affiliated to Dr. Babasaheb Ambedkar Technological University (DBATU), Lonere  
Approved by AICTE, New Delhi, Recognized by Govt. of Maharashtra, DTE Mumbai**Achievements of Faculty Members [2023 – 24]:**<https://www.agce.edu.in/files/autonomy/af/2023-2024.pdf>

Sr. No.	Name of the Faculty Member	Department	Award/Recognition	Details
1	Mr. R. N. Sapkal	Civil Engineering	Attended One Week Online FDP	One Week Online FDP on "Artificial Intelligence and Generative Models"
2	Mr. R. N. Sapkal	Civil Engineering	Attended Five Days Workshop	Five Days Workshop on "Microsoft Excel and Data Visualization"
3	Mr. R. N. Sapkal	Civil Engineering	Attended One Week FDP	One Week FDP on "Mastering Modern Deep Learning and Data Science"
4	Mr. R. N. Sapkal	Civil Engineering	Attended One Day FDP	One Day FDP for the "Intellectual Property Rights (IPR)"
5	Dr. P. R. Bamane	Civil Engineering	Indian Design Patent	Design on Innovative High Strength Pervious Concrete Paver Blocks Incorporating Thermocol Pieces
6	Dr. V. K. Bhosale	Computer Science and Engineering	Research Paper Publication	A Novel and Optimized IoT-ML Based Plant Classification, Monitoring and Prediction System [SCOPUS]
7	Dr. V. K. Bhosale	Computer Science and Engineering	Research Paper Publication	Deep Reinforcement Learning for Autonomous System and Robotics [SCOPUS]
8	Dr. V. K. Bhosale	Computer Science and Engineering	Research Paper Publication	Driver's Safety Technology using Machine Learning
9	Dr. V. K. Bhosale	Computer Science and Engineering	Attended One Week FDP	One Week FDP on "Artificial Intelligence and Generative Models"
10	Dr. V. K. Bhosale	Computer Science and Engineering	Attended ISTE Approved Online FDP	ISTE Approved Online FDP on "Research Grants and Patents"
11	Dr. V. K. Bhosale	Computer Science and Engineering	Faculty Coordinator	Faculty Coordinator at Workshop Entitled "Machine Learning" of Techradiance'24
12	Dr. V. K. Bhosale	Computer Science and Engineering	NPTEL Certification	NPTEL Elite Certification for "Python for Data Science"
13	Dr. V. K. Bhosale	Computer Science and Engineering	Published Text Book	Published Text Book Titled "Data Structures"



14	Dr. V. K. Bhosale	Computer Science and Engineering	Reviewer	Reviewer for the "2 <sup>nd</sup> IEEE International Conference on Blockchain and Distributed Systems Security 2023"
15	Dr. V. K. Bhosale	Computer Science and Engineering	Reviewer for Journal	Certificate of Reviewing for Journal of Communication Engineering & Systems
16	Dr. S. Y. Mulla	Computer Science and Engineering	Research Paper Publication	Effective Elytron Vespide-B Rank Bilstm Classifier for Multi Document Summarization [Web of Science]
17	Dr. S. Y. Mulla	Computer Science and Engineering	Research Paper Publication	Over comparative study of text summarization techniques based on graph neural networks [Web of Science]
18	Dr. S. Y. Mulla	Computer Science and Engineering	Research Paper Publication	Weighted Graph Embedding Feature with Bi-Directional Long Short-Term Memory Classifier for Multi-Document Text Summarization [Web of Science]
19	Dr. S. Y. Mulla	Computer Science and Engineering	Participation in DIPEX 2024	Guided the project titled, "Road Sense Guardian Using Deep Learning"
20	Mr. V. B. Gujar	Computer Science and Engineering	Attended Three Days Online FDP	Three Days Online FDP on "Research Paper Writing & I.P. Rights"
21	Mr. V. B. Gujar	Computer Science and Engineering	Attended Five Days Online FDP	Five Days Online FDP on "Industrial Research and Consultancy"
22	Mr. V. B. Gujar	Computer Science and Engineering	Attended Five Days National Level Online FDP	5 Days National Level Online FDP on Recent Trends in Teaching and Learning Pedagogy (multidisciplinary)
23	Mr. V. B. Gujar	Computer Science and Engineering	NPTEL Certification	NPTEL Certification for "Deep Learning"
24	Mr. V. B. Gujar	Computer Science and Engineering	Indian Design Patent	AI Powered Secure Delivery Robot
25	Mrs. R. M. Mandhare	Computer Science and Engineering	Attended One Week FDP	One Week FDP on "Innovative Practices in Teaching Learning Process"



26	Mrs. R. M. Mandhare	Computer Science and Engineering	Attended ISTE Approved Online FDP	ISTE Approved Online FDP on "Research Grants and Patents"
27	Mrs. R. M. Mandhare	Computer Science and Engineering	Attended National Level AICTE-ISTE Approved Two Weeks FDP (Online mode)	National Level AICTE-ISTE Approved Two Weeks FDP (Online mode) on "Innovative Teaching and Research Methodologies"
28	Mrs. R. M. Mandhare	Computer Science and Engineering	NPTEL Certification	NPTEL Certification for "Research Methodology"
29	Mrs. R. M. Mandhare	Computer Science and Engineering	NPTEL Certification	NPTEL Certification for "Introduction to Machine Learning"
30	Mrs. R. M. Mandhare	Computer Science and Engineering	NPTEL Certification	NPTEL Certification for "Data Science for Engineers"
31	Mrs. R. M. Mandhare	Computer Science and Engineering	NPTEL Certification	NPTEL Certification for "Python for Data Science"
32	Mr. P. A. Pathak	Computer Science and Engineering	Attended ISTE Approved Online FDP	ISTE Approved Online FDP on "Hands on Cloud Computing with Different Tools and Services"
33	Ms. S. A. Waghmare	Computer Science and Engineering	Attended Five Days National Level Online FDP	Five Days National Level Online FDP on "Recent Trends in Teaching and Learning Pedagogy (multidisciplinary)"
34	Dr. B. M. Nayak	Electrical Engineering	Research Paper Publication	AI-Enhanced Digital Forensics: Automated Techniques for Efficient Investigation and Evidence Collection [SCOPUS]
35	Dr. G S Mirajkar	Electronics and Telecommunication Engineering	Attended One Day FDP	One Day FDP for the "Intellectual Property Rights (IPR)"
36	Dr. G S Mirajkar	Electronics and Telecommunication Engineering	Attended Five Days Online FDP	Five Days Online FDP on "Industrial Research and Consultancy"
37	Dr. G S Mirajkar	Electronics and Telecommunication Engineering	Member of BoE, DBATU, Lonere	Member of BoE, DBATU, Lonere
38	Dr. G S Mirajkar	Electronics and Telecommunication Engineering	Signed Book Contract with Elsevier	Intelligent Biomedical Technologies and Applications for Healthcare 5.0



39	Dr. G S Mirajkar	Electronics and Telecommunication Engineering	Presented Paper in International Conference	Presented Research Paper in SEMIT-2023, "Image Processing in Toxicology: A Systematic Review"
40	Dr. V. S. Hingmire	Electronics and Telecommunication Engineering	Research Paper Publication	AI-Enhanced Digital Forensics: Automated Techniques for Efficient Investigation and Evidence Collection [SCOPUS]
41	Dr. V. S. Hingmire	Electronics and Telecommunication Engineering	Attended Five Days National Level Online FDP	Five Days National Level Online FDP on Recent Trends in Teaching and Learning Pedagogy (multidisciplinary)
42	Dr. V. S. Hingmire	Electronics and Telecommunication Engineering	UK Design Patent	Vertical Autoclave
43	Dr. V. S. Hingmire	Electronics and Telecommunication Engineering	Published Text Book	Published Text Book Titled "Data Structures"
44	Dr. A. N. Khadtare	Mechanical Engineering	Research Paper Publication	CuO Nanoparticle Size Effect on Inconel-718 Turning with Nanofluid Minimum Quantity Lubrication [SCOPUS]
45	Dr. A. N. Khadtare	Mechanical Engineering	Research Paper Publication	Experimental Study in Micro-drilling Mechanism on Heterogeneous Structure of Thermal Barrier Coated Inconel 718 Superalloy [SCOPUS]
46	Dr. A. N. Khadtare	Mechanical Engineering	Research Paper Publication	Preparation and Analysis of New Hybrid PAEK Nano-Composites Containing MWCNT, Inorganic and Organic Nano-Particles [SCOPUS]
47	Dr. A. N. Khadtare	Mechanical Engineering	Attended One Week Faculty Development Programme	One Week Faculty Development Programme on "Innovative Practices in Teaching Learning Process"
48	Dr. A. N. Khadtare	Mechanical Engineering	NPTEL Certification	NPTEL Certification in "Mechanics of Sheet Metal Forming"



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, Recognized by Govt. of Maharashtra, DTE Mumbai

**37** YEARS  
OF ACADEMIC  
**EXCELLENCE**

49	Mr. S. P. Patil	Mechanical Engineering	Research Paper Publication	Innovative Heat Transfer Heat Exchange: An Experimental Investigation with Minijet Improvement [SCOPUS]
50	Mr. S. P. Patil	Mechanical Engineering	NPTEL Certification	NPTEL Certification for Production Technology: Theory and Practice [Elite]
51	Mr. S. P. Patil	Mechanical Engineering	NPTEL Certification	NPTEL Certification for Manufacturing Systems Technology I & II
52	Mr. S. P. Patil	Mechanical Engineering	Reviewer of International Journal	Reviewer of International Journal of Materials Science and Applications
53	Mr. S. P. Patil	Mechanical Engineering	Reviewer of International Journal	Reviewer of American Journal of Mechanical and Materials Engineering
54	Mr. S. P. Patil	Mechanical Engineering	Editorial Member	Edwin Group of Journal (Editorial Member)
55	Dr. V. A. Pharande	Mechanical Engineering	Research Paper Publication	Technical Analysis and Performance Evaluation of Retrofitted Electric Auto Rickshaws (E-TAR) in Rural India [SCOPUS]
56	Dr. V. A. Pharande	Mechanical Engineering	Indian Design Patent	Self-Heating Tiffin Box
57	Dr. V. A. Pharande	Mechanical Engineering	Indian Design Patent	Productivity Based Incentive Device
58	Dr. V. A. Pharande	Mechanical Engineering	BOS of Affiliating University	BOS of DBATU, Lonere
59	Dr. M. Sonachalam	Mechanical Engineering	Research Paper Publication	Optimization of Manifold Injection in DI Diesel Engine Fuelled with Acetylene [SCOPUS]
60	Dr. M. Sonachalam	Mechanical Engineering	Research Paper Publication	Impact of Injection Pressure on a Dual-Fuel Engine Using Acetylene Gas and Microalgae Blends of Chlorella Protothecoides [SCOPUS]
61	Dr. M. Sonachalam	Mechanical Engineering	Research Paper Publication	Numerical Investigation of Nox Reduction in a Hydrogen-Fueled Pulse Detonation Engine [SCOPUS]





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

62	Dr. M. Sonachalam	Mechanical Engineering	Research Paper Publication	Analytical Evaluation of Loss Mechanism Effects on PDE Performance with Variation of Refilling Beta Parameters [SCOPUS]
----	-------------------	------------------------	----------------------------	---



**Principal**  
**Principal**

Samarth Educational Trust  
Arvind Gavali College of Engineering  
Panmalewadi, Satara