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## Patents filed/published

| Sr.No. | Applicant Name | Title of Invention | Date of Filing/Published | Department |
|--------|---------------|-------------------|--------------------------|------------|
| 1 | G.S.Ambadkar B.A.Warhade V.V.Deotare Dr. Lalitkumar Wadhwa | Social distancing, coughing and sneezing indicator for pandemics like covid-19 | In Early Publication Process 202021033201 | E & TC |
| 2 | Prof. Neeta Karhadkar, Prof. Harsha Sarode ,Prof. Sarilka B. Patil , Prof. Dr. Vilas Deotare , Dr. lalitkumar Wadhwa | Salt intake control using digital measuring spoon with blood pressure meter | filed with Application Number:202121008304 | E & TC |
| 3 | Prof. Sarika N. patil. Prof. Sagar Joshi, Prof. Sushma Bhosale, Prof. Nutan Patil, Prof. Dr.Vilas Deotare, Prof. Dr. lalitkumar Wadhwa | Contactless infected surface detector | filed with Application Number: TEMP/E-1/9084/2021-mum | E & TC |
| 4 | Dr.Vilas Deotare | A system for indicating wet floor | filed with Application Number: TEMP/E-1/13117/2021-mum | E & TC |
| 5 | Dr.Vilas Deotare | Protractor for accurate measurement | filed with Application Number: TEMP/E-1/23912/2021-MUM | E & TC |
| 6 | Dr Vilas Deotare | A Device for repelling Intruder Birds | Granted on 21 July 2021 with Application Number:2021103337 | E & TC |
| 7 | Dr Gayatri Ambadkar | Social Distancing, Coughing and Sneezing Indicator for Pandemics like Covid-19 | Application Number:202021033201 Published on 9/17/2021 | E & TC |

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| 8 | Dr Vilas Deotare | An Electric Auto Toggle Holder | Application Number:202121057198 Published on 09/12/21 | E & TC |
|---|---|---|---|---|
| 9 | Dr Vilas Deotare | Smart & Intelligent Lamp Pole Consisting Of Insect Killer, Weather Station, Wifi And Ev Charging Station | Application Number: 202121059138 Published on 20/12/2021 | E & TC |
| 10 | Dr Vilas Deotare | An Oxygen Level Detector | with Application Number: 202221052080 A Filed on 23/09/2022 | E & TC |
| 11 | Dr Vilas Deotare | Smart Bottle using Bluetooth Module | with Application Number: 202221054222 A Filed on 30/09/2022 | E & TC |
| 12 | Dr Vilas Deotare | Waste Segregator Smart Bin | with Application Number: 202221052081 A Filed on 23/09/2022 | E & TC |
| 13 | Prof. Sarika N. Patil. Prof. Neeta Karhadkar, Prof.Balika Tawade Prof. Sushma Bhosale | Road Disinfecting cum Exercising Bicycle | with Application Number: TEMP/E1/88440/2023-MUM | E & TC |
| 14 | Dr Vilas Deotare, Prof. Kapil A Wagh, Prof. Ashish B Manwatkar, Prof. Dheeraj Patil, Prof. Vivek Nagargoje, Ms. Minakshi Deotare | Self Sanitizing Toilet Seat | with Application Number: 202321030185 Ref No: TEMP/E-1/34303/2023-MUM     Filed on 26/04/2023 | IT |
| 15 | Prof. Pritam Ahire & Prof Rohini Hanchate | Automatic Safe Heath care system for Prediction, Prevention andDiagnosis of all Heart related diseases at early stage using DeepLearning, Artifi cial Intelligence and Data Mining Techniques | with Application Number: 202241036599 Ref No: Published dated 01/07/2022 | Comp |

| 16 | Prof. Pritam Ahire & Prof Rohini Hanchate | Artifi cial Intelligence based smart accident detection through videosurveillance using Computer vision and Deep Learning Algorithms | with Application Number: 202241036175 Ref No: Published dated 22/07/2022 | Comp |
|----|----|----|----|----|
| 17 | Prof. Amruta Surana | Automatic Accident Rescue System(AARS) | with Application Number: 202121034289 Ref No: Published dated 20/08/2021 | Comp |
| 18 | Dr. V.V.kimbahune | Use of internet of Things in connected passenger car | with Application Number: 202121053264 Ref No: Published dated 03/12/2021 | Comp |
| 19 | Prof. Amruta Surana, Prof. Pooja Sharma | Navigation System using Computer Vision with Machine Learning and AI for people with visual impairement | with Application Number: 202121035707 Ref No: Published dated 31/12/2021 | Comp |
| 20 | Prof. Pritam Ahire & Prof Rohini Hanchate | IOT Based smart Farming for automatic weather forecasting and monitoring moisture Levels to Prevent CROP DAMAGING for higher crop yield | with Application Number: 202241025317 Ref No: Published dated 13/05/2022 | Comp |
| 21 | Prof. Amruta Surana | Ifer- Student Behaviour Identification: Intelligent Student Behaviour Identification Using Fer | with Application Number: 2020103514 Ref No: Granted dated 13/01/2020 | Comp |
| 22 | Prof. Amruta Surana | IMRM- Class Monitoring System: IoT and | with Application Number: 2020102991 | Comp |

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| | | | | |
|---|---|---|---|---|
| | | AI-Based Real Time Class Monitoring and Faculty and their Course Materials Availability | Ref No: Granted dated 09/12/2020 | |
| 23 | Dr.Shekhar Kondibhau | AI BASED SENSOR INTEGRATED SAFETY HELMET FOR CONSTRUCTION | Design number: 6307981 Grant date: 13 September 2023 Registration date: 06 September 2023 International Design Classification: Version: 14-2023 Class: 02 ARTICLES OF CLOTHING AND HABERDASHERY Subclass: 03 HEADWEAR | FE |

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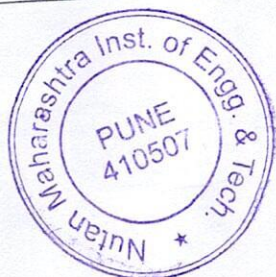| Tel. No. 02114 - 231666 | E-mail : nmiettalegaon@gmail.com | Web : www.nmiet.edu.in |
|---|---|---|

# COPYRIGHTS

| Sr. No. | Title of copyright |
|---|---|
| 1 | Poster On Activate Buzzer And Led Using Ldr With Arduino |
| 2 | Poster On Development Of Test Rig For Cavitation In Centrifugal Pump Set Up |
| 3 | Poster On Advancement In Electric Scooter For Achieving High Speed |
| 4 | Poster On Run Road Scooter |
| 5 | Design And Development Of An Electric Bicycle |
| 6 | Design And Fabrication Of Sugarcane Bud Chipper |
| 7 | Uncertainty Estimation: A Practical Approach |
| 8 | Identification And Analysis Of Biomaterials Used In 3d Printing With Special Application In Dentistry |
| 9 | A Study On Modelling The Barriers For Industry 4.0 Implementation In Small Medium Sized Enterprises Smes India |
| 10 | Design & Fabrication Of Gear Deburring Machine |
| 11 | To Study Design & Fabrication Of A Double Pipe Heat Exchanger |
| 12 | Ergonomic Design Of Seat For E-Bicycle |
| 13 | Design Of Solar Powered Grass Cutting Machine |
| 14 | Design And Development Of Fire Rescue Kit |
| 15 | Automatic Security Surveillance System |
| 16 | Predictive Estimation of SoC lithium ion battery |
| 17 | Multicamera Image Quality Measures |
| 18 | " A powerpoint Presentation on Data Security using Audio Video Steganography" |
| 19 | A smart table in restaurant |
| 20 | Design for Online Voting System with Two Factor Authentication. |
| 21 | Detection of Parkinson's Disease Using Machine Learning |
| 22 | FIRE EATER USING DRONE |
| 23 | Mouse Controlling with movement of fingers |
| 24 | ROAD ANALYSER |
| 25 | Voice Calculator(VoCal) using Python |
| 26 | android based college monitoring system |
| 27 | Converting text file/pdf/article into Audio (AudioBook) |
| 28 | Cop-cam for E Challan |
| 29 | Mobi-debit |
| 30 | Tracking Bus details using Python |
| 31 | Unified, Comprehensive, Decentralized and Universalised enterprise resource planning and management system |
| 32 | Battery Overheating Notifier for Electric Vehicles |
| 33 | Detection of Parkinson's Disease Using Machine Learning |

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|---|---|
| 34 | Easy Public Transport System |
| 35 | Emergency Accident Call Management in Metropolitan Areas |
| 36 | FIRE EATER USING DRONE |
| 37 | Mouse Controlling with movement of fingers |
| 38 | ROAD ANALYSER |
| 39 | Voice Calculator(VoCal) using Python |
| 40 | android based college monitoring system |
| 41 | Android based college monitoring system |
| 42 | Converting text file/pdf/article into Audio (AudioBook) |
| 43 | Cop-cam for E Challan |
| 44 | Diet Analysis using Machine Learning Algorithm |
| 45 | Expense Analyzer |
| 46 | FIRST AID |
| 47 | Mobi-debit |
| 48 | Screen Time Monitoring and Analysing System |
| 49 | Tracking Bus details using Python |
| 50 | Unified, Comprehensive, Decentralized and Universalised enterprise resource planning and management system |
| 51 | Neurosymbol Language Understanding using Aircraft Maintenance Metaverse |
| 52 | Finding Owner of Lost Belongings using Personalizes-QR |
| 53 | Smart Agirculture System based on GBM & RF Predictive Analysis using Federated Learning Approach |
| 54 | Criminal Investigation by Sketch-Image Recognition using Generative Adversarial Networks(GANs) |
| 55 | IOT enabled Smart Healthcare Monitoring System for Soldiers using Predictive & Descriptive Models |
| 56 | Smart Bus Agent |
| 57 | Smart Bus Agent |
| 58 | Finding Owner of Lost Belongings using Personalized-QR |
| 59 | Smart Agriculture System based on GBM and RF Predictive Analysis using Federated Learning Approach |
| 60 | Neurosymbol Language Understanding Using Aircraft Maintenance Metaverse |
| 61 | Diet Analysis using Machine Learning Algorithm |

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|---|---|
| 62 | Mouse Controlling with movement of fingers |
| 63 | Detection of Parkinson's Disease Using Machine Learning |
| 64 | Battery Overheating Notifier for Electric Vehicles |
| 65 | Expense Analyzer |
| 66 | Tracking Bus details using Python |
| 67 | Criminal Investigation by Sketch-Image Recognition using Generative Adversarial Networks(GANs) |
| 68 | IOT Enabled Smart Healthcare Monitoring System for Soldiers using Predictive & Descritive Models |
| 69 | ROAD ANALYSER |
| 70 | Unified,Comprehensive, Decentralized and Universalized enterprise resource planning and management system. |
| 71 | Converting text file/pdf/article into Audio (AudioBook) |
| 72 | "FIRE EATER USING DRONE" |
| 73 | Screen Time Monitoring and Analysing System |
| 74 | Voice Calculator(VoCal) using Python |
| 75 | Cop-cam for E Challan |
| 76 | Advanced Software Piracy detection in deep learning approach |
| 77 | Mobi-debit |
| 78 | Android based college monitoring system |
| 79 | Survey on Multi-objective Evolutionary Algorithms for Automatic Clustering |
| 80 | Symmetric Encryption for IoT devices using key distribution |
| 81 | Detection of Parkinson's Disease Using Machine Learning |
| 82 | FIRE EATER USING DRONE |
| 83 | Mouse Controlling with movement of fingers |
| 84 | ROAD ANALYSER |
| 85 | Voice Calculator(VoCal) using Python |
| 86 | android based college monitoring system |
| 87 | Converting text file/pdf/article into Audio (AudioBook) |
| 88 | Cop-cam for E Challan |
| 89 | Mobi-debit |
| 90 | Tracking Bus details using Python |
| 91 | Unified, Comprehensive, Decentralized and Universalised enterprise resource planning and management system |

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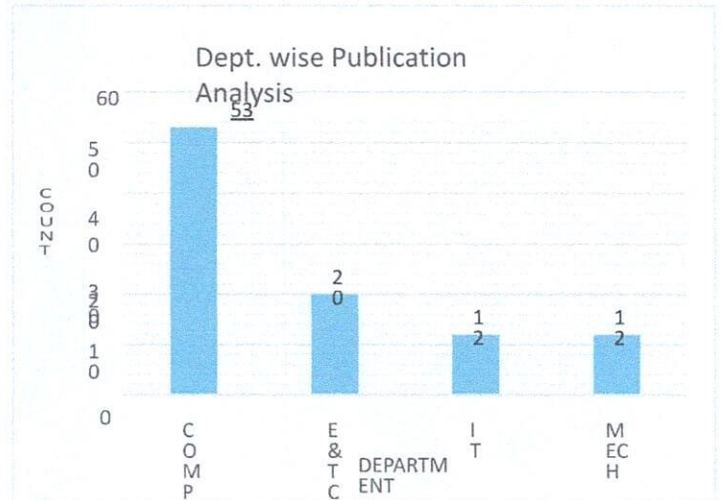
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# Publication Analysis A.Y. 2022-23

- **Department wise Publication Analysis**

| Department | Total no. of publication |
|------------|--------------------------|
| COMP | 53 |
| E&TC | 20 |
| IT | 12 |
| MECH | 12 |
| Total | 97 |



Dept. wise Publication Analysis

- **Major Indexing Wise Publication Analysis**

| Indexing | Count |
|----------|-------|
| Google Scholar | 52 |
| UGC Care | 39 |
| Scopus | 4 |
| Corpenicus indexed | 4 |
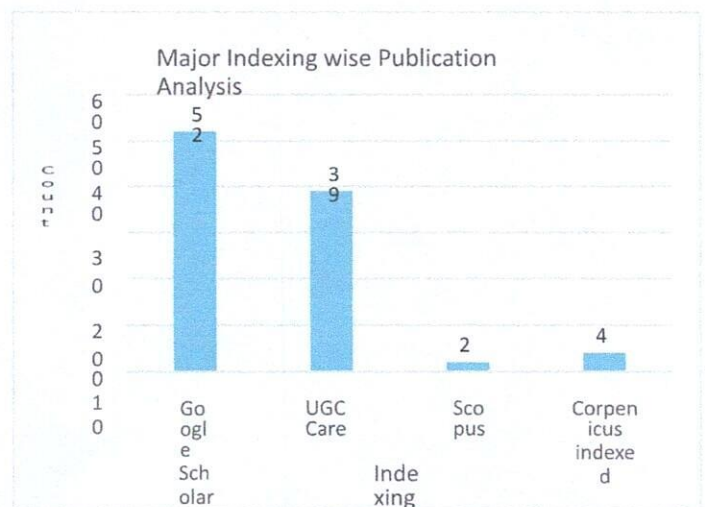


Major Indexing wise Publication Analysis

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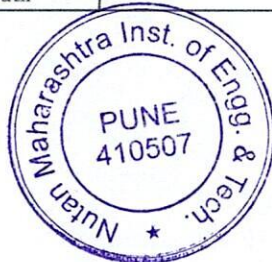
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## Department of Computer Engineering

| Sr. No. | Name of Faculty | Full name of paper | Name f Journal | Major Indexing (Google Scholar , Research gate, UGC care, Scopus, WOS etc. ) | Date |
|---|---|---|---|---|---|
| 1 | Prof.Pritam Ahire | Promotion Prediction Using Machine Learning | International Advanced Research Journal in Science, Engineering and Technology (IARJSET) -ISSN (O) 2393-8021, ISSN (P) 2394-1588 | UGC Care | January 2023 |
| 2 | Prof.Pritam Ahire | Machine Learning for Forecasting Promotions | International Journal of Science and Healthcare Research | Corpenicus indexed | April-June 2023 |
| 3 | Prof.Pritam Ahire | Image Enhancement and Automated Number Plate Recognition | International Journal of Science and Healthcare Research | Corpenicus indexed | April-June 2023 |
| 4 | Prof.Pritam Ahire | TO DETECT THE NUMBER PLATE BY ENHANCING THE IMAGE | Journal of Emerging Technologies and innovative Research (JETIR) | UGC Care | May 2023 |
| 5 | Prof.Shital Jade | PYTHON BASED DEPRESSION DETECTION SYSTEM USING MACHINE LEARNING & ALGORITHM'S | International Advanced Research Journal in Science, Engineering and Technology (IARJSET) | UGC Care | 03 March, 2023. |
| 6 | Prof.Shital Jade | A Survey Paper Depression Detection System Using Machine Learning | International Research Journal of Modernization in Engineering Technology and Science (IRJMETS) | UGC Care | 02nd Feb, 2023 |
| 7 | Prof.Shital Jade | Python Based Depression Detection System Using Machine Learning and Algorithm's | Journal of Emerging Technologies and innovative Research (JETIR) | UGC Care | May 2023 |
| 8 | Prof.Shital Jade | Review paper for Automated Medical Cha Bot | International Advanced Research Journal in Science, Engineering and Technology (IARJSET) | UGC Care | April , 2023 |
| 9 | Prof.Shital Jade | Automated Medical chatbot | International Journal of Advanced Research In Science, Communication And Technology (IJARSCT) | Google Scholar | 11 May, 2023 |
| 10 | Prof.Shital Jade | Fruits and Vegetables Disease Prediction using CNN | International Journal of Adavanced Research In Science, Communication and Technology (IJARSCT) | Google Scholar | 14 May, 2023 |
| 11 | Prof. Dhanashri Rohan Patil | Web Based Semi-automated Faculty Appraisal System | Journal of Emerging Technologies and Innovative Research (JETIR) | UGC Care | May 2023 |
| 12 | Prof. Dhanashri Rohan Patil | Feasibility Study on Faculty Appraisal System | International Research Journal of Modernization in Engineering Technology and Science | UGC Care | February 2023 |

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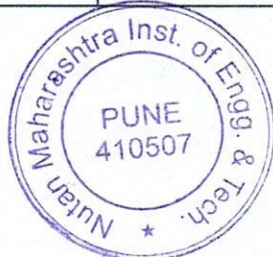Under Administrative Support – Pimpri Chinchwad Education Trust (PCET)

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| 13 | Prof. Dhanashri Rohan Patil | Object identification for blind using machin learning | Journal of Emerging Technologies and Innovative Research (JETIR) | UGC Care | May 2023 |
|---|---|---|---|---|---|
| 14 | Prof. Dhanashri Rohan Patil | A comprehensive review for Object identification for blind using machin learning | International Research Journal of Modernization in Engineering Technology and Science | UGC Care | May 2023 |
| 15 | Prof.Rohini Hanchate | Diverse Plant Leaf Detection using CNN | Journal of Emerging Technologies and Innovative Research (JETIR) | UGC Care | May 2023 |
| 16 | Prof.Rohini Hanchate | Diverse Plant Leaf Disease Detection Using CNN | International Advanced Research Journal in Science, Engineering and Technology (IARJSET) | UGC Care | May 2023 |
| 17 | Prof.Rohini Hanchate | "Stress Detection Using Machine Learning" | International Journal of Science and Healthcare Research | UGC Care, Corpenicus indexed | April-June 2023 |
| 18 | Prof.Rohini Hanchate | STRESS DETECTION USING MACHINE LEARNING | International Research Journal of Engineering and Technology (IRJET) | UGC Care | May 2023 |
| 19 | Prof.Rohini Hanchate | PAN Card Fraud Detection Using Machine Learning: A Case Study | International Journal of Science and Healthcare Research | UGC Care, Corpenicus indexed | April-June 2023 |
| 20 | Prof.Rohini Hanchate | Fraud Detection of PAN Card Using Machine learning | Journal of Emerging Technologies and Innovative Research (JETIR) | UGC Care | |
| 21 | Dr.Saurabh Saoji | INDIAN SIGN LANGUAGE RECOGNITION | International Advanced Research Journal in Science, Engineering and Technology | UGC Care | April 2023 |
| 22 | Dr.Saurabh Saoji | Resume Shortlisting and Grading using TF-IDF, Cosine Similarity and KNN | Journal of Emerging Technologies and Innovative Research | UGC Care | May-2023 |
| 23 | Dr.Saurabh Saoji | Indian Sign Language Detection using CNN | International Journal of Advanced Research in Science, Communication and Technology | Google Scholar | May 2023 |
| 24 | Dr.Saurabh Saoji | Improving Resume Shortlisting using Text Processing Techniques with TF-IDF: A Comparative Study | International Journal of Advanced Research in Computer and Communication Engineering | Google Scholar | March 2023 |
| 25 | Prof. Sonu khapekar | Sign language detection based on machine learning | International Advanced Research Journal in Science, Engineering and Technology (IARJSET) | UGC Care | April 2023 |
| 26 | Prof. Bharti Jadhao | DETECTION OF CYBER BULLYING ON SOCIAL MEDIA USING MACHINE LEARNING | International Research Journal of Modernization in Engineering Technology and Science | Google Scholar | April-2023 |
| 27 | Prof. Bharti Jadhao | Detection of Cyber bullying on Social Media Using MachineLearning | HBRP Publications | Google Scholar | March 2023 |
| 28 | Prof.Suresh Reddy | IMPLEMENTATION OF REAL TIME OBJECT DETECTION OF MELON LEAF DISEASE | International Research Journal of Modernization in Engineering Technology and Science | UGC Care | May 2023 |

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| 29 | Prof.Suhas Chavan | Real Time Object Detection of Melon Leaf Disease | HBRP Publications | UGC Care | Feb 2023 |
|---|---|---|---|---|---|
| 30 | Prof. Kapil Wagh | Web Application for Training and Placement Cell | International Journal of Scientific Research and Development vol.11 issue 1 | Google Scholar | March 2023 |
| 31 | Prof. Kapil Wagh | Development in the Web Application for Training and Placement Cell | International Research Journal of Modernization in Engineering Technology and Science | Google Scholar | May-2023 |
| 32 | Chandrakant D. Kokane | Electricity Theft Detection | Recent Innovations in Wireless Network Security | Google Scholar | May-2023 |
| 33 | Chandrakant D. Kokane | REVIEW: ELECTRICITY THEFT DETECTION | International Research Journal of Modernization in Engineering Technology and Science | Google Scholar | Feb-2023 |
| 34 | Chandrakant D. Kokane | A MACHINE LEARNING BASED MUSIC PLAYER BY DETECTING FACIAL EMOTIONS | International Research Journal of Modernization in Engineering Technology and Science | Google Scholar | May-2023 |
| 35 | Prof. Satyajit Sirsat | NOVEL MACHINE LEARNING-BASED APPROACH FOR REAL-TIME SUSPICIOUS ACTIVITY DETECTION IN CCTV FOOTAGE | International Research Journal of Modernization in Engineering Technology and Science | Google Scholar | 4th April, 2023 |
| 36 | Prof. Satyajit Sirsat | Real-Time Detection of Anomalous Behavior in CCTV Videos using Advanced Machine Learning Techniques | International Research Journal of Modernization in Engineering Technology and Science | Google Scholar | 3rd March, 2023 |
| 37 | Prof. Satyajit Sirsat | CROP PREDICTION USING MACHINE LEARNING | International Research Journal of Modernization in Engineering Technology and Science | Google Scholar | 3rd March, 2023 |
| 38 | Prof. Satyajit Sirsat | SURVEY ON SMART CROP PREDICTION USING ML | International Research Journal of Modernization in Engineering Technology and Science | Google Scholar | 5th May, 2023 |
| 39 | Prof. Satyajit Sirsat | Driver Drowsiness Detection Methods: A Comparative Study | International Journal of Advanced Research in Computer and Communication Engineering | Google Scholar | 3rd March, 2023 |
| 40 | Prof. Satyajit Sirsat | YantaRakshak - A CNN based Driver Drowsiness Detection System | Journal of Emerging Emerging Technologies and Innovation Research | UGC Care | May, 2023 |
| 41 | Prof. Dhanashri Dixit | Survey on gateway for enrollment and Recruitment process. | International Research Journal Of Modernization in Engineering Technology and Science | Google Scholar | 22 May 2023 |
| 42 | Prof. Dhanashri Dixit | GATEWAY FOR ENROLLMENT AND RECRUITMENT PROCESS | International Research Journal Of Modernization in Engineering Technology and Science | Google Scholar | March - 2023 |
| 43 | Prof. Prakash Kshirsagar | Trusted Framework for Online Banking in Public Cloud Using Multi- Factor Authentication Using Block-Chain Framework | International Journal of Scientific Research in Engineering and Management (IJSREM) | UGC Care | March - 2023 |

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| 44 | Prof. Prakash Kshirsagar | Trusted Framework for Online Banking in Public Cloud Using Multi- Factor Authentication Using Block-Chain Framework | International Journal of Scientific Research in Engineering and Management (IJSREM) | UGC Care | May - 2023 |
|---|---|---|---|---|---|
| 45 | Prof. Neha Bhagwat | PNEUMONIA DISEASE DETECTION FROM CHEST X-RAY USING TRANSFER LEARNING | International Research Journal of Modernization in Engineering Technology and Science | Google Scholar | May - 2023 |
| 46 | Kishor Pathak | Review on Pneumonia Detection from Chest X-ray using Transfer Learning | HBRP Publications, Advancement in Image Processing and Pattern Recognition | Google Scholar | Dec- 2022 |
| 47 | Prof. Suresh Reddy | RGB BASED EEG CONTROLLED VIRTUAL KEYBOARD & MOUSE FOR PHYSICALLY CHALLENGED PEOPLE | International Research Journal of Modernization in Engineering Technology and Science | Google Scholar | May - 2023 |
| 48 | Sonali Dongare | Deep Generation of Face Images On basis of Sketches | International Journal of Advanced Research in Science, Communication and Technology (IJARSCT) | Google Scholar | May - 2023 |
| 49 | Kishor Pathak | Review on Deep Face Drawing on basis of Sketch using CNN | HBRP Publications, Recent Trends in Computer Graphics and Multimedia Technology | Google Scholar | Dec- 2022 |
| 50 | Prof. Sonu Khapekar | Sign Language Detection based on Machine Learning | International Advanced Research Journal in Science, Engineering and Technology | Google Scholar | April 2023 |
| 51 | Prof. Kishor Pathak | Review on Sign Language Detection based on Machine Learning | HBRP Publications,Advancement in Image Processing and Pattern Recognition | Google Scholar | Dec- 2022 |
| 52 | Prof. Prakash Kshirsagar | VIRTUAL VOTING SYSTEM USING FACE RECOGNITION AND OTP | International Research Journal of Engineering and Technology (IRJET) | Google Scholar | Mar 2023 |
| 53 | Prof. Prakash Kshirsagar | VIRTUAL VOTING SYSTEM USING FACE RECOGNITION AND OTP | International Research Journal of Modernization in Engineering Technology and Science | Google Scholar | Mar 2023 |
| 54 | Chandrakant Kokane | Word Sense Disambiguation: A Supervised Semantic Similarity based Complex Network Approach | International Journal of INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING (Scopus) | Scopus | |
| 55 | Chandrakant Kokane | Word Sense Disambiguation: Mathematical Modelling of Adaptive Word Embedding Technique for Word Vector | Journal of Interdisciplinary Mathematics (Scopus) | Scopus | |

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## Department of Electronics & Telecommunication Department

| Sr.No. | Name of the Faculty | Title of Paper | Name of Journal | ISSN/DOI | Month &Year |
|---|---|---|---|---|---|
| 1 | Dr Gayatri Amabdkar | "An Armur Mimus Multimodal Biometric System for Khosher Authentication," | SCOPUS (Elsevier), Web of Science, ACM,IET] | SCOPUS (Elsevier), | May-22 |
| 2 | Dr.Nitin Dhawas Prof.Vaishali Dhawas | Invisible Video Watermarking for Data Integrity and Security based on Discrete Wavelet Transform | SCOPUS | SCOPUS | Mar-23 |
| 3 | Prof.Nutan Patil | "FAKE CURRENCY DETECTION USING MACHINE LEARNING AND IMAGE PROCESSING TECHNIQUES" | International Research Journal Of Modernization in Engineering Technology and Science | Google Scholar | Mar-23 |
| 4 | Dr.Nitin Dhawas | Yoga Posture Detection and Correction System | International Research Journal Of Modernization in Engineering Technology and Science | Google Scholar | Apr-23 |
| 5 | Dr.Gaytri Ambadkar | Modernize Posture Detection System to Avoid Lower back and neck pain | Gradiva Review Journal | Google Scholar | Mar-23 |
| 6 | Prof.Bhagyshri Warhade | Modernize Posture Detection System to Avoid Lower back and neck pain | Gradiva Review Journal | Google Scholar | Mar-23 |
| 7 | Prof. Sushma Bhosle | Smart Agriculture Using IOT | Journal of Emerging Technologies and Innovative Research | UGC Care | Apr-23 |
| 8 | Prof. Balika Tawade | Medicine Pill Dispenser And Surveillance | Journal of Emerging Technologies and Innovative Research | UGC Care | Mar-23 |
| 9 | Dr. Gayatri S Ambadkar | Review on face liveliness authentication | International Journal of Engineering Applied Science And Technology | UGC Care | Apr-23 |
| 10 | Prof. Mahesh G. Chinchole | Multitasking Military Spying Robot | International Journal of Advanced Research in Science, Communication and Technology (IJARSCT) | UGC Care | Apr-23 |
| 11 | Prof.Neeta Karhadkar | Predictive Estimation of SoC lithium ion battery | International Journal of Advanced Research in Science, Communication and Technology (IJARSCT) | UGC Care | Apr-23 |

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**Nutan Maharashtra Vidya Prasarak Mandal's (NMVPM's)**
# NUTAN MAHARASHTRA INSTITUTE OF ENGINEERING AND TECHNOLOGY
## (NMIET)
**Under Administrative Support – Pimpri Chinchwad Education Trust (PCET)**

ESTD : 1906

**Approved by AICTE** | **Accredited by NAAC** | **Affiliated to SPPU**

| 12 | Prof.Sarika B Patil | AI Surveillance Robot | International Research Journal Of Modernization in Engineering Technology and Science | Google Scholar | Apr-23 |
|----|---------------------|----------------------|-----------------------------------------------------------------------------------|----------------|--------|
| 13 | Prof.Harsha Sarode | Media Transmission using Li-Fi. | International Research Journal Of Modernization in Engineering Technology and Science | Google Scholar | Apr-23 |
| 14 | Prof.Neeta Karhadkar | Modern Hydroponics with IOT | International Research Journal Of Modernization in Engineering Technology and Science | Google Scholar | Apr-23 |
| 15 | Prof. Dr. Sagar Joshi | An Efficient Tracking System For Air And Sound Pollution | International Research Journal of Modernization in Engineering Technology and Science, | Google Scholar | Apr-23 |
| 16 | Prof. Balika Tawade | Iot Based Patient Health Monitoring System Using Ventilator | International Research Journal of Modernization in Engineering Technology and Science | Google Scholar | Apr-23 |
| 17 | Mrs.Bhagyashree Warhade, | IOT Based Automated Smart Surveillance and Parking Management | International Journal of Engineering Research and Applications | UGC Care | April 2023, pp. 171-177 |
| 18 | Mrs. Gayatri Ambadkar | IOT Based Automated Smart Surveillance and Parking Management | International Journal of Engineering Research and Applications | UGC Care | April 2023, pp. 171-177 |
| 19 | Prof. Harsha Sarode | Ev Charging Cost Detection Kit | International Research Journal of Modernization in Engineering Technology and Science | Google Scholar | Apr-23 |
| 20 | Prof. Sarika N.Patil | Excel based ERP System | Presented a paper in International Conference on recent trends in Engineering & Technology ICRTET-2023, Siddhant COE | Google Scholar | Apr-23 |

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## Department of Information Technology

| Sr. No. | Name of Faculty | Full name of paper | Name f Journal | Major Indexing (Google Scholar , Research gate, UGC care, Scopus, WOS etc. | Date |
|---------|-----------------|--------------------|--------------------|------------|------|
| 1 | Prof. Ashish Manwatkar | Face Recognition Based Smart Attendance System | International Research Journal of Modernization in Engineering Technology and Science (IRJMETS) | UGC Care | March 2023 |
| 2 | Prof. Ashish Manwatkar | Indian Food Image Classification with Transfer Learning | International Research Journal of Modernization in Engineering Technology and Science (IRJMETS) | UGC Care | March 2023 |
| 3 | Prof. Dheeraj Patil | STRESS DETECTION USING MACHINE LEARNING AND IMAGE PROCESSING | International Research Journal of Modernization in Engineering Technology and Science (IRJMETS) | UGC Care | March 2023 |
| 4 | Prof. Sonali Dongare | A MOVIE RECOMMENDATION SYSTEM: MOVIEFLIX | International Research Journal of Modernization in Engineering Technology and Science (IRJMETS) | UGC Care | April 2023 |
| 5 | Prof. Vivek Nagargoje | Intrusion Detection System with Machine Learning Algorithms | International Research Journal of Modernization in Engineering Technology and Science (IRJMETS) | UGC Care | April 2023 |
| 6 | Prof. Yogesh Shepal | A MACHINE LEARING BASED MUSIC PLAYER BY DETECTING | International Research Journal of Modernization in Engineering Technology and Science (IRJMETS) | UGC Care | March 2023 |
| 7 | Prof. Sopan Kshirsagar | SIGN LANGUAGE APPLICATION | International Research Journal of Modernization in Engineering Technology and Science (IRJMETS) | UGC Care | May 2023 |
| 8 | Prof. Sopan Kshirsagar | ONLINE VOTING SYSTEM WITH TWO STEP AUTHENTICATION | International Research Journal of Modernization in Engineering Technology and Science (IRJMETS) | UGC Care | April , 2023 |
| 9 | Prof. Vivek Nagargoje | Review on Image and Text Encrypted Data with Authorized Deduplication in Cloud | Recent Trends in Cloud Computing and Web Engineering (HBRP) | Google Scholar | April , 2023 |
| 10 | Prof. Dheeraj Patil | A Web-Based Platform for Predicting Student Careers using Machine Learning with Learning Resources for Computer Science Domains | International Journal for Research in Applied Science & Engineering Technology (IJRASET) | Google Scholar | March 2023 |
| 11 | Prof. Sonali Dongare | BLOCKCHAIN-BASED PERSONALIZED DIGITAL HEALTH RECORD | International Research Journal of Modernization in Engineering Technology and Science (IRJMETS) | UGC Care | March 2023 |
| 12 | Prof. Dheeraj Patil | An InDepth Review on Stock Market Prediction Through Deep Learning | International Research Journal of Modernization in Engineering Technology and Science (IRJMETS) | UGC Care | April 2023 |
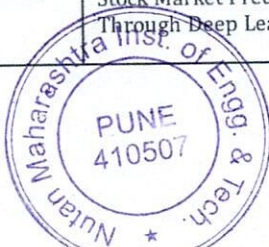
## Department of Mechanical Engineering

| Sr. No. | Name of Faculty | Full name of paper | Name of Journal | Major Indexing (Google Scholar , Research gate, UGC care, Scopus, WOS etc. ) | Date |
|---|---|---|---|---|---|
| 1 | Dr. S.R. More | DESIGN AND ANALYSIS OF LEAF SPRING SUSPENSION SYSTEM | International Research Journal of Engineering and Technology (IRJET) | Google Scholar | May-June 23 |
| 2 | Prof. Manojkumar Kate | DESIGN ON BATTERY THERMAL MANAGEMENT SYSTEM (BTMS) FOR ELECTRIC VEHICLE TWO-WHEELER USING PELTIER CELL | International Research Journal of Modernization in Engineering Technology and Science (IRJMETS) | Google Scholar | May-23 |
| 3 | Prof. Sandeep Gore | DESIGN & DEVELOPMENT STUDY OF PICK AND PLACE MECHANIZED SYSTEM | International Research Journal of Modernization in Engineering Technology and Science (IRJMETS) | Google Scholar | Apr-23 |
| 4 | Prof. Rohit Jadhao | Design and Development of Perendev Motor | International Research Journal of Engineering and Technology (IRJET) | Google Scholar | May-23 |
| 5 | Prof. D. R. Jadhav | COMPONENTS INSPECTION AND SORTING USING IMAGE PROCESSING | International Research Journal Of Modernization in Engineering Technology and Science (IRJMETS) | Google Scholar | Jun-23 |
| 6 | Prof. P. B. Mali | POTHOLE DETECTION SYSTEM USING ULTRASONIC SENSOR | International Research Journal of Modernization in Engineering Technology and Science (IRJMETS) | Google Scholar | May-23 |
| 7 | Prof.Vishalsingh Rajput | DESIGN AND MANUFACTURING OF APARTMENT GREY WATER TREATMENT MACHINE | International Research Journal of Modernization in Engineering Technology and Science (IRJMETS) | Google Scholar | May-23 |
| 8 | Prof. Spandan Waghmare | DESIGN AND MANUFACTURING OF FIXTURE TO PERFORM VARIOUS OPERATIONON THE JOB AT SINGLE WORKSTATION | International Research Journal of Modernization in Engineering Technology and Science (IRJMETS) | Google Scholar | May-23 |
| 9 | Prof. Rahul Patil | DESIGN AND DEVELOPMENT OF FLOATING BAG | International Research Journal of Modernization in Engineering Technology and Science (IRJMETS) | Google Scholar | Jun-23 |

Nutan Maharashtra Vidya Prasarak Mandal's (NMVPM's)
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Under Administrative Support – Pimpri Chinchwad Education Trust (PCET)

ESTD : 1906

| Approved by AICTE | | | Accredited by NAAC | Affiliated to SPPU | |
|---|---|---|---|---|---|
| 10 | Prof. Spandan Waghmare | DESIGN AND MANUFACTURING OF THE AUTOMATIC BRAKE FAILURE DETECTION AND EMERGENCY CONTROL (PROTOTYPE) | International Research Journal of Modernization in Engineering Technology and Science (IRJMETS) | Google Scholar | May-23 |
| 11 | Prof. Manojkumar Kate | AUTOMATED CO2 LINEAR WELDING MACHINE | International Research Journal Of Modernization In Engineering Technology And Science (IRJMETS) | Google Scholar | May-23 |
| 12 | Dr. A. A. Khond, | AUTOMATIC IGNITION OPERATED HANDBRAKE SYSTEM FOR CAR | International Research Journal Of Modernization In Engineering Technology And Science (IRJMETS) | Google Scholar | May-23 |

Dr. Vilas Deotare

**Principal**

**AWARDS RECEIVED:**



**Ministry of Education**
Government of India

**nirf**

*Certificate*

# NATIONAL INSTITUTIONAL RANKING FRAMEWORK

### INDIA RANKINGS 2023

**NUTAN MAHARASHTRA VIDYA PRASARAK MANDAL'S NUTAN MAHARASHTRA INSTITUTE OF ENGINEERING AND TECHNOLOGY, TALEGOAN STATION TAL MAVAL DIST PUNE**

**Participated in the Innovation Category**

CHAIRMAN, AICTE

CHAIRMAN, NBA

MEMBER SECRETARY, NBA

Principal
Nutan Maharashtra Institute
of Engg. & Technology
"Samarth Vidya Sankul" Vishnupuri
Talegaon Dabhade, 410507

## DATAQUEST

# T

## SCHOOL

# Survey & Ranking
## 2023

### NMIET'S RANKING

Among

### INDIA's TOP 100 ENGINEERING COLLEGES

**72$^{nd}$** — Ranked 72$^{nd}$ in The Private Sector
T- School Employability Ranking

**81$^{st}$** — Ranked 81$^{st}$ in The Overall Top 100
(Government and Private Institutes)
T- School Employability Ranking

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### Reference

A CyberMedia Publication

March, 2023

www.dqindia.com

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Talegaon Dabhade, 410507

**DATAQUEST**

# T

## SCHOOL

# Survey & Ranking
## 2022

## NMIET RANKING

**6th**

Ranked 6th in The Regional
T- School Employability Ranking
(West Region)

**35th**

Ranked 35th in The Private Sector
T- School Employability Ranking

**42th**

Ranked 42th in The Overall Top 100
(government and Private Institutes)
T- School Employability Ranking

**Reference**

A CyberMedia Publication                                    September, 2022

www.dqindia.com

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*Nutan Maharashtra Institute*
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Nutan Maharashtra Inst. of Engg. & Tech.

# IIRF
## Indian Institutional Ranking Framework

NUTAN MAHARASHTRA INSTITUTE OF ENGINEERING AND TECHNOLOGY

## NMIET'S RANKING

**16th RANK** — IIRF TOP PRIVATE ENGINEERING COLLEGES IN INDIA – 2022 (MAHARASHTRA STATE)

**19th RANK** — IIRF TOP PRIVATE ENGINEERING COLLEGES IN INDIA – 2022 (WEST ZONE)

**123rd RANK** — IIRF TOP PRIVATE ENGINEERING COLLEGES IN INDIA – 2022 (ALL INDIA RANK)

**Reference**

IIRF Data 2022-23

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# TIMES ENGINEERING

## ALL INDIA RANKING SURVEY 2022-23

NUTAN MAHARASHTRA INSTITUTE OF ENGINEERING AND TECHNOLOGY

## NMIET'S RANKING

17th
**RANK**

**TOI TOP ENGINEERING
INSTITUTES IN INDIA – 2022
(IN PUNE)**

35th
**RANK**

**TOI TOP ENGINEERING
INSTITUTES IN INDIA – 2022
(IN MAHARASHTRA)**
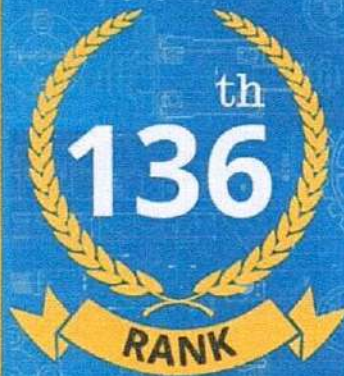
136th
**RANK**

**TOI TOP ENGINEERING
INSTITUTES IN INDIA – 2022
(ALL INDIA RANK)**

Reference:- TOI Data 2022-23

# TIMES ENGINEERING

## ALL INDIA RANKING SURVEY 2021-22

### NUTAN MAHARASHTRA INSTITUTE OF ENGINEERING AND TECHNOLOGY
### NMIET'S RANKING

**15th RANK**

TOI TOP ENGINEERING INSTITUTES IN INDIA – 2021
(IN PUNE)

**23rd RANK**

TOI TOP ENGINEERING INSTITUTES IN INDIA – 2021
(IN MAHARASHTRA)

**114th RANK**

TOI TOP ENGINEERING INSTITUTES IN INDIA – 2021
(ALL INDIA RANK)

Reference:- TOI Data 2021-22

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Nutan Maharashtra Inst. of Engg. & Tech.
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410507

Ministry of Education
Government of India

MoE's
INNOVATION CELL
(GOVERNMENT OF INDIA)

INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education Initiative)

AICTE

★ ★ ★ ★ ★

# CERTIFICATE

Institution's Innovation Council (IIC) established at

**Nutan Maharashtra Vidya Prasarak Mandal's Nutan Maharashtra Institute of Engineering and Technology Talegaon Dabhade**

had undertaken various activities prescribed by Innovation Cell, Ministry of Education, Govt. of India to promote Innovation and Start-up in campus during the IIC calendar year 2021-22.

*Abhay Jere*

**Dr. Abhay Jere**
Chief Innovation Officer
MOE, Innovation Cell

*Dipan Sahu*

**Mr. Dipan Sahu**
Assistant Innovation Director
MOE, Innovation Cell

Certificate No : 1990

Issued On : 2022-11-17

Maharashtra Inst. of Engg. & Tech.
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Nutan

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"Samarth Vidya Sankul" Vishnupuri
Talegaon Dabhade, 410507

★ ★ ★ ★ ★

# CERTIFICATE

Institution's Innovation Council (IIC) established at

**Nutan Maharashtra Vidya Prasarak Mandal's Nutan Maharashtra Institute of Engineering and Technology Talegaon Dabhade**

had undertaken various activities prescribed by Innovation Cell, Ministry of Education, Govt. of India to promote Innovation and Start-up in campus during the IIC calendar year 2020-21.

**Prof. Anil D.Sahasrabudhe**
Chairman
AICTE

**Dr. Abhay Jere**
Chief Innovation
Officer
MOE, Innovation
Cell

**Mr. Dipan Sahu**
Assistant Innovation Director
MOE, Innovation Cell

Principal
Nutan Maharashtra Institute
of Engg. & Technology
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Talegaon Dabhade, 410507

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& Tech.
Nutan

★ ★ ★ ★ ★

# CERTIFICATE

Institution Innovation Council (IIC) established at

**utan Maharashtra Vidya Prasarak Mandal's Nutan Maharashtra Institute of Engineering and Technology, Talegaon Dabhad**

had undertaken various activities prescribed by Innovation Cell, Ministry of
Education, Govt. of India to promote Innovation and Start-up in campus
during the IIC calendar year 2019-20.

**Prof.Anil D.Sahasrabudhe**
Chairman, AICTE

**Sh. Amit Khare**
Secretary, Department of Higher Education, MOE

**Dr. Abhay Jere**
CIO, MOE, Innovation Cell

Certificate No : 1990

Issued On : 2020-09-22

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**INNOVATION CELL**
(Government of India)

**Ministry of Education**
(Government of India)

**AICTE**

ATAL RANKING OF INSTITUTIONS
ON INNOVATION ACHIEVEMENTS

# Certificate of Recognition

## This is to certify that

**NUTAN MAHARASHTRA VIDYA PRASARAK MANDAL'S NUTAN MAHARASHTRA INSTITUTE OF ENGINEERING AND TECHNOLOGY, TALEGOAN STATION TAL MAVAL DIST PUNE**

is recognised in the band "PROMISING" under the category

"Colleges/Institutes (Private / Self Financed) (Technical)"

in Atal Ranking of Institutions on Innovation Achievement(ARIIA) 2021,

a flagship program of the Ministry of Education, Government of India.

29th December 2021.

**Dr. Anil D Sahasrabudhe**
Chairman, AICTE

**Shri K Sanjay Murthy**
Secretary (HE), MoE

**Dr. Abhay Jere**
Chief Innovation Officer
MoE's Innovation Cell

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Principal
Nutan Maharashtra Institute
of Engg. & Technology
Samarth Vidya Sankul" Vishnupuri
Talegaon Dabbade, 410507

# CERTIFICATE

## OF ACHIEVEMENT

**Confederation of Indian Industry**

This is to certify that,

## "Nutan Maharashtra Institute of Engineering & Technology"

### has got

## PLATINUM RANKING

### in

## AICTE-*CII* SURVEY OF INDUSTRY-LINKED

### Technical Institutes 2020

**PLATINUM**

**REFERENCE**

https://www.aicte-
india.org/education/collaborations/moucii/
AICTE_CII_2020

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410507

## CERTIFICATE OF ESTABLISHMENT

### This is to certify that

### Nutan Maharashtra Vidya Prasarak Mandal's Nutan Maharashtra Institute of Engineering and Technology, Talegaon Dabhade

has established an Institution's Innovation Council (IC201912439) in the campus as per the norms of Innovation Cell, Ministry of Education, Govt. of India during the academic calendar year 2018-19

Prof. Anil D. Sahasrabudhe
Chairman
AICTE

Shri. R. Subrahmanyam
Secretary
Ministry of Education

Dr. Abhay Jere
Chief Innovation Officer
Ministry of Education's Innovation Cell

Certificate No: 1990

Aishe Code: C-41640

Date: 29-08-2019