Fabtech Technical Campus
College of Engineering & Research
The Future Begins Here.

Approved by AICTE, New Delhi; DTE, (M.S.),
Mumbai & Affiliated to Dr. Babasaheb
Ambedkar Technological University,
Lonere, Dist– Raigad & M.S.B.T.E., Mumbai.

DTE CODE– 6756   MSBTE Code–1615

Internal Quality Assurance Cell (IQAC)

Publication for
A.Y.2018-19 to A.Y.2022-23

Sr No.	Auther	Title
1	Prof. J.R.Kadam	Comparative Study of Manufactured morter with Traditional Morter
2	Dr.Tanaji Dhaigude	A LITERATURE SURVEY ON VISUAL CRYPTOGRAPHY FOR SECRET IMAGE SHARING
3	Dr.Tanaji Dhaigude	Sharing secret colour images with embedded visual cryptography using the stamping algorithm and OTP procedure
4	Dr.Tanaji Dhaigude	An Efficient framework to Diagnose diseases using Medical Image Segmentation and Level set method
5	Dr.Tanaji Dhaigude	Embedded Visual Secret Sharing Scheme for Colour Images Using VCS and Digital Watermarking Technique
6	Dr.Somnath Thigale	Classification of Defective and Non Defective Products using conventional nueral network in quality control
7	Dr.Somnath Thigale	Identifying Mango and Its Ripeness Using Image Processing and Machine Learning Approach
8	Dr.Somnath Thigale	Development of Automated Heart Disease Diagnosis System Using Machine Learning Algorithm: Current Status And Future Prospects
9	Prof.A.G.Jadhav	Content-Based Image Search While Maintaining Privacy with Cloud Image Repository
10	Prof.A.G.Jadhav	Implementation on Privacy-Preserving Content-Based Image Retrieval in Cloud Image Repositories
11	Prof.G.G.Kale	Operational Factors affecting the occurrence of undesirable events in Railway System
12	PROF. CH.MALLAREDDY	Voltage Oriented Controller Based Vienna Rectifier for Electric Vehicle Charging Stations
13	PROF. CH.MALLAREDDY,Avinash Anil Suryagan	ELECTRIC VEHICLE BATTERY CHARGING POWER STATION USING PV ARRAY
14	Prof.Sampatkumar	A Robust UDE Based 2DOF Controller for Mitigating sub Synchronous control Interaction in Wind Power Plants
15	prof.Bansode R.T	Smart Medicine reminder and monitoring using Arduino
16	Prof.Rahul Umesh Kale	DISCRIMINATION OF RECTANGLE SEMICIRCLE AND SEMICIRCLE SLOTTED MICROSTRIP ANTENNA
17	Dr. Sharad Laxman Pawar	"Analysis of Various Machine Learning Approach to Detect Anomaly from Network Traffic"
18	Dr. Sharad Laxman Pawar	"A Result Analysis of Supervised Machine Learning Approach to Detect Anomaly from Network Traffic"
19	Prof Raut D.M.	TO STUDY DIFFERENT MACHINE LEARNING ALGORITHMS FOR PREDICTION OF HEART

Fabtech Technical Campus
College of Engineering & Research
The Future Begins Here.

Approved by AICTE, New Delhi; DTE, (M.S.), Mumbai & Affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere, Dist– Raigad & M.S.B.T.E., Mumbai.

DTE CODE– 6756   MSBTE Code–1615

Internal Quality Assurance Cell (IQAC)

20	Prof.Mahadev More	"Content Based Image Retrival Using Different Clustering Techniques"
21	Prof. Patil Durga	Reversible Encryption and information hiding
22	Prof.R.S.Autade	A Review on a composite material of leaf spring for weight optimiazation
23	Prof.S.A.Pawar	Invistigating flow rate and mixing performance arrow type split and recombine micrimixes
24	Prof.S.S.Nikte	A Brief Review of Equatorial Plasma Bubbles
25	Prof. Pandurang D. Jankar	EFFECT OF TEMPERATURE ON FRESHWATER
26	Prof. Tatyasaheb Jagtap	ANALYSIS OF MECHANICAL PROPERTIES OF BAMBOO AND FIBER REINFORCED FOAM CONCRETE
27	Dr.Ravindra Bhimarao Shendge,	EDX Analysis of PVD Coatings on Carbide Cutting Tool
28	Prof. Sidmallappa Dharane ,	COMPOSITE RCC/FERROCEMENT GRID SLAB
29	Prof.Amol A. Metkari	Building Information Modelling in use of Sustainable Building Construction Project
30	Dr.Ravindra Bhimarao Shendge	VALUE ADDITION TO HUMAN RESOURCES THROUGH SHARED EDUCATIONAL ASSETS
31	Prof.Adlinge S.S. ,	WATER RESOURCES MANAGEMENT
32	Prof.Dipali C. Kothavale	IOT BASED DISEASE DETECTION AND PREDICTION OF POMEGRANATE LEAF
33	Prof.Madhuri D. Surwase	Secure Conserving Multiple Keyword Ranked Search over Encrypted Cloud Data
34	PROF. CH.MALLAREDDY	AN INDUCTION GENERATOR-BASED AC/DC HYBRID ELECTRIC POWER GENERATION SYSTEM FOR MORE ELECTRIC AIRCRAFT
35	PROF. CH.MALLAREDDY	DESIGN OF FAULT TOLERANT CONTROL SYSTEM OF VSI-FED INDUCTION MOTOR DRIVES
36	PROF. CH.MALLAREDDY	Boost Derived Hybrid Converter with Simultaneous DC and AC Outputs
37	Prof.Sampathkumar Bodapatala	A novel approach to step-up three input DC to DC Converter for Hybrid Electric Vehicles
38	Prof. B. Sampath Kumar	THE VOLTAGE STABILITY ANALYSIS OF SHIP ELECTRICAL POWER SYSTEM USING ARTIFICIAL NEURAL NETWORK(ANN)
39	Prof.Hanamant Mallad	OPEN-CIRCUIT FAULT DIAGNOSIS IN VSI BY SIMPLE DIRECT CURRENT METHOD
40	Prof.Rupali T. Bansode	AUTOMATIC ENERGY BILL SHOWING ON SINGLE PHASE ENERGY METER
41	Prof.Pallavi M.Bile	AUTOMATION OF DUPLEX MILLING MACHINE BY USING PLC
42	Prof.Smita AnnasahebDhon	RECOGNITION OF FACIAL EXPRESSION IN HUMANS USING IMAGE PROCESSING
43	Prof.Sachin Gade	GENERAL NEW DEFINITION OF ELLIPTICAL INTEGRALS AND ITS APPLICATIONS
44	Prof.Durga Patil	REVERSIBLE ENCRYPTION AND INFORMATION HIDING
45	Prof.Rushikesh N. Deshmuk	Sensor Based Automatic Drip Irrigation System
46	Prof.Mane. S.G,	Experimental and Microstructural Analysis of Welded Joints

Fabtech Technical Campus
College of Engineering & Research
The Future Begins Here.

Approved by AICTE, New Delhi; DTE, (M.S.), Mumbai & Affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere, Dist– Raigad & M.S.B.T.E., Mumbai.

DTE CODE– 6756   MSBTE Code–1615

Internal Quality Assurance Cell (IQAC)

47	Prof.V.S.Jakukore	Experimental/Calibration Procedure of Plastic Sheet Testing Machine
48	Prof. Gawday Jay	Design Analysis and Weight Optimization of Leaf Panal By using Composite Structure
49	Prof. Sanjay Kulal	PERFORMANCE ANALYSIS OF PARABOLIC SOLAR DISH COLLECTOR FOR STAINLESS STEEL AS REFLECTING MATERIALS
50	Prof.Sanjay Pawar,Prof.Ameet Rupnar	EFFECT OF PVD COATED TOOLS ON HYPOEUTECTIC ALUMINIUM ALLOY DURING DRY MACHINING PROCESS
51	Prof.Rahul Autade	DEVELOPMENT OF AUTO FEEDER MECHANISM FOR CRICKET BALL THROWING MACHINE"
52	Prof.Pradeep Pawar	MULTIPURPOSE FERTILIZER SPREADING MACHINE: DESIGN AND FABRICATION
53	Dr.Narendra Narve	COMBINED CONVECTION HEAT TRANSFER THROUGH RECTANGULAR DUCT
54	Prof.Priyanka Pavaskar	DESIGN AND DEVELOPMENT OF ONION SEGREGATION MACHINE
55	Prof.Sunilkumar Bandgar	DESIGN OF MULTI-POWERED SOLAR BOAT
56	Dr.Sahebagounda	Cutting tool wear in dry machine process on entectic alluminium alloy using PVD coated tools
57	Prof.Sanjay Pawar	Fabrication and Characterization of E-Glass Fibre Epoxy and Fly Ash Composites for Automobile Applications
58	Prof.Sanjay Pawar	Design,Development and analysis of PCM Heat Exchanger
59	Prof.Sanjay Pawar	Manufacturing and Characterization of composite materials for automobile applications
60	Prof.Sanjay Pawar	Design,analysis & amp;Development of PCM Heat Exchanger-Review
61	Prof.Sanjay Pawar	Machanical Design Calculation & Intriducation of Fatigue for 6500 Literts pressure level
62	Prof.Sanjay Pawar	Cutting tool wear in dry machine process on hypo entetic alluminium alloy using PVD coated tools
63	Prof.Pradeep Pawar	Effect of tool profile ,rotational speeds and welding speed on mechanical properties and weld quality of friction stir welded 6063-T4 aluminum alloy
64	Dr.Sahebagounda	Study of cutting tool wear of PVD coated tools in Wet machining process
65	Prof.Sanjay Kulal	Design and FeaAnalysis of worm and worm wheelfor automation in hand brake of LMV
66	Prof.Swati Lokare	DETERMINATION MORINGA OLEIFERA SEED TOTAL PHENOLIC CONTENT AND TOTAL FLAVONOID CONTENT
67	Dr.S.S.Nikte	OBSERVATIONS OF VARIATIONS IN SIGNAL STRENGTH OF COSMIC RADIO NOISE FROM SOUTHERN AND NORTHERN HEMISPHERES
68	Sujata J. Ingale	Evalution of Concrete cube Strength at various ages by using Non Destrictive Testing Techniques
69	PROF. CH.MALLAREDDY	FCS-MPC DYNAMIC REACTIVE POWER CONTROL USING HYBRID ACTIVE POWER FILTER
70	Prof.Ch.Mallareddy	Performance Analysis of Fuzzy Logic Controller based Hybrid Series Active Power Filter working under unbalanced supply condition
71	Prof.Ch.Mallareddy	Cascaded Multiport Converter for SRM-Based Hybrid Electrical Vehicle

Fabtech Technical Campus
College of Engineering & Research
The Future Begins Here.

Approved by AICTE, New Delhi; DTE, (M.S.), Mumbai & Affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere, Dist– Raigad & M.S.B.T.E., Mumbai.

DTE CODE– 6756   MSBTE Code–1615

Internal Quality Assurance Cell (IQAC)

72	Prof.Sampathkumar Bodapatala	DETECTION OF EMI BY USING ASTFA AND WAVELET TRANSFORM
73	Prof.Sampathkumar Bodapatala	APPLICATION OF EXTENDED LINEAR MODEL PREDICTIVE CONTROLLER FOR VOLTAGE AND FREQUENCY CONTROL IN MICROGRID
74	CH. Mallareddy	Modeling and Performance Analysis of a Grid-Tie Photovoltaic/Wind Hybrid Power System
75	CH. Mallareddy	ARTIFICIAL NEURAL NETWORK BASED DESIGN AND PERFORMANCE OF THREE-PHASE SOLAR PV INTEGRATED UPQC
76	CH. Mallareddy	IMPROVEMENT OF POWER QUALITY AND DISPLACEMENT FACTOR BY USING IVDFC
77	CH. Mallareddy	Fault Detection in photovoltaic system by using wavelet transform and fuzzy logic
76	Prof. B. Sampath Kumar	Power Quality Improvement by using Three Phase Adaptive Filter Control in Micro Grid
77	Prof.Sanjay Pawar	Static Structual analysis and vibration optimization of automative lower control arm
78	Prof.Pradeep Paear	Exprimental invenstigation and machanical characterisation on aluminium alloy by using FSW
79	Prof.Sanjay Pawar	Review on Fatigue analysis of 6500 Liters pressure vessel by using finite element analysis
80	Prof.Sanjay Pawar	Medel analysis and stiffness optimazation of glass fiber reinforsed mudgaurd using FFT and FEA analysis
81	Mallareddy C	Control Scheme based on Quasi Z-Source Network for Four Switch Three Phase Brushless DC Motor
82	Prof. B. Sampathkumar	Performance analysis of Induction Motor using Different Controller for Speed Control
83	Prof. B. Sampath Kumar	Design of 9-Switch Converter for DFIG System for Active and Reactive Power Control by PID and Fuzzy Logic Controller.
84	Prof.A. D. Waghmode	TRI-PORT CONVERTER FOR FLEXIBLE ENERGY CONTROL OF PV-FED EV WITH SRM
85	prof. Shinde Ganesh N.	A ROBUST DIGITAL IMAGE WATERMARKING USING DWT -PCA
86	Prof. Ajinkya Mane	A vehicle License Plate Detection And Recognition Using Raspberry Pi
87	Prof. Aniket Kharat	Wireless Industrial Parameter Monitoring and Controlling using Raspberry pi 3
88	prof .Durga patil	Smar Ration card using RFID & Raspberry PI
89	Prof. Ashwini B Babar	BLIND READER USING RASPBERRY PI
90	Prof. Pathan Hameed	IoT BASED PATIENT HEALTH MONITORING SYSTEM USING RASPBERRY PI-3
91	Prof. Pathan Hameed	Smart Luggage Carrying Robot using Raspberry pi
92	Prof. Pathan Hameed	Water consumption by self-watering
93	Dr. Suraj S Nikate	Statistical analysis of total column ozone during three recent solar cycles over india
94	Dr. Suraj S Nikate	Study of equatorial plasma bubbles using all sky imager and scintillation technique from kolhapur station
95	Dr. Suraj S Nikate	Season, annual,and interannual variability in MLT quasi two day waves over the low latitude region Kolhapur