

## Research Publications, Books Published and Patents

### 1) International Journals

| Sr. No. | Year of Publication | Name of the Author(s) | Title of Paper   | Name of the Journal                          | ISSN            | Volume & Issue       | Weblink / URL to Journal  | Weblink / URL to Paper  | Is it Scopus Indexed/UGC-CARE listed /WoS Indexed? | Research Gate Link of the Article PDF |
|---------|---------------------|-----------------------|--|--|-----------------|----------------------|---|---|--|---------------------------------------|
| 1.      | 2024                | Dr.U.C.Patkar         | Nonlinear Analysis of Steel Fiber Reinforced Recycled Aggregate Concrete under Compression, Tension, and Elevated Temperatures | Communications on Applied Nonlinear Analysis | ISSN: 1074-133X | Vol 31 No. 1s (2024) | <a href="https://internationalpubs.com">https://internationalpubs.com</a> | <a href="https://internationalpubs.com">https://internationalpubs.com</a>   | Scopus   |                                       |
| 2.      | 2024                | Dr.U.C.Patkar         | Ahirani Language Translation with Neural Networks: An English Perspective  | IJISAE                                       | ISSN 2147-6798  | Volume 12 issue 19s  | <a href="https://ijisae.org/">https://ijisae.org/</a>                     | <a href="https://ijisae.org/index.php/IJISAE/article/view/5200">https://ijisae.org/index.php/IJISAE/article/view/5200</a> | Scopus   |                                       |
| 3.      | 2024                | Dr.U.C.Patkar         | MLIDS: A Machine Learning-Based Intrusion Detection System Using the NSLKDD  | ijisae                                       | ISSN 2147-6799  | Volume 12 issue 4s   | <a href="https://ijisae.org">https://ijisae.org</a>                       | <a href="https://ijisae.org/index.php/IJISAE">https://ijisae.org/index.php/IJISAE</a>                                     | Scopus   |                                       |

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|    |      |               |  |            |                |                    |   | E/article/view/3761   |        |  |
| 4. | 2024 | Dr.U.C.Patkar | Robot Operating System: A Comprehensive Analysis and Evaluation  | ijisae     | ISSN 2147-6799 | Volume 12 issue 7s | <a href="https://ijisae.org/">https://ijisae.org/</a>           | <a href="https://ijisae.org/index.php/IJISAE/article/view/4154">https://ijisae.org/index.php/IJISAE/article/view/4154</a>   | Scopus |  |
| 5. | 2024 | Dr.U.C.Patkar | A Research Review On Attendance System (SPA)                     | gisscience | ISSN 1869-9391 | Volume 11 Issue 1  | <a href="https://gis-science.net/">https://gis-science.net/</a> | <a href="https://drive.google.com/file/d/1OWaR1RqFPiCfEqU1Dus2fdsSR0-a_4gy/view?usp=sharing">https://drive.google.com/file/d/1OWaR1RqFPiCfEqU1Dus2fdsSR0-a_4gy/view?usp=sharing</a> | No     |  |
| 6. | 2024 | Dr.U.C.Patkar | A Secure Authentication-Graphical Password Authentication System | ijisae     | ISSN 2147-6799 | Volume 12 issue 3s | <a href="https://ijisae.org">https://ijisae.org</a>             | <a href="https://ijisae.org/index.php/IJISAE/article/view/3699">https://ijisae.org/index.php/IJISAE/article/view/3699</a>   | Scopus |  |
| 7. | 2023 | Dr.U.C.Patkar | Intrusion detection in digital age : a hybrid data               | IJISAE     | ISSN 2147-6799 | Volume 11 issue 7s | <a href="https://ijisae.org/">https://ijisae.org/</a>           | <a href="https://ijisae.org/ind">https://ijisae.org/ind</a>   | Scopus |  |

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|     |      |               | optimization perspective  |        |                  |                    |   | ex.php/IJSAE/article/view/2946  |        |  |
| 8.  | 2023 | Dr.U.C.Patkar | Object Detection using Machine Learning and Deep Learning   | ijjsae | ISSN 2147-6799   | Volume 12 issue 1s | <a href="https://ijjsae.org/">https://ijjsae.org/</a>   | <a href="https://ijjsae.org/index.php/IJSAE/article/view/3483">https://ijjsae.org/index.php/IJSAE/article/view/3483</a>   | Scopus |  |
| 9.  | 2023 | Dr.U.C.Patkar | Instant Travel Weather Updates on Your Phone  | jchr   | ISSN 2251 – 6727 | Volume 13 issue 4  | <a href="https://www.jchr.org/">https://www.jchr.org/</a>   | <a href="https://www.jchr.org/index.php/JCHR/article/view/919">https://www.jchr.org/index.php/JCHR/article/view/919</a>   | Scopus |  |
| 10. | 2023 | Dr.U.C.Patkar | Noise temperature in single injection cylindrical current flow insulator at low and high injection level of current | Jsfs   | ISSN 3586-3595   | Volume 10 Issue 1s | <a href="https://sifisseriesciences.com/journal/index.php/journal/article/view/727">https://sifisseriesciences.com/journal/index.php/journal/article/view/727</a> | <a href="https://sifisseriesciences.com/journal/index.php/journal/article/view/727">https://sifisseriesciences.com/journal/index.php/journal/article/view/727</a> | Scopus |  |
| 11. | 2023 | Dr.U.C.Patkar | LITERATURE SURVEY ON OSOID  | ijrpr  | ISSN 2582-7421   | Volume 4 issue 5   | <a href="https://www.ijrpr.com/">https://www.ijrpr.com/</a>   | <a href="https://ijrpr.com/uploads/V">https://ijrpr.com/uploads/V</a>   | No     |  |

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|     |      |               |   |         |                  |                    |   | 4ISSUE5/IJRPR13742.pdf  |        |   |
| 12. | 2023 | Dr.U.C.Patkar | Using Yolo V7 Development of complete VIDS solution based on latest requirements to provide highway traffic and incident real time info to atms control room using AI | JSFS    | ISSN 3444-3456   | Volume 10 issue 4  | <a href="https://www.sifisheriessciences.com/index.php/journal">https://www.sifisheriessciences.com/index.php/journal</a> | <a href="https://www.sifisheriessciences.com/index.php/journal">https://www.sifisheriessciences.com/index.php/journal</a>     | Scopus |   |
| 13. | 2023 | Dr.U.C.Patkar | LITERATURE SURVEY ON OSOID  | ijrpr   | ISSN 2582-7421   | Volume 4 issue 5   | <a href="https://www.ijrpr.com/">https://www.ijrpr.com/</a>   | <a href="https://www.ijrpr.com/uploads/4ISSUE5/IJRPR13742.pdf">https://www.ijrpr.com/uploads/4ISSUE5/IJRPR13742.pdf</a>       | No     |   |
| 14. | 2023 | Dr.U.C.Patkar | Wireless Charging: Its types, Standards and Applications  | ijritcc | ISSN – 2321-8969 | Volume 11 issue 9s | <a href="https://ijritcc.org/">https://ijritcc.org/</a>   | <a href="https://ijritcc.org/index.php/ijritcc/article/view/7398">https://ijritcc.org/index.php/ijritcc/article/view/7398</a> | Scopus | <a href="https://www.researchgate.net/publication/373902017_Wireless_Charging_Its_types_Standards_and_Applications">https://www.researchgate.net/publication/373902017_Wireless_Charging_Its_types_Standards_and_Applications</a> |
| 15. | 2023 | Dr.U.C.Patkar | Vehicle Number Plate Detection using YoloV8 and EasyOCR   | IEEE    | IEEE-56998       | NA                 | <a href="https://ieeexplore.ieee.org/">https://ieeexplore.ieee.org/</a>   | <a href="https://ieeexplore.ieee.org/document/1">https://ieeexplore.ieee.org/document/1</a>                                   | Scopus | <a href="https://www.researchgate.net/publication/374743288_Vehicle_Number_Plate_Detection_using">https://www.researchgate.net/publication/374743288_Vehicle_Number_Plate_Detection_using</a>                                     |

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|     |      |                       |   |                 |                         |                      |   | 03074<br>20/  |        | <u>YoloV8 and Easy<br/>OCR</u>  |
| 16. | 2023 | Dr.<br>U.C.Patka<br>r | DESIGN OF AN<br>ROV TO FIND<br>DEAD BODIES<br>UNDERWATER  | eurchem<br>bull | ISSN<br>2866-<br>2875   | Volume 12 issue<br>5 | <a href="https://www.eurchembull.com/">https://www.eurchembull.com/</a>   | <a href="https://www.eurchembull.com/issue-content/design-of-an-rov-to-find-dead-bodies-underwater-4633">https://www.eurchembull.com/issue-content/design-of-an-rov-to-find-dead-bodies-underwater-4633</a> | Scopus | <a href="https://www.researchgate.net/publication/371491951_Design_of_an_ROV_to_find_Dead_Bodies_Underwater">https://www.researchgate.net/publication/371491951_Design_of_an_ROV_to_find_Dead_Bodies_Underwater</a>   |
| 17. | 2023 | Dr.U.C.Pa<br>tkar     | A NEURAL<br>NETWORK<br>BASED MACHINE<br>TRANSLATION<br>MODEL FOR<br>ENGLISH TO<br>AHIRANI<br>LANGUAGE | Sjcycl          | ISSN –<br>1004-<br>9037 | Volume 38 Issue<br>1 | <a href="https://sjcycl.cn/2023_01.php">https://sjcycl.cn/2023_01.php</a> | <a href="https://sjcycl.cn/article/view-2023/761.php">https://sjcycl.cn/article/view-2023/761.php</a>   | Scopus | <a href="https://www.researchgate.net/publication/371448169_A_NEURAL_NETWORK_BASED_MACHINE_TRANSLATION_MODEL_FOR_ENGLISH_TO_AHIRANI_LANGUAGE">https://www.researchgate.net/publication/371448169_A_NEURAL_NETWORK_BASED_MACHINE_TRANSLATION_MODEL_FOR_ENGLISH_TO_AHIRANI_LANGUAGE</a> |
| 18. | 2023 | Dr.U.C.Pa<br>tkar     | A WEB<br>PAGE<br>CLASSIFICATION<br>SURVEY ON<br>TECHNIQUES<br>USING TEXT<br>MINING                    | Sjcycl          | ISSN-<br>1004-<br>9037  | Volume 38 Issue<br>1 | <a href="https://sjcycl.cn/2023_01.php">https://sjcycl.cn/2023_01.php</a> | <a href="https://sjcycl.cn/article/view-2023/797.php">https://sjcycl.cn/article/view-2023/797.php</a>   | Scopus | <a href="https://www.researchgate.net/publication/371379772_A_WEB_PAGE_CLASSIFICATION_SURVEY_ON_TECHNIQUES_USING_TEXT_MINING">https://www.researchgate.net/publication/371379772_A_WEB_PAGE_CLASSIFICATION_SURVEY_ON_TECHNIQUES_USING_TEXT_MINING</a>                                 |

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|     |      |                   |  |                 |                       |                        |   |   |        | ING   |
| 19. | 2023 | Dr.U.C.Pa<br>tkar | Accidents Sensing<br>Car Wiper and<br>Location using<br>IoTBased<br>Notification | skxjz           | ISSN<br>1001-<br>6791 | Volume 33 no 3         | <a href="https://skxjz.info/index.php">https://skxjz.info/index.php</a> | <a href="https://skxjz.info/index.php/AWS/article/view/68">https://skxjz.info/index.php/AWS/article/view/68</a>   | Scopus | <a href="https://www.researchgate.net/publication/371491946_Accidents_Sensing_Car_Wiper_and_Location_using_IoT-Based_Notification">https://www.researchgate.net/publication/371491946_Accidents_Sensing_Car_Wiper_and_Location_using_IoT-Based_Notification</a>   |
| 20. | 2023 | Dr.U.C.Pa<br>tkar | RECOGNITION OF<br>VEHICLE<br>NUMBER PLATE<br>FOR<br>COLLECTION OF<br>TOLL        | eurchem<br>bull | ISSN<br>1334-<br>1341 | Volume 12 issue<br>5   | <a href="https://www.eurchembull.com/">https://www.eurchembull.com/</a> | <a href="https://www.eurchembull.com/issue-content/recognition-of-vehicle-number-plate-for-collection-of-toll-3647">https://www.eurchembull.com/issue-content/recognition-of-vehicle-number-plate-for-collection-of-toll-3647</a> | Scopus | <a href="https://www.researchgate.net/publication/371491960_Recognition_of_Vehicle_number_Plate_for_collection_of_toll_Section_A-Research_paper_Recognition_of_Vehicle_number_Plate_for_collection_of_toll">https://www.researchgate.net/publication/371491960_Recognition_of_Vehicle_number_Plate_for_collection_of_toll_Section_A-Research_paper_Recognition_of_Vehicle_number_Plate_for_collection_of_toll</a> |
| 21. | 2022 | Dr.U.C.Pa<br>tkar | Face detection<br>using machine<br>learning                                      | JOOL            | ISSN<br>1005-<br>0086 | Volume 41, Issue<br>11 | Offline<br>Journal  | Offline<br>Journal  | No     | Offline Journal   |
| 22. | 2022 | Dr.U.C.Pa<br>tkar | Cloud computing<br>and security<br>fundamentals                                  | IJCSCMC         | ISSN<br>2320-<br>088X | Volume 11, Issue<br>4  | <a href="https://ijcsmc.com/">https://ijcsmc.com/</a>                   | <a href="https://ijcsmc.com/">https://ijcsmc.com/</a>   | No     | <a href="https://www.researchgate.net/publication/360286722_Cloud_Computing">https://www.researchgate.net/publication/360286722_Cloud_Computing</a>   |

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|     |      |               |  |                 |                 |                    |   |   |        | _and Security_Fundamentals  |
| 23. | 2022 | Dr.U.C.Patkar | Python for web development   | IJCSMC          | ISSN 2320-088X  | Volume 11, Issue 4 | <a href="https://ijcsmc.com/">https://ijcsmc.com/</a>   | <a href="https://ijcsmc.com">https://ijcsmc.com</a>   | No     | <a href="https://www.researchgate.net/publication/362517489-PYTHON_FOR_WEB_DEVELOPMENT">https://www.researchgate.net/publication/362517489-PYTHON_FOR_WEB_DEVELOPMENT</a>   |
| 24. | 2022 | Dr U.C.Patkar | THE SINGLE INJECTION CURRENT FLOW AN INSULATOR CONTAINING DISTRIBUTED DEEPTRAPS AROUND AN ENERGY OPERATING UNDER HIGH FIELD REGIME | neuroquantology | eISSN 1303-5150 | Volume 20 issue 16 | <a href="https://www.neuroquantology.com/archives?volume=Volume%2020&amp;issue=No%2016">https://www.neuroquantology.com/archives?volume=Volume%2020&amp;issue=No%2016</a> | <a href="https://www.neuroquantology.com/open-access/THE+SINGLE+INJECTION+CURRENT+FLOW+AN+INSULATOR+CONTAINING+DISTRIBUTED+DEEPTRAP+D+DEEPTRAPS+AROUND+AN+ENERGY">https://www.neuroquantology.com/open-access/THE+SINGLE+INJECTION+CURRENT+FLOW+AN+INSULATOR+CONTAINING+DISTRIBUTED+DEEPTRAP+D+DEEPTRAPS+AROUND+AN+ENERGY</a> | Scopus | <a href="https://www.researchgate.net/publication/366791901-THE_SINGLE_INJECTION_CURRENT_FLOW_AN_INSULATOR_CONTAINING_DISTRIBUTED_DEEPTRAP_AROUND_AN_ENERGY_OPERATING_UNDER_HIGH_FIELD_REGIME">https://www.researchgate.net/publication/366791901-THE_SINGLE_INJECTION_CURRENT_FLOW_AN_INSULATOR_CONTAINING_DISTRIBUTED_DEEPTRAP_AROUND_AN_ENERGY_OPERATING_UNDER_HIGH_FIELD_REGIME</a> |

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|     |      |                   |  |               |                         |                        |                                      | ERGY<br>+OPE<br>RATIN<br>G+UN<br>DER+<br>HIGH+<br>FIELD<br>+REGI<br>ME_2<br>691/ |        |   |
| 25. | 2022 | Dr.U.C.Pa<br>tkar | Seizure and<br>sleeping disordered<br>detection from eeg<br>using ML   | SAMRID<br>DHI | ISSN<br>2454 –<br>5767  | Volume 14 Issue<br>1   | Offline<br>Journal                   | Offline<br>Journ<br>al   | No     | Offline Journal   |
| 26. | 2022 | Dr.U.C.Pa<br>tkar | Application based<br>research study on<br>elearning<br>personalization<br>with artificial neural<br>networks | IJRAR         | ISSN<br>2348-<br>1269   | Volume 9 issue 2       | www.ijrar.<br>org                    | www.ij<br>rar.org  | No     | <a href="https://www.researchgate.net/publication/362517673_APPLICATION_BASED_RESEARCH_STUDY_ON_ELEARNING_PERSONALIZATION_WITH_ARTIFICIAL_NEURAL_NETWORKS">https://www.researchgate.net/publication/362517673_APPLICATION_BASED_RESEARCH_STUDY_ON_ELEARNING_PERSONALIZATION_WITH_ARTIFICIAL_NEURAL_NETWORKS</a> |
| 27. | 2022 | Dr.U.C.Pa<br>tkar | Intelligent Face<br>Detection using<br>Machine Learning  | skxjz         | ISSN-<br>1001-<br>6791` | Volume 33 Issue<br>4   | https://sk<br>xjz.info/in<br>dex.php | https://<br>skxjz.i<br>nfo/ind<br>ex.php<br>/AWS/<br>article/<br>view/7<br>1     | Scopus |   |
| 28. | 2022 | Dr.U.C.Pa<br>tkar | Crime Rate<br>Prediction using<br>Cyber Security and<br>Artificial Intelligent                               | skxjz         | ISSN –<br>1001-<br>6791 | Volume – 33<br>Issue 4 | https://sk<br>xjz.info/in<br>dex.php | https://<br>skxjz.i<br>nfo/ind<br>ex.php   | Scopus | 2022  |



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| 29. | 2022 | Dr.U.C.Pa<br>tkar | Big data analytics :<br>Research issues<br>and challenges       | GIS   | ISSN<br>1869-<br>9391    | Volume 9, Issue 4     | <a href="https://gis&lt;br/&gt;science.n&lt;br/&gt;et/">https://gis<br/>science.n<br/>et/</a> | <a href="https://&lt;br/&gt;gisscie&lt;br/&gt;nce.ne&lt;br/&gt;t/">https://<br/>gisscie<br/>nce.ne<br/>t/</a>   | No | <a href="https://www.resea&lt;br/&gt;rchgate.net/public&lt;br/&gt;ation/362517594_&lt;br/&gt;Big_Data_Analyti&lt;br/&gt;cs_Research_Iss&lt;br/&gt;ues_and_Challen&lt;br/&gt;ges?_sg%5B0%5&lt;br/&gt;D=1yvL2LUAOBI&lt;br/&gt;Vu1ivSiB8V-&lt;br/&gt;kT3guaHz_9Hfnq&lt;br/&gt;Or6bVRnLT5taB2&lt;br/&gt;Oclg1Qz6GEIj7i8&lt;br/&gt;DorVOrTd37Nlrdt&lt;br/&gt;XF6MlgJRm0gTX&lt;br/&gt;pdhB5O_IYDc.jN&lt;br/&gt;uei3izoXrs50zhV&lt;br/&gt;YZBhoW2E2lydD&lt;br/&gt;1UBXhRL8GfwiE&lt;br/&gt;zIkFqXEcxPiCCn&lt;br/&gt;OjWf1aLZc6nZM0&lt;br/&gt;Yvhf-&lt;br/&gt;AHmMu6j5qg">https://www.resea<br/>rchgate.net/public<br/>ation/362517594_<br/>Big_Data_Analyti<br/>cs_Research_Iss<br/>ues_and_Challen<br/>ges?_sg%5B0%5<br/>D=1yvL2LUAOBI<br/>Vu1ivSiB8V-<br/>kT3guaHz_9Hfnq<br/>Or6bVRnLT5taB2<br/>Oclg1Qz6GEIj7i8<br/>DorVOrTd37Nlrdt<br/>XF6MlgJRm0gTX<br/>pdhB5O_IYDc.jN<br/>uei3izoXrs50zhV<br/>YZBhoW2E2lydD<br/>1UBXhRL8GfwiE<br/>zIkFqXEcxPiCCn<br/>OjWf1aLZc6nZM0<br/>Yvhf-<br/>AHmMu6j5qg</a> |
| 30. | 2021 | Dr.U.C.Pa<br>tkar | 3D Surface<br>Generation for<br>riverbed for Recce<br>Operation | IRJET | e- ISSN<br>2395-<br>0056 | Volume 8, Issue 5     | <a href="https://w&lt;br/&gt;ww.irjet.n&lt;br/&gt;et/">https://w<br/>ww.irjet.n<br/>et/</a>   | <a href="https://&lt;br/&gt;www.ir&lt;br/&gt;jet.net/&lt;br/&gt;archiv&lt;br/&gt;es/V8/i&lt;br/&gt;5/IRJE&lt;br/&gt;T-&lt;br/&gt;V8I57&lt;br/&gt;72.pdf">https://<br/>www.ir<br/>jet.net/<br/>archiv<br/>es/V8/i<br/>5/IRJE<br/>T-<br/>V8I57<br/>72.pdf</a> | No | <a href="https://www.resea&lt;br/&gt;rchgate.net/public&lt;br/&gt;ation/362517751_3&lt;br/&gt;D_Surface_Genera&lt;br/&gt;tion_for_Riverbed&lt;br/&gt;for_Recce_Operati&lt;br/&gt;ons">https://www.resea<br/>rchgate.net/public<br/>ation/362517751_3<br/>D_Surface_Genera<br/>tion_for_Riverbed<br/>for_Recce_Operati<br/>ons</a>   |
| 31. | 2021 | Dr.U.C.Pa<br>tkar | Weather<br>Predection using                                     | GIS   | ISSN<br>1869-            | Volume 8, Issue<br>12 | <a href="https://gis&lt;br/&gt;science.n">https://gis<br/>science.n</a>                       | <a href="https://&lt;br/&gt;gisscie">https://<br/>gisscie</a>   | No | <a href="https://www.resea&lt;br/&gt;rchgate.net/public">https://www.resea<br/>rchgate.net/public</a>   |

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|     |      |                   | Machine Learning   |       | 9391                  |                       | et/   | nce.net/  |    | ation/362517661_WEATHER_PREDICTION_USING_MACHINE_LEARNING   |
| 32. | 2021 | Dr.U.C.Pa<br>tkar | Machine learning for weather forecasting using freely available weather data in python | GIS   | ISSN<br>1869-<br>9391 | Volume 8, Issue<br>12 | <a href="https://gis-science.net/">https://gis-science.net/</a>   | <a href="https://gisscience.net/">https://gisscience.net/</a>   | No | <a href="https://www.researchgate.net/publication/362517588_Machine_Learning_for_Weather_Forecasting_Using_Freely_Available_Weather_Data_in_Python">https://www.researchgate.net/publication/362517588_Machine_Learning_for_Weather_Forecasting_Using_Freely_Available_Weather_Data_in_Python</a>   |
| 33. | 2021 | Dr.U.C.Pa<br>tkar | An Hybrid and Syntatic Machine Translation Model for English to Ahirani Language       | IJGDC | ISSN<br>2005-<br>4262 | Volume 14, Issue<br>1 | <a href="https://sersc.org/journals/index.php/IJGDC/article/view/36109">https://sersc.org/journals/index.php/IJGDC/article/view/36109</a> | <a href="https://sersc.org/journals/index.php/IJGDC/article/view/36109">https://sersc.org/journals/index.php/IJGDC/article/view/36109</a> | No | <a href="https://www.researchgate.net/publication/362517488_An_Hybrid_and_Syntactic_Machine_Translation_Model_for_English_to_Ahirani_Language?_sg%5B0%5D=1yvL2LUAOBIVu1ivSiB8V-kT3guaHz_9Hfn16qOr6bVRnLT5taB2Oclg1Qz6GEIj7i8DorVOrTd37NirdtXF6MlgJRm0gTXpdhB5O_IYDc.jNuei3izoXrs50zhVYZBhoW2E2lydD1UBXhRL8GfwiEzIkFqXEcxPiCCn0jWf1aLZc6nZM0Yvhf-">https://www.researchgate.net/publication/362517488_An_Hybrid_and_Syntactic_Machine_Translation_Model_for_English_to_Ahirani_Language?_sg%5B0%5D=1yvL2LUAOBIVu1ivSiB8V-kT3guaHz_9Hfn16qOr6bVRnLT5taB2Oclg1Qz6GEIj7i8DorVOrTd37NirdtXF6MlgJRm0gTXpdhB5O_IYDc.jNuei3izoXrs50zhVYZBhoW2E2lydD1UBXhRL8GfwiEzIkFqXEcxPiCCn0jWf1aLZc6nZM0Yvhf-</a> |

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|     |      |                |   |         |                   |                   |   |   |    | AHmMu6j5qg  |
| 34. | 2020 | Dr.U.C.Patkar  | Under water BedProfile Generation                             | IRJET   | e- ISSN 2395-0056 | Volume 7, Issue 5 | <a href="https://www.irjet.net/">https://www.irjet.net/</a>   | <a href="https://www.irjet.net/">https://www.irjet.net/</a>   | No | <a href="https://www.researchgate.net/publication/362517729_Underwater_Bed_Profile_Generation">https://www.researchgate.net/publication/362517729_Underwater_Bed_Profile_Generation</a>   |
| 35. | 2020 | Dr.U.C.Patkar  | Bed Profile Generation  | IRJMETS | ISSN 2582-5208    | Volume 2, Issue 4 | <a href="https://www.irjmet.com/">https://www.irjmet.com/</a> | <a href="https://www.irjmet.com/">https://www.irjmet.com/</a>   | No | <a href="https://www.researchgate.net/publication/362517478_BED_PROFILE_GENERATION">https://www.researchgate.net/publication/362517478_BED_PROFILE_GENERATION</a>   |
| 36. | 2020 | Dr.U.C.Patkar  | Under water BedProfile Generation                             | IJSRD   | e- ISSN 2321-0613 | Volume 8, Issue 3 | <a href="https://www.ijerd.com/">https://www.ijerd.com/</a>   | <a href="https://www.ijerd.com/">https://www.ijerd.com/</a>   | No |   |
| 37. | 2020 | Dr. U.C.Patkar | Machine translation of English to ahirani language : a review | IRJET   | ISSN-2395-0056    | Volume7 issue 6   | <a href="https://www.irjet.net/">https://www.irjet.net/</a>   | <a href="https://www.irjet.net/archives/V7/i6/IRJET-V7I61011.pdf">https://www.irjet.net/archives/V7/i6/IRJET-V7I61011.pdf</a> | No | <a href="https://www.researchgate.net/publication/362517742_Machine_Translation_of_English_to_Ahirani_Language_A_Review">https://www.researchgate.net/publication/362517742_Machine_Translation_of_English_to_Ahirani_Language_A_Review</a> |
| 38. | 2020 | Dr.U.C.Patkar  | Automated Weather Station                                     | IRJET   | e- ISSN 2395-0056 | Volume7, Issue 5  | <a href="https://www.irjet.net/">https://www.irjet.net/</a>   | <a href="https://www.irjet.net/">https://www.irjet.net/</a>   | No | <a href="https://www.researchgate.net/publication/362517734_Automated_Weather_Station">https://www.researchgate.net/publication/362517734_Automated_Weather_Station</a>   |
| 39. | 2020 | Dr.U.C.Patkar  | Translation of English to Ahirani Language                    | IRJET   | e- ISSN 2395-0056 | Volume 7, Issue 6 | <a href="https://www.irjet.net/">https://www.irjet.net/</a>   | <a href="https://www.irjet.net/archives/V7/i">https://www.irjet.net/archives/V7/i</a>   | No | <a href="https://www.researchgate.net/publication/362517579_Translation_of_English_to_Ahirani">https://www.researchgate.net/publication/362517579_Translation_of_English_to_Ahirani</a>   |

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| 40. | 2020 | Dr.U.C.Parkar | WATER BED PROFILE GENERATION           | IRJMETS | ISSN-2582-5208 | Volume 2, Issue 4 | <a href="https://www.irjmet.com/">https://www.irjmet.com/</a> | <a href="https://www.irjmets.com/paperdetail.php?paperId=04d9bc8ce0e0e0c5f6c60f104b83791&amp;title=WATER+BED+PROFILE+GENERATION&amp;author=">https://www.irjmets.com/paperdetail.php?paperId=04d9bc8ce0e0e0c5f6c60f104b83791&amp;title=WATER+BED+PROFILE+GENERATION&amp;author=</a> | No | <a href="https://www.researchgate.net/publication/362517563_WATER_BED_PROFILE_GENERATION">https://www.researchgate.net/publication/362517563_WATER_BED_PROFILE_GENERATION</a>   |
| 41. | 2019 | Dr.U.C.Parkar | Future of communication -5G Technology | GJESR   | ISSN 2348-8034 | Volume 7, Issue 4 | <a href="https://www.gjesr.com/">https://www.gjesr.com/</a>   | <a href="https://www.gjesr.com/">https://www.gjesr.com/</a>   | No | <a href="https://www.researchgate.net/publication/362517477_GLOBAL_JOURNAL_OF_ENGINEERING_SCIENCE_AND_RESEARCHES_FUTURE_OF_COMMUNIC">https://www.researchgate.net/publication/362517477_GLOBAL_JOURNAL_OF_ENGINEERING_SCIENCE_AND_RESEARCHES_FUTURE_OF_COMMUNIC</a> |

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| 42. | 2018 | Dr.U.C.Pa<br>tkar | Plant disease<br>detection using<br>image<br>processing(rural<br>development) | IJIRCCE | ISSN<br>2320-<br>9798    | Volume 6,Issue 5 | <a href="https://www.ijrcce.com/">https://w<br/>ww.ijrcce<br/>.com/</a> | <a href="https://www.ijrcce.com/">https://<br/>www.iji<br/>rcce.c<br/>om/</a> | No | <a href="https://www.researchgate.net/publication/362517721_International_Journal_of_Innovative_Research_in_Computer_and_Communication_Engineering_Plant_Disease_Detection_Using_Image_Processing_Rural_Development">https://www.resea<br/>rchgate.net/public<br/>ation/362517721_<br/>International_Jour<br/>nal_of_Innovative<br/>_Research_in_Co<br/>mputer_and_Co<br/>munication_Engi<br/>neering_Plant_Dis<br/>ease_Detection_<br/>Using_Image_Pro<br/>cessing_Rural_D<br/>evelopment</a>   |
| 43. | 2017 | Dr.U.C.Pa<br>tkar | Tracking and<br>recovery of the<br>vehicle using GPS<br>and GSM               | IRJET   | e- ISSN<br>2395-<br>0056 | Volume 4,Issue 3 | <a href="https://www.irjet.net/">https://w<br/>ww.irjet.n<br/>et/</a>   | <a href="https://www.irjet.net/">https://<br/>www.ir<br/>jet.net/</a>         | No | <a href="https://www.researchgate.net/publication/362517542_Tracking_and_Recovery_of_the_vehicle_using_GPS_and_GSM?sg%5B0%5D=1yvL2LUAOBIVu1ivSiB8V-kT3guaHz_9HfnqOr6bVRnLT5taB2Oclg1Qz6GEIj7i8DorVOrTd37NlrdtXF6MlgJRm0gTXpdhB5O_IYDc.jNuei3izoXrs50zhVYZBhoW2E2lydD1UBXhRL8GfwiEzlkFqXEcxPiCCn0jWf1aLZc6nZM0">https://www.resea<br/>rchgate.net/public<br/>ation/362517542_<br/>Tracking_and_Re<br/>covery_of_the_ve<br/>hicle_using_GPS<br/>_and_GSM?_sg<br/>%5B0%5D=1yvL<br/>2LUAOBIVu1ivSi<br/>B8V-<br/>kT3guaHz_9Hfnq<br/>Or6bVRnLT5taB2<br/>Oclg1Qz6GEIj7i8<br/>DorVOrTd37Nlrdt<br/>XF6MlgJRm0gTX<br/>pdhB5O_IYDc.jN<br/>uei3izoXrs50zhV<br/>YZBhoW2E2lydD<br/>1UBXhRL8GfwiE<br/>zlkFqXEcxPiCCn<br/>0jWf1aLZc6nZM0</a> |

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|     |      |                   |  |         |                          |                       |   |   |    | Yvhf-AHmMu6j5qg   |
| 44. | 2017 | Dr.U.C.Pa<br>tkar | Phishing Detection<br>Using Visual<br>Cryptography                                       | IJRSET  | ISSN-<br>2319-<br>8753   | Volume 6, Issue 4     | <a href="https://www.ijrset.com/">https://www.ijrset.com/</a> | <a href="https://www.ijrset.com/upload/2017/april/122_Phishing.pdf">https://www.ijrset.com/upload/2017/april/122_Phishing.pdf</a>   | No |   |
| 45. | 2017 | Dr.U.C.Pa<br>tkar | An Intelligent Policy<br>Based Security<br>using Software<br>Defined Network<br>Approach | IJIRCCE | ISSN-<br>2320-<br>9801   | Volume 5 , issue<br>4 | <a href="https://ijircce.com/">https://ijircce.com/</a>       | <a href="https://ijircce.com/admin/main/storage/app/pdf/XJzfLqKWCAejpfgi6gS1z9aHzwilaZaKhcX7aptl.pdf">https://ijircce.com/admin/main/storage/app/pdf/XJzfLqKWCAejpfgi6gS1z9aHzwilaZaKhcX7aptl.pdf</a> | No |   |
| 46. | 2017 | Dr.U.C.Pa<br>tkar | Tracking and<br>recovery of the<br>vehicle using GPS<br>and GSM                          | IRJET   | e- ISSN<br>2395-<br>0056 | Volume 4, Issue 3     | <a href="https://www.irjet.net/">https://www.irjet.net/</a>   | <a href="https://www.irjet.net/">https://www.irjet.net/</a>   | No | <a href="https://www.researchgate.net/publication/362517542_Tracking_and_Recovery_of_the_vehicle_using_GPS_and_GSM?sg%5B0%5D=1yvL2LUAOBIVu1ivSiB8V-">https://www.researchgate.net/publication/362517542_Tracking_and_Recovery_of_the_vehicle_using_GPS_and_GSM?sg%5B0%5D=1yvL2LUAOBIVu1ivSiB8V-</a> |

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|     |      |                   |  |        |                       |                      |   |   |    |   | kT3guaHz_9Hfnq<br>Or6bVRnLT5taB2<br>Oclg1Qz6GEIj7i8<br>DorVOrTd37Nlrdt<br>XF6MlgJRm0gTX<br>pdhB5O_IYDc.jN<br>uei3izoXrs50zhV<br>YZBhoW2E2lydD<br>1UBXhRL8GfwiE<br>zIkFqXEcxPiCCn<br>0jWf1aLZc6nZM0<br>Yvhf-<br>AHmMu6j5qg |
| 47. | 2017 | Dr.U.C.Pa<br>tkar | Crop disease<br>detection using<br>image<br>processing(rural<br>development) | IJIR   | ISSN<br>2454-<br>1362 | Volume 3,Issue<br>12 | <a href="https://www.ijreview.com/ijir/">https://www.ijreview.com/ijir/</a> | <a href="https://www.ijreview.com/ijir/">https://www.ijreview.com/ijir/</a> | No | <a href="https://www.researchgate.net/publication/362517556_Crop_Disease_Detection_Using_Image_Processing_Rural_Development">https://www.researchgate.net/publication/362517556_Crop_Disease_Detection_Using_Image_Processing_Rural_Development</a>   |   |
| 48. | 2017 | Dr.U.C.Pa<br>tkar | Online Examination<br>system using voice<br>recognition<br>system            | IJESRT | ISSN<br>2277-<br>9655 | Volume ,Issue 12     | <a href="https://www.ijesrt.com/">https://www.ijesrt.com/</a>               | <a href="https://www.ijesrt.com/">https://www.ijesrt.com/</a>               | No | <a href="https://www.researchgate.net/publication/362517632_IJESRT_INTERNATIONAL_JOURNAL_OF_ENGINEERING_SCIENCES_RESEARCH_TECHNOLOGY_ONLINE_EXAMINATION_SYSTEM_USING_VOICE_RECOGNITION_SYSTEM">https://www.researchgate.net/publication/362517632_IJESRT_INTERNATIONAL_JOURNAL_OF_ENGINEERING_SCIENCES_RESEARCH_TECHNOLOGY_ONLINE_EXAMINATION_SYSTEM_USING_VOICE_RECOGNITION_SYSTEM</a> |   |
| 49. | 2016 | Dr.U.C.Pa<br>tkar | 5G Wireless<br>networ-   | IJARIE | ISSN<br>2395-         |                      |   |   |    |   |   |

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|     |      |                   | architecture and technology                                 |       | 4396                  |                      |   |   |    |   |
| 50. | 2016 | Dr.U.C.Pa<br>tkar | Automation testing<br>in software<br>organization           | IJCAT | ISSN<br>2319-<br>8656 | Volume 5,Issue 4     | <a href="https://ijcat.org/">https://ijcat.org/</a>                           | <a href="https://ijcat.org">https://ijcat.org</a>                             | No | <a href="https://www.researchgate.net/publication/362517283_Automation_Testing_In_Software_Organization">https://www.researchgate.net/publication/362517283_Automation_Testing_In_Software_Organization</a>   |
| 51. | 2016 | Dr.U.C.Pa<br>tkar | Paper battery the<br>solution for<br>traditional battery    | IJIR  | ISSN<br>2454-<br>1362 | Volume 2,Issue 5     | <a href="https://www.ijireview.com/ijir/">https://www.ijireview.com/ijir/</a> | <a href="https://www.ijireview.com/ijir/">https://www.ijireview.com/ijir/</a> | No | <a href="https://www.researchgate.net/publication/331247838_Paper_Battery_the_Solution_for_Traditional_Battery?sg%5B0%5D=1yvL2LUAOBlVu1ivSiB8V-kT3guaHz_9HfnqOr6bVRnLT5taB2Oclg1Qz6GElj7i8DorVOrTd37NlrdtXF6MlgJrm0gTXpdhB5O_IYDc.jNuei3izoXrs50zhVYZBhoW2E2lydD1UBXhRL8GfwiEzlkFqXEcxPiCCn0jWf1aLZc6nZM0Yvhf-AHmMu6j5qg">https://www.researchgate.net/publication/331247838_Paper_Battery_the_Solution_for_Traditional_Battery?sg%5B0%5D=1yvL2LUAOBlVu1ivSiB8V-kT3guaHz_9HfnqOr6bVRnLT5taB2Oclg1Qz6GElj7i8DorVOrTd37NlrdtXF6MlgJrm0gTXpdhB5O_IYDc.jNuei3izoXrs50zhVYZBhoW2E2lydD1UBXhRL8GfwiEzlkFqXEcxPiCCn0jWf1aLZc6nZM0Yvhf-AHmMu6j5qg</a> |
| 52. | 2016 | Dr.U.C.Pa<br>tkar | Ubiquitous<br>Computing Impact<br>for Intelligent<br>System | IJIR  | ISSN<br>2454-<br>1362 | Volume 2,Issue 5     | <a href="https://www.ijireview.com/ijir/">https://www.ijireview.com/ijir/</a> | <a href="https://www.ijireview.com/ijir/">https://www.ijireview.com/ijir/</a> | No | <a href="https://www.researchgate.net/publication/331247740_Ubiquitous_Computing_Impact_for_Intelligent_System">https://www.researchgate.net/publication/331247740_Ubiquitous_Computing_Impact_for_Intelligent_System</a>   |
| 53. | 2016 | Dr.U.C.Pa<br>tkar | IDS with Honey<br>Bee Server for                            | IJSRD | ISSN<br>2321-         | Volume 3,Issue<br>12 | <a href="https://www.ijsrcd.com/">https://www.ijsrcd.com/</a>                 | <a href="https://www.ijsrcd.com/">https://www.ijsrcd.com/</a>                 | No | <a href="https://www.researchgate.net/publication/331247740_Ubiquitous_Computing_Impact_for_Intelligent_System">https://www.researchgate.net/publication/331247740_Ubiquitous_Computing_Impact_for_Intelligent_System</a>   |



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|     |      |                   | Secure Communication in cloud Computing A Literature Survey Effort |        | 0613                  |                  | om/   | srd.co<br>m/  |    | <a href="https://www.researchgate.net/publication/331247725_ID_S_with_Honey_Bee_Server_for_Secure_Communication_in_cloud_Computing_A_Literature_Survey_Effort">tion/331247725_ID<br/>S_with_Honey_Bee<br/>Server_for_Secure<br/>Communication_i<br/>n_cloud_Computin<br/>g_A_Literature_Sur<br/>vey_Effort</a>   |
| 54. | 2016 | Dr.U.C.Pa<br>tkar | IoT Sensors and<br>Protocols                                       | IJSRD  | ISSN<br>2321-<br>0613 | Volume 4,Issue 2 | <a href="https://www.ijcsrd.com/">https://w<br/>ww.ijcsrd.c<br/>om/</a> | <a href="https://www.ijcsrd.com/">https://<br/>www.ij<br/>srd.co<br/>m/</a> | No | <a href="https://www.researchgate.net/publication/331247542_IoT_Sensors_and_Protocols">https://www.resear<br/>chgate.net/publica<br/>tion/331247542_Io<br/>T_Sensors_and_Pro<br/>tocols</a>  |
| 55. | 2016 | Dr.U.C.Pa<br>tkar | Database for<br>Artificial Inteligence                             | IJCSMC | ISSN<br>2320-<br>088X | Volume 5,Issue 3 | <a href="https://ijcsmc.com/">https://ijc<br/>smc.com/</a>              | <a href="https://ijcsmc.com/">https://<br/>ijcsmc.<br/>com/</a>             | No | <a href="https://www.researchgate.net/publication/331247546_DATABASES_FOR_ARTIFICIAL_INTELLIGENCE-AI_Artificial_intelligence_RDMS_Relational_database_management_system_DBMS_Database_management_system_IDMS_Intelligent_database_management_system_HIPM_Human_infor?_sg%5B0%5D=1yvL2LUAOBIVu1ivSiB8V-kT3guaHz_9HfnqOr6bVRnLT5taB2Oclg1Qz6GEIj7i8DorVOrTd37Nlrdt">https://www.resea<br/>rchgate.net/public<br/>ation/331247546_<br/>DATABASES_FO<br/>R_ARTIFICIAL_I<br/>NTELLIGENCE-<br/>AI_Artificial_intelli<br/>gence_RDMS_R<br/>elational_databas<br/>e_management_s<br/>ystem_DBMS_Da<br/>tabase_managem<br/>ent_system_IDM<br/>S_Intelligent_data<br/>base_manageme<br/>nt_system_HIPM<br/>_Human_infor?_s<br/>g%5B0%5D=1yv<br/>L2LUAOBIVu1ivS<br/>iB8V-<br/>kT3guaHz_9Hfnq<br/>Or6bVRnLT5taB2<br/>Oclg1Qz6GEIj7i8<br/>DorVOrTd37Nlrdt</a> |

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| 56. | 2016 | Dr.U.C.Pa<br>tkar | An_Innovative_Stu<br>dy_on_Artificial_Int<br>elligence_and_Rob<br>otics | IJIRCCE | ISSN<br>2320-<br>9801 | Volume 4,Issue 3 | <a href="https://www.ijrcce.com/">https://w<br/>ww.ijrcce<br/>.com/</a>                            | <a href="https://www.ijircce.com">https://<br/>www.iji<br/>rcce.c<br/>om</a>                                 | No | <a href="https://www.researchgate.net/publication/331247477_An_Innovative_Study_on_Artificial_Intelligence_and_Robotics">https://www.resear<br/>chgate.net/publica<br/>tion/331247477_A<br/>n_Innovative_Stu<br/>dy_on_Artificial_Inte<br/>lligence_and_Robo<br/>tics</a>   |
| 57. | 2016 | Dr.U.C.Pa<br>tkar | Health Analysis via<br>Wireless Sensor<br>Network                       | IJSRSET | ISSN<br>2395-<br>4099 | Volume 2,Issue 2 | <a href="https://ijsrset.com/index.php/home">https://ijsr<br/>set.com/i<br/>ndex.php<br/>/home</a> | <a href="https://ijsrset.com/index.php/home">https://<br/>ijsrset.<br/>com/in<br/>dex.ph<br/>p/hom<br/>e</a> | No | <a href="https://www.researchgate.net/publication/362517270_Healthcare_Analysis_via_Wireless_Sensor_Network">https://www.resea<br/>rchgate.net/public<br/>ation/362517270_<br/>Healthcare_Analy<br/>sis_via_Wireless_<br/>Sensor_Network</a>  |
| 58. | 2016 | Dr.U.C.Pa<br>tkar | DNA computing<br>and<br>implementations                                 | IJRITCC | ISSN<br>2321-<br>8169 | Volume 4,Issue 4 | <a href="https://ijritcc.org/">https://ijrit<br/>cc.org/</a>                                       | <a href="https://ijritcc.org/">https://<br/>ijritcc.<br/>org/</a>  | No | <a href="https://www.researchgate.net/publication/362517293_International_Journal_on_Recent_and_Innovation_Trends_in_Computing_and_Communication_DNA_Computing_and_Implementations">https://www.resea<br/>rchgate.net/public<br/>ation/362517293_<br/>International_Jour<br/>nal_on_Recent_a<br/>nd_Innovation_Tr<br/>ends_in_Computi<br/>ng_and_Communi<br/>cation_DNA_Co<br/>mputing_and_Imp<br/>lementations</a> |
| 59. | 2016 | Dr.U.C.Pa<br>tkar | Artificial intelligence<br>approaches in<br>cyber security              | IJRITCC | ISSN<br>2321-<br>8169 | Volume 4,Issue 4 | <a href="https://ijritcc.org/">https://ijrit<br/>cc.org/</a>                                       | <a href="https://ijritcc.org/">https://<br/>ijritcc.<br/>org</a>   | No | <a href="https://www.researchgate.net/publication/331247491_">https://www.resea<br/>rchgate.net/public<br/>ation/331247491_</a>   |

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|     |      |               |  |       |                   |                   |   |   |    | International Journal on Recent and Innovation Trends in Computing and Communication Artificial Intelligence approaches in Cyber Security   |
| 60. | 2016 | Dr.U.C.Parkar | Self-Defending Approach of a Network           | IRJET | e- ISSN 2395-0056 | Volume 3, Issue 4 | <a href="https://www.irjet.net/">https://www.irjet.net/</a> | <a href="https://www.irjet.net">https://www.irjet.net</a>   | No | <a href="https://www.researchgate.net/publication/362517724_Self-Defending_Approach_of_a_Network?sg%5B0%5D=1yvL2LUAOBIVu1ivSiB8V-kT3guaHz_9HfnqOr6bVRnLT5taB2Oclg1Qz6GElj7i8DorVOrTd37NlrdtXF6MlgJRm0gTXpdhB5O_IYDc.jNuei3izoXrs50zhVYZBhoW2E2lydD1UBXhRL8GfwiEzlkFqXEcxPiCCn0jWf1aLZc6nZM0Yvhf-AHmMu6j5qg">https://www.researchgate.net/publication/362517724_Self-Defending_Approach_of_a_Network?sg%5B0%5D=1yvL2LUAOBIVu1ivSiB8V-kT3guaHz_9HfnqOr6bVRnLT5taB2Oclg1Qz6GElj7i8DorVOrTd37NlrdtXF6MlgJRm0gTXpdhB5O_IYDc.jNuei3izoXrs50zhVYZBhoW2E2lydD1UBXhRL8GfwiEzlkFqXEcxPiCCn0jWf1aLZc6nZM0Yvhf-AHmMu6j5qg</a> |
| 61. | 2016 | Dr.U.C.Parkar | Blue brain technology to preserve intelligence | IRJET | e- ISSN 2395-0056 | Volume 3, Issue 4 | <a href="https://www.irjet.net/">https://www.irjet.net/</a> | <a href="https://www.irjet.net/">https://www.irjet.net/</a> | No | <a href="https://www.researchgate.net/publication/331247693_Blue_Brain_Technology_to_Preserve_Intelligence">https://www.researchgate.net/publication/331247693_Blue_Brain_Technology_to_Preserve_Intelligence</a>   |

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| 62. | 2016 | Dr.U.C.Patkar | Model survey on policy making for software defined networks                             | JJRASET | ISSN 2321-9653 | Volume 4, Issue 11 | <a href="https://www.ijraset.com/">https://www.ijraset.com/</a>                               | <a href="https://www.ijraset.com">https://www.ijraset.com</a>   | No | <a href="https://www.researchgate.net/publication/362517306_Model_Survey_on_Policy_Making_for_Software_Defined_Networks">https://www.researchgate.net/publication/362517306_Model_Survey_on_Policy_Making_for_Software_Defined_Networks</a>   |
| 63. | 2016 | Dr.U.C.Patkar | Voice based examination system  | IJCSCMC | ISSN 2320-088X | Volume 5, Issue 12 | <a href="https://ijcsmc.com/">https://ijcsmc.com/</a>   | <a href="https://ijcsmc.com/">https://ijcsmc.com/</a>   | No | <a href="https://www.researchgate.net/publication/362517309_VOICE_BASED_EXAMINATION_SYSTEM">https://www.researchgate.net/publication/362517309_VOICE_BASED_EXAMINATION_SYSTEM</a>   |
| 64. | 2016 | Dr.U.C.Patkar | Transient Authentication for cloud data security  | IJSRSET | ISSN2394-4099  | Volume 2, Issue 2  | <a href="https://ijrset.com/home">https://ijrset.com/home</a>                                 | <a href="https://ijrset.com/home/issue/view/article.php?id=IJSRSET16222">https://ijrset.com/home/issue/view/article.php?id=IJSRSET16222</a> | No | <a href="https://www.researchgate.net/profile/Uday-Patkar">https://www.researchgate.net/profile/Uday-Patkar</a>   |
| 65. | 2015 | Dr.U.C.Patkar | Big Data Visualization Challenges and SAS Visual Analytics                              | IJCSCMC | ISSN 2320-088X | Volume 4, Issue 12 | <a href="https://ijcsmc.com/">https://ijcsmc.com/</a>   | <a href="https://ijcsmc.com/">https://ijcsmc.com/</a>   | No | <a href="https://www.researchgate.net/publication/328232652_Big_Data_Visualization_Challenges_and_SAS_Visual_Analytics">https://www.researchgate.net/publication/328232652_Big_Data_Visualization_Challenges_and_SAS_Visual_Analytics</a>   |
| 66. | 2012 | Dr.U.C.Patkar | _Generalise_Approach_for_Conversion_of_English_Multi_and_Question_Sentences_to_Sanskrit | IJNGCA  | ISSN 2319-524X | Volume 1, Issue 3  | <a href="https://ijnngc.perpetualinnovation.net/">https://ijnngc.perpetualinnovation.net/</a> | <a href="https://ijnngc.perpetualinnovation.net/">https://ijnngc.perpetualinnovation.net/</a>   | No | <a href="https://www.researchgate.net/publication/328215551_Generalise_Approach_for_Conversion_of_English_Multi_and_Question_Sentences_to_Sanskrit">https://www.researchgate.net/publication/328215551_Generalise_Approach_for_Conversion_of_English_Multi_and_Question_Sentences_to_Sanskrit</a> |

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|     |      |               | it_Vocal_Format_Using_RBM_Technique   |        |                |                   |   | net/  |    | <a href="#">of English Multi and Question Sentences to Sanskrit Vocal Format Using RBM Technique</a>  |
| 67. | 2012 | Dr.U.C.Patkar | _TRANSFORMATION_OF_MULTIPLE_ENGLISH_TEXT_SENTENCES_TO_VOCAL_SANSKRIT_USING_RULE_BASED_TECHNIQUE | IJCSMC | ISSN 2278-5183 | Volume 2, Issue 1 | <a href="https://ijcsmc.com/">https://ijcsmc.com/</a>   | <a href="https://ijcsmc.com/">https://ijcsmc.com/</a>   | No | <a href="https://www.researchgate.net/publication/328232741_TRANSFORMATION_OF_MULTIPLE_ENGLISH_TEXT_SENTENCES_TO_VOCAL_SANSKRIT_USING_RULE_BASED_TECHNIQUE">https://www.researchgate.net/publication/328232741_TRANSFORMATION_OF_MULTIPLE_ENGLISH_TEXT_SENTENCES_TO_VOCAL_SANSKRIT_USING_RULE_BASED_TECHNIQUE</a> |
| 68. | 2010 | Dr.U.C.Patkar | Smart utility for maas 2005   | JERS   | ISSN 0976-7916 | Volume 1, Issue 2 | <a href="https://www.entomol.org/journal/index.php/JERS/index">https://www.entomol.org/journal/index.php/JERS/index</a> | <a href="https://www.entomol.org/journal/index.php/JERS/index">https://www.entomol.org/journal/index.php/JERS/index</a> | No | <a href="https://www.researchgate.net/publication/264878627_SMART_UTILITY_FOR_MSAS_2005">https://www.researchgate.net/publication/264878627_SMART_UTILITY_FOR_MSAS_2005</a>   |

2) National Journals

| Sr. No. | Calendar Year of Publication | Name of the Author(s) | Title of Paper                       | Name of the Journal | ISBN           | Volume & Issue     | Weblink / URL to Journal  | Weblink / URL to Paper  | Is it Scopus Indexed/UGC-CARE listed/WoS Indexed? | Research Gate Link of the Article PDF   |
|---------|------------------------------|-----------------------|--------------------------------------|---------------------|----------------|--------------------|---|---|---|---|
| 1       | 2016                         | Dr.U.C. Patkar        | Phishing Attacks and its preventions | IJR                 | ISBN 2454-1362 | Volume 2, Issue 12 | <a href="https://www.ijireview.com/ijir/">https://www.ijireview.com/ijir/</a> | <a href="https://www.ijireview.com/ijir/">https://www.ijireview.com/ijir/</a> | No  | <a href="https://www.researchgate.net/publication/362517536_Phishing_Attacks_and_Its_Preventions">https://www.researchgate.net/publication/362517536_Phishing_Attacks_and_Its_Preventions</a> |

3) International Conference Proceedings

| Sr. No. | Calendar Year of Publication | Name of the Author(s) | Title of Paper / Proceedings | Name of the Conference | ISBN of the Proceedings | Weblink / URL to Conference Proceedings / Paper (if any) |
|---------|------------------------------|-----------------------|------------------------------|------------------------|-------------------------|--|
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4) National Conference Proceedings

| Sr. No. | Calendar Year of Publication | Name of the Author(s) | Title of Paper / Proceedings | Name of the Conference | ISBN of the Proceedings | Weblink / URL to Conference Proceedings / Paper (if any) |
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5) Books Published

| Sr. No. | Calendar Year of Publication | Name of the Author(s) | Name of the Book  | Publisher                    | Level (University/National/International/Others) | ISBN of the book |
|---------|------------------------------|-----------------------|---|------------------------------|--|------------------|
| 1       | 2024                         | Dr.U.C.Patkar         | Real world Challenges in quantum electronics and machine computing Chapter 24 Smarter power grids: Quantum Computing for Enhanced Energy Distribution | IGIGlobal                    | International                                    | 9798369350447    |
| 2       | 2022                         | Dr.U.C.Patkar         | Software Testing and quality assurance  | TECHNICAL PUBLICATIONS, PUNE | University                                       | 9789355851550    |
| 3       | 2016                         | Prof.U.C.Patkar       | Microprocessor  | Nirali Prakashan Pune        | University                                       | 9789386353184    |

6) Patents

| Sr. No. | Patent Application No. | Status of Patent (Published / Granted) | Inventor /s Name     | Title of the Patent   | Applicant/s Name    | Patent Filed Date (DD/MM/YY) | Patent Published Date / Granted Date (DD/MM/YY) | Patent Publication Number / Patent Granted Number | Assignee/s Name (Institute Affiliation/s at time of Application) | Here, attach Source Proof Screenshots/ URL/ Website Links, etc.   |
|---------|------------------------|--|----------------------|---|---------------------|------------------------------|---|---|--|---|
| 1.      | 202421003824           | Published                              | Dr. R. S. Chandok    | Quantity detector, wireless gas leakage sensor and predefined triggers message for custom er. | Dr.Prof. U.C.Patkar | 19/01/2024                   | 09/02/2024                                      |   | BVCOE L, Pune  | <a href="https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus">https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus</a> |
| 2.      | 202321009729           | Published                              | Dr. Prof.U.C .Patkar | Design of an ROV to find Dead Bodies  | Dr.Prof. U.C.Patkar | 14/02/2023                   | 3/3/2023  |   | BVCOE L,Pune   | <a href="https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus">https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus</a> |



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|    |                  |               |                                 | Underwa<br>ter  |                            |            |           |  |                 |   |
| 3. | 2022110<br>31261 | Publish<br>ed | Mr.<br>Brijesh<br>Kumar         | Analysis<br>of<br>youtube<br>ADS in<br>didital<br>marketin<br>g to<br>reach<br>mass<br>audience<br>and its<br>compara<br>tive<br>effctiven<br>ess | Dr.Prof.<br>U.C.Pat<br>kar | 5/31/2022  | 6/17/2022 |  | BVCOE<br>L,Pune | <a href="https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus">https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus</a> |
| 4. | 2021210<br>62300 | Publish<br>ed | Prof.<br>Kavita<br>Moholka<br>r | System<br>and<br>method<br>for<br>Questio<br>n<br>generati<br>on<br>based<br>on<br>Blooms<br>Taxono<br>my and<br>assisme<br>nt<br>generati<br>on  | Dr.Prof.<br>U.C.Pat<br>kar | 12/31/2021 | 1/21/2022 |  | BVCOE<br>L,Pune | <a href="https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus">https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus</a> |
| 5. | 2022210<br>00867 | Publish<br>ed | Dr.<br>Nikita                   | Event   | Dr.Prof.<br>U.C.Pat        | 1/6/2022   | 2/11/2022 |  | BVCOE<br>L,Pune | <a href="https://iprsearch.ipindia.gov">https://iprsearch.ipindia.gov</a>   |

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|----|--------------|-----------|----------------------|---|-----------------|-----------|-----------|--|-------------|--|
|    |              |           | Kulkarni             | management system: the cost of foos is based on the price of saving plate or dish | kar             |           |           |  |             | .in/PatentSearch/PatentSearch/ViewApplicationStatus                              |
| 6. | 202121035174 | Published | Prof.Avinash Golande | ECG Based Automatic and Dynamic System for Heart Disease Prediction               | Prof.U.C.Patkar | 8/4/2021  | 12/3/2021 |  | BVCOEL,Pune | https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus |
| 7. | 202121036531 | Published | Dr. Nilesh sabale    | Internet at MAX (iMAX)  | Prof.U.C.Patkar | 8/12/2021 | 12/3/2021 |  | BVCOEL,Pune | https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus |
| 8. | 202121027847 | Published | Dr.Aradhana Deshmukh | SYSTEM FOR MONITORING EYE CLOSURE AND YAWNING OF                                  | Prof.U.C.Patkar | 6/22/2021 | 8/6/2021  |  | BVCOEL,Pune | https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus |

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|-----|--------------|-----------|-------------------|--|------------------|-----------|-----------|--|--------------|---|
|     |              |           |                   | AUTOMOBILE OPERATOR TO REVEAL FATIGUE                                  |                  |           |           |  |              |   |
| 9.  | 202121033210 | Published | Prof. Vijaykotkar | System for Robost and Scalable anomaly detection in video surveillance | Prof.U. C.Patkar | 7/23/2021 | 8/20/2021 |  | BVCOE L,Pune | <a href="https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus">https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus</a> |
| 10. | 202121031548 | Published | Dr. Abhay Kudale  | System for Generation Evidence on use of antibiotics                   | Prof.U. C.Patkar | 7/14/2021 | 8/13/2021 |  | BVCOE L,Pune | <a href="https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus">https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus</a> |
| 11. | 202021019665 | Published | Mrs. Roma Kudale  | Smart Traffic Management System for Emergency                          | Prof.U. C.Patkar | 5/9/2020  | 1/15/2021 |  | BVCOE L,Pune | <a href="https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus">https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus</a> |

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|     |                  |               |                                | Vehicle<br>s  |                         |           |           |  |                 |   |
| 12. | 2020210<br>20572 | Publish<br>ed | Dr.R.N.<br>Patil               | SP-<br>Blockag<br>e<br>Remov<br>er:<br>BLOCK<br>AGE<br>REMOV<br>ER<br>FOR<br>SEWAG<br>E<br>PIPELI<br>NE | Prof.U.<br>C.Patka<br>r | 5/15/2020 | 9/11/2020 |  | BVCOE<br>L,Pune | <a href="https://iprsearch.ipindia.gov.in/PatentSearch/ViewApplicationStatus">https://iprsearch.ipindia.gov.in/PatentSearch/ViewApplicationStatus</a> |
| 13. | 2020210<br>22805 | Publish<br>ed | Prof.U.C<br>.Patkar            | IO -<br>Transsa<br>ction<br>Security<br>:<br>Intellige<br>nt<br>Online<br>Transsa<br>ction<br>Security  | Prof.U.<br>C.Patka<br>r | 5/30/2020 | 9/11/2020 |  | BVCOE<br>L,Pune | <a href="https://iprsearch.ipindia.gov.in/PatentSearch/ViewApplicationStatus">https://iprsearch.ipindia.gov.in/PatentSearch/ViewApplicationStatus</a> |
| 14. | 2020210<br>23568 | Publish<br>ed | Dr.<br>Shikha<br>Bharad<br>waj | Nose<br>Filter<br>Device:<br>INVISIB<br>LE<br>NASAL<br>ILLNES<br>S<br>DEFEN<br>DER                      | Prof.U.<br>C.Patka<br>r | 6/5/2020  | 7/24/2020 |  | BVCOE<br>L,Pune | <a href="https://iprsearch.ipindia.gov.in/PatentSearch/ViewApplicationStatus">https://iprsearch.ipindia.gov.in/PatentSearch/ViewApplicationStatus</a> |

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| 15. | 2020210<br>20233 | Published | Dr.R.N.<br>Patil    | MRM:<br>Portabl<br>e Mosquit<br>o Repelle<br>nt Machin<br>e                                      | Prof.U.<br>C.Patka<br>r | 5/13/2020 | 7/31/2020 |  | BVCOE<br>L,Pune | <a href="https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus">https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus</a> |
| 16. | 2020210<br>19020 | Published | Dr.R.N.<br>Patil    | 3D -<br>Cloth<br>Analysi<br>s  | Prof.U.<br>C.Patka<br>r | 5/5/2020  | 5/27/2022 |  | BVCOE<br>L,Pune | <a href="https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus">https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus</a> |
| 17. | 2020210<br>19022 | Published | Dr.R.N.<br>Patil    | Smart<br>Electric<br>Switch  | Prof.U.<br>C.Patka<br>r | 5/5/2020  | 5/27/2022 |  | BVCOE<br>L,Pune | <a href="https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus">https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus</a> |
| 18. | 2020210<br>17542 | Published | Prof.U.C<br>.Patkar | Portabl<br>e Hand<br>Sanitize<br>r Device<br>(timer,<br>sanitizer<br>, mobile<br>controll<br>er) | Prof.U.<br>C.Patka<br>r | 4/24/2020 | 8/28/2020 |  | BVCOE<br>L,Pune | <a href="https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus">https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus</a> |

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| 19. | 2020210<br>18428 | Published | Prof.U.C<br>.Patkar | IWC -<br>Cooker<br>:<br>INTELLI<br>GENT<br>COOKE<br>R<br>WHIST<br>LE<br>COUNTE<br>R | Prof.U.<br>C.Patka<br>r | 4/30/2020 | 6/12/2020 |  | BVCOE<br>L,Pune | <a href="https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus">https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus</a> |
| 20. | 2020210<br>28299 | Published | Prof.U.C<br>.Patkar | DR-<br>Toothpa<br>ste :<br>DUEL<br>RECYC<br>LE<br>TOOTH<br>PASTE                    | Prof.U.<br>C.Patka<br>r | 7/3/2020  | 7/31/2020 |  | BVCOE<br>L,Pune | <a href="https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus">https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus</a> |
| 21. | 2020210<br>28299 | Published | Prof.U.C<br>.Patkar | DR-<br>Toothpa<br>ste :<br>DUEL<br>RECYC<br>LE<br>TOOTH<br>PASTE                    | Prof.U.<br>C.Patka<br>r | 7/3/2020  | 7/31/2020 |  | BVCOE<br>L,Pune | <a href="https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus">https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus</a> |
| 22. | 2019210<br>40698 | Filed     | Prof.U.C<br>.Patkar | To help<br>Staple<br>the pins<br>at the<br>Right<br>Angle                           | Prof.U.<br>C.Patka<br>r | 10/9/2019 |           |  | BVCOE<br>L,Pune | <a href="https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus">https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus</a> |
| 23. | 2019210<br>40697 | Filed     | Prof.U.C<br>.Patkar | Detevtio<br>n of<br>stapler<br>pins left  | Prof.U.<br>C.Patka<br>r | 10/9/2019 |           |  | BVCOE<br>L,Pune | <a href="https://iprsearch.ipindia.gov.in/PatentSearch/PatentSe">https://iprsearch.ipindia.gov.in/PatentSearch/PatentSe</a>   |

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|     |                  |       |                     | using<br>electricit<br>y   |                         |           |  |  |                 | arch/ViewApp<br>licationStatus  |
| 24. | 2019210<br>40705 | Filed | Prof.U.C<br>.Patkar | Leakag<br>e and<br>Outlet<br>with<br>Pressur<br>e<br>Locator<br>in Pipes | Prof.U.<br>C.Patka<br>r | 10/9/2019 |  |  | BVCOE<br>L,Pune | <a href="https://iprsearch.ipindia.gov.in/PatentSearch/ViewApplicationStatus">https://iprsearch.ipindia.gov.in/PatentSearch/ViewApplicationStatus</a> |

## Research Publications, Books Published and Patents

### 1) International Journals

| Sr. No. | Year of Publication | Name of the Author(s) | Title of Paper   | Name of the Journal                     | ISSN                | Volume & Issue | Weblink / URL to Journal  | Weblink / URL to Paper  | Is it Scopus Indexed/UGC-CARE listed /WoS Indexed? | Research Gate Link of the Article PDF   |
|---------|---------------------|-----------------------|--|---|---------------------|----------------|---|---|--|---|
| 1.      | 2023-24             | Parinita J Chate      | Using yolo V7 Development of Complete Vids solution Based on Latest requirements to provide Highway Traffic and Incident Real time info to the ATMs control room using Artificial Intelligence | Journal of Survey in Fisheries Sciences | 10(4S)<br>3444-3456 |                | <a href="https://sifisheriesciences.com">https://sifisheriesciences.com</a> | <a href="https://siferiessciences.com/journal/index.php/journal/article/view/2217/2270">https://siferiessciences.com/journal/index.php/journal/article/view/2217/2270</a> | Scopus indexed                                     | <a href="https://www.researchgate.net/publication/372078659_Using_Yolo_V7_Development_Of_Complete_Vids_Solution_Based_On_Latest_Requirements_To_Provide_Highway_Traffic_And_Incident_Real_Time_Info_To_The_A">https://www.researchgate.net/publication/372078659_Using_Yolo_V7_Development_Of_Complete_Vids_Solution_Based_On_Latest_Requirements_To_Provide_Highway_Traffic_And_Incident_Real_Time_Info_To_The_A</a> |



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| 2. | 2023-<br>24 | Parinita J Chate | Identifying and<br>Resolving<br>Challenges in<br>the IT Hiring<br>Process: A<br>Comprehensiv<br>e Review | European<br>Chemical<br>Bulletin | ISSN:<br>2063-5346 | Vol-12,<br>Issue -<br>10,<br>8768-<br>8773 | <a href="https://europeanchemicalbulletin.com">https://e<br/>urche<br/>mb<br/>ull.co<br/>m</a> | <a href="https://europeanchemicalbulletin.com/uploads/paper/9f309a30f95189462f86f31dcfe97ae2.pdf">https://eu<br/>rc<br/>hembull.<br/>co<br/>m/upload<br/>s/<br/>paper/9f3<br/>0<br/>9a30f951<br/>89<br/>462f86f3<br/>1d<br/>cfe97ae2.<br/>pd f</a> | Scopus<br>indexe<br>d | <a href="https://www.researchgate.net/publication/374628607-Identifying_and_Resolving_Challenges_in_the_IT_Hiring_Process_A_Comprehensive_Review_Section_A-Research_paper_Identifying_and_Resolving_Challenges_in_the_IT_Hiring_Process_A_Comprehensive_Review_Section_A-Research_paper_Identifying_and_Resolving_Challenges_in_the_IT_Hiring_Process_A_Comprehensive_Review">https://ww<br/>w.research<br/>gate.net/p<br/>ublication/<br/>37462860<br/>7_Identify<br/>ing_and_R<br/>esolving_<br/>Challenge<br/>s_in_the_I<br/>T_Hiring_<br/>Process_A<br/>_Compreh<br/>ensive_Re<br/>view_Sect<br/>ion_A-<br/>Research_<br/>paper_Ide<br/>ntifying_a<br/>nd_Resolv<br/>ing_Challe<br/>nges_in_th<br/>e_IT_Hiri<br/>ng_Proces<br/>s_A_Com<br/>prehensive<br/>_Review</a> |
| 3. | 2023-<br>24 | Parinita J Chate | Design and<br>Analysis of  | Internation<br>al Journal        | 2321-9653          | 3,4  | <a href="https://www.ijras">https://w<br/>ww.ijras</a>   | <a href="https://www.ijraset.co">https://ww<br/>w.ijraset.co</a>   | UGC                   | <a href="https://www.research">https://ww<br/>w.research</a>  |

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|    |         |                  | Unlocking Student Emotions: Enhancing E-Learning with Facial Emotion Detection                            | for Research in Applied Science & Engineering Technology (IJRASET) |                |                         | et.com  | m/research - paper/unlocking-student-emotions-enhancing-e-learning-with-facial-emotion-detection                              |                | gate.net/publication/377069093_Design_and_Analysis_of_Unlocking_Student_Emotions_Enhancing_E-Learning_with_Facial_Emotion_Detection   |
| 4. | 2023-24 | Parinita J Chate | Analogous Study and Performance evaluation of Supervised Machine Learning algorithms for Sales Prediction | Journal of Technology  | ISSN: 10123407 | VOLUME 12 ISSUE 4, 2024 | <a href="https://journaloftechnology.org/volume-12-issue-4-2024/">https://journaloftechnology.org/volume-12-issue-4-2024/</a> | <a href="https://journaloftechnology.org/volume-12-issue-4-2024/">https://journaloftechnology.org/volume-12-issue-4-2024/</a> | Scopus indexed | <a href="https://www.researchgate.net/publication/380889733_Analogous_Study_and_Performance_evaluation_of_Supervised_Machine_Learning_algorithms_for_Sales_Prediction">https://www.researchgate.net/publication/380889733_Analogous_Study_and_Performance_evaluation_of_Supervised_Machine_Learning_algorithms_for_Sales_Prediction</a> |
| 5. | 2022-   | Parinita J Chate | Novel   | Journal Of   | ISSN:          | Vol:13,                 | <a href="https://w">https://w</a>   | <a href="https://w">https://w</a>   | Scopus         | <a href="https://ww">https://ww</a>   |

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|    | 2023      |                  | Management Trends Using IOT in Indian Automotive Spares Manufacturing Industries      | Pharmaceutical Negative Results             | 0976-9234<br>E-SSN:<br>2229-7723 | Issue:9              | <a href="http://www.pnrjournal.com">www.pnrjournal.com</a>                    | <a href="http://www.pnrjournal.com/index.php/home/article/view/4501/4924">www.pnrjournal.com/index.php/home/article/view/4501/4924</a> | indexed        | w.researchgate.net/publication/371379874_Novel_Management_Trends_Using_Iot_In_Indian_Automotive_Spares_Manufacturing_Industries   |
| 6. | 2022-2023 | Parinita J Chate | A Study Paper: NCPR Reducing Path-Discovery overload in Mobile AdhocNetworks(MANET's) | NeuroQuantology                             | 1303-5150                        | Volume 20   Issue 11 | <a href="https://www.neuroquantology.com">https://www.neuroquantology.com</a> | <a href="https://www.neuroquantology.com/data-cms/articles/2022092">https://www.neuroquantology.com/data-cms/articles/2022092</a>      | Scopus indexed | <a href="https://www.researchgate.net/publication/371566007_NeuroQuantology_September_2022_Volume20_Issue_11_PAGE">https://www.researchgate.net/publication/371566007_NeuroQuantology_September_2022_Volume20_Issue_11_PAGE</a> |
| 7. | 2021-2022 | Parinita J Chate | IMPLEMENTATION OF WEATHER PREDICTION AND GIS MODELLING USING M                        | INTERNATIONAL JOURNAL OF ADVANCE SCIENTIFIC | 2456-0774                        | Volume 6 , Issue 12  | <a href="https://www.ijasret.com/">https://www.ijasret.com/</a>               | <a href="https://www.ijasret.com/">https://www.ijasret.com/</a>  | UGC            | <a href="https://www.researchgate.net/publication/362539972_IMPLEMENTATION">https://www.researchgate.net/publication/362539972_IMPLEMENTATION</a>   |

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|    |         |                  |   | RESEARCH |           |                  |  |  |     | <a href="#">PREDICTI<br/>O<br/>N AND G<br/>I<br/>S MODEL<br/>LI<br/>NG USIN<br/>G<br/>ML</a>  |
| 8. | 2021-22 | Parinita J Chate | Viability of Augmented Reality and Virtual Reality in Education | JETIR    | 2349-5162 | Volume 9 Issue 5 |  |  | UGC | <a href="https://www.researchgate.net/publication/362540227_Viability_of_Augmented_Reality_and_Virtual_Reality_in_Education">https://www.researchgate.net/publication/362540227_Viability_of_Augmented_Reality_and_Virtual_Reality_in_Education</a> |

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| 9. | 2021-22 | Parinita J Chate | The Advance Techniques Used in Cyber Security for Phishing Detection | GIS Science Journal | 1869-9391 | Vol 8, Issue 9, pg no 55 | <a href="http://www.gisscience.net">http://www.gisscience.net</a> | <a href="http://www.gisscience.net/VOLUME-8-ISSUE-9-2021/">http://www.gisscience.net/VOLUME-8-ISSUE-9-2021/</a> | UGC | <a href="https://www.researchgate.net/publication/362539921_THE_ADVANCE_TECHNIQUES_USED_IN_CYBER_SECURITY_FOR_PHISHING_DETECTION">https://www.researchgate.net/publication/362539921_THE_ADVANCE_TECHNIQUES_USED_IN_CYBER_SECURITY_FOR_PHISHING_DETECTION</a> |
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| 10. | 2021-22 | Parinita J Chate | A Review Paper on Human Computer Interaction & It's Applications in Various Fields | GIS SCIENCE JOURNAL | 1869-9391 | VOLUME 8, ISSUE 12, 2021 | <a href="http://www.gisscience.net">http://www.gisscience.net</a> | - | UGC | <a href="https://www.researchgate.net/publication/362539928_A_Review_Paper_on_Human_Computer_Interaction_Its_Applications_in_Various_Fields">https://www.researchgate.net/publication/362539928_A_Review_Paper_on_Human_Computer_Interaction_Its_Applications_in_Various_Fields</a> |
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| 11. | 2021-22 | Parinita J Chate | A Review Paper on Introduction to Virtual Reality and Augmented Reality and its Applications | GIS SCIENCE JOURNAL                                | 1869-9391 | VOLUME 8, ISSUE 12, | <a href="http://www.gisscience.net">http://www.gisscience.net</a> | -   | UGC | <a href="https://www.researchgate.net/publication/362540050_A_Review_Paper_on_Introduction_to_Virtual_Reality_and_Augmented_Reality_and_its_Applications">https://www.researchgate.net/publication/362540050_A_Review_Paper_on_Introduction_to_Virtual_Reality_and_Augmented_Reality_and_its_Applications</a> |
| 12. | 2021-22 | Parinita J Chate | GEOGRAPHIC INFORMATION SYSTEM ROLE AND   | International Research Journal of Modernization in | 2582-5208 | Volume:04/Issue:05  | <a href="https://www.irjmet.com">https://www.irjmet.com</a>       | <a href="https://www.irjmet.com/uploaded/files/paper/issue_5_may_2022/2233">https://www.irjmet.com/uploaded/files/paper/issue_5_may_2022/2233</a> | UGC | <a href="https://www.researchgate.net/publication/36253991">https://www.researchgate.net/publication/36253991</a>   |



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|     |         |                  | APPLICATION IN ENVIRONMENT MONITORING   | Engineering Technology and Science                                   |                     |                     |   | <a href="#">4/final/fin_i_rimets1651990023.pdf</a>  |     | 2_GEOGRAPHIC_INFORMATION_SYSTEM_ROLE_AND_APPLICATION_IN_ENVIRONMENT_MONITORING  |
| 13. | 2021-22 | Parinita J Chate | Cross Platform Digital Current Weather Indicating System                            | GIS Science Journal  | 8, Issue 6, 720,6.1 | 8, Issue 6, 720,6.1 | -   | <a href="https://drive.google.com/file/d/1ekdVVnbtJs60Cr-YyLxDxNXz5-mbZ9V/viiew">https://drive.google.com/file/d/1ekdVVnbtJs60Cr-YyLxDxNXz5-mbZ9V/viiew</a> | UGC | <a href="https://www.researchgate.net/publication/362538623_Cross_Platform_Digital_Current_Weather_Indicating_System_-_Implementation_and_Features">https://www.researchgate.net/publication/362538623_Cross_Platform_Digital_Current_Weather_Indicating_System_-_Implementation_and_Features</a> |
| 14. | 2021-22 | Parinita J Chate | Understanding the Desktop based Cross Platform Software for Digital Current Weather | International Journal for Scientific Research & Development  (IJSRD) | 9, Issue 3, 473     | 9, Issue 3, 473     | <a href="http://ijsrd.com">http://ijsrd.com</a> | <a href="http://ijsrd.com/Article.php?manualscript=IJSRDV9I30314">http://ijsrd.com/Article.php?manualscript=IJSRDV9I30314</a>                               | UGC | <a href="https://www.researchgate.net/publication/380889917_Understanding_th">https://www.researchgate.net/publication/380889917_Understanding_th</a>   |

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| 15. | 2021-22 | Parinita J Chate | COVID-19 Future Forecasting Using Machine learning               | GIS Science Journal | 1869-9391 | 8, Issue 6,1242, 6.1 | <a href="https://gi.ssciencenet/">https://gi.ssciencenet/</a> | <a href="https://drive.google.com/file/d/1ZsbGZdUEFfV29jVD16uyfiXCeiFVgAYD/view">https://drive.google.com/file/d/1ZsbGZdUEFfV29jVD16uyfiXCeiFVgAYD/view</a> | UGC | <a href="https://www.researchgate.net/publication/362539870_COVID-19_Future_Forecasting_Using_Machine_Learning">https://www.researchgate.net/publication/362539870_COVID-19_Future_Forecasting_Using_Machine_Learning</a> |
| 16. | 2019-20 | Parinita J Chate | Detecting Fake Followers in Twitter: A Machine Learning Approach | IJAEMA              | 0886-9367 |                      | <a href="http://ijaema.com">http://ijaema.com</a>             | <a href="http://ijaema.com/gallery/7-august-2162.pdf">http://ijaema.com/gallery/7-august-2162.pdf</a>   | UGC | <a href="https://www.researchgate.net/publication/362538359_Detecting_Fake_Followers_in_Twitter_A_Machin">https://www.researchgate.net/publication/362538359_Detecting_Fake_Followers_in_Twitter_A_Machin</a>             |

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| 17. | 2019-20 | Parinita J Chate | A VERY BRIEF INTRODUCTION TO MACHINE LEARNING & DEEP LEARNING    | IJSREM | 2582-3930 | Volume : 04<br>Issue: 05 | <a href="https://ijsrem.com/">https://ijsrem.com/</a>     | -   | UGC | <a href="https://www.researchgate.net/publication/345660729_A_VER_Y_BRIEF_INTRODU CTION_ TO_MAC HINE_LE ARNING_ DEEP_LE ARNING">https://www.researchgate.net/publication/345660729_A_VER_Y_BRIEF_INTRODU CTION_ TO_MAC HINE_LE ARNING_ DEEP_LE ARNING</a> |
| 18. | 2019-20 | Parinita J Chate | A Review of Data science Technology & Applications               | IJSDR  | 2455-2631 |                          | <a href="https://www.ijsdr.org">https://www.ijsdr.org</a> | <a href="https://www.ijsdr.org/viewpaperfor_all.php?paper=IJSDR2005035">https://www.ijsdr.org/viewpaperfor_all.php?paper=IJSDR2005035</a> | UGC | <a href="https://www.researchgate.net/publication/362538477_A_Review_of_Data_science_Technology_Applications">https://www.researchgate.net/publication/362538477_A_Review_of_Data_science_Technology_Applications</a>                                     |
| 19. | 2018-19 | Parinita J Chate | The Use Of Machine Learning Algorithms In Recommender Systems: A | IJRAR  | 2348-1269 |                          | <a href="http://www.ijrar.org">http://www.ijrar.org</a>   | <a href="http://www.ijrar.org/viewfull.php?&amp;p_id=IJRAR19K2241">http://www.ijrar.org/viewfull.php?&amp;p_id=IJRAR19K2241</a>           | UGC | <a href="https://www.researchgate.net/publication/362538248_THE_U">https://www.researchgate.net/publication/362538248_THE_U</a>   |

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|     |         |                  | Systematic Review  |       |           |  |   |   |     | SE_OF_MACHINE_LEARNING_ALGORITHMS_IN_RECOMMENDER_SYSTEMS_AUTOMATIC_REVIEW   |
| 20. | 2017-18 | Parinita J Chate | TV show Popularity Prediction using Sentiment Analysis in Social Network | IRJET | 2395-0056 |  | <a href="https://www.irjet.net">https://www.irjet.net</a> | <a href="https://www.irjet.net/archives/V4/i11/IRJET-111193.pdf">https://www.irjet.net/archives/V4/i11/IRJET-111193.pdf</a> | UGC | <a href="https://www.researchgate.net/publication/362537812_TV_Show_Popularity_Prediction_using_Sentiment_Analysis_in_Social_Network">https://www.researchgate.net/publication/362537812_TV_Show_Popularity_Prediction_using_Sentiment_Analysis_in_Social_Network</a> |
| 21. | 2017-18 | Parinita J Chate | The location based application providing customers with best offers.     | IRJET | 2395-0056 |  | <a href="https://www.irjet.net">https://www.irjet.net</a> | <a href="https://www.irjet.net/archives/V4/i12/IRJET-111275.pdf">https://www.irjet.net/archives/V4/i12/IRJET-111275.pdf</a> | UGC | <a href="https://www.researchgate.net/publication/336473789_The_location_based_application_provid">https://www.researchgate.net/publication/336473789_The_location_based_application_provid</a>   |

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|     |         |                  |   |         |           |  |   |   |     | ing_customers_with_best_offers  |
| 22. | 2016-17 | Parinita J Chate | Research and survey of data mining techniques in educational system | IJECS   | 2319-7242 |  | <a href="https://www.ijecs.in">https://www.ijecs.in</a>     | <a href="https://www.ijecs.in/index.php/ijecs/article/download/3046/2823/">https://www.ijecs.in/index.php/ijecs/article/download/3046/2823/</a> | UGC | <a href="https://www.researchgate.net/publication/361331078_Research_Survey_of_Data_Mining_Techniques_In_Educational_System">https://www.researchgate.net/publication/361331078_Research_Survey_of_Data_Mining_Techniques_In_Educational_System</a> |
| 23. | 2016-17 | Parinita J Chate | A Digital Location based File Locker using Android Application      | IJIRCCE | 2320-9801 |  | <a href="http://www.ijircce.com">http://www.ijircce.com</a> | <a href="http://www.ijircce.com/upload/2017/april/227_A%20Digital.pdf">http://www.ijircce.com/upload/2017/april/227_A%20Digital.pdf</a>         | UGC | <a href="https://www.researchgate.net/publication/362537990_A_Digital_Location_Based_File_Locker_using_Android_Application">https://www.researchgate.net/publication/362537990_A_Digital_Location_Based_File_Locker_using_Android_Application</a>   |
| 24. | 2016-17 | Parinita J Chate | Prediction of stock market using Neural network for                 | IJIRCCE | 2320-9801 |  | <a href="http://www.ijircce.com">http://www.ijircce.com</a> | <a href="http://www.ijircce.com/upload/2017/may/274-">http://www.ijircce.com/upload/2017/may/274-</a>   | UGC | <a href="https://www.researchgate.net/publication/">https://www.researchgate.net/publication/</a>   |

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|     |         |                  | Increasing Accuracy   |       |            |     |   | <a href="#">PREDICTION.pdf</a>  |     | 361331455_Prediction_of_Stock_Market_using_Neural_Network_for_Increasing_Accuracy   |
| 25. | 2016-17 | Parinita J Chate | Research and survey of data mining techniques in educational system | IJECS | 2319-7242  |     | <a href="https://www.ijecs.in">https://www.ijecs.in</a>   | <a href="https://www.ijecs.in/index.php/ijecs/article/download/3046/2823/">https://www.ijecs.in/index.php/ijecs/article/download/3046/2823/</a> | UGC | <a href="https://www.researchgate.net/publication/361331078_Research_Survey_of_Data_Mining_Techniques_In_Educational_System">https://www.researchgate.net/publication/361331078_Research_Survey_of_Data_Mining_Techniques_In_Educational_System</a> |
| 26. | 2016-17 | Parinita J Chate | Face Analysis for Improvised System Security using LASER Focus      | IRJET | 2395 -0056 | 3,4 | <a href="https://www.irjet.net">https://www.irjet.net</a> | <a href="https://www.irjet.net/archives/V3/i4/IRJET-V3I4592.pdf">https://www.irjet.net/archives/V3/i4/IRJET-V3I4592.pdf</a>                     | UGC | <a href="https://www.researchgate.net/publication/380889598_Face_Analysis_for_Improvised_System_Security_using_LASER_Fo">https://www.researchgate.net/publication/380889598_Face_Analysis_for_Improvised_System_Security_using_LASER_Fo</a>         |

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| 27. | 2016-17   | Parinita J Chate | Wireless Charging And Data Collection In Sensor Network     | IRJET   | 2395 -0056 | 3,4  | <a href="https://www.irjet.net">https://www.irjet.net</a>   | <a href="https://www.irjet.net/archives/V3/I4/IRJET-V3I4411.pdf">https://www.irjet.net/archives/V3/I4/IRJET-V3I4411.pdf</a>   | UGC | <a href="https://www.researchgate.net/publication/380889850_Wireless_Charging_And_Data_Collection_In_Sensor_Network">https://www.researchgate.net/publication/380889850_Wireless_Charging_And_Data_Collection_In_Sensor_Network</a> |
| 28. | 2016-17   | Parinita J Chate | Stock market prediction and analysis using naïve bayes      | IJRITCC | 2321-8169  |      | <a href="https://ijritcc.org">https://ijritcc.org</a>       | <a href="https://ijritcc.org/index.php/ijritcc/article/view/2614">https://ijritcc.org/index.php/ijritcc/article/view/2614</a> | UGC | <a href="https://www.researchgate.net/publication/361329108_Stock_Market_Prediction_and_Analysis_Using_Naive_Bayes">https://www.researchgate.net/publication/361329108_Stock_Market_Prediction_and_Analysis_Using_Naive_Bayes</a>   |
| 29. | 2016-17   | Parinita J Chate | Cloud with Telecommunication                                | IJSRSET | 2395-1990  | 3,10 | <a href="http://ijsrset.com">http://ijsrset.com</a>         | <a href="http://ijsrset.com/IJSRSET1622306">http://ijsrset.com/IJSRSET1622306</a>   | UGC | -   |
| 30. | 2015-2016 | Parinita J Chate | Big Data Visualization: Challenges and SAS Visual Analytics | IJCSMC  | 2320–088X  | 4,12 | <a href="https://www.ijcsmc.com">https://www.ijcsmc.com</a> | <a href="https://www.ijcsmc.com/docs/papers/Dece">https://www.ijcsmc.com/docs/papers/Dece</a>                                 | UGC | <a href="https://www.researchgate.net/publication/32823265">https://www.researchgate.net/publication/32823265</a>   |



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|  |  |  |  |  |  |  |  | <a href="#"><u>mb</u></a><br><a href="#"><u>er2015/V</u></a><br><a href="#"><u>4I</u></a> |  |  |
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|-----|---------|------------------|--|--------|-----------|------|---|---|-----|---|
|     |         |                  |  |        |           |      |   | <a href="#">12201515.pdf</a>  |     | 2_Big_Data_Visualization_Challenges_and_SAS_Visual_Analytics  |
| 31. | 2015-16 | Parinita J Chate | A Novel based Intrusion Detection System Using Apriori Algorithm                             | JIRCCE | 2320-9801 | 5,12 | <a href="http://www.ijircce.com">http://www.ijircce.com</a> | <a href="http://www.ijircce.com/upload/2016/march/33_A%20November.pdf">http://www.ijircce.com/upload/2016/march/33_A%20November.pdf</a> | UGC | -   |
| 32. | 2015-16 | Parinita J Chate | Panda: Public Auditing for Shared Data Integrity with Efficient User Revocation in the Cloud | IJSRD  | 2321-0613 | 2,11 | <a href="http://www.ijsrd.com">http://www.ijsrd.com</a>     | <a href="http://www.ijsrd.com/articles/IJSRD/V4I10235.pdf">http://www.ijsrd.com/articles/IJSRD/V4I10235.pdf</a>                         | UGC | <a href="https://www.researchgate.net/publication/380760328_Panda_Public_Auditing_for_Shared_Data_Integrity_with_Efficient_User_Revocation_in_the_Cloud">https://www.researchgate.net/publication/380760328_Panda_Public_Auditing_for_Shared_Data_Integrity_with_Efficient_User_Revocation_in_the_Cloud</a> |

2) National Journals

| Sr. | Calendar | Name of the | Title of | Name of | ISSN | Volume | Weblink / | Weblink / | Is it Scopus | Research |
|-----|----------|-------------|----------|---------|------|--------|-----------|-----------|--------------|----------|
|-----|----------|-------------|----------|---------|------|--------|-----------|-----------|--------------|----------|

| No. | Year of Publication | Author(s) | Paper | the Journal |  | & Issue | URL to Journal | URL to Paper | Indexed/UGC-CARE listed /WoS Indexed? | Gate Link of the Article PDF |
|-----|---------------------|-----------|-------|-------------|--|---------|----------------|--------------|---------------------------------------|------------------------------|
|     |                     |           |       |             |  |         |                |              |                                       |                              |
|     |                     |           |       |             |  |         |                |              |                                       |                              |
|     |                     |           |       |             |  |         |                |              |                                       |                              |

### 3) International Conference Proceedings

| Sr. No. | Calendar Year of Publication | Name of the Author(s) | Title of Paper / Proceedings  | Name of the Conference  | ISBN of the Proceedings  | Weblink / URL to Conference Proceedings / Paper (if any)  |
|---------|------------------------------|-----------------------|---|---|--|---|
| 1       | 2023-24                      | Parinita J Chate      | Internet of Things (IoT) Assisted Smart Agriculture Monitoring and Summarization System using NodeMCU and Efficient Sensor Unit | IEEE International Conference on Smart Structures and Systems (ICSSS) | Electronic ISBN:979-8-3503-8420-8<br>Print on Demand(PoD) ISBN:979-8-3503-8421-5 | <a href="https://ieeexplore.ieee.org/document/10408069">https://ieeexplore.ieee.org/document/10408069</a> |

### 4) National Conference Proceedings

| Sr. No. | Calendar Year of Publication | Name of the Author(s) | Title of Paper / Proceedings | Name of the Conference | ISBN of the Proceedings | Weblink / URL to Conference Proceedings / Paper (if any) |
|---------|------------------------------|-----------------------|------------------------------|------------------------|-------------------------|--|
|         |                              |                       |                              |                        |                         |  |
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5) Books Published

| Sr. No. | Calendar Year of Publication | Name of the Author(s) | Name of the Book | Publisher | Level (University/National/International/Others) | ISBN of the book |
|---------|------------------------------|-----------------------|------------------|-----------|--|------------------|
|         |                              |                       |                  |           |  |                  |
|         |                              |                       |                  |           |  |                  |
|         |                              |                       |                  |           |  |                  |

6) Patents

| Sr. No. | Patent Application No. | Status of Patent (Published / Granted) | Inventor/s Name  | Title of the Patent                                   | Applicant/s Name      | Patent Filed Date (DD/MM/YYYY) | Patent Published Date / Granted Date (DD/MM/YYYY) | Patent Publication Number / Patent Granted Number | Assignee/s Name (Institute Affiliation/s at time of Application) | Here, attach Source Proof Screenshots /URL/ Website Links, etc.   |
|---------|------------------------|--|--|---|-----------------------|--------------------------------|---|---|--|---|
| 1       | 202121035176           | Published                              | Bharati Vidyapeeth's College of Engineering, Lavale,<br>Rajendrakumar Narayan Patil,<br>Jyoti Atul Dhanke, Patil<br>Sunilkumar Rajaram,<br>Dr. Sonali Kadam, | Mobile phone battery charge with integrated interface | MRS. Parinita J.Chate | 22/06/2022                     | 15/07/2022  | -   | Bharati Vidyapeeth's College of Engineering, Lavale, Pune        | <a href="https://outlook.office.com/hotmail/377c982d-9686-450e-9a7c-22aeaf1bc162/7211f19f-262a-42eb-a02e-289956491741">https://outlook.office.com/hotmail/377c982d-9686-450e-9a7c-22aeaf1bc162/7211f19f-262a-42eb-a02e-289956491741</a> |

|   |              |           |   |   |                        |          |            |   |   |   |
|---|--------------|-----------|---|---|------------------------|----------|------------|---|---|---|
|   |              |           | Mr. Yogesh Vasant Kadam, Swapnil Chandrakant Mane, Mr. Prashant Shivaji Kadam, Atish Mane, Nilesh Narendra Raut, Prajanta Dagadu Pawar, Parinita Jagannath Rao Chate, Saubhab Babasaheb Gaikwad |   |                        |          |            |   |   |   |
| 2 | 202221050471 | Published | Bharati Vidyapeeth's College of Engineering Lavale, Dr. Rajendrakumar Narayan Patil, Dr. Jyoti Atul Dhanke, Nilesh Raut, Parinita   | Mathematical Modeling for Design and Development of Smart Street Light System with Air Purifier | MRS. Parinita J. Chate | 4/9/2022 | 23/09/2022 | - | Bharati Vidyapeeth's College of Engineering, Lavale, Pune | <a href="https://outlook.office.com/hot/377c982d-9686-450e-9a7c-22aeaf1bc162/7211f19f-262a-42eb-a02e-289956491741">https://outlook.office.com/hot/377c982d-9686-450e-9a7c-22aeaf1bc162/7211f19f-262a-42eb-a02e-289956491741</a> |

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|  |  |  | Jagannath<br>ao Chate,<br>Prashant<br>Shivaji<br>Kadam<br>Shankar<br>Nivas<br>Kadam<br>Ajit<br>Rajaram<br>Patil<br>Amruta<br>Pasarkar<br>Nilesh<br>Singh<br><br>PRANAJ<br>ALI<br>PRASHA<br>NT JOSHI<br>Pramod<br>Rahate<br>Avinash<br>Ingole<br><br>Chandraha<br>s Sawant<br>Vaibhav<br>Baravkar<br>Sanket<br>Bhatkulka<br>r<br>Prashant<br>Chavan |  |  |  |  |  |  |  |
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|---|--------------------|-----------|--|---|-----------------------------|------------|------------|---|---|---|
| 3 | 20212101017<br>9 A | Published | Dhanke<br>Jyoti<br>Atul,Kum<br>kum<br>Bala,Parin<br>ita<br>Chate,Lee<br>na<br>Chaudhari<br>,Swati<br>Gawale,L.<br>K.Wani | 100%<br>Data<br>Security<br>(Auto<br>Data<br>Store<br>Your G-<br>Mail And<br>Link<br>Share<br>Reg.<br>Mobile<br>Number)<br>Using Ai<br>Based<br>Program<br>ming | MRS.<br>Parinita<br>J.Chate | 11/03/2021 | 26/03/2021 | - | Bharati<br>Vidyapeeth's<br>College of<br>Engineering,<br>Lavale, Pune | <a href="https://outlook.office.com/host/377c982d-9686-450e-9a7c-22aeaf1bc162/7211f19f-262a-42eb-a02e-289956491741">https://outlook.office.com/host/377c982d-9686-450e-9a7c-22aeaf1bc162/7211f19f-262a-42eb-a02e-289956491741</a> |
| 4 | 20212101017<br>9 A | Published | Dhanke<br>Jyoti<br>Atul,Kum<br>kum<br>Bala,Parin<br>ita<br>Chate,Lee<br>na<br>Chaudhari<br>,Swati<br>Gawale,L.<br>K.Wani | 100%<br>Data<br>Security<br>(Auto<br>Data<br>Store<br>Your G-<br>Mail And<br>Link<br>Share<br>Reg.<br>Mobile<br>Number)<br>Using Ai<br>Based<br>Program<br>ming | MRS.<br>Parinita<br>J.Chate | 11/03/2021 | 26/03/2021 | - | Bharati<br>Vidyapeeth's<br>College of<br>Engineering,<br>Lavale, Pune | <a href="https://outlook.office.com/host/377c982d-9686-450e-9a7c-22aeaf1bc162/7211f19f-262a-42eb-a02e-289956491741">https://outlook.office.com/host/377c982d-9686-450e-9a7c-22aeaf1bc162/7211f19f-262a-42eb-a02e-289956491741</a> |

|   |              |           |  |  |                             |           |            |   |   |   |
|---|--------------|-----------|--|--|-----------------------------|-----------|------------|---|---|---|
| 5 | 202021018428 | Published | Mr..<br>U.C.Patkar,<br>Shravani<br>Tonge<br>,Huzaif<br>Umarsharif<br>Mujawar,<br>Shaheen<br>Mulla,<br>Gauri<br>Kolekar,<br>Mr..<br>U.S.Patil,<br>Mr..<br>Parinita<br>J.,Chate,<br>Mr..<br>,Shubham<br>Songire<br>,Prajakta<br>Pawar,<br>Bh<br>usaheb.<br>S.S<br>alunke<br>(BE -<br>Civil),<br>Shu<br>bham<br>Songire | IWC -<br>Cooker :<br>Intelligent<br>Cooker<br>Whistle<br>Counter | MRS.<br>Parinita<br>J.Chate | 30/4/2020 | 12/06/2020 | - | Bharati<br>Vidyapeeth's<br>College of<br>Engineering,<br>Lavale, Pune | <a href="https://outlook.office.com/host/377c982d-9686-450e-9a7c-22aeaf1bc162/7211f19f-262a-42eb-a02e-289956491741">https://outlook.office.com/host/377c982d-9686-450e-9a7c-22aeaf1bc162/7211f19f-262a-42eb-a02e-289956491741</a> |
| 6 | 202021019020 | Published | Dr.R.N.Patil,<br>Mr..<br>U.C.Patkar,<br>Mr..<br>U.S.Patil,<br>Mr. Roma<br>Kudale<br>(SKNCOE<br>,Mrs.<br>Parinita<br>J<br>Chate,<br>Bh<br>usaheb.<br>S.S<br>alunke  | 3D -<br>Cloth<br>Analysis  | MRS.<br>Parinita<br>J.Chate | 5/5/2020  | 12/06/2020 | - | Bharati<br>Vidyapeeth's<br>College of<br>Engineering,<br>Lavale, Pune | <a href="https://outlook.office.com/host/377c982d-9686-450e-9a7c-22aeaf1bc162/7211f19f-262a-42eb-a02e-289956491741">https://outlook.office.com/host/377c982d-9686-450e-9a7c-22aeaf1bc162/7211f19f-262a-42eb-a02e-289956491741</a> |



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|---|--------------|-----------|---|--|------------------------|------------|------------|---|---|---|
|   |              |           | (BE - Civil), Shubham, Dishant, K. Radke, Songire, Shrivani, Tonge, Huzaif, Umarsharif, Mujawar |  |                        |            |            |   |   |   |
| 7 | 201941045162 | Published | MRS. Parinita J. Chate  | Fml-System: Forecasting System (Electric Delivery Vehicles) Using Advanced Machine Learning. | MRS. Parinita J. Chate | 06/11/2019 | 29/11/2019 | - | Bharati Vidyapeeth's College of Engineering, Lavale, Pune | <a href="https://outlook.office.com/hot/377c982d-9686-450e-9a7c-22aeaf1bc162/7211f19f-262a-42eb-a02e-289956491741">https://outlook.office.com/hot/377c982d-9686-450e-9a7c-22aeaf1bc162/7211f19f-262a-42eb-a02e-289956491741</a> |

## Research Publications, Books Published and Patents

### 1) International Journals

| SR. No. | Year of Publication | Name of the Author(s)  | Title of Paper  | Name of the Journal | ISSN           | Volume & Issue     | Weblink / URL to Journal                                    | Weblink / URL to Paper  | Is it Scopus Indexed/UGC-CARE listed /WoS Indexed? | Research Gate Link of the Article PDF   |
|---------|---------------------|--|---|---------------------|----------------|--------------------|---|---|--|---|
| 1.      | June 2023           | Siddharth Kanade, Avinash Ingole, Aastha Dwivedi, Siddhi Soni, Manthan Deshmukh        | <a href="#">Blockchain Based Land Registry System</a>   | <i>IJARIE</i>       | 2395-4433-9966 | Vol-9 Issue-3      | <a href="https://ijariee.com">https://ijariee.com</a>       | <a href="https://ijariee.com/AdminUploadPdf/Blockchain_Based_Land_Registry_System_ijariee20676.pdf">https://ijariee.com/AdminUploadPdf/Blockchain_Based_Land_Registry_System_ijariee20676.pdf</a> | No   | <a href="https://www.researchgate.net/publication/371540603_Blockchain_Based_Land_Registry_System">https://www.researchgate.net/publication/371540603_Blockchain_Based_Land_Registry_System</a> |
| 2.      | June 2023           | Prof.Avinash Ingole, Niyati Wagh, Shrishti Nandanwar, Ruchita Bharsakale, Janhavi Raut | Literature Review On Identification Of Fraudulent Credit Card Fraud Detection Using Deep Learning | IJCRT               | 2320-2882      | Volume 11, Issue 5 | <a href="https://www.ijcrt.org/">https://www.ijcrt.org/</a> | <a href="http://www.ijcrt.org/papers/IJCRT23A5164">http://www.ijcrt.org/papers/IJCRT23A5164</a>   | No   | <a href="https://www.researchgate.net/publication/371540760_Literature_Review_On_Identi">https://www.researchgate.net/publication/371540760_Literature_Review_On_Identi</a>                     |

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|    |              |  |  |  |                            |                              |   |   |     | fication<br>_Of_Fr<br>audulen<br>t_Credit<br>_Card_<br>Fraud_<br>Detecti<br>on_Usi<br>ng_Dee<br>p_Lear<br>ning  |
| 3. | May<br>2023  | Sanket S.<br>Pawar,<br>Avinash M.<br>Ingle,<br>Pratima M.<br>Kadam,<br>Yogesh V.<br>Kadam,<br>Pradeep<br>P.Atre, Jyoti<br>A. Dhanke, | Power<br>Transmiss<br>ion<br>Performan<br>ce<br>Optimizati<br>on:<br>Intelligent<br>Approach<br>Needed | European<br>Chemical Bulletin  |                            | 2023,12(Spe<br>cial issue 4) | <a href="https://www.eurchembull.com/">https://www.eurchembull.com/</a> |   | Yes | <a href="https://www.researchgate.net/publication/371461833_Power_Transmission_Performance_Optimization_Intelligent_Approach_Needed">https://www.researchgate.net/publication/371461833_Power_Transmission_Performance_Optimization_Intelligent_Approach_Needed</a> |
| 4. | July<br>2022 | SystemHritik<br>a Srivastava,<br>Nikita<br>Jamadar,<br>Sankalp<br>Poinwar,<br>Praful Katar,  | Review on<br>Internet of<br>Things<br>(IOT) based<br>Weather<br>Monitoring                             | IJSRD - International<br>Journal for Scientific<br>Research &<br>Development | 2<br>3<br>2<br>1<br>-<br>0 | 10, Issue 4,<br>202          | <a href="https://www.ijsrd.com/">https://www.ijsrd.com/</a>             | <a href="https://www.ijsrd.com/articles/IJSRDV10">https://www.ijsrd.com/articles/IJSRDV10</a> | No  | <a href="https://www.researchgate.net/publication/362530653">https://www.researchgate.net/publication/362530653</a>   |

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|----|----------|--|---|--|---|-------------------------|---|---|----|---|
|    |          | Prof. Avinash Ingole   | System  |  | 6<br>1<br>3                               |                         |   | I4007.pdf   |    | _Review_on_Internet_of_Things_IOT_based_Weather_Monitoring_System   |
| 5. | May 2017 | Ankita Kadambande, Snehal Thakur, Akshata Mohol, Prof A.M.Ingole | Predict Student Performance by Utilizing Data Mining Technique and Support Vector Machine | International Research Journal of Engineering and Technology (IRJET) | 2<br>3<br>9<br>5<br>-<br>0<br>0<br>5<br>6 | Volume: 04<br>Issue: 05 | <a href="https://www.irjet.net/">https://www.irjet.net/</a>         | <a href="https://www.irjet.net/archives/V4/i5/IRJET-V4I5708.pdf">https://www.irjet.net/archives/V4/i5/IRJET-V4I5708.pdf</a> | No | <a href="https://www.researchgate.net/publication/362529776_Predict_Student_Performance_by_Utilizing_Data_Mining_Technique_and_Support_Vector_Machine">https://www.researchgate.net/publication/362529776_Predict_Student_Performance_by_Utilizing_Data_Mining_Technique_and_Support_Vector_Machine</a> |
| 6. | May 2017 | Avinash Murlidhar Ingole,  | Software Recommendation Using Frequent  | INTERNATIONAL JOURNAL OF CURRENT RESEARCH                            | 0<br>9<br>7<br>5                          | Vol. 9,<br>Issue, 05    | <a href="https://www.journalcra.com">https://www.journalcra.com</a> | <a href="https://www.journalcra.co">https://www.journalcra.co</a>   | No | <a href="https://www.researchgate.net/publication">https://www.researchgate.net/publication</a>   |

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|----|------------|---|---|--|-----------|----------------------|---|---|----|---|
|    |            |   | Pattern Growth Algorithm And Web Usage Mining                     |  | - 833X    |                      |   | <a href="https://www.irjet.net/site/default/files/issue-pdf/23216.pdf">m/site/default/files/issue-pdf/23216.pdf</a>             |    | ion/362529930_SOFTWARE_RECOMMENDATION_USING_FREQUENT_PATTERN_GROWTH_ALGORITHM_AND_WEB   |
| 7. | Oct 2017   | Pranali More, Ulhas Patil, Prof. Avinash Ingole | A Survey on Accident Detection, Tracking and Recovery of Vehicles | International Research Journal of Engineering and Technology (IRJET) | 2395-0056 | Volume: 04 Issue: 10 | <a href="https://www.irjet.net/">https://www.irjet.net/</a> | <a href="https://www.irjet.net/archives/V4/i10/IRJET-V4I10352.pdf">https://www.irjet.net/archives/V4/i10/IRJET-V4I10352.pdf</a> | No | <a href="https://www.researchgate.net/publication/362530121_Cloud_Data_Security_using_DNA_Cryptography_Techniques">https://www.researchgate.net/publication/362530121_Cloud_Data_Security_using_DNA_Cryptography_Techniques</a> |
| 8. | April 2016 | Bhavana Samel, Shubhrata Mahajan,               | GPU computing and its Applicatio                                  | International Research Journal of Engineering and                    | 2399      | Volume: 03 Issue: 04 | <a href="https://www.irjet.net">https://www.irjet.net</a>   | <a href="https://www.irjet.net">https://www.irjet.net</a>   | No | <a href="https://www.researchgate.net/">https://www.researchgate.net/</a>   |

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|----|------------|---|------------------------------|--|---|-------------------------|---|---|----|---|
|    |            | Prof.A.M.Ingole   | n                            | Technology (IRJET)   | 5<br>-<br>0<br>0<br>5<br>6                |                         |   | <a href="https://www.irjet.net/archives/V3/i4/IRJET-V3I4357.pdf">t/archives/V3/i4/IRJET-V3I4357.pdf</a>                     |    | publication/362529735_GPU_Computing_and_Its_Applications  |
| 9. | Apr-16     | Pranit R. Thite, Ganesh Suryawanshi, Prof.A.M.Ingole  | Phishing                     | International Research Journal of Engineering and Technology (IRJET) | 2<br>3<br>9<br>5<br>-<br>0<br>0<br>5<br>6 | Volume: 03<br>Issue: 04 | <a href="https://www.irjet.net">https://www.irjet.net</a>     | <a href="https://www.irjet.net/archives/V3/i4/IRJET-V3I4564.pdf">https://www.irjet.net/archives/V3/i4/IRJET-V3I4564.pdf</a> | No | <a href="https://www.researchgate.net/publication/362529677_PHISHING">https://www.researchgate.net/publication/362529677_PHISHING</a>                                       |
| 10 | April 2016 | Prof. Avinash Ingole, Nikita Laxman Chandrapatle, Vaishnavi Chandrakant Kohinkar, Harshada Dattatray Bandal | Austere Work Tracker System  | International Journal for Scientific Research & Development          | 2<br>3<br>2<br>1<br>-<br>0<br>6<br>1<br>3 | Vol. 7, Issue 11        | <a href="https://www.ijserd.com/">https://www.ijserd.com/</a> | <a href="https://www.ijserd.com/articles/IJ_SRDV_71110_130.pdf">https://www.ijserd.com/articles/IJ_SRDV_71110_130.pdf</a>   | No | <a href="https://www.researchgate.net/publication/362530209_Austere_Work_Tracker_System">https://www.researchgate.net/publication/362530209_Austere_Work_Tracker_System</a> |
| 11 | May 2016   | Prof. Avinash Ingole, Salaskar Onkar,   | Better Authentication method | Global Research and Development Journal for Engineering              | 2<br>4<br>5<br>5                          | Volume 1, Issue 6       | <a href="https://grdjournal.com/">https://grdjournal.com/</a> | <a href="https://grdjournal.com/">https://grdjournal.com/</a>   | No | <a href="https://www.researchgate.net/">https://www.researchgate.net/</a>   |

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|----|----------|---|---|--|-----------|----------------------|---|---|----|---|
|    |          | Saurabh S. Patil  | for mobile computing                                  |  | -5703     |                      |   | uploads/article/GRDJE/V01/I06/0021/GRDJEV01I060021.pdf  |    | publication/362529767_Better_Authentication_Methods_for_Mobile_Computing  |
| 12 | Nov 2016 | Pranit R.Thite, Ganesh M.Suryawanshi, Rajesh Mengale, Prof . A.M.Ingole     | Data Search In Cloud Using The Encrypted Keywords     | International Research Journal of Engineering and Technology (IRJET)                   | 2395-0056 | Volume: 04 Issue: 11 | <a href="https://www.irjet.net">https://www.irjet.net</a> | <a href="https://www.irjet.net/archives/V4/i11/IRJET-V4I11129.pdf">https://www.irjet.net/archives/V4/i11/IRJET-V4I11129.pdf</a>     | No | <a href="https://www.irjet.net/archives/V4/i11/IRJET-V4I11129.pdf">https://www.irjet.net/archives/V4/i11/IRJET-V4I11129.pdf</a>   |
| 13 | Nov 2016 | Vijay Prakash Tiwari, Akshay Bapusaheb Patil, Prof Avinash Murlidhar Ingole | Cloud Data Security using DNA Cryptography Techniques | International Journal of Innovative Research in Computer and Communication Engineering | 2320-9801 | Vol. 4, Issue 11     | <a href="http://www.ijrcce.com">http://www.ijrcce.com</a> | <a href="http://www.ijrcce.com/upload/2016/november/57_11_Cloud.pdf">http://www.ijrcce.com/upload/2016/november/57_11_Cloud.pdf</a> | No | <a href="https://www.researchgate.net/publication/362530121_Cloud_Data_Security_using_DNA_Cryptography_Technique">https://www.researchgate.net/publication/362530121_Cloud_Data_Security_using_DNA_Cryptography_Technique</a> |

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|----|-----------|--|--|---|---|-----------------------|---|---|----|---|
|    |           |  |  |   |   |                       |   |   |    | es  |
| 14 | Dec 2016  | Vikas Tiwari ,<br>Dhruvesh Chudasama ,<br>Prof. Avinash Ingole | Model Survey on Web Usage Mining and Web Log Mining                        | International Journal for Research in Applied Science & Engineering Technology (IJRASET)      | 2<br>3<br>2<br>1<br>-<br>9<br>6<br>5<br>3 | Volume 4<br>Issue XII | <a href="https://www.ijra set.com">https://www.ijra set.com</a>                                     | <a href="https://www.ijra set.com/fileserv e.php?FID=5884">https://www.ijra set.com/fileserv e.php?FID=5884</a>   | No | <a href="https://www.re searchgate.net/publicat ion/362529784_Model_Surve y_on_Web_U sage_M ining_a nd_We b_Log_ Mining">https://www.re searchgate.net/publicat ion/362529784_Model_Surve y_on_Web_U sage_M ining_a nd_We b_Log_ Mining</a>   |
| 15 | June 2013 | Avinash Ingole, Dr. R.C. Thool                                 | Credit Card fraud detection using hidden markov model and its performance. | Interna tional Journal of Advanc ed Resear ch in Compu ter Science and Softwa re Engine ering | 2<br>2<br>7<br>7<br>-<br>1<br>2<br>8<br>X | Volume 3,<br>Issue 6  | <a href="https://www.ijar cs.info/index.ph p/ljarcs">https://www.ijar cs.info/index.ph p/ljarcs</a> | <a href="http://i jarcsse .com/B efore_August_2017/docs/p apers/Volum e_3/6_June20 13/V3I 6-0295.p df">http://i jarcsse .com/B efore_August_2017/docs/p apers/Volum e_3/6_June20 13/V3I 6-0295.p df</a> | No | <a href="https://www.re searchgate.net/publicat ion/362517777_Credit _Card_ Fraud_ Detecti on_Usi ng_Hid den_M arkov_ Model_ and_Its _Perfor mance">https://www.re searchgate.net/publicat ion/362517777_Credit _Card_ Fraud_ Detecti on_Usi ng_Hid den_M arkov_ Model_ and_Its _Perfor mance</a> |



2) National Journals

| Sr. No. | Calendar Year of Publication | Name of the Author(s) | Title of Paper | Name of the Journal | ISSN | Volume & Issue | Weblink / URL to Journal | Weblink / URL to Paper | Is it Scopus Indexed/UGC-CARE listed /WoS Indexed? | Research Gate Link of the Article PDF |
|---------|------------------------------|-----------------------|----------------|---------------------|------|----------------|--------------------------|------------------------|--|---------------------------------------|
|         | Nil                          | Nil                   | Nil            | Nil                 | Nil  | Nil            | Nil                      | Nil                    | Nil  | Nil                                   |
|         |                              |                       |                |                     |      |                |                          |                        |  |                                       |
|         |                              |                       |                |                     |      |                |                          |                        |  |                                       |

3) International Conference Proceedings

| Sr. No. | Calendar Year of Publication | Name of the Author(s) | Title of Paper / Proceedings | Name of the Conference | ISBN of the Proceedings | Weblink / URL to Conference Proceedings / Paper (if any) |
|---------|------------------------------|-----------------------|------------------------------|------------------------|-------------------------|--|
|         | Nil                          | Nil                   | Nil                          | Nil                    | Nil                     | Nil  |
|         |                              |                       |                              |                        |                         |  |
|         |                              |                       |                              |                        |                         |  |

4) National Conference Proceedings

| Sr. No. | Calendar Year of Publication | Name of the Author(s) | Title of Paper / Proceedings | Name of the Conference | ISBN of the Proceedings | Weblink / URL to Conference Proceedings / Paper (if any) |
|---------|------------------------------|-----------------------|------------------------------|------------------------|-------------------------|--|
|         | Nil                          | Nil                   | Nil                          | Nil                    | Nil                     | Nil  |
|         |                              |                       |                              |                        |                         |  |
|         |                              |                       |                              |                        |                         |  |

5) Books Published

| Sr. No. | Calendar Year of Publication | Name of the Author(s) | Name of the Book | Publisher | Level (University/National/International/Others) | ISBN of the book |
|---------|------------------------------|-----------------------|------------------|-----------|--|------------------|
|         |                              |                       |                  |           |  |                  |
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|  |     |     |     |     |     |     |
|--|-----|-----|-----|-----|-----|-----|
|  | Nil | Nil | Nil | Nil | Nil | Nil |
|  |     |     |     |     |     |     |
|  |     |     |     |     |     |     |

6) Patents

| Sr. No. | Patent Application No. | Status of Patent (Published / Granted) | Inventor/s Name | Title of the Patent   | Applicant/s Name | Patent Filed Date (DD/MM/YYYY) | Patent Published Date / Granted Date (DD/MM/YYYY) | Patent Publication Number / Patent Granted Number | Assignee/s Name (Institute Affiliation/s at time of Application) | Here, attach Source Proof Screenshots /URL/ Website Links, etc.   |
|---------|------------------------|--|-----------------|---|------------------|--------------------------------|---|---|--|---|
| 1       | 202210504<br>71 A      | Published<br>on<br>23/09/2022          |                 | MATH<br>EMATI<br>CAL<br>MODE<br>LING<br>FOR<br>DESIG<br>N AND<br>DEVE<br>LOPM<br>ENT<br>OF<br>SMAR<br>T<br>STREE<br>T<br>LIGHT<br>SYSTE<br>M<br>WITH<br>AIR<br>PURIF<br>IER | BVCOE<br>L ,Pune | 4/09/2022                      | 23/09/2022  | 38/2022   | BVCOEL<br>,Pune  | <a href="https://www.researchgate.net/publication/380724958_Title_of_the_invention_MATHEMATICAL_MODELING_FOR_DESIGN_AND_DEVELOPMENT_OF_SMART_STREET_LIGHT_SYSTEM_WITH_AIR_PURIFIER">https://www.researchgate.net/publication/380724958_Title_of_the_invention_MATHEMATICAL_MODELING_FOR_DESIGN_AND_DEVELOPMENT_OF_SMART_STREET_LIGHT_SYSTEM_WITH_AIR_PURIFIER</a> |



**Prof. Ajit R Patil**

**Research Publications, Books Published and Patents**

1) International Journals

| Sr. No. | Year of Publication | Name of the Author(s)  | Title of Paper  | Name of the Journal  | ISSN            | Volume & Issue | Weblink / URL to Journal  | Weblink / URL to Paper  | Is it Scopus Indexed/ UGC-CARE listed /WoS Indexed? | Research Gate Link of the Article PDF   |
|---------|---------------------|--|---|--|-----------------|----------------|---|---|---|---|
| 1.      | 2024                | Prof.Ajit R. Patil <sup>1</sup> , Prof.Swapnil C. Mane <sup>2</sup> , Prof.Megha A. Patil <sup>3</sup> , Prof.Neeraj A. Gangurde <sup>4</sup> , Prof.Pramod G. Rahate <sup>5</sup> , Prof.Jyoti A. Dhanke <sup>6</sup> | Artificial Intelligence and Machine Learning Techniques for Diabetes Healthcare: A Review | Journal of Chemical Health Risks   | ISSN: 2251-6727 | Vol 14(2)      | <a href="https://www.jchr.org/index.php/JCHR">https://www.jchr.org/index.php/JCHR</a> | <a href="https://www.jchr.org/index.php/JCHR/article/view/3575/2409">https://www.jchr.org/index.php/JCHR/article/view/3575/2409</a> | Scopus  | <a href="https://www.researchgate.net/profile/Ajit-Patil-24/research">https://www.researchgate.net/profile/Ajit-Patil-24/research</a> |
| 2.      | 2024                | Dr. Amolkumar N. Jadhav* <sup>1</sup> , Mr. Sandip B. Chavan <sup>2</sup> ,  | Neurological Disorder Classification using Convolutional Neural Networks                  | International Journal of Intelligent Systems and Applications in Engineering | ISSN: 2147-6799 | Vol 12(19s)    | <a href="http://www.ijisae.org">www.ijisae.org</a>                                    | <a href="https://ijisae.org/index.php/IJISAE/article/view/5093/3801">https://ijisae.org/index.php/IJISAE/article/view/5093/3801</a> | Scopus Index  |   |

|    |      |   |   |  |                |                      |   |   |              |   |
|----|------|---|---|--|----------------|----------------------|---|---|--------------|---|
|    |      | Mr. Ajit R. Patil <sup>3</sup> , Mr. Shrihari D. Khatawkar <sup>4</sup> , Dr. Jagannath E. Nalavade <sup>5</sup>                                  |   |  |                |                      |   |   |              |   |
| 3. | 2023 | Mr. Ajit Patil <sup>1*</sup> , Dr. Sushil Kumar <sup>2</sup>  | A Research on Deep Learning Model for Diabetic Retinopathy Detection                  | Journal of Advances and Scholarly Researches in Allied Education | ISSN 2230-7540 | Vol. 20, Issue No. 1 | <a href="https://ignited.in/">https://ignited.in/</a>                   | <a href="https://ignited.in/jasrae/article/view/12651">https://ignited.in/jasrae/article/view/12651</a> | UGC Care     | <a href="https://www.researchgate.net/profile/Ajit-Patil-24/research">https://www.researchgate.net/profile/Ajit-Patil-24/research</a> |
| 4. | 2023 | Prof.Parinita Chate <sup>1</sup><br>Prof.Ajit Patil <sup>2</sup><br>Prof.Sangram Patil <sup>3</sup>   | Identifying and Resolving Challenges in the IT Hiring Process: A Comprehensive Review | European Chemical Bull.  | 2063-5346      | Vol 12 - 10          | <a href="https://www.eurchembull.com/">https://www.eurchembull.com/</a> | <a href="https://rb.gy/u1yup8">https://rb.gy/u1yup8</a>   | Scopus Index | <a href="https://www.researchgate.net/profile/Ajit-Patil-24/research">https://www.researchgate.net/profile/Ajit-Patil-24/research</a> |
| 5. | 2023 | Prof. Ajit Patil <sup>1</sup> , Dr. Jyoti Dhanke <sup>2</sup> , Aryan Nair <sup>3</sup> , Alan Panicker <sup>4</sup> , Suraj Thube <sup>5</sup> , | Literature Survey on Brain tumor and Alzheimer detection in MRI's                     | European Chemical Bull.  | 2063-5346      | Vol 12 (Si6)         | <a href="https://www.eurchembull.com/">https://www.eurchembull.com/</a> | <a href="https://rb.gy/i321wd">https://rb.gy/i321wd</a>   | Scopus Index | <a href="https://www.researchgate.net/profile/Ajit-Patil-24/research">https://www.researchgate.net/profile/Ajit-Patil-24/research</a> |

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|----|------|---|---|--|----------------|-----------------------|---|---|--------------|-------|
|    |      | Kaushal Apastambh 6   |   |  |                |                       |   |   |              | earch |
| 6. | 2021 | Prof. Ajit Patil, Harshita Kaushik  | Machine Learning Algorithms.  | GIS SCIENCE JOURNAL  | 1869-9391      | VOLUME 8, ISSUE 12    | <a href="https://gisscience.net/">https://gisscience.net/</a>                   | <a href="https://gisscience.net/volume-8-issue-12-2021/">https://gisscience.net/volume-8-issue-12-2021/</a> | UGC Care     |       |
| 7. | 2021 | Mr. Ajit Patil1*, Dr. Sushil Kumar2   | Techniques for Diabetes Care Using Artificial Intelligence and Machine Learning: A Review | Journal of Advances and Scholarly Researches in Allied Education | ISSN 2230-7540 | Vol. 18, Issue No. 3, | <a href="https://ignited.in/">https://ignited.in/</a>                           | <a href="https://ignited.in/jasrae/article/view/12555">https://ignited.in/jasrae/article/view/12555</a>     | UGC Care     |       |
| 8. | 2022 | Prof. Ajit R. Patil1, Prof. Kamlesh V Patil2, Prof. Sonal M Patil3, Prof. Parinita J Chate4, Prof. Pramod G Rahate5 | A Study Paper: NCPR Reducing Path-Discovery overload in Mobile Ad hoc Networks (MANET's)  | NeuroQuantology  | 1303-5150      | Volume 20   Issue 11  | <a href="https://www.neuroquantology.com/">https://www.neuroquantology.com/</a> | <a href="https://rb.gy/22r2xj">https://rb.gy/22r2xj</a>   | Scopus Index |       |

|    |      |   |   |                     |           |                    |   |   |           |   |
|----|------|---|---|---------------------|-----------|--------------------|---|---|-----------|---|
| 9. | 2021 | Rushiraj Chavan1, Vipul Jadhav2, Yogesh Tekam3, Ashutosh Pattanayak | Speech-to-Speech translation using Deep Learning Based Models and Cloud | GIS SCIENCE JOURNAL | 1869-9391 | VOLUME 8, ISSUE 6, | <a href="https://gisscience.net/">https://gisscience.net/</a> | <a href="https://rb.gy/3gyucc">https://rb.gy/3gyucc</a> | UGC Carre | <a href="https://www.researchgate.net/profile/Ajit-Patil-">https://www.researchgate.net/profile/Ajit-Patil-</a> |
|----|------|---|---|---------------------|-----------|--------------------|---|---|-----------|---|

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|----|------|--|---|--|----------------|--------------------------|---|---|----|---|
|    |      | 4,<br>Ajit Patil5  | Services  |  |                |                          |   |   |    | 24/res<br>earch   |
| 10 | 2020 | YashSagar<br>Pachorkar1<br>, Damini<br>Deepaksa<br>Pawar2,<br>Minesh<br>Rajan<br>Ahirekar3,<br>Sanyukta<br>Sanjay<br>Lakkam4,<br>Prof.Ajit R<br>Patil5 | E-Smart<br>Voting<br>System<br>using<br>Cryptograph<br>y                        | IJRECE   | 2393-<br>9028  | VOL. 8<br>ISSUE<br>2     | <a href="http://www.i2or-ijrece.com/vol.-7-issue-4.html">http://www.i2or-ijrece.com/vol.-7-issue-4.html</a>     | <a href="https://rb.gy/fy yexs">https://rb.gy/fy yexs</a>   | NA |   |
| 11 | 2019 | YashSagar<br>Pachorkar1<br>, Damini<br>Deepaksa<br>Pawar2,<br>Minesh<br>Rajan<br>Ahirekar3,<br>Sanyukta<br>Sanjay<br>Lakkam4,<br>Prof.Ajit R<br>Patil5 | Survey<br>Paper on E-<br>Smart<br>Voting<br>System<br>using<br>Cryptograph<br>y | IJRECE   | 2393-<br>9028  | VOL. 7<br>ISSUE<br>4 OCT | <a href="http://www.i2or-ijrece.com/vol.-7-issue-4.html">http://www.i2or-ijrece.com/vol.-7-issue-4.html</a>     | <a href="https://rb.gy/fy yexs">https://rb.gy/fy yexs</a>   | NA |   |
| 12 | 2016 | Ajit R.<br>Patil*  | Next<br>Generation<br>Mobile<br>Computing                                       | Imperial<br>Journal of<br>Interdisciplin<br>ary Research<br>(IJIR) | 2454-<br>1362  | Vol-2,<br>Issue-5        | <a href="https://www.imperialjournals.com/index_php/IJIR/">https://www.imperialjournals.com/index_php/IJIR/</a> | <a href="https://www.imperialjournals.com/index_php/IJIR/">https://www.imperialjournals.com/index_php/IJIR/</a> | NA | <a href="https://www.researchgate.net/profile/Ajit-Patil-24/res">https://www.researchgate.net/profile/Ajit-Patil-24/res</a> |
| 13 | 2016 | Snehal<br>Mule,<br>2Shalaka<br>Ekwade,   | Face<br>Recognition<br>Technology   | International<br>Journal of<br>Scientific<br>Research              | 2278 –<br>0882 | Volume<br>5, Issue<br>3, | <a href="https://www.ijset.org/">https://www.ijset.org/</a>   | <a href="https://www.ijset.org/volume5_issue3.html">https://www.ijset.org/volume5_issue3.html</a>               | NA |   |



|    |      |  |  |   |           |                    |   |   |    |       |
|----|------|--|--|---|-----------|--------------------|---|---|----|-------|
|    |      | Ajit R. Patil*                                       |  | Engineering & Technology (IJSRET),  |           |                    |   |   |    | earch |
| 14 | 2016 | Priyanka More1, Prasad C. Shinde2 & Prof. Ajit Patil | GPU Computing with CUDA  | Imperial Journal of Interdisciplinary Research (IJIR)                                   | 2454-1362 | Vol-2, Issue-5,    | <a href="https://www.imperialjournals.com/index_php/IJIR/">https://www.imperialjournals.com/index_php/IJIR/</a> | <a href="https://www.imperialjournals.com/index_php/IJIR/issue/archive/">https://www.imperialjournals.com/index_php/IJIR/issue/archive/</a> | NA |       |
| 15 | 2015 | Prof Ajit R. Patil*                                  | Review on Data Merging and Data Movement to Perform Accelerate Hadoop System | International Journal of Advanced Research in Computer Science and Software Engineering | 2277-128X | Volume 5, Issue 11 | <a href="http://www.ijarcsse.com">www.ijarcsse.com</a>  | <a href="http://www.ijarcsse.com">www.ijarcsse.com</a>  | NA |       |

## 2) National Journals

| Sr. No. | Calendar Year of Publication | Name of the Author(s) | Title of Paper | Name of the Journal | ISSN | Volume & Issue | Weblink / URL to Journal | Weblink / URL to Paper | Is it Scopus Indexed/UGC-CARE listed /WoS Indexed? | Research Gate Link of the Article PDF |
|---------|------------------------------|-----------------------|----------------|---------------------|------|----------------|--------------------------|------------------------|--|---------------------------------------|
|         |                              |                       |                |                     |      |                |                          |                        |  |                                       |
|         |                              |                       |                |                     |      |                |                          |                        |  |                                       |
|         |                              |                       |                |                     |      |                |                          |                        |  |                                       |

## 3) International Conference Proceedings

| Sr. No. | Calendar Year of Publication | Name of the Author(s)   | Title of Paper / Proceedings  | Name of the Conference  | ISBN of the Proceedings | Weblink / URL to Conference Proceedings / Paper (if any)  |
|---------|------------------------------|---|---|---|-------------------------|---|
| 1       | 2015                         | Sagar Pawar,<br>Aniket. D. Kadam,<br>Pramod .A. Jadhav,<br>Ajit.R.Patil | NCPR<br>Reducing Path-<br>Discovery overload in<br>Mobile Adhoc Networks<br>(MANET's):<br>Latest Short Review<br>(NCPR) | 2015 International Conference on Electrical, Electronics, Signals, Communication and Optimization (EESCO) | -                       | <a href="https://ieeexplore.ieee.org/document/7253957">https://ieeexplore.ieee.org/document/7253957</a> |

#### 4) National Conference Proceedings

| Sr. No. | Calendar Year of Publication | Name of the Author(s)    | Title of Paper / Proceedings                                      | Name of the Conference   | ISBN of the Proceedings | Weblink / URL to Conference Proceedings / Paper (if any)  |
|---------|------------------------------|--------------------------|---|--|-------------------------|---|
| 1       | 2024                         | Prof. Ajit Patil         | cryptoboost empwering crowdfunding throught blockchain technology | National conference on Emerging Trends in Engineering and Sciences | -                       | <a href="https://www.researchgate.net/profile/Ajit-Patil-24/research">https://www.researchgate.net/profile/Ajit-Patil-24/research</a> |
| 2       | 2019                         | Mr.Ajit R. Patil*1 & Mr. | ARTIFICIAL INTELLIGENCE AND ITS                                   | National conference on Recent                                      | -                       | <a href="https://www.researchgate.net/profile/Ajit-Patil-24/research">https://www.researchgate.net/profile/Ajit-Patil-24/research</a> |

|  |  |                   |                                |                                  |  |  |
|--|--|-------------------|--------------------------------|----------------------------------|--|--|
|  |  | Avinash M.Ingole2 | APPLICATION IN DIFFERENT AREAS | Advances In Engineering Sciences |  |  |
|--|--|-------------------|--------------------------------|----------------------------------|--|--|

5) Books Published

| Sr. No. | Calendar Year of Publication | Name of the Author(s) | Name of the Book | Publisher | Level (University/National/International/Others) | ISBN of the book |
|---------|------------------------------|-----------------------|------------------|-----------|--|------------------|
|         |                              |                       |                  |           |  |                  |
|         |                              |                       |                  |           |  |                  |
|         |                              |                       |                  |           |  |                  |

6) Patents

| Sr. No. | Patent Application No. | Status of Patent (Published / Granted) | Inventor/s Name | Title of the Patent | Applicant/s Name                                     | Patent Filed Date (DD/MM/YYYY) | Patent Published Date / Granted Date (DD/MM/YYYY) | Patent Publication Number / Patent Granted Number | Assignee/s Name (Institute Affiliation/s at time of Application) | Here, attach Source Proof Screenshots /URL/ Website Links, etc.   |
|---------|------------------------|--|-----------------|---------------------|--|--------------------------------|---|---|--|---|
| 1       | 201921037522           | Granted                                | Nil             | "SUGARCANE PLANTER  | 1.ATUL G BHONGALE<br>2.SHRIDHAR TAMBAD<br>E 3.AJIT R | 18/09/2019                     | 05/02/2024  | 507072  | Bharati Vidyapeeth's College of Engineering Lavale               | <a href="https://www.researchgate.net/profile/Ajit-Patil-24/research">https://www.researchgate.net/profile/Ajit-Patil-24/research</a> |

|   |                    |           |     |   |  |                    |                |  |  |   |
|---|--------------------|-----------|-----|---|--|--------------------|----------------|--|--|---|
|   |                    |           |     |   | PATIL<br>4.PRAM<br>O D G.<br>RAHATE  |                    |                |  |  |   |
| 2 | 202321071<br>191 A | Published | Nil | DATA<br>ANALYTICS<br>POWERED<br>HEALTH<br>CARE<br>SOLUTION<br>TO<br>PREVENT<br>MATERNAL<br>DEATH IN<br>RURAL<br>AREAS           | Dr.Am<br>ol<br>Jadha<br>v, Ajit<br>R Patil   | 19/10/2<br>0<br>23 | 24/11/202<br>3 |  | ANNASAH<br>EB DANGE<br>COLLEGE<br>OF<br>ENGINEER<br>ING AND<br>TECHNOL<br>OG Y   | <a href="https://www.researchgate.net/profile/Ajit-Patil-24/research">https://ww<br/>w.<br/>researchga<br/>te.<br/>net/profile/<br/>A jit-Patil-<br/>24/researc<br/>h</a> |
| 3 | 202221050<br>471 A | Published | Nil | MATHEMATIC<br>AL MODELING<br>FOR DESIGN<br>AND<br>DEVELOPME<br>NT OF SMART<br>STREET<br>LIGHT<br>SYSTEM<br>WITH AIR<br>PURIFIER | 2)Dr.<br>Rajend<br>ra<br>kumar<br>Naraya<br>n Patil<br>3)Dr.<br>Jyoti<br>Atul<br>Dhanke<br>4)Niles<br>h Raut<br>5)Parini<br>t a<br>Jagann<br>at hrao<br>Chate<br>6)Pras<br>ha nt<br>Shivaji<br>Kadam | 04/09/2<br>0<br>22 | 23/09/202<br>2 |  | :Bharati<br>Vidyapeet<br>h's<br>College of<br>Engineerin<br>g, District<br>Pune, Tal.<br>Mulshi,<br>Lavale,<br>Maharash<br>tra, India, | <a href="https://www.researchgate.net/profile/Ajit-Patil-24/research">https://ww<br/>w.<br/>researchga<br/>te.<br/>net/profile/<br/>A jit-Patil-<br/>24/researc<br/>h</a> |

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|  |  |  |  |  | 7)Shank<br>a<br>r Nivas |  |  |  |  |  |  |
|--|--|--|--|--|-------------------------|--|--|--|--|--|--|

|   |                    |           |     |   |   |                    |                |  |  |   |
|---|--------------------|-----------|-----|---|---|--------------------|----------------|--|--|---|
|   |                    |           |     |   | Kadam<br>8)Ajit<br>Rajaram<br>Patil   |                    |                |  |  |   |
| 4 | 202221050<br>470 A | Published | Nil | ECO-<br>FRIENDLY<br>ELECTRICIT<br>Y<br>GENERATIO<br>N AND<br>NUMERICAL<br>ANALYSIS<br>VIA GYM<br>EQUIPME<br>NTS | 2)Raje<br>nd<br>rakum<br>ar<br>Naraya<br>n Patil<br>3)Jyoti<br>Atul<br>Dhank<br>e<br>4)Meg<br>ha<br>Adhikr<br>ao Patil<br>5)Ajit<br>Rajara<br>m Patil<br>6)Neer<br>aj Arun<br>Gangu<br>rd e<br>7)Patil<br>Sunilku<br>m ar<br>Rajara<br>m<br>8)Pras<br>ha nt<br>Shivaji<br>Kadam<br>9)Prof.<br>Atul B.<br>Wani | 04/09/2<br>0<br>22 | 23/09/202<br>2 |  | :Bharati<br>Vidyapeet<br>h's<br>College of<br>Engineerin<br>g, District<br>Pune, Tal.<br>Mulshi,<br>Lavale,<br>Maharash<br>tra, India, | <a href="https://www.researchgate.net/profile/Ajit-Patil-24/research">https://www.<br/>researchga<br/>te.<br/>net/profile/<br/>Ajit-Patil-<br/>24/researc<br/>h</a> |

## Research Publications, Books Published and Patents

### 1) International Journals

| Sr. No. | Year of Publication | Name of the Author(s) | Title of Paper  | Name of the Journal                                  | ISSN      | Volume & Issue  | Weblink / URL to Journal  | Weblink / URL to Paper  | Is it Scopus Indexed/ UGC-CARE listed /WoS Indexed ? | Research Gate Link of the Article PDF   |
|---------|---------------------|-----------------------|---|--|-----------|-----------------|---|---|--|---|
| 1.      | 2024                | Prof. Y. V. Kadam     | COMPUTATIONAL ANALYSIS OF MANGROVE DOMESTICATION: IMPACT ON COASTAL FLORA AND FAUNA IN MUMBAI | Chelonian Conservation And Biology                   | 1071-8443 | Vol. 18 Issue 2 | <a href="https://www.acgpublishing.com">https://www.acgpublishing.com</a> | <a href="https://www.acgpublishing.com/index.php/CCB/article/view/156/167">https://www.acgpublishing.com/index.php/CCB/article/view/156/167</a> | Yes  | <a href="https://www.researchgate.net/publication/380323624_COMPUTATIONAL_ANALYSIS_OF_MANGROVE_DOMESTICATION_IMPACT_ON_COASTAL_FLORA_AND_FAUNA_IN_MUMBAI">https://www.researchgate.net/publication/380323624_COMPUTATIONAL_ANALYSIS_OF_MANGROVE_DOMESTICATION_IMPACT_ON_COASTAL_FLORA_AND_FAUNA_IN_MUMBAI</a> |
| 2.      | 2023                | Prof. Y. V. Kadam     | A Review on Online Education  | GLOBAL JOURNAL OF ENGINEERING SCIENCE AND RESEARCHES | 1869-9391 | Vol. 10 Issue 3 | <a href="http://gisscience.net">http://gisscience.net</a>                 | <a href="http://gisscience.net/VOLUME-10-ISSUE-3-2023/">http://gisscience.net/VOLUME-10-ISSUE-3-2023/</a>                                       | --   | <a href="https://www.researchgate.net/publication/371458464_A_Review_on_Online_Education">https://www.researchgate.net/publication/371458464_A_Review_on_Online_Education</a>   |
| 3.      | 2023                | Prof. Y. V. Kadam     | A Research Review on Web  | GLOBAL JOURNAL OF ENGINEERING                        | 1869-9391 | Vol. 10 Issue   | <a href="http://gisscience.net">http://gisscience.net</a>                 | <a href="http://gisscience.net/VOLUME-10-ISSUE-">http://gisscience.net/VOLUME-10-ISSUE-</a>   | --   | <a href="https://www.researchgate.net/publication/371458802_A_Research_Review_on_Web_Application">https://www.researchgate.net/publication/371458802_A_Research_Review_on_Web_Application</a>   |

|    |      |                   |   |  |           |                       |   |   |     |   |
|----|------|-------------------|---|--|-----------|-----------------------|---|---|-----|---|
|    |      |                   | Application   | G SCIENCE AND RESEARCHES                             |           | e 3                   |   | <a href="#">3-2023/</a>   |     |   |
| 4. | 2023 | Prof. Y. V. Kadam | An Automated Crop Prediction System Using Machine Algorithm         | GLOBAL JOURNAL OF ENGINEERING SCIENCE AND RESEARCHES | 1869-9391 | Vol. 10 Issue 3       | <a href="http://gissciencenet">http://gissciencenet</a>               | <a href="http://gissciencenet/VOLUME-10-ISSUE-3-2023/">http://gissciencenet/VOLUME-10-ISSUE-3-2023/</a>   | --  | <a href="https://www.researchgate.net/publication/371459156_An_Automated_Crop_Prediction_System_Using_Machine_Algorithm">https://www.researchgate.net/publication/371459156_An_Automated_Crop_Prediction_System_Using_Machine_Algorithm</a>                 |
| 5. | 2023 | Prof. Y. V. Kadam | ENHANCEMENT OF GRINDING PROCESS USING ZINC PHOSPHATE AS A LUBRICANT | Journal of Data Acquisition and Processing           | 1004-9037 | Vol. 38 Issue 2       | <a href="https://sijyclcn">https://sijyclcn</a>                       | <a href="https://sijyclcn/article/view-2023/pdf/02344.pdf">https://sijyclcn/article/view-2023/pdf/02344.pdf</a>   | --  | <a href="https://www.researchgate.net/publication/371459619_ENHANCEMENT_OF_GRINDING_PROCESS_USING_ZINC_PHOSPHATE_AS_A_LUBRICANT">https://www.researchgate.net/publication/371459619_ENHANCEMENT_OF_GRINDING_PROCESS_USING_ZINC_PHOSPHATE_AS_A_LUBRICANT</a> |
| 6. | 2023 | Prof. Y. V. Kadam | A Review on Security & Threats of Web Application                   | GLOBAL JOURNAL OF ENGINEERING SCIENCE AND RESEARCHES | 1869-9391 | Vol. 10 Issue 5       | <a href="http://gissciencenet">http://gissciencenet</a>               | <a href="http://gissciencenet/VOLUME-10-ISSUE-5-2023/">http://gissciencenet/VOLUME-10-ISSUE-5-2023/</a>   | --  | <a href="https://www.researchgate.net/publication/371459596_A_Review_on_Security_Threats_of_Web_Application">https://www.researchgate.net/publication/371459596_A_Review_on_Security_Threats_of_Web_Application</a>   |
| 7. | 2023 | Prof. Y. V. Kadam | Introduction to MERN Stack & Comparison with Previous               | European Chemical Bulletin                           | 2063-5346 | Vol. 12 Special Issue | <a href="https://www.eurchembull.com">https://www.eurchembull.com</a> | <a href="https://www.eurchembull.com/uploads/paper/3c8ec36afedf36e34cdf0b71552">https://www.eurchembull.com/uploads/paper/3c8ec36afedf36e34cdf0b71552</a> | Yes | <a href="https://www.researchgate.net/publication/371459805_Introduction_to_MERN_Stack_Comparison_with_Previous_Technologies">https://www.researchgate.net/publication/371459805_Introduction_to_MERN_Stack_Comparison_with_Previous_Technologies</a>       |



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|----|------|-------------------|--|---|-----------|-------------------------|---|---|-----|---|
|    |      |                   | Technologies   |   |           | e 4                     |   | <a href="#">8967c.pdf</a>   |     |   |
| 8. | 2023 | Prof. Y. V. Kadam | Power Transmission Performance Optimization: Intelligent Approach Needed ! | European Chemical Bulletin  | 2063-5346 | Vol. 12 Special Issue 4 | <a href="https://www.eurchembull.com">https://www.eurchembull.com</a> | <a href="https://www.eurchembull.com/uploads/paper/7ae727c71301cd7a183bdd7f85c0cc67.pdf">https://www.eurchembull.com/uploads/paper/7ae727c71301cd7a183bdd7f85c0cc67.pdf</a>   | Yes | <a href="https://www.researchgate.net/publication/371461833_Power_Transmission_Performance_Optimization_Intelligent_Approach_Needed">https://www.researchgate.net/publication/371461833_Power_Transmission_Performance_Optimization_Intelligent_Approach_Needed</a> |
| 9. | 2023 | Prof. Y. V. Kadam | Collaborative Application Development Tool                                 | European Chemical Bulletin  | 2063-5346 | Vol. 12 Special Issue 6 | <a href="https://www.eurchembull.com">https://www.eurchembull.com</a> | <a href="https://www.eurchembull.com/uploads/paper/3c54d1b1fa7aa658fdcaae08130505d7.pdf">https://www.eurchembull.com/uploads/paper/3c54d1b1fa7aa658fdcaae08130505d7.pdf</a>   | Yes | <a href="https://www.researchgate.net/publication/371460499_Collaborative_Application_Development">https://www.researchgate.net/publication/371460499_Collaborative_Application_Development</a>   |
| 10 | 2023 | Prof. Y. V. Kadam | Smart Agriculture Management Using Machine Learning Algorithms             | International Journal of Creative Research Thoughts (IJCRT)                           | 2320-2882 | Vol. 11 Issue 5         | <a href="https://ijcrt.org">https://ijcrt.org</a>                     | <a href="https://ijcrt.org/papers/IJCRT23A5496.pdf">https://ijcrt.org/papers/IJCRT23A5496.pdf</a>   | --  | <a href="https://www.researchgate.net/publication/371460105_Smart_Agriculture_Management_Using_Machine_Learning_Algorithms">https://www.researchgate.net/publication/371460105_Smart_Agriculture_Management_Using_Machine_Learning_Algorithms</a>                   |
| 11 | 2022 | Prof. Y. V. Kadam | EDUCATION MOBILE APPLICATION   | International Research Journal of Modernization in Engineering Technology and Science | 2582-5208 | Vol. 4 Issue 4          | <a href="https://www.irjmets.com">https://www.irjmets.com</a>         | <a href="https://www.irjmets.com/uploadedfiles/paper/issue_4_april_2022/21425/final/fin_irjmets1650975259.pdf">https://www.irjmets.com/uploadedfiles/paper/issue_4_april_2022/21425/final/fin_irjmets1650975259.pdf</a> | --  | <a href="https://www.researchgate.net/publication/362517360_EDUCATION_MOBILE_APPLICATION">https://www.researchgate.net/publication/362517360_EDUCATION_MOBILE_APPLICATION</a>   |

|    |      |                   |  |   |           |                |   |   |    |   |
|----|------|-------------------|--|---|-----------|----------------|---|---|----|---|
| 12 | 2022 | Prof. Y. V. Kadam | AUTOMATIC DETECTION OF EMOTIONS FROM TEXTUAL COMMANDS AND FACIAL EXPRESSIONS | International Research Journal of Modernization in Engineering Technology and Science | 2582-5208 | Vol. 4 Issue 5 | <a href="https://www.irjmets.com">https://www.irjmets.com</a> | <a href="https://www.irjmets.com/uploadedfiles/paper//issue_5_may_2022/22665/final/fin_irjmets1652358435.pdf">https://www.irjmets.com/uploadedfiles/paper//issue_5_may_2022/22665/final/fin_irjmets1652358435.pdf</a> | -- | <a href="https://www.researchgate.net/publication/362517182_AUTOMATIC_DETECTION_OF_EMOTIONS_FROM_TEXTUAL_COMMANDS_AND_FACIAL_EXPRESSIONS">https://www.researchgate.net/publication/362517182_AUTOMATIC_DETECTION_OF_EMOTIONS_FROM_TEXTUAL_COMMANDS_AND_FACIAL_EXPRESSIONS</a> |
| 13 | 2022 | Prof. Y. V. Kadam | SHIFTEzi SERVICE-BASED ANDROID APPLICATION                                   | International Research Journal of Modernization in Engineering Technology and Science | 2582-5208 | Vol. 4 Issue 5 | <a href="https://www.irjmets.com">https://www.irjmets.com</a> | <a href="https://www.irjmets.com/uploadedfiles/paper/issue_5_may_2022/23167/final/fin_irjmets1652685474.pdf">https://www.irjmets.com/uploadedfiles/paper/issue_5_may_2022/23167/final/fin_irjmets1652685474.pdf</a>   | -- | <a href="https://www.researchgate.net/publication/362517187_SHIFTEzi_SERVICE-BASED_ANDROID_APPLICATION">https://www.researchgate.net/publication/362517187_SHIFTEzi_SERVICE-BASED_ANDROID_APPLICATION</a>   |
| 14 | 2021 | Prof. Y. V. Kadam | ShiftEzi: Digital Shifting   | GLOBAL JOURNAL OF ENGINEERING SCIENCE AND RESEARCHES                                  | 1869-9391 | Vol. 8 Issue 6 | <a href="http://gisscience.net">http://gisscience.net</a>     | <a href="http://gisscience.net/VOLUME-8-ISSUE-6-2021/">http://gisscience.net/VOLUME-8-ISSUE-6-2021/</a>   | -- | <a href="https://www.researchgate.net/publication/362517337_ShiftEzi_Digital_Shifting">https://www.researchgate.net/publication/362517337_ShiftEzi_Digital_Shifting</a>   |
| 15 | 2021 | Prof. Y. V. Kadam | Credit Card Fraud Detection Using Machine Learning                           | GLOBAL JOURNAL OF ENGINEERING SCIENCE AND RESEARCHES                                  | 1869-9391 | Vol. 8 Issue 6 | <a href="http://gisscience.net">http://gisscience.net</a>     | <a href="http://gisscience.net/VOLUME-8-ISSUE-6-2021/">http://gisscience.net/VOLUME-8-ISSUE-6-2021/</a>   | -- | <a href="https://www.researchgate.net/publication/362517343_Credit_Card_Fraud_Detection_Using_Machine_Learning_Algorithms">https://www.researchgate.net/publication/362517343_Credit_Card_Fraud_Detection_Using_Machine_Learning_Algorithms</a>                               |

|    |      |                   |  |   |           |                 |   |   |    |   |
|----|------|-------------------|--|---|-----------|-----------------|---|---|----|---|
|    |      |                   | Algorithms   |   |           |                 |   |   |    |   |
| 16 | 2021 | Prof. Y. V. Kadam | AUTOMATE DETECTION OF EMOTIONS THROUGH TEXTUAL COMMANDS AND FEEDBACK | GLOBAL JOURNAL OF ENGINEERING SCIENCE AND RESEARCHES                                  | 1869-9391 | Vol. 8 Issue 12 | <a href="http://gisscience.net">http://gisscience.net</a>           | <a href="http://gisscience.net/VOLUME-8-ISSUE-12-2021/">http://gisscience.net/VOLUME-8-ISSUE-12-2021/</a>   | -- | <a href="https://www.researchgate.net/publication/362517343_Credit_Card_Fraud_Detection_Using_Machine_Learning_Algorithms">https://www.researchgate.net/publication/362517343_Credit_Card_Fraud_Detection_Using_Machine_Learning_Algorithms</a> |
| 17 | 2021 | Prof. Y. V. Kadam | AUTOMATE DETECTION OF EMOTIONS FROM TEXT MESSAGE                     | International Research Journal of Modernization in Engineering Technology and Science | 2582-5208 | Vol. 3 Issue 12 | <a href="https://www.irjournals.com">https://www.irjournals.com</a> | <a href="https://www.irjournals.com/uploadedfiles/paper/volume_3/issue_12_december_2021/17720/final/fin_irjournals1639857061.pdf">https://www.irjournals.com/uploadedfiles/paper/volume_3/issue_12_december_2021/17720/final/fin_irjournals1639857061.pdf</a> | -- | <a href="https://www.researchgate.net/publication/362517172_AUTOMATE_DETECTION_OF_EMOTIONS_FROM_TEXT_MESSAGE">https://www.researchgate.net/publication/362517172_AUTOMATE_DETECTION_OF_EMOTIONS_FROM_TEXT_MESSAGE</a>                           |
| 18 | 2020 | Prof. Y. V. Kadam | Fraud Detection Through Machine Learning Algorithm                   | IJSRD - International Journal for Scientific Research & Development                   | 2321-0613 | Vol. 8 Issue 4  | <a href="http://www.ijsrd.com">http://www.ijsrd.com</a>             | <a href="http://www.ijsrd.com/article/IJSRDV8I40562.pdf">http://www.ijsrd.com/article/IJSRDV8I40562.pdf</a>   | -- | <a href="https://www.researchgate.net/publication/362517128_Fraud_detection_Through_Machine_Learning_Algorithm">https://www.researchgate.net/publication/362517128_Fraud_detection_Through_Machine_Learning_Algorithm</a>                       |
| 19 | 2020 | Prof. Y. V. Kadam | HSPM (Hardware and Software Product                                  | IJSRD - International Journal for Scientific  | 2321-0613 | Vol. 8 Issue 7  | <a href="http://www.ijsrd.com">http://www.ijsrd.com</a>             | <a href="https://www.ijsrd.com/Article.php?manuscript=IJSRDV8I700">https://www.ijsrd.com/Article.php?manuscript=IJSRDV8I700</a>   | -- | <a href="https://www.researchgate.net/publication/362517079_HSPM_Hardware_and_Software_Product_Management_Solutions">https://www.researchgate.net/publication/362517079_HSPM_Hardware_and_Software_Product_Management_Solutions</a>             |

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|----|------|-------------------|---|--|-----------|-----------------|---|---|----|---|
|    |      |                   | Management ) Solutions  | Research & Development   |           |                 |   | <a href="#">80</a>  |    |   |
| 20 | 2018 | Prof. Y. V. Kadam | Estimation of Road Roughness Condition and Ghat Complexity Analysis Using Smartphone Sensors          | International Journal on Recent and Innovation Trends in Computing and Communication | 2321-8169 | Vol. 6 Issue 6  | <a href="https://ijritcc.org">https://ijritcc.org</a>     | <a href="https://ijritcc.org/index.php/ijritcc/article/view/1621">https://ijritcc.org/index.php/ijritcc/article/view/1621</a> | -- | <a href="https://www.researchgate.net/publication/362516954_Study_of_Estimation_of_Road_Roughness_Condition_and_Ghat_Complexity_Analysis_Using_Smartphone_Sensors">https://www.researchgate.net/publication/362516954_Study_of_Estimation_of_Road_Roughness_Condition_and_Ghat_Complexity_Analysis_Using_Smartphone_Sensors</a> |
| 21 | 2017 | Prof. Y. V. Kadam | Study of Estimation of Road Roughness Condition and Ghat Complexity Analysis Using Smartphone Sensors | International Research Journal of Engineering and Technology                         | 2395-0072 | Vol. 4 Issue 11 | <a href="https://www.irjet.net">https://www.irjet.net</a> | <a href="https://www.irjet.net/archives/V4/i11/IRJET-V4I1198.pdf">https://www.irjet.net/archives/V4/i11/IRJET-V4I1198.pdf</a> | -- | <a href="https://www.researchgate.net/publication/362516954_Study_of_Estimation_of_Road_Roughness_Condition_and_Ghat_Complexity_Analysis_Using_Smartphone_Sensors">https://www.researchgate.net/publication/362516954_Study_of_Estimation_of_Road_Roughness_Condition_and_Ghat_Complexity_Analysis_Using_Smartphone_Sensors</a> |

## 2) National Journals

| Sr. No. | Calendar Year of Publication | Name of the Author(s) | Title of Paper | Name of the Journal | ISSN | Volume & Issue | Weblink / URL to Journal | Weblink / URL to Paper | Is it Scopus Indexed/UGC-CARE listed /WoS | Research Gate Link of the Article PDF |
|---------|------------------------------|-----------------------|----------------|---------------------|------|----------------|--------------------------|------------------------|---|---------------------------------------|
|---------|------------------------------|-----------------------|----------------|---------------------|------|----------------|--------------------------|------------------------|---|---------------------------------------|

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|-----|--|--|--|--|--|--|--|--|----------|--|
|     |  |  |  |  |  |  |  |  | Indexed? |  |
| NIL |  |  |  |  |  |  |  |  |          |  |

### 3) International Conference Proceedings

| Sr. No. | Calendar Year of Publication | Name of the Author(s) | Title of Paper / Proceedings | Name of the Conference | ISBN of the Proceedings | Weblink / URL to Conference Proceedings / Paper (if any) |
|---------|------------------------------|-----------------------|------------------------------|------------------------|-------------------------|--|
| NIL     |                              |                       |                              |                        |                         |  |

### 4) National Conference Proceedings

| Sr. No. | Calendar Year of Publication | Name of the Author(s) | Title of Paper / Proceedings            | Name of the Conference | ISBN of the Proceedings | Weblink / URL to Conference Proceedings / Paper (if any)                                    |
|---------|------------------------------|-----------------------|---|------------------------|-------------------------|---|
| 1       | 2019                         | Prof. Y. V. Kadam     | FUTURE OF COMMUNICATION - 5G TECHNOLOGY | NCRAES-2019 Conference | 2348-8034               | <a href="https://www.gjesr.com/NCRAES-2K19.html">https://www.gjesr.com/NCRAES-2K19.html</a> |

### 5) Books Published

| Sr. No. | Calendar Year of Publication | Name of the Author(s) | Name of the Book | Publisher | Level (University/National/International/Others) | ISBN of the book |
|---------|------------------------------|-----------------------|------------------|-----------|--|------------------|
| NIL     |                              |                       |                  |           |  |                  |

## 6) Patents

| Sr. No. | Patent Application No. | Status of Patent (Published / Granted) | Inventor/s Name  | Title of the Patent                                   | Applicant/s Name   | Patent Filed Date (DD/MM/YY) | Patent Published Date / Granted Date (DD/MM/YY) | Patent Publication Number / Patent Granted Number | Assignee/s Name (Institute Affiliation/s at time of Application) | Here, attach Source Proof Screenshots/URL/ Website Links, etc.  |
|---------|------------------------|--|--|---|--|------------------------------|---|---|--|---|
| 1       | 202221035972           | Published                              | Rajendrakumar Narayan Patil, Jyoti Atul Dhanke, Patil Sunilkumar Rajaram, Dr. Sonali Kadam, Mr. Yogesh Vasant Kadam, Swapnil Chandrakant Mane, Mr. Prashant Shivaji Kadam, Atish Mane, Nilesh Narendra Raut, Prajakta Dagadu Pawar, Parinita | Mobile phone battery charge with integrated interface | Bharati Vidyapeeth's College of Engineering, Lavale Maharashtra, India, Pin code: 412115. Pune, Rajendrakumar Narayan Patil, Jyoti Atul Dhanke, Patil Sunilkumar Rajaram, Dr. Sonali Kadam, Mr. Yogesh Vasant Kadam, Swapnil Chandrakant Mane, Mr. Prashant Shivaji Kadam, Atish Mane, Nilesh Narendra Raut, Prajakta Dagadu Pawar, Parinita Jagannathrao Chate, Saurabh Babasaheb Gaikwad | 22/6/2022                    | 15/7/2022                                       | 202221035972                                      | Bharati Vidyapeeth's College of Engineering, Lavale Pune 412115. | <a href="https://www.researchgate.net/publication/380733808_Mobile_phone_battery_charge_with_integrated_interface">https://www.researchgate.net/publication/380733808_Mobile_phone_battery_charge_with_integrated_interface</a> |

|   |                      |               |   |  |   |                |                |                  |  |   |
|---|----------------------|---------------|---|--|---|----------------|----------------|------------------|--|---|
|   |                      |               | Jagannathrao Chate,<br>Saurabh Babasaheb Gaikwad  |  |   |                |                |                  |  |   |
| 2 | 20212<br>10437<br>87 | publis<br>hed | Prajakta Dagadu Pawar,<br>Yogesh Vasant Kadam, Prof. Atul B. Wani,<br>Kumkum Bala, Prof. Pramod Pandurang Salunkhe,<br>Prof. Sanket Sunil Pawar,<br>Ajit Rajaram Patil, Swati Anil Shegane,<br>Laxmipriya Pudage, Jyoti Atul Dhanke | Mathemati<br>cal<br>Modelling<br>of Self<br>Balancing<br>Solar<br>Energy<br>Storage<br>System              | Prajakta Dagadu Pawar,<br>Yogesh Vasant Kadam,<br>Prof. Atul B. Wani,<br>Kumkum Bala, Prof. Pramod Pandurang Salunkhe,<br>Prof. Sanket Sunil Pawar, Ajit Rajaram Patil, Swati Anil Shegane,<br>Laxmipriya Pudage, Jyoti Atul Dhanke | 27/09/<br>2021 | 11/03/<br>2022 | 202121<br>043787 | Bharati Vidyapeeth's College of Engineering, Lavale Pune 412115. | <a href="https://www.researchgate.net/publication/380734028_Mathematical_Modelling_of_Self_Balancing_Solar_Energy_Storage_System">https://www.researchgate.net/publication/380734028_Mathematical_Modelling_of_Self_Balancing_Solar_Energy_Storage_System</a>   |
| 3 | 20202<br>10489<br>35 | publis<br>hed | Dr.R.N.Patil,<br>Dr.Nidhi Jain,<br>Prajakta Pawar,<br>Yogesh Kadam  | IFMC-<br>Voltage<br>Converter:<br>Intelligent<br>and<br>Frequency<br>to Voltage<br>Convertor<br>for Mobile | Dr.R.N.Patil, Dr.Nidhi Jain,<br>Prajakta Pawar, Yogesh Kadam  | 11/10/<br>2020 | 1/1/20<br>21   | 202021<br>048935 | Bharati Vidyapeeth's College of Engineering, Lavale Pune 412115. | <a href="https://www.researchgate.net/publication/380733882_IFMC-Voltage_ConverterIntelligent_and_Frequency_to_Voltage_Convertor_for_Mobile_Charging_Patent_Application_No202021048935">https://www.researchgate.net/publication/380733882_IFMC-Voltage_ConverterIntelligent_and_Frequency_to_Voltage_Convertor_for_Mobile_Charging_Patent_Application_No202021048935</a> |

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## Research Publications, Books Published and Patents

### 1) International Journals

| Sr. No. | Year of Publication | Name of the Author(s)                               | Title of Paper  | Name of the Journal        | ISSN      | Volume & Issue                        | Weblink / URL to Journal  | Weblink / URL to Paper  | Is it Scopus Indexed/UGC-CARE listed /WoS Indexed? | Research Gate Link of the Article PDF   |
|---------|---------------------|---|---|----------------------------|-----------|---------------------------------------|---|---|--|---|
| 1       | 2023                | Sanket S Pawar<br>Sanyogita Paimode<br>Dhanke Jyoti | Review One: Drowsiness Sensing System & Pothole Identification Technique For Monitoring Roads | European Chemical Bulletin | 2063-5346 | Vol 12, Issue 4<br>Jun 2023           | <a href="https://eurchembull.com">https://eurchembull.com</a>   | <a href="https://eurchembull.com/uploads/paper/d556fbceb5e21b7c22d3cecbad9e7fd1.pdf">https://eurchembull.com/uploads/paper/d556fbceb5e21b7c22d3cecbad9e7fd1.pdf</a> | Yes  | <a href="https://www.researchgate.net/publication/371475557_Review_One_Drowsiness_Sensing_System_Pothole_Identification_Technique_For_Monitoring_Roads">https://www.researchgate.net/publication/371475557_Review_One_Drowsiness_Sensing_System_Pothole_Identification_Technique_For_Monitoring_Roads</a> |
| 2       | 2023                | Sanket S Pawar<br>Mr. Avinash Ingole                | Power Transmission Performance Optimization: Intelligent Approach Needed!., European          | European Chemical Bulletin | 2063-5346 | Vol 12, Issue 4<br>,108-1086<br>6,May | <a href="https://eurchembull.com/">https://eurchembull.com/</a> | <a href="https://eurchembull.com/uploads/paper/d556fbceb5e21b7c22d3cecbad9e7fd1.pdf">https://eurchembull.com/uploads/paper/d556fbceb5e21b7c22d3cecbad9e7fd1.pdf</a> | Yes  | <a href="https://www.researchgate.net/publication/371461833_Power_Transmission_Performance_Optimization_Intelligent_Approach_Needed">https://www.researchgate.net/publication/371461833_Power_Transmission_Performance_Optimization_Intelligent_Approach_Needed</a>                                       |

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|   |      | e Mr. Yogesh Kadam<br><br>Mrs. Prati ma Kadam<br>Dr P Atre                                   | Chemical Bulletin                    |   |           | y<br>2023             |                    |   |    |   |
| 3 | 2022 | Trupti Prakash Shinde*1, Shaheen Mehabob Mulla*2, Gauri Baburao Kolekar*3, Bhagyashri Rajesh | AI PROCTORING FOR ONLINE EXAMINATION | International Research Journal of Modernization in Engineering Technology and Science | 2582-5208 | 04/Issue: 05/May-2022 | www.irjournals.com | <a href="https://www.researchgate.net/publication/362517783_AI_PROCTORING_FOR_ONLINE_EXAMINATION">https://www.researchgate.net/publication/362517783_AI_PROCTORING_FOR_ONLINE_EXAMINATION</a> | No | <a href="https://www.researchgate.net/publication/362517783_AI_PROCTORING_FOR_ONLINE_EXAMINATION">https://www.researchgate.net/publication/362517783_AI_PROCTORING_FOR_ONLINE_EXAMINATION</a> |

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|---|------|---|---------------------------|--|---------------|--------------------------------------|---------------------|---|----|---|
|   |      | Patil*<br>4,<br>Prof. Sank<br>et<br>Paw<br>ar*5   |                           |  |               |                                      |                     |   |    |   |
| 4 | 2022 | Nihal Tonp<br>e*1,<br>Jayesh<br>Bachher*2<br>,<br>Rohit Man<br>e*3,<br>Sank<br>et<br>Udan<br>shiv*<br>4,<br>Abhi<br>shek<br>Hanumant<br>Patil*<br>5,<br>Prof. Sank<br>et<br>Paw<br>ar*6 | Block Chain<br>Technology | Internationa<br>l<br>Rese<br>arch<br>Journ<br>al of<br>Moder<br>nizati<br>on in<br>Engin<br>eering<br>Techn<br>ology<br>and<br>Scien<br>ce | 2582-<br>5208 | 04/Is<br>sue:<br>05/M<br>ay-<br>2022 | www.irjm<br>ets.com | <a href="https://www.researchgate.net/publication/362517787_BLOCKCHAIN_EMERGING_TECHNOLOGY">https://www.researchgate.net/publication/362517787_BLOCKCHAIN_EMERGING_TECHNOLOGY</a> | No | <a href="https://www.researchgate.net/publication/362517787_BLOCKCHAIN_EMERGING_TECHNOLOGY">https://www.researchgate.net/publication/362517787_BLOCKCHAIN_EMERGING_TECHNOLOGY</a> |
| 5 | 2022 | Mr.   | Virtual                   | INTE   | 2349-         | Volu                                 |                     | <a href="https://www.re">https://www.re</a>   | No | <a href="https://www.researchg">https://www.researchg</a>   |

|  |  |   |  |      |               |  |  |  |   |
|--|--|---|--|------|---------------|--|--|--|---|
|  | Jayesh Bachher, Prof. Sanket Pawar, Mr. Nihal Tonpe, Mr. Rohit Mane, Mr. Sanket Udanshiv, Mr. Abhishek Hanumant Patil, Mr. Rushikesh Thombare, Mr. Omkar | Reality and Augmented reality used in the field of Gaming | RNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN TECHNOLOGY | 6002 | me 8 Issue 12 |  | searchgate.net/publication/362517509_Virtual_Reality_and_Augmented_reality_used_in_the_field_of_Gaming |  | ate.net/publication/362517509_Virtual_Reality_and_Augmented_reality_used_in_the_field_of_Gaming |
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|   |      | Sona wane   |   |  |           |                             |   |   |    |   |
| 6 | 2020 | Mr. S.S Pawar. Miss. Kriti Gauraha, Miss. Apurva Hajar e, Mr.A nkit Ghat ole ,Mr.V ipul Jadh av | Dynamic Multi-Keyword Top-k Ranked Search over Encrypted Cloud Data               | jetir  | 2349-5162 | Volume-7, Issue-5, May 2020 | <a href="https://www.jetir.org/">https://www.jetir.org/</a> | <a href="https://www.researchgate.net/publication/362517941_Dynamic_Multi-Keyword_Top-k_Ranked_Search_over_Encrypted_Cloud_Data">https://www.researchgate.net/publication/362517941_Dynamic_Multi-Keyword_Top-k_Ranked_Search_over_Encrypted_Cloud_Data</a>                             | No | <a href="https://www.researchgate.net/publication/362517941_Dynamic_Multi-Keyword_Top-k_Ranked_Search_over_Encrypted_Cloud_Data">https://www.researchgate.net/publication/362517941_Dynamic_Multi-Keyword_Top-k_Ranked_Search_over_Encrypted_Cloud_Data</a>                             |
| 7 | 2019 | Kirti Gauraha Apurva Hazare Ankit a Ghat ole Sank et S  | A Secure and Dynamic Multi-keyword Ranked Search Scheme over Encrypted Cloud Data | INTERNATIONAL JOURNAL FOR RESEARCH & DEVELOPMENT | 2349-3585 | Volume-12, Issue-6(Dec-19)  | <a href="http://www.ijrdt.org">www.ijrdt.org</a>            | <a href="https://www.researchgate.net/publication/362517605_A_Secure_and_Dynamic_Multi-keyword_Ranked_Search_Scheme_over_Encrypted_Cloud_Data">https://www.researchgate.net/publication/362517605_A_Secure_and_Dynamic_Multi-keyword_Ranked_Search_Scheme_over_Encrypted_Cloud_Data</a> | No | <a href="https://www.researchgate.net/publication/362517605_A_Secure_and_Dynamic_Multi-keyword_Ranked_Search_Scheme_over_Encrypted_Cloud_Data">https://www.researchgate.net/publication/362517605_A_Secure_and_Dynamic_Multi-keyword_Ranked_Search_Scheme_over_Encrypted_Cloud_Data</a> |

|   |      | Paw ar  |  | IN<br>TECH<br>NOLO<br>GY  |    |    |   |   |     |   |
|---|------|---|--|---|----|----|---|---|-----|---|
| 8 | 2016 | Sank et S Paw ar Rohit Male gaon kar,D evale Prak ash, Anik et Kada m | Image re-ranking semantic search engine : Reinforceme nt learning methodology        | 2016 Intern ational Confer ence on Electri cal, Electr onics, and Optimi zation Techni ques (ICEE OT) | NA | NA | <a href="https://ieeexplore.ieee.org">https://ieeexplore.ieee.org</a> | <a href="https://ieeexplore.ieee.org/document/7755004/authors#authors">https://ieeexplore.ieee.org/document/7755004/authors#authors</a> | Yes | <a href="https://www.researchgate.net/publication/311255048_Image_re-ranking_semantic_search_engine_Reinforcement_learning_methodology">https://www.researchgate.net/publication/311255048_Image_re-ranking_semantic_search_engine_Reinforcement_learning_methodology</a>                 |
| 9 | 2016 | Sank et S Paw ar,Sa gar Nika m, Anik et Kada m                        | Idea of intelligent smart research community development (Idea Innovation Invention) | Confer ence: 2016 Intern ational Confer ence on Electri cal, Electr onics, and Optimi                 | NA | NA | <a href="https://ieeexplore.ieee.org">https://ieeexplore.ieee.org</a> | <a href="https://ieeexplore.ieee.org/document/7755003">https://ieeexplore.ieee.org/document/7755003</a>                                 | Yes | <a href="https://www.researchgate.net/publication/311255408_Idea_of_intelligent_smart_research_community_development_Idea_Innovation_Invention">https://www.researchgate.net/publication/311255408_Idea_of_intelligent_smart_research_community_development_Idea_Innovation_Invention</a> |

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|    |      |   |   | zation<br>Techni<br>ques<br>(ICEE<br>OT)  |    |    |   |  |     |  |
| 10 | 2016 | Mr.S<br>anket<br>S<br>Paw<br>ar,Ab<br>hijit<br>Man<br>epatil<br>,Praj<br>akta<br>Jagta<br>p | Keyword<br>search in<br>information<br>retrieval and<br>relational<br>database<br>system: Two<br>class view               | Confer<br>ence:<br>2016<br>Intern<br>ational<br>Confer<br>ence<br>on<br>Electri<br>cal,<br>Electr<br>onics,<br>and Opti<br>mization<br>Techni<br>ques<br>(ICEE<br>OT) | NA | NA | <a href="https://ieeexplore.ieee.org">https://ieeexplore.<br/>iee.org</a> | <a href="https://ieeexplore.ieee.org/document/7755576">https://ieeexplore.<br/>iee.org/document/775557<br/>6</a> | Yes | <a href="https://www.researchgate.net/publication/311255581_Keyword_search_in_information_retrieval_and_relational_database_system_Two_class_view">https://www.researchg<br/>ate.net/publication/311<br/>255581_Keyword_sea<br/>rch_in_information_ret<br/>rieval_and_relational_<br/>database_system_Two<br/>class_view</a>                           |
| 11 | 2015 | Mr.S<br>anket<br>S<br>Paw<br>ar,Mr<br>Sagar<br>Nika<br>m,Mr<br>.Pra                         | NCPR<br>reducing<br>path-<br>discovery<br>overload in<br>mobile adhoc<br>networks<br>(MANET's):<br>Latest short<br>review | Confer<br>ence:<br>2015<br>Intern<br>ational<br>Confer<br>ence<br>on<br>Electri<br>cal,   | NA | NA | <a href="https://ieeexplore.ieee.org">https://ieeexplore.<br/>iee.org</a> | <a href="https://ieeexplore.ieee.org/document/7253957">https://ieeexplore.<br/>iee.org/document/725395<br/>7</a> | Yes | <a href="https://www.researchgate.net/publication/305905500_NCPR_reducing_path-discovery_overload_in_mobile_adhoc_networks_MANET's_Latest_short_review_NCPR">https://www.researchg<br/>ate.net/publication/305<br/>905500_NCPR_reduci<br/>ng_path-<br/>discovery_overload_in<br/>_mobile_adhoc_netwo<br/>rks_MANET's_Latest_<br/>short_review_NCPR</a> |

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|----|------|--|--|---|-----------|------------------------------|---|---|---|---|
|    |      | mod Jadhav                                     | (NCPR)                                     | Electronics, Signals, Communication and Optimization (EESCO)          |           |                              |   |   |   |   |
| 12 | 2014 | Sanket S Pawar, Mr. Pramod Jadhav              | Geo-Informatics-Ontology Model: Review One |   |           | Volume 3 issue 1 August 2014 | <a href="https://www.researchgate.net/publication/287396788_Geo-Informatics-Ontology_Model_Review_One">https://www.researchgate.net/publication/287396788_Geo-Informatics-Ontology_Model_Review_One</a> | No  | <a href="https://www.researchgate.net/publication/287396788_Geo-Informatics-Ontology_Model_Review_One">https://www.researchgate.net/publication/287396788_Geo-Informatics-Ontology_Model_Review_One</a> |   |
| 13 | 2013 | Sanket S Pawar, Mr. Pramod Jadhav, Sagar Nikam | Active Image Authentication System (AIAS)  | International Journal of Electronics Communication and Computer Engin | 2278-4209 | Volume 4, Issue 5            | <a href="https://www.ijecc.org/">https://www.ijecc.org/</a>   | <a href="https://www.researchgate.net/publication/362517955_Active_Image_Authentication_System_AIAS">https://www.researchgate.net/publication/362517955_Active_Image_Authentication_System_AIAS</a> | No  | <a href="https://www.researchgate.net/publication/362517955_Active_Image_Authentication_System_AIAS">https://www.researchgate.net/publication/362517955_Active_Image_Authentication_System_AIAS</a> |



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|----|--|---------|---|--|-----------|---------------------------------------|---------------|---|-----|---|
|    |  |         |   | Engineering  |           |                                       |               |   |     |   |
| 14 |  | 2018-19 | Study on: Advancement of Smartphone Security by using Iris Scan Detection | International Research Journal of Engineering and Technology (IRJET) | 2395-0056 | Volume: 06<br>Issue: 04<br>  Apr 2019 | www.irjet.net | <a href="https://www.researchgate.net/publication/362517754_Study_on_Advancement_of_Smartphone_Security_by_using_Iris_Scan_Detection">https://www.researchgate.net/publication/362517754_Study_on_Advancement_of_Smartphone_Security_by_using_Iris_Scan_Detection</a> | No. | <a href="https://www.researchgate.net/publication/362517754_Study_on_Advancement_of_Smartphone_Security_by_using_Iris_Scan_Detection">https://www.researchgate.net/publication/362517754_Study_on_Advancement_of_Smartphone_Security_by_using_Iris_Scan_Detection</a> |
|    |  |         |   |  |           |                                       |               |   |     |   |

## 2) National Journals

| Sr. No. | Calendar Year of Publication | Name of the Author(s) | Title of Paper | Name of the Journal | ISSN | Volume & Issue | Weblink / URL to Journal | Weblink / URL to Paper | Is it Scopus Indexed/UGC-CARE listed /WoS Indexed? | Research Gate Link of the Article PDF |
|---------|------------------------------|-----------------------|----------------|---------------------|------|----------------|--------------------------|------------------------|--|---------------------------------------|
|         |                              |                       |                |                     |      |                |                          |                        |  |                                       |
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## 3) International Conference Proceedings

| Sr. No. | Calendar Year of Publication | Name of the Author(s) | Title of Paper / Proceedings | Name of the Conference | ISBN of the Proceedings | Weblink / URL to Conference Proceedings / Paper (if any) |
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|---|------------------|-----------|--|--|---------------------------------|----------|----------|----|--|--|
| 1 | 202121043<br>787 | Published | Sanket S. Pawar, Prajakta D Pawar Yogesh V Kadam | Mathematical balancing of self balancing solar energy Storage system | Prajakta D Pawar Yogesh V Kadam | 27/09/21 | 11/03/22 | NA |  |  |
|---|------------------|-----------|--|--|---------------------------------|----------|----------|----|--|--|

**Prof. Megha A. Patil**

**Research Publications, Books Published and Patents**

1) International Journals

| Sr. No. | Year of Publication | Name of the Author(s)  | Title of Paper                   | Name of the Journal  | ISSN        | Volume & Issue | Weblink / URL to Journal | Weblink / URL to Paper  | Is it Scopus Indexed/ UGC-CARE listed /WoS Indexed? | Research Gate Link of the Article PDF  |
|---------|---------------------|--|----------------------------------|--|-------------|----------------|--------------------------|---|---|--|
| 1.      | 2024                | Ajit R. Patil, Swapnil C. Mane, Megha A. Patil, Neeraj A. Gangurde, Pramod G. Raha te, Jyoti A. Dhanke | Journal of Chemical Health Risks | Artificial Intelligence and Machine Learning Techniques for Diabtes Healthcare: A Review | 2551 - 6727 | 14(2)          |                          | <a href="https://jchr.org/index.php/JCHR/article/view/3575">https://jchr.org/index.php/JCHR/article/view/3575</a> | UGC Care  | <a href="#">(2) (PDF) Artificial Intelligence and Machine Learning Techniques for Diabetes Healthcare: A Review (researchgate.net)</a> |

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|----|------|---|------------------------------------|---|-------------|-------|---|---|----------------|--|
| 2. | 2024 | Nidhi Jain1, Mona Kejariwal2*, Lalana Khot3, Yogesh kadam4, Megha Patil5, Deenanath Jhadhe6, Praveen Sharma | Chelonian Conservation and Biology | COMPUTATIONAL ANALYSIS OF MANGROVE DOMESTICATION: IMPACT ON COASTAL FLORA AND FAUNA IN MUMBAI | 1071 - 8443 | 12(2) | <a href="http://bioone.org">Chelonian Conservation and Biology (bioone.org)</a> | <a href="https://www.acgpublishing.com/index.php/CB/article/view/156/167">https://www.acgpublishing.com/index.php/CB/article/view/156/167</a> | Scopus Indexed | <a href="#">(2) (PDF) COMPUTATIONAL ANALYSIS OF MANGROVE DOMESTICATION: IMPACT ON COASTAL FLORA AND FAUNA IN MUMBAI (researchgate.net)</a> |
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|----|------|--------------------------------|---|--|----------|--------|--|---|----------------|---|
| 3. | 2023 | Megha.Patil@bharatiyaapeth.edu | Journal of Survey in Fisheries Sciences | Using Yolo V7 Development Of Complete Vids Solution Based On Latest Requirements To Provide Highway Traffic And Incident Real Time Info To The Atms Control Room Using Artificial Intelligence | 2368-748 | 10(4S) | <a href="http://sifisheriesciences.com">Journal of Survey in Fisheries Sciences (sifisheriesciences.com)</a> | <a href="#">View of Using Yolo V7 Development Of Complete Vids Solution Based On Latest Requirements To Provide Highway Traffic And Incident Real Time Info To The Atms Control Room Using Artificial Intelligence (sifisheriesciences.com)</a> | Scopus Indexed | <a href="#">(2) (PDF) Using Yolo V7 Development Of Complete Vids Solution Based On Latest Requirements To Provide Highway Traffic And Incident Real Time Info To The Atms Control Room Using Artificial Intelligence (researchgate.net)</a> |
|----|------|--------------------------------|---|--|----------|--------|--|---|----------------|---|

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|----|------|---|----------------------------|---|-------------|-------|---|---|----------------|--|
| 4. | 2023 | Dr. Uday Chandrakant Patkar<br>1 Prof. Megha Patil<br>2 Mr. Aditya Chandhoke<br>3 Mr. Abhijeet Jain<br>4 Ms. Muskan Kumari<br>5 Mr. Namokar Jain<br>6 Dr. Shikha Bhardwaj | European Chemical Bulletin | Design of an ROV to find Dead Bodies Underwater | 2063 - 5346 | 12(5) | <a href="http://www.eurchembull.com">European Chemical Bulletin (eurchembull.com)</a> | <a href="https://www.eurchembull.com/uploads/paper/b161660408744e6610fe9ec96c315821.pdf">https://www.eurchembull.com/uploads/paper/b161660408744e6610fe9ec96c315821.pdf</a> | Scopus Indexed | <a href="#">(2) (PDF) Design of an ROV to find Dead Bodies Underwater (researchgate.net)</a> |
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|    |      | 7 Dr. Uday Shan kar Patil  |  |  |                   |       |  |  |    |   |
| 5. | 2022 | Nikhi l Satis h Sury awa nshi 1, Hars h Shriv asta v2, Prat eek Bajp ai3, Asmi ta Orse 4, Prof. Meg ha Patil | International Journal for Research in Applied Science & Engineering Technology (IJRASET) | Institute Recommendation System Based on online review comments and Machine Learning | ISSN: 2321 - 9653 | 10(3) | <a href="#">International Journal &amp; Research Paper Publisher   IJRASET</a> | <a href="#">Institute Recommendation System Based on Online Review Comments and Machine Learning (ijraset.com)</a> | No | <a href="#">(2) (PDF) Institute Recommendation System Based on Online Review Comments and Machine Learning (researchgate.net)</a> |



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|----|------|--|--|--|--------------------|------|---|----|---|
| 6. | 2022 | Abhishek Hanu mant Patil* 1, Mr. Omkar Sunil Sonawane *2, Mr. Vaibhav Sopan Margaje* 3, Mr. Rushikesh Bramhdev Thombare* 4, Prof. Megha Patil* | International Research Journal of Modernization in Engineering, Technology and Science (IRJMETS) | Risk Prediction Of Cardiovascular Disease Using Logistic Regression Machine Learning Algorithm | eISSN: 2582 - 5208 | 4(1) | <a href="https://www.irjmets.com/">https://www.irjmets.com/</a> | No | <a href="#">(2) (PDF) RISK PREDICTION OF CARDIOVASCULAR DISEASE USING LOGISTIC REGRESSION MACHINE LEARNING ALGORITHM (researchgate.net)</a> |
|    |      |  |  |  |                    |      | <a href="#">fin_irjmets_1641147717.pdf</a>                      |    |   |

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|----|------|---|---|--|-------------|-------|--|---|----|--|
| 7. | 2021 | Prateek Srivastava, Sneha Menon, Bhusan Wani, Utkarsh Shukla, Prof. Megha Patil | Web Application and Database Monitoring System of Automatic Weather Station (AWS) | International Journal for Research in Engineering Application & Management (IJREAM)      | 2454 - 9150 | 7(2)  | <a href="#">IJREAM - Approved By UGC</a>                                       | <a href="#">IJREAMV071027403.pdf</a>                      | No | <a href="#">IJREAMV0710274033.pdf</a>                                |
| 8. | 2021 | Atharv Jangam1, Nikhil Suryawnshi2, Asst. Prof. Megha Adhikrao Patil            | Governance and Ethics of AI   | International Journal for Research in Applied Science & Engineering Technology (IJRASET) | 2321 - 9653 | 9(11) | <a href="#">International Journal &amp; Research Paper Publisher   IJRASET</a> | <a href="#">governance-and-ethics-of-ai (ijraset.com)</a> | No | <a href="#">(PDF) Governance and Ethics of AI (researchgate.net)</a> |

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|-----|------|--|--|---|-------------|-------|---|--|----|---|
|     |      | 3                                      |  |   |             |       |   |  |    |   |
| 9.  | 2014 | Ms. Megha Patil 1,<br>Prof. G.R. Rao 2 | Security in Multi-Cloud Storage with Cooperative Provable Data Possession - IJCSIT       | (IJCSIT) International Journal of Computer Science and Information Technologies | 0935 - 9646 | 5 (6) | <a href="http://ijcsit.com">INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGIES (ijcsit.com)</a> | <a href="http://ijcsit20140506303.pdf">ijcsit20140506303.pdf</a> | No | <a href="http://researchgate.net"> (PDF) Security in Multi-Cloud Storage with Cooperative Provable Data Possession (researchgate.net)</a> |
| 10. | 2014 | Ms. Megha Patil 1,<br>Prof. G.R. Rao 2 | Integrity Verification in Multi-Cloud Storage Using Cooperative Provable Data Possession | (IJCSIT) International Journal of Computer Science and Information Technologies | 0975 - 9646 | 5(2)  | <a href="http://ijcsit.com">INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGIES (ijcsit.com)</a> | <a href="http://ijcsit2014050204.pdf">ijcsit2014050204.pdf</a>   | No | <a href="http://researchgate.net"> (PDF) Security in Multi-Cloud Storage with Cooperative Provable Data Possession (researchgate.net)</a> |

2) National Journals

| Sr. No. | Calendar Year of Publication | Name of the Author(s) | Title of Paper | Name of the Journal | ISSN | Volume & Issue | Weblink / URL to Journal | Weblink / URL to Paper | Is it Scopus Indexed/UGC-CARE listed /WoS Indexed? | Research Gate Link of the Article PDF |
|---------|------------------------------|-----------------------|----------------|---------------------|------|----------------|--------------------------|------------------------|--|---------------------------------------|
|         | Nil                          | Nil                   | Nil            | Nil                 | Nil  | Nil            | Nil                      | Nil                    | Nil  | Nil                                   |

3) International Conference Proceedings

| Sr. No. | Calendar Year of Publication | Name of the Author(s) | Title of Paper / Proceedings | Name of the Conference | ISBN of the Proceedings | Weblink / URL to Conference Proceedings / Paper (if any) |
|---------|------------------------------|-----------------------|------------------------------|------------------------|-------------------------|--|
| 1       | Nil                          | Nil                   | Nil                          | Nil                    | Nil                     | Nil  |

4) National Conference Proceedings

| Sr. No. | Calendar Year of Publication | Name of the Author(s) | Title of Paper / Proceedings | Name of the Conference | ISBN of the Proceedings | Weblink / URL to Conference Proceedings / Paper (if any) |
|---------|------------------------------|-----------------------|------------------------------|------------------------|-------------------------|--|
| 1       | Nil                          | Nil                   | Nil                          | Nil                    | Nil                     | Nil  |

5) Books Published

| Sr. No. | Calendar Year of Publication | Name of the Author(s) | Name of the Book | Publisher | Level (University/National/International/Others) | ISBN of the book |
|---------|------------------------------|-----------------------|------------------|-----------|--|------------------|
| Nil     | Nil                          | Nil                   | Nil              | Nil       | Nil  | Nil              |

6) Patents

| Sr. No. | Patent Application No. | Status of Patent (Published / Granted) | Inventor/s Name | Title of the Patent   | Applicant/s Name   | Patent Filed Date (DD/MM/YYYY) | Patent Published Date / Granted Date (DD/MM/YYYY) | Patent Publication Number / Patent Granted Number | Assignee/s Name (Institute Affiliation/s at time of Application) | Here, attach Source Proof Screenshots/URL/Website Links, etc. |
|---------|------------------------|--|-----------------|-----------------------|--|--------------------------------|---|---|--|---|
| 1       | 20202101902<br>2       | Published                              | Nil             | Smart Electric Switch |  | 05-05-2020                     | 27/05/2022  | 20202101902<br>2                                  | BVCOEL   | -   |
| 2       | 202221050<br>467 A     | Published                              | Nil             | ADVANCED DRONE        | 2) Dr. Rajendrakumar Narayan Patil<br>3) Dr. Jyoti Atul Dhanke<br>4) Megha Adhikrao Patil<br>5) Santosh Parashuram Patange<br>6) Sangram | 04/09/2022                     | 23/09/2022  | 2022210504<br>67 A                                | BVCOEL   | -   |

|   |                |           |     |   |  |            |            |                |        |   |
|---|----------------|-----------|-----|---|--|------------|------------|----------------|--------|---|
|   |                |           |     |   | Chandrakant Patil<br>7) Atish Baburao Mane<br>8) Nilesh Singh<br>9) Avinash Datarkar<br>10) Swapnil Chandrakant Mane<br>11) Prof. Pratima Kadam<br>12) Devdatta Kashinath Mokashi<br>13) Anshuman Lakkad                   |            |            |                |        |   |
| 3 | 202221050470 A | Published | Nil | ECO-FRIENDLY ELECTRICITY GENERATION AND NUMERICAL ANALYSIS VIA GYM EQUIPMENTS | 2) Rajendrakumar Narayan Patil<br>3) Jyoti Atul Dhanke<br>4) Megha Adhikrao Patil<br>5) Ajit Rajaram Patil<br>6) Neeraj Arun Gangurde<br>7) Patil Sunilkumar Rajaram<br>8) Prashant Shivaji Kadam<br>9) Prof. Atul B. Wani | 04/09/2022 | 23/09/2022 | 202221050470 A | BVCOEL | <a href="https://www.researchgate.net/profile/Ajit-Patil-24/research">https://www.researchgate.net/profile/Ajit-Patil-24/research</a> |

**Prof. Prajakta Pawar**

**Research Publications, Books Published and Patents**

1) International Journals

| Sr. No. | Year of Publication | Name of the Author(s)  | Title of Paper  | Name of the Journal  | ISSN      | Volume & Issue        | Weblink / URL to Journal                                      | Weblink / URL to Paper  | Is it Scopus Indexed / UGC-CARE listed / WoS Indexed ? | Research Gate Link of the Article PDF   |
|---------|---------------------|--|---|--|-----------|-----------------------|---|---|--|---|
| 1.      | 2024                | Veena Jadhav, Dr. Prakash Devale, Dr. Rohini B. Jadhav, Ranjeet Vasant Bidwe, Madhavi Mane, Prajakta Pawar | Machine Learning and Just-in-Time Strategies for Effective Bug Tracking in Software Development | International Journal of Intelligent Systems and Applications in Engineering | 2147-6799 | Volume - 12 & Issue-6 | <a href="https://ijisae.org">https://ijisae.org</a>           | <a href="https://ijisae.org/index.php/IJISAE/article/view/4013">https://ijisae.org/index.php/IJISAE/article/view/4013</a>                           | Scopus Indexed   | <a href="https://www.researchgate.net/publication/376642618_Machine_Learning_and_Just-in-Time_Strategies_for_Effective_Bug_Tracking_in_Software_Development">https://www.researchgate.net/publication/376642618_Machine_Learning_and_Just-in-Time_Strategies_for_Effective_Bug_Tracking_in_Software_Development</a> |
| 2.      | 2023                | R.N. Patil, Jyoti Dhanke, Hrishikesh Bhavar, Sifan   | Eco-friendly electricity generation via gym equipments  | European Chemical Bulletin   | 2063-5346 | Volume - 12 & Issue-4 | <a href="https://eurchembull.com">https://eurchembull.com</a> | <a href="https://eurchembull.com/uploads/paper/file/4b4d390fae903bc8c31fa2a">https://eurchembull.com/uploads/paper/file/4b4d390fae903bc8c31fa2a</a> | Scopus Indexed   | <a href="https://www.researchgate.net/publication/371417446_EC-O-">https://www.researchgate.net/publication/371417446_EC-O-</a>   |

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|  |  |  |  |  |  |  |  | <a href="#">C<br/>32e842.pdf</a> |  |  |
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|----|------|---|--|---------------------------------------|-----------|-----------------------------|---|--|-----------------------|---|
|    |      | Momin ,<br>Harshal<br>Patil ,<br>Akshay<br>Redekar<br>, Avinash<br>Dadge ,<br>Narayan<br>Phadatar<br>e<br>,<br>Prajakta<br>Pawar                |  |                                       |           |                             |   |  |                       | <a href="#">FRIENDLY<br/>E<br/>LECTRICIT<br/>Y<br/>_GENERA<br/>TI<br/>ON VIA<br/>GY<br/>M EQUIP<br/>M ENTS</a>  |
| 3. | 2023 | Prof.<br>Prajakt<br>a<br>Pawar,<br>Prof.<br>Yogesh<br>Kadam,<br>Tushar<br>Rokade,<br>Saurabh<br>Bhalera<br>o, Adnan<br>Khan,<br>Nikhil<br>Kumar | Collaborativ<br>e<br>Application<br>Developme<br>nt Tool                             | Europea<br>n<br>Chemica<br>l Bulletin | 2063-5346 | Volume<br>- 12 &<br>Issue-6 | <a href="https://eurchembull.com">https://<br/>eurche<br/>mbull.c<br/>o m</a> | <a href="https://eurchembull.com/uploads/paper/3c54d1b1fa7aac548fdcaae08130505d7.pdf">https://eurche<br/>mbull.com/upl<br/>oads/paper/3<br/>c54d1b1fa7aa<br/>c548fdcaae081<br/>30505d7.pdf</a> | Scopus<br>Indexe<br>d | <a href="https://www.researchgate.net/publication/371486833_Collaborative_Application_Development_Tool">https://ww<br/>w.researchg<br/>ate.net/pub<br/>lication/371<br/>486833 Co<br/>llaborative<br/>Application<br/>_Develop<br/>m<br/>ent_Tool</a>                                   |
| 4. | 2022 | Prof.<br>Prajakt<br>a<br>Pawar,<br>Miss.<br>Madhur<br>a Naik,<br>Miss.<br>Manali<br>Choudhari<br>,  | Methods and<br>Applications<br>of Deep<br>Learning for<br>Smart<br>Manufacturin<br>g | GIS<br>Science<br>Journal             | 1869-9391 | Volume-<br>9 &<br>Issue-5   | <a href="https://gisscience.net">https://<br/>gisscie<br/>n<br/>ce.net</a>    | <a href="http://www.gisscience.net/VOLUME-9-ISSUE-5-2022/">http://www.gi<br/>sscience.net/<br/>V OLUME-9-<br/>ISSUE-5-<br/>2022/</a>   | -                     | <a href="https://www.researchgate.net/publication/362520050_Methods_and_Applications_of_Deep_Learning_for_Smart">https://ww<br/>w.researchg<br/>ate.net/pub<br/>lication/362<br/>520050 M<br/>ethods and<br/>_Applicati<br/>o<br/>ns of De<br/>e<br/>p Learnin<br/>g<br/>_for Smart</a> |

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|----|------|--|--|---|-----------|--------------------|---|---|---|---|
|    |      | Miss Shravani Tonge, Mr. Prashant Adhav  |  |   |           |                    |   |   |   | <a href="#">Manufacturing</a>   |
| 5. | 2022 | Prof. Prajanta Pawar, Ms. Madhura Naik, Ms. Manali Choudhari, Ms. Shravani Tonge, Mr. Prashant Adhav | Analysis of Cloud Storage                              | International journal of research and analytical reviews (IJRA)                       | 2348-1269 | Volume-9 & Issue-2 | <a href="https://www.ijrar.org">https://www.ijrar.org</a>     | <a href="https://www.ijrar.org/papers/IJRAR22B2748.pdf">https://www.ijrar.org/papers/IJRAR22B2748.pdf</a>   | - | <a href="https://www.researchgate.net/publication/362525608_Analysis_of_Cloud_Storage">https://www.researchgate.net/publication/362525608_Analysis_of_Cloud_Storage</a>   |
| 6. | 2022 | Prashant Adhav, Madhura Naik, Shravani Tonge, Manali Choudhari, Prof. Prajanta Pawar                 | Object detection based on convolutional neural network | International Research Journal of Modernization in Engineering Technology and Science | 2582-5208 | Volume-4 & Issue-5 | <a href="https://www.irjmets.com">https://www.irjmets.com</a> | <a href="https://www.irjmets.com/uploadedfiles/paper/issue_5_may_2022/23366/final/final_irjmets1653539973.pdf">https://www.irjmets.com/uploadedfiles/paper/issue_5_may_2022/23366/final/final_irjmets1653539973.pdf</a> | - | <a href="https://www.researchgate.net/publication/362527111_OBJECT_DETECTION_BASED_ON_CONVOLUTIONAL_NEURAL_NETWORK">https://www.researchgate.net/publication/362527111_OBJECT_DETECTION_BASED_ON_CONVOLUTIONAL_NEURAL_NETWORK</a> |

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|----|------|--|---|---------------------|-----------|--------------------|---|---|---|---|
| 7. | 2021 | Bishal Pal, Prof. Prajanta Pawar               | RFID Technology for Livestock Identification and Management | GIS Science Journal | 1869-9391 | Volume-8 & Issue-7 | <a href="https://gisscience.net">https://gisscience.net</a> | <a href="http://gisscience.net/VOLUME-8-ISSUE-7-2021/">http://gisscience.net/VOLUME-8-ISSUE-7-2021/</a> | - | <a href="https://www.researchgate.net/publication/362519887_RFID_TECHNOLOGY_FOR_LIVESTOCK_IDENTIFICATION_AND_MANAGEMENT">https://www.researchgate.net/publication/362519887_RFID_TECHNOLOGY_FOR_LIVESTOCK_IDENTIFICATION_AND_MANAGEMENT</a> |
| 8. | 2021 | Mr. Shubham Suresh Pisal, Prof. Prajakta Pawar | A Research Paper On 3d Searching                            | GIS Science Journal | 1869-9391 | Volume-8 & Issue-1 | <a href="https://gisscience.net">https://gisscience.net</a> | <a href="http://gisscience.net/VOLUME-8-ISSUE-8-2021/">http://gisscience.net/VOLUME-8-ISSUE-8-2021/</a> | - | <a href="https://www.researchgate.net/publication/362519896_A_RESEARCH_PAPER_ON_3D_SEARCHING">https://www.researchgate.net/publication/362519896_A_RESEARCH_PAPER_ON_3D_SEARCHING</a>   |

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|-----|------|--|---|--|-------------------------------------|--------------------|---|---|---|---|
| 9.  | 2020 | Adesh Potdukhe, Prajwal Tendulkar, Prof. Prajakt Pawar | Segmentation in digital signal processing | International Research Journal of Engineering and Technology (IRJET) | e-ISSN: 2395-0056, p-ISSN:2395-0072 | Volume-7 & Issue-1 | <a href="https://www.irjet.net">https://www.irjet.net</a>           | <a href="https://www.irjet.net/archives/V7/i1/IRJET-V7I1204.pdf">https://www.irjet.net/archives/V7/i1/IRJET-V7I1204.pdf</a> | - | <a href="https://www.researchgate.net/publication/362519871_Segmentation_in_Digital_Signal_Processing">https://www.researchgate.net/publication/362519871_Segmentation_in_Digital_Signal_Processing</a> |
| 10. | 2020 | Adesh Potdukhe,  | Drywell detection using sound             | GIS Science Journal  | 1869-9391                           | Volume-7 & Issue-5 | <a href="https://www.gisscience.net">https://www.gisscience.net</a> | <a href="https://www.gisscience.net/volume7issue5">https://www.gisscience.net/volume7issue5</a>                             | - | <a href="https://www.researchgate.net">https://www.researchgate.net</a>   |

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|-----|------|---|---|--|-----------|---------------------|---|---|---|---|
|     |      | Prajwal Tendulkar, Shreshthi Singh Parihar , Prof. Prajakta Pawar | waves   |  |           |                     | <a href="http://ce.net">ce.net</a>                  | <a href="http://ce.net/e-7-issue-5-2020/">e-7-issue-5-2020/</a>   |   | <a href="http://ate.net/publication/362519802_DRY-WELL_DETECTION_USING_SOUND_WAVES">ate.net/publication/362519802_DRY-WELL_DETECTION_USING_SOUND_WAVES</a>  |
| 11. | 2014 | Prajakta Pawar, S.S.Dhotre, Suhas Patil                           | CFS for Addressing CPU Resources in Multi-Core Processors with AA Tree      | IJCSIT (International Journal of Scientific Engineering and Technology Research) | 0975-9646 | Volume-5 & Issue-1  | <a href="https://ijcsit.com">https://ijcsit.com</a> | <a href="http://ijcsit.com/docs/Volume%205/volume%205/volume01/ijcsit20140501197.pdf">http://ijcsit.com/docs/Volume%205/volume%205/volume01/ijcsit20140501197.pdf</a> | - | <a href="https://www.researchgate.net/publication/362518480_CFS_for_Addressing_CPU_Resources_in_Multi-Core_Processors_with_AA_Tree">https://www.researchgate.net/publication/362518480_CFS_for_Addressing_CPU_Resources_in_Multi-Core_Processors_with_AA_Tree</a>           |
| 12. | 2014 | Prajakta Pawar, S.S.Dhotre, Suhas Patil                           | Illustration of Completely Fair Scheduler for Task scheduling using AA Tree | IJSETR (International Journal of Scientific Engineering and Technology Research) | 2319-8885 | Volume-3 & Issue-44 | <a href="https://ijsetr.com">https://ijsetr.com</a> | <a href="http://ijsetr.com/uploads/532164IJSETR35_23-518.pdf">http://ijsetr.com/uploads/532164IJSETR35_23-518.pdf</a>   | - | <a href="https://www.researchgate.net/publication/362528406_Illustration_of_Completely_Fair_Scheduler_for_Task_scheduling_using_AA_Tree">https://www.researchgate.net/publication/362528406_Illustration_of_Completely_Fair_Scheduler_for_Task_scheduling_using_AA_Tree</a> |

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1) National Journals NIL

| Sr. No. | Calendar Year of Publication | Name of the Author(s) | Title of Paper | Name of the Journal | ISSN | Volume & Issue | Weblink / URL to Journal | Weblink / URL to Paper | Is it Scopus Indexed/UG C- CARE listed /WoS Indexed? | Research Gate Link of the Article PDF |
|---------|------------------------------|-----------------------|----------------|---------------------|------|----------------|--------------------------|------------------------|--|---------------------------------------|
| NIL     |                              |                       |                |                     |      |                |                          |                        |  |                                       |

1) International Conference Proceedings NIL

| Sr. No. | Calendar Year of Publication | Name of the Author(s) | Title of Paper / Proceedings | Name of the Conference | ISBN of the Proceedings | Weblink / URL to Conference Proceedings / Paper (if any) |
|---------|------------------------------|-----------------------|------------------------------|------------------------|-------------------------|--|
| NIL     |                              |                       |                              |                        |                         |  |

2) National Conference Proceedings NIL

| Sr. No. | Calendar Year of Publication | Name of the Author(s) | Title of Paper / Proceedings | Name of the Conference | ISBN of the Proceedings | Weblink / URL to Conference Proceedings / Paper (if any) |
|---------|------------------------------|-----------------------|------------------------------|------------------------|-------------------------|--|
| NIL     |                              |                       |                              |                        |                         |  |

3) Books Published NIL

| Sr. No. | Calendar Year of Publication | Name of the Author(s) | Name of the Book | Publisher | Level (University/National/International/Others) | ISBN of the book |
|---------|------------------------------|-----------------------|------------------|-----------|--|------------------|
| NIL     |                              |                       |                  |           |  |                  |

4) Patents

| Sr. No. | Patent Application No. | Status of Patent (Published / Granted) | Inventor/s Name   | Title of the Patent  | Applicant/s Name   | Patent Filed Date (DD/MM/YYYY) | Patent Published Date / Granted Date (DD/MM/YYYY) | Patent Publication Number / Patent Granted Number | Assignee/s Name (Institute Affiliation/s at time of Application)  | Here, attach Source Proof Screenshots/ URL/ Website Links, etc.   |
|---------|------------------------|--|---|--|--|--------------------------------|---|---|---|---|
| 1.      | 202421003824           | Filed                                  | Prof. Namrata Pravinkumar Khope, Prof. Neeraj Arun Gangurde, Prof. Prajakta Pawar, Om Anil Bhamare, Prajakta Banyabapu Gawade, Maya Mahadev Kadam, Madhushree Narendra Warke, Shravani Yuvraj Mazire, Chinmayee | Quantity Detector, Wireless Gas Leakage Sensor and Predefined Triggers Message for Customer. | Dr. R. S. Chandok, Dr. Shikha BhardwajShrivass, Dr. Uday ChandrakantPatkar, Dr. Uday Shankar Patil, Dr. Neha Shahare, Dr. Pradeep Prabhakar Atre, Prof. Sangram Chandrakant Patil, Prof. Aishwarya Pathak, Prof. Prashant Shivaji Kadam, Prof. Bhairavi Sanjay Pawar | 19/1/2024                      | NA  | NA  | Bharati Vidyapeeth 's College of Engineering, Lavale Pune 412115. | <a href="https://www.researchgate.net/publication/380734057-Quantity-Detector-Wireless-Gas-Leakage-Sensor-and-Predefined-Triggers-Message-for-Customer">https://www.researchgate.net/publication/380734057-Quantity-Detector-Wireless-Gas-Leakage-Sensor-and-Predefined-Triggers-Message-for-Customer</a> |



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|----|--------------|-----------|--|---|--|-----------|-----------|--------------|--|---|
|    |              |           | Praveen Muley  |   |  |           |           |              |  |   |
| 2. | 202221035972 | Published | Rajendrakumar Narayan Patil, Jyoti Atul Dhanke, Patil Sunilkumar Rajaram, Dr. Sonali Kadam, Mr. Yogesh Vasant Kadam, Swapnil Chandrakant Mane, Mr. Prashant Shivaji Kadam, Atish Mane, Nilesh Narendra Raut, Prajakta Dagadu Pawar, Parinita Jagannathrao Chate, Saurabh Babasaheb | Mobile phone battery charge with integrated interface | Bharati Vidyapeeth's College of Engineering, Lavale Maharashtra, India, Pin code: 412115. Pune, Rajendrakumar Narayan Patil, Jyoti Atul Dhanke, Patil Sunilkumar Rajaram, Dr. Sonali Kadam, Mr. Yogesh Vasant Kadam, Swapnil Chandrakant Mane, Mr. Prashant Shivaji Kadam, Atish Mane, Nilesh Narendra Raut, Prajakta Dagadu Pawar, Parinita Jagannathrao Chate, Saurabh | 22/6/2022 | 15/7/2022 | 202221035972 | Bharati Vidyapeeth's College of Engineering, Lavale Pune 412115. | <a href="https://www.researchgate.net/publication/380733808_Mobile_phone_battery_charge_with_integrated_interface">https://www.researchgate.net/publication/380733808_Mobile_phone_battery_charge_with_integrated_interface</a> |

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|    |              |           | Gaikwad  |  | Babasaheb Gaikwad  |            |            |              |   |   |
| 3. | 202121043787 | published | Prajakta Dagadu Pawar, Yogesh Vasant Kadam, Prof. Atul B. Wani, Kumkum Bala, Prof. Pramod Pandurang Salunkhe, Prof. Sanket Sunil Pawar, Ajit Rajaram Patil, Swati Anil Shegane, Laxmipriya Pudage, Jyoti Atul Dhanke | Mathematical Modelling of Self Balancing Solar Energy Storage System | Prajakta Dagadu Pawar, Yogesh Vasant Kadam, Prof. Atul B. Wani, Kumkum Bala, Prof. Pramod Pandurang Salunkhe, Prof. Sanket Sunil Pawar, Ajit Rajaram Patil, Swati Anil Shegane, Laxmipriya Pudage, Jyoti Atul Dhanke | 27/09/2021 | 11/03/2022 | 202121043787 | Bharati Vidyapeeth 's College of Engineering, Lavale Pune 412115. | <a href="https://www.researchgate.net/publication/380734028/Mathematical_Modelling_of_Self_Balancing_Solar_Energy_Storage_System">https://www.researchgate.net/publication/380734028/Mathematical_Modelling_of_Self_Balancing_Solar_Energy_Storage_System</a> |
| 4. | 202021018428 | published | Mr.U.C.Patkar, Shravani Tonge, Huzaiif Umarsharif Mujawar, Shaheen Mulla, Gauri Kolekar, U.S.Patil,  | IWC - Cooker: Intelligent Cooker Whistle Counter                     | Mr.U.C.Patkar, Shravani Tonge, Huzaiif Umarsharif Mujawar, Shaheen Mulla, Gauri Kolekar, Mr.U.S.Patil, Parinita Chate, Shubham   | 30/4/2020  | 12/06/2020 | 202021018428 | Bharati Vidyapeeth 's College of Engineering, Lavale Pune 412115. | <a href="https://www.researchgate.net/publication/380733786_Patent_Application_No_202021018428_IWC">https://www.researchgate.net/publication/380733786_Patent_Application_No_202021018428_IWC</a>   |

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|----|--------------|-----------|---|--|---|------------|----------|--------------|---|---|
|    |              |           | Parinita J.Chate, Shubham Songire, Prajakta Pawar, Bhausaheb. S. Salunke, Shubham Songire |  | Songire, Prajakta Pawar, Bhausaheb.S. Sal unke, Shubham Songire |            |          |              |   | <a href="#">igent Cooker Whistle Counter</a>  |
| 5. | 202021048935 | published | Dr.R.N.Patil , Dr.Nidhi Jain, Prajakta Pawar, Yogesh Kadam                                | IFMC-Voltage Converter: Intelligent and Frequency to Voltage Converter for Mobile Charging | Dr.R.N.Patil, Dr.Nidhi Jain, Prajakta Pawar, Yogesh Kadam       | 11/10/2020 | 1/1/2021 | 202021048935 | Bharati Vidyapeeth 's College of Engineering, Lavale Pune 412115. | <a href="https://www.researchgate.net/publication/380733882">https://www.researchgate.net/publication/380733882</a><br><a href="#">_I FMC-Voltage ConverterIntelligent and Frequency to Voltage Converter for Mobile Charging Patent Application No202021048935</a> |

## Research Publications, Books Published and Patents

Prof. Bhairavi Pawar

### 1) International Journals

| Sr. N o. | Year of Publication | Name of the Author (s) | Title of Paper                                | Name of the Journal | ISSN      | Volume & Issue | Weblink / URL to Journal | Weblink / URL to Paper  | Is it Scopus Indexed/UGC-CARE listed /WoS Indexed? | Research Gate Link of the Article PDF |
|----------|---------------------|------------------------|---|---------------------|-----------|----------------|--------------------------|---|--|---------------------------------------|
| 1        | 2023                | Bhairavi Pawar         | Food Image Classification using Deep Learning | IJECS               | 2226-8901 |                |                          | <a href="https://www.ijecs.in/index.php/ijecs/article/download/3046/2903/">https://www.ijecs.in/index.php/ijecs/article/download/3046/2903/</a> | UGC  |                                       |
| 2        | 2022                | Bhairavi Pawar         | Food Image Classification using Deep Learning | IRJET               | 2395-0056 |                |                          | <a href="https://www.irjet.net/archives/V4/i11/IRJET-V4i110954.pdf">https://www.irjet.net/archives/V4/i11/IRJET-V4i110954.pdf</a>               | UGC  |                                       |
| 3        | 2018                | Bhairavi Pawar         | 2D Trial Room using Augmented Reality         | IJSRSET             | 2620-083Z | 4,12           |                          | <a href="http://ijsrset.com/IJSRSET16223067">http://ijsrset.com/IJSRSET16223067</a>   | UGC  | -                                     |

2) National Journals

| Sr. No. | Calendar Year of Publication | Name of the Author(s) | Title of Paper | Name of the Journal | ISSN | Volume & Issue | Weblink / URL to Journal | Weblink / URL to Paper | Is it Scopus Indexed/UGC-CARE listed /WoS Indexed? | Research Gate Link of the Article PDF |
|---------|------------------------------|-----------------------|----------------|---------------------|------|----------------|--------------------------|------------------------|--|---------------------------------------|
| 1       | 2017-18                      | NIL                   |                |                     |      |                |                          |                        |  |                                       |
| 2       | 2021-22                      |                       |                |                     |      |                |                          |                        |  |                                       |
| 3       | 2021-22                      |                       |                |                     |      |                |                          |                        |  |                                       |

3) International Conference Proceedings

| Sr. No. | Calendar Year of Publication | Name of the Author(s) | Title of Paper / Proceedings | Name of the Conference | ISBN of the Proceedings | Weblink / URL to Conference Proceedings / Paper (if any) |
|---------|------------------------------|-----------------------|------------------------------|------------------------|-------------------------|--|
|         | NIL                          |                       |                              |                        |                         |  |
|         |                              |                       |                              |                        |                         |  |
|         |                              |                       |                              |                        |                         |  |

4) National Conference Proceedings

| Sr. No. | Calendar Year of Publication | Name of the Author(s) | Title of Paper / Proceedings | Name of the Conference | ISBN of the Proceedings | Weblink / URL to Conference Proceedings / Paper (if any) |
|---------|------------------------------|-----------------------|------------------------------|------------------------|-------------------------|--|
|         | NIL                          |                       |                              |                        |                         |  |
|         |                              |                       |                              |                        |                         |  |
|         |                              |                       |                              |                        |                         |  |

5) Books Published

| Sr. No. | Calendar Year of Publication | Name of the Author(s) | Name of the Book | Publisher | Level (University/National/International/Others) | ISBN of the book |
|---------|------------------------------|-----------------------|------------------|-----------|--|------------------|
|         | NIL                          |                       |                  |           |  |                  |
|         |                              |                       |                  |           |  |                  |
|         |                              |                       |                  |           |  |                  |

6) Patents

| Sr. No. | Patent Application No. | Status of Patent (Published / Granted) | Inventor/s Name   | Title of the Patent  | Applicant/s Name     | Patent Filed Date (DD/MM/YY YY) | Patent Published Date / Granted Date (DD/MM/YY YY) | Patent Publication Number / Patent Granted Number | Assignee/s Name (Institute Affiliation/s at time of Application) | Here, attach Source Proof Screenshots/ URL/ Website Links, etc.   |
|---------|------------------------|--|-------------------|--|----------------------|---------------------------------|--|---|--|---|
| 1       | 202421003824           | Published                              | Dr. R. S. Chandok | Quantity detector, wireless gas leakage sensor and predefined triggers message for customer. | Prof. Bhairavi Pawar | 19/01/2024                      | 09/02/2024   |   | BVCOEL, Pune   | <a href="https://iprsrch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus">https://iprsrch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus</a> |

