





NUTAN MAHARASHTRA INSTITUTE OF ENGINEERING & TECHNOLOGY, PUNE

RESEARCH AND
DEVELOPMENT
(R&D)



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# PCET'S and NMVPM's Nutan Maharashtra Institute of Engineering and Technology

#### About NMVPM

Nutan Maharashtra Vidya Prasarak Mandal is a highly respected education society in Maharashtra and is credited with starting national education schools in the Maval Region of Pune district over 100 years ago. The great freedom fighter Lokmanya Bal Gangadhar Tilak was the founder member of the Mandal and was the Chairman of its Governing Body for almost 12 years. The late Hon. Vishnu G. Vijapurkar was the first Secretary of "Samarth Vidyalaya" – the first national school started by the Mandal. He was imprisoned by the British authorities for his so called anti British activities. Vishnu Ganesh Pingle was a Vibrant Student of Samarth Vidyalaya. He became a leader of the Gaddar Party of Lala Hardayal and was hanged by the British for his revolutionary activates when he was barely 26. The Mandal and its schools has such rich heritage.

During the first 80 years, the Mandal established good Primary and Secondary Schools in the Maval region with the sole intention of providing education to the youth of relatively backward area of the Pune District. In 1998, it established a Polytechnic College and during the last decade, over 1000 students received quality technical education in the Maval region. The Society (Mandal) has thus helped the nearby community in raising its economic and education standard. The progressive, dynamic and dedicated management of the Nutan Maharashtra Vidya Prasarak Mandal has decided to start a four year degree engineering college from academic year 2008-2009.

#### **About NMIET**

NMIET (Nutan Maharashtra Institute of Engineering and Technology) was founded in 2008. NMIET stands committed to provide quality technical education to its students."Nutan Maharashtra Institute of Engineering & Technology (NMIET)" is approved by All India Council for Technical Education (AICTE), New Delhi and Director of Technical Education (DTE), Government of Maharashtra. It is affiliated to Pune University. It is a part of Pune's Savitribai Phule Pune University (SPPU). There are four undergraduate courses offered by the institute. Computer Engineering, Information Technology, Mechanical Engineering, Electronics, and Telecommunication Engineering are some of the undergraduate courses available.

#### Vision of Institute

To be a notable institution for providing quality technical education and ensuring ethical, moral and holistic development of students.

#### Mission of Institute

To nurture engineering graduates with state of the art competence, professionalism and problem solving skills to serve needs of industry as well as society.

## Vision Research and Development

To be recognized as a creative and innovative department.

## Mission Research and Development

Strengthening research culture thorough quality research publications and IPR on latest technology.

## Objectives Research and Development

- To promote research in newly emerging and challenging frontier areas of Engineering & Technology.
- To encourages the students and faculties to undertake the research in emerging areas including multidisciplinary fields.
- To create awareness and improve number of Patents & IPR.
- To enhance the research output of the institute by publishing research paper in referred journals and reputed conferences.
- To organize various workshops/ seminar/ trainings related to promotion of research.

## About the Research and Development Department

The Research and Development (R&D) Department at Nutan Maharashtra Institute of Engineering and Technology (NMIET) stands as a proud emblem of innovation and technological progress within the institution. At the core of NMIET's commitment to expanding the horizons of knowledge and fostering a culture of creativity, the R&D Department serves as a linchpin, propelling academic excellence and making substantial contributions to the broader scientific and engineering realm.

The R&D Department at NMIET boasts cutting-edge facilities and is staffed by an energetic cadre of researchers, scholars, and seasoned faculty members. Its central mission is to cultivate a research environment that nurtures curiosity, exploration, and collaborative learning. Through the pursuit of pioneering research, the department endeavors to address real-world challenges, effectively bridging the gap between theoretical insights and practical applications.

In its relentless quest for distinction, the R&D Department concentrates on a multitude of interdisciplinary research domains spanning engineering, technology, and the allied sciences. This expansive scope ensures that the outcomes of their research endeavors possess extensive implications and offer potential contributions to diverse industries and societal concerns.

Moreover, the R&D Department is a strong advocate for the active engagement of both faculty and students in research undertakings. It opens avenues for students to participate in hands-on research projects, thereby fostering a culture of innovation from the undergraduate level onwards. This approach not only hones the technical acumen of students but also instills a problem-solving mentality that transcends the boundaries of traditional classroom learning.

Collaboration stands as a cornerstone of the R&D Department's ethos. It actively seeks partnerships with industries, research institutions, and fellow academic entities to facilitate the exchange of knowledge and amplify its impact. By forging robust alliances, NMIET's R&D Department harnesses external expertise and resources, thereby enriching the quality and breadth of its research pursuits.

In summation, the Research and Development Department at Nutan Maharashtra Institute of Engineering and Technology stands as a symbol of intellectual inquisitiveness, innovation, and transformative research. With its emphasis on groundbreaking projects, student involvement, and collaborative initiatives, the department continues to make an enduring impression on the academic and technological landscape, making substantial contributions to the advancement of both society and industry.

#### From the President's Desk:



Dear Esteemed Members of the NMVPM Family,

I am delighted to address you through the pages of Research & Development, the remarkable Research and Development magazine of the Nutan Maharashtra Institute of Engineering and Technology (NMIET) Talegaon. This publication stands as a testament to our unwavering commitment to advancing the frontiers of knowledge, innovation, and research.

In today's fast-paced world, the pursuit of knowledge and innovation is more critical than ever before. Research and Development (R&D) not only drive technological advancements but also serve as the bedrock of progress in society. Research & Development, our R&D magazine, exemplifies our dedication to fostering a culture of inquiry, discovery, and collaboration within NMIET.

Within these pages, you will find a compendium of valuable insights, groundbreaking discoveries, and the impressive achievements of our students, faculty members, and researchers. This magazine encapsulates the essence of NMIET's research ecosystem and underscores our commitment to pushing the boundaries of engineering and technology.

Our researchers have been working diligently on projects that have the potential to shape industries, enhance human lives, and address pressing global challenges. From the seeds of innovation to the fruition of transformative ideas, each article in Research & Development reflects the diligence, expertise, and passion of the NMIET community.

I extend my heartfelt appreciation to our faculty members, students, and researchers who have contributed their time, energy, and expertise to this publication. Your dedication to advancing knowledge and pioneering solutions is commendable, and it is your collective efforts that elevate NMIET to be a renowned hub of academic excellence.

Thank you for your steadfast support of NMIET's mission to nurture intellectual growth, facilitate research excellence, and prepare the leaders of tomorrow. Together, we shall continue to achieve new heights and make a meaningful impact on the world through our collective dedication to education, research, and development.

Warm regards,

Hon. Shri. Sanjay (Bala) Vishwanath Bhegade Ex Minister (Maharashtra Govt.), President, Nutan Maharashtra Vidya Prasarak Mandal (NMVPM).

#### From the Director's Desk:



Dear Esteemed Members of the NMIET Family,

It is with great enthusiasm and pride that I address you through the pages of Research & Development, our cherished Research and Development magazine. As the Director of Nutan Maharashtra Institute of Engineering and Technology (NMIET), it is my privilege to introduce this platform that encapsulates the spirit of inquiry and innovation that defines our institution.

R&D stands as a beacon of inspiration, representing the collective dedication and unwavering commitment of our faculty, students, and researchers to the pursuit of knowledge and excellence. In today's fast-paced world, the importance of research and development cannot be overstated, and this magazine is a testament to our institution's leadership in this arena.

Within these pages, you will discover a treasure trove of ideas, discoveries, and projects that epitomize NMIET's commitment to pushing the boundaries of knowledge in the fields of engineering and technology. From pioneering innovations to transformative solutions for real-world challenges, each article in Research & Development reflects the passion, expertise, and dedication of our NMIET community.

At NMIET, we understand that our journey doesn't end with the publication of Research & Development—it is an ongoing endeavor to nurture intellectual growth, foster innovation, and prepare our students to become leaders in their respective fields. I have no doubt that our institution will continue to scale new heights in research and development, further cementing our reputation as a center of academic excellence.

I extend my sincere appreciation to the entire NMIET community for your unwavering support and dedication to our institution's mission. Together, we will continue to make meaningful contributions to the world through education, research, and innovation.

Thank you for being a part of our journey. Let us embrace the boundless opportunities that research and development present, for it is through our collective efforts that we will create a brighter and more promising future.

Warm regards,

Dr. Girish Desai, Director,

Nutan Maharashtra Institute of Engineering and Technology

# From the Principal's Desk:



Dear Students, Faculty, and Researchers,

It gives me immense pleasure to extend my warm greetings to all of you through the pages of Research & Development, our esteemed Research and Development magazine. As the Principal of Nutan Maharashtra Institute of Engineering and Technology (NMIET), it fills me with pride to introduce this platform dedicated to showcasing the intellectual prowess and innovation that define our institution.

Research & Development is a testament to our relentless pursuit of knowledge and our unwavering commitment to research and development. It stands as a beacon of inspiration for the entire NMIET family, serving as a testament to our collective dedication to excellence.

In today's rapidly evolving world, research and development are the driving forces behind progress and innovation. They are the engines that power advancements in engineering and technology, shaping the future of industries and societies alike. Through Research & Development, we have the opportunity to celebrate and share the outstanding contributions of our faculty, students, and researchers in this dynamic field.

In the pages of this magazine, you will discover a treasure trove of insights, discoveries, and projects that underscore our institution's commitment to pushing the boundaries of knowledge. From groundbreaking technologies to innovative solutions for real-world challenges, each article in Research & Development reflects the dedication, passion, and expertise of our NMIET community.

I would like to express my deep appreciation to our talented faculty members, diligent students, and passionate researchers who have contributed to Research & Development's success. Your hard work and commitment to advancing research in diverse areas of engineering and technology are truly commendable, and they play a pivotal role in shaping our institution's identity.

I am confident that NMIET will continue to scale new heights in the realm of research and development. Through our unwavering dedication to education and innovation, we have the power to shape a brighter future for ourselves and for the world at large.

Dr. Vilas Deotare,

Principal, NMIET

#### From the R&D Dean's Desk:



Dear Colleagues, Researchers, and Innovators,

I am thrilled to address you through the pages of Research & Development, our cherished Research and Development magazine. As the R&D Coordinator of Nutan Maharashtra Institute of Engineering and Technology (NMIET), I am honored to introduce this platform that serves as a testament to our institution's dedication to research, innovation, and academic excellence.

Research & Development embodies the spirit of curiosity and discovery that drives our institution's research endeavors. In today's rapidly evolving world, research and development are at the forefront of technological advancements and societal progress. This magazine is a celebration of our collective commitment to pushing the boundaries of knowledge.

Within the pages of Research & Development, you will find a wealth of insights, discoveries, and projects that exemplify NMIET's commitment to excellence in engineering and technology. From groundbreaking research to innovative solutions addressing real-world challenges, each article in Research & Development reflects the passion, expertise, and dedication of our NMIET community.

I want to extend my heartfelt gratitude to our dedicated R&D Coordinators, esteemed faculty members, dedicated students, and passionate researchers who have contributed to the success of Research & Development. Your tireless efforts in advancing the frontiers of knowledge are truly commendable and are the driving force behind our institution's continued growth and impact.

I extend my sincere appreciation to the entire NMIET community for your dedication and support. Together, we will continue to make meaningful contributions to the world through education, research, and innovation. Let Research & Development serve as a testament to our commitment to excellence and our unwavering pursuit of knowledge.

Thank you for your invaluable contributions to our research and development endeavors. Together, we will continue to explore new horizons and pave the way for a brighter and more innovative future.

Warm regards,

Prof. Pritam Ahire

R&D Dean, NMIET.

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1	8552/2024-CO/L	ADAPTIVE METHODOLOGY FOR SINGLE SENTENCE WORD SENSE DISAMBIGUATION	2024
2	8554/2024-CO/L	LITERARY/ DRAMATIC WORK PROPOSED ADAPTIVE LEXICAL RESOURCES FOR THE PROCESS F WORD SENSE DISAMBIGUATION	2024
3	8565/2024-CO/L	METHODOLOGY FOR WORD EMBEDDING	2024
4	8552/2024-CO/L	ADAPTIVE METHODOLOGY FOR SINGLE SENTENCE WORD SENSE DISAMBIGUATION	2024
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131         17292/2023-CO/L         Safety Earbuds for Driver         2023           132         17106/2023-CO/L         HIGH VISCOSITY FLUID EXTRACTING METHOD         2023           133         17107/2023-CO/L         E-COMMERCE WEBSITE         2023           134         17294/2023-CO/L         Solar Panel Sensor         2023           135         17109/2023-CO/L         AUTOMATIC PLANT IRRIGATION SYSTEM         2023           136         17112/2023-CO/L         Solar Battery Mobile Charger         2023           137         17115/2023-CO/L         RF Remote Control Robot         2023           138         17119/2023-CO/L         Intelligence Street Light System (IRSS)         2023           140         17114/2023-CO/L         Intrusion alarm system         2023           141         17841/2023-CO/L         Alum Based Rotary Water Purification         2023           142         17124/2023-CO/L         Solar Powered Umbrella for Workers         2023           144         17127/2023-CO/L         Safety Gadget for Girls Child         2023           144         17128/2023-CO/L         Safety Gadget for Girls Child         2023           145         17128/2023-CO/L         Global Parking Solution         2023           146         17129/2023-CO/L	129	17098/2023-CO/L	Automatic Indicator for Two wheeler	2023
132         17106/2023-CO/L         HIGH VISCOSITY FLUID EXTRACTING METHOD         2023           133         17107/2023-CO/L         E-COMMERCE WEBSITE         2023           134         17294/2023-CO/L         Solar Panel Sensor         2023           135         17109/2023-CO/L         Solar Panel Sensor         2023           136         17112/2023-CO/L         Solar Battery Mobile Charger         2023           137         17115/2023-CO/L         RF Remote Control Robot         2023           138         17119/2023-CO/L         Intelligent Road Safety System (IRSS)         2023           139         17058/2023-CO/L         Intelligence Street Light System (Smart Street Light System)         2023           140         17114/2023-CO/L         Intrusion alarm system         2023           141         17841/2023-CO/L         Alum Based Rotary Water Purification         2023           142         17124/2023-CO/L         Solar Powered Umbrella for Workers         2023           143         17126/2023-CO/L         Solar Powered Umbrella for Workers         2023           144         17127/2023-CO/L         Global Parking Solution         2023           145         17128/2023-CO/L         Global Parking Solution         2023           146         17129/20	130	17102/2023-CO/L	IOT based water tap sensor	2023
133         17107/2023-CO/L         E-COMMERCE WEBSITE         2023           134         17294/2023-CO/L         Solar Panel Sensor         2023           135         17109/2023-CO/L         AUTOMATIC PLANT IRRIGATION SYSTEM         2023           136         17115/2023-CO/L         Solar Battery Mobile Charger         2023           137         17115/2023-CO/L         RF Remote Control Robot         2023           138         17119/2023-CO/L         Intelligent Road Safety System (IRSS)         2023           139         17058/2023-CO/L         Intelligence Street Light System (Smart Street Light System)         2023           140         17114/2023-CO/L         Alum Based Rotary Water Purification         2023           141         17841/2023-CO/L         Alum Based Rotary Water Purification         2023           142         17124/2023-CO/L         Vehicle Door Opening Vigilant System         2023           143         17126/2023-CO/L         Solar Powered Umbrella for Workers         2023           144         17127/2023-CO/L         Safety Gadget for Girls Child         2023           145         17128/2023-CO/L         Global Parking Solution         2023           146         17129/2023-CO/L         Electo-AI         2023           148	131	17292/2023-CO/L		2023
134         17294/2023-CO/L         Solar Panel Sensor         2023           135         17109/2023-CO/L         AUTOMATIC PLANT IRRIGATION SYSTEM         2023           136         17112/2023-CO/L         Solar Battery Mobile Charger         2023           137         17115/2023-CO/L         RF Remote Control Robot         2023           138         17119/2023-CO/L         Intelligent Road Safety System (IRSS)         2023           139         17058/2023-CO/L         Intelligence Street Light System (Smart Street Light System)         2023           140         17114/2023-CO/L         Intrusion alarm system         2023           141         17841/2023-CO/L         Alum Based Rotary Water Purification         2023           142         17124/2023-CO/L         Vehicle Door Opening Vigilant System         2023           143         17126/2023-CO/L         Solar Powered Umbrella for Workers         2023           144         17127/2023-CO/L         Safety Gadget for Girls Child         2023           145         17128/2023-CO/L         Mouse Chappal         2023           146         17129/2023-CO/L         Global Parking Solution         2023           147         17837/2023-CO/L         Burst Traffic Management System         2023           149         <	132	17106/2023-CO/L	HIGH VISCOSITY FLUID EXTRACTING METHOD	2023
135         17109/2023-CO/L         AUTOMATIC PLANT IRRIGATION SYSTEM         2023           136         17112/2023-CO/L         Solar Battery Mobile Charger         2023           137         17115/2023-CO/L         RF Remote Control Robot         2023           138         17119/2023-CO/L         Intelligent Road Safety System (IRSS)         2023           139         17058/2023-CO/L         Intelligence Street Light System (Smart Street Light System)         2023           140         17114/2023-CO/L         Intrusion alarm system         2023           141         17841/2023-CO/L         Alum Based Rotary Water Purification         2023           142         17126/2023-CO/L         Vehicle Door Opening Vigilant System         2023           143         17126/2023-CO/L         Solar Powered Umbrella for Workers         2023           144         17127/2023-CO/L         Safety Gadget for Girls Child         2023           145         17128/2023-CO/L         Mouse Chappal         2023           146         17129/2023-CO/L         Global Parking Solution         2023           147         17837/2023-CO/L         Blecto-AI         2023           148         17133/2023-CO/L         Safety Gadget for Girls Child         2023           150         1714/202	133	17107/2023-CO/L	E-COMMERCE WEBSITE	2023
136         17112/2023-CO/L         Solar Battery Mobile Charger         2023           137         17115/2023-CO/L         RF Remote Control Robot         2023           138         17119/2023-CO/L         Intelligent Road Safety System (IRSS)         2023           139         17058/2023-CO/L         Intelligence Street Light System (Smart Street Light System)         2023           140         17114/2023-CO/L         Intrusion alarm system         2023           141         17841/2023-CO/L         Alum Based Rotary Water Purification         2023           142         17124/2023-CO/L         Vehicle Door Opening Vigilant System         2023           143         17126/2023-CO/L         Solar Powered Umbrella for Workers         2023           144         17127/2023-CO/L         Safety Gadget for Girls Child         2023           145         17128/2023-CO/L         Global Parking Solution         2023           146         17129/2023-CO/L         Electo-AI         2023           148         17133/2023-CO/L         Electo-AI         2023           149         17137/2023-CO/L         Smart Traffic Management System         2023           150         17141/2023-CO/L         Thunder mat         2023           151         17143/2023-CO/L <td< td=""><td>134</td><td>17294/2023-CO/L</td><td>Solar Panel Sensor</td><td>2023</td></td<>	134	17294/2023-CO/L	Solar Panel Sensor	2023
137         17115/2023-CO/L         RF Remote Control Robot         2023           138         17119/2023-CO/L         Intelligent Road Safety System (IRSS)         2023           139         17058/2023-CO/L         Intelligence Street Light System (Smart Street Light System)         2023           140         17114/2023-CO/L         Intrusion alarm system         2023           141         17841/2023-CO/L         Alum Based Rotary Water Purification         2023           142         17124/2023-CO/L         Vehicle Door Opening Vigilant System         2023           143         17126/2023-CO/L         Solar Powered Umbrella for Workers         2023           144         17127/2023-CO/L         Safety Gadget for Girls Child         2023           145         17128/2023-CO/L         Mouse Chappal         2023           146         17129/2023-CO/L         Global Parking Solution         2023           147         17837/2023-CO/L         Blecto-AI         2023           148         17133/2023-CO/L         Auto-Stepper         2023           149         17137/2023-CO/L         Auto-Stepper         2023           150         17141/2023-CO/L         Thunder mat         2023           151         17143/2023-CO/L         Daily Push Up Counter using Co	135	17109/2023-CO/L	AUTOMATIC PLANT IRRIGATION SYSTEM	2023
137         17115/2023-CO/L         RF Remote Control Robot         2023           138         17119/2023-CO/L         Intelligent Road Safety System (IRSS)         2023           139         17058/2023-CO/L         Intelligence Street Light System (Smart Street Light System)         2023           140         17114/2023-CO/L         Intrusion alarm system         2023           141         17841/2023-CO/L         Alum Based Rotary Water Purification         2023           142         17124/2023-CO/L         Vehicle Door Opening Vigilant System         2023           143         17126/2023-CO/L         Solar Powered Umbrella for Workers         2023           144         17127/2023-CO/L         Safety Gadget for Girls Child         2023           145         17128/2023-CO/L         Mouse Chappal         2023           146         17129/2023-CO/L         Global Parking Solution         2023           147         17837/2023-CO/L         Electo-AI         2023           148         17133/2023-CO/L         Smart Traffic Management System         2023           149         17137/2023-CO/L         Smart Traffic Management System         2023           150         17141/2023-CO/L         Daily exercise SIT-UP Counter Monitoring System         2023           151	136	17112/2023-CO/L	Solar Battery Mobile Charger	2023
17058/2023-CO/L   Intelligence Street Light System (Smart Street Light System)   2023	137	17115/2023-CO/L		2023
139         17058/2023-CO/L         Intelligence Street Light System (Smart Street Light System)         2023           140         17114/2023-CO/L         Intrusion alarm system         2023           141         17841/2023-CO/L         Alum Based Rotary Water Purification         2023           142         17124/2023-CO/L         Vehicle Door Opening Vigilant System         2023           143         17126/2023-CO/L         Solar Powered Umbrella for Workers         2023           144         17127/2023-CO/L         Solar Powered Umbrella for Workers         2023           145         17128/2023-CO/L         Mouse Chappal         2023           146         17129/2023-CO/L         Global Parking Solution         2023           147         17837/2023-CO/L         Electo-AI         2023           148         17133/2023-CO/L         Auto-Stepper         2023           149         17137/2023-CO/L         Smart Traffic Management System         2023           150         17141/2023-CO/L         Daily exercise SIT-UP Counter Monitoring System         2023           152         17143/2023-CO/L         Daily Push Up Counter using Computer vision         2023           153         17150/2023-CO/L         Daily Push Up Counter using Computer vision         2023 <t< td=""><td>138</td><td>17119/2023-CO/L</td><td>Intelligent Road Safety System (IRSS)</td><td>2023</td></t<>	138	17119/2023-CO/L	Intelligent Road Safety System (IRSS)	2023
141         17841/2023-CO/L         Alum Based Rotary Water Purification         2023           142         17124/2023-CO/L         Vehicle Door Opening Vigilant System         2023           143         17126/2023-CO/L         Solar Powered Umbrella for Workers         2023           144         17127/2023-CO/L         Safety Gadget for Girls Child         2023           145         17128/2023-CO/L         Mouse Chappal         2023           146         17129/2023-CO/L         Global Parking Solution         2023           147         17837/2023-CO/L         Electo-AI         2023           148         17133/2023-CO/L         Auto-Stepper         2023           149         17137/2023-CO/L         Smart Traffic Management System         2023           150         17141/2023-CO/L         Daily exercise SIT-UP Counter Monitoring System         2023           151         17143/2023-CO/L         Daily Push Up Counter using Computer vision         2023           152         17147/2023-CO/L         DUMBBELL Counter         2023           154         17150/2023-CO/L         Virtual Try-On: A Revolutionary Way to Shop for Clothes         2023           155         17155/2023-CO/L         LocalCart: E-commerce for Local Markets         2023           157         <	139		Intelligence Street Light System (Smart Street Light	
142         17124/2023-CO/L         Vehicle Door Opening Vigilant System         2023           143         17126/2023-CO/L         Solar Powered Umbrella for Workers         2023           144         17127/2023-CO/L         Safety Gadget for Girls Child         2023           145         17128/2023-CO/L         Mouse Chappal         2023           146         17129/2023-CO/L         Global Parking Solution         2023           147         17837/2023-CO/L         Electo-AI         2023           148         17133/2023-CO/L         Auto-Stepper         2023           149         17137/2023-CO/L         Smart Traffic Management System         2023           150         17141/2023-CO/L         Daily exercise SIT-UP Counter Monitoring System         2023           152         17147/2023-CO/L         Daily Push Up Counter using Computer vision         2023           153         17150/2023-CO/L         DUMBBELL Counter         2023           154         17152/2023-CO/L         Virtual Try-On: A Revolutionary Way to Shop for Clothes         2023           155         17155/2023-CO/L         LocalCart: E-commerce for Local Markets         2023           156         17159/2023-CO/L         QR med: Medication Safety with QR Codes         2023           158	140	17114/2023-CO/L	Intrusion alarm system	2023
143         17126/2023-CO/L         Solar Powered Umbrella for Workers         2023           144         17127/2023-CO/L         Safety Gadget for Girls Child         2023           145         17128/2023-CO/L         Mouse Chappal         2023           146         17129/2023-CO/L         Global Parking Solution         2023           147         17837/2023-CO/L         Electo-AI         2023           148         17133/2023-CO/L         Auto-Stepper         2023           149         17137/2023-CO/L         Smart Traffic Management System         2023           150         17141/2023-CO/L         Daily exercise SIT-UP Counter Monitoring System         2023           151         17143/2023-CO/L         Daily Push Up Counter using Computer vision         2023           152         17147/2023-CO/L         DUMBBELL Counter         2023           153         17150/2023-CO/L         DUMBBELL Counter         2023           154         17152/2023-CO/L         Virtual Try-On: A Revolutionary Way to Shop for Clothes         2023           155         17159/2023-CO/L         QR med: Medication Safety with QR Codes         2023           156         17159/2023-CO/L         QR med: Medication Safety with QR Codes         2023           158         17164/2023-CO/	141	17841/2023-CO/L	Alum Based Rotary Water Purification	2023
143         17126/2023-CO/L         Solar Powered Umbrella for Workers         2023           144         17127/2023-CO/L         Safety Gadget for Girls Child         2023           145         17128/2023-CO/L         Mouse Chappal         2023           146         17129/2023-CO/L         Global Parking Solution         2023           147         17837/2023-CO/L         Electo-AI         2023           148         17133/2023-CO/L         Auto-Stepper         2023           149         17137/2023-CO/L         Smart Traffic Management System         2023           150         17141/2023-CO/L         Daily exercise SIT-UP Counter Monitoring System         2023           151         17143/2023-CO/L         Daily Push Up Counter using Computer vision         2023           152         17147/2023-CO/L         DUMBBELL Counter         2023           153         17150/2023-CO/L         DUMBBELL Counter         2023           154         17152/2023-CO/L         Virtual Try-On: A Revolutionary Way to Shop for Clothes         2023           155         17159/2023-CO/L         QR med: Medication Safety with QR Codes         2023           156         17159/2023-CO/L         QR med: Medication Safety with QR Codes         2023           158         17164/2023-CO/	142	17124/2023-CO/L	Vehicle Door Opening Vigilant System	2023
145         17128/2023-CO/L         Mouse Chappal         2023           146         17129/2023-CO/L         Global Parking Solution         2023           147         17837/2023-CO/L         Electo-AI         2023           148         17133/2023-CO/L         Auto-Stepper         2023           149         17137/2023-CO/L         Smart Traffic Management System         2023           150         17141/2023-CO/L         Daily exercise SIT-UP Counter Monitoring System         2023           151         17143/2023-CO/L         Daily Push Up Counter using Computer vision         2023           152         17147/2023-CO/L         DUMBBELL Counter         2023           153         17150/2023-CO/L         DUMBBELL Counter         2023           154         17152/2023-CO/L         Virtual Try-On: A Revolutionary Way to Shop for Clothes         2023           155         17155/2023-CO/L         LocalCart: E-commerce for Local Markets         2023           156         17159/2023-CO/L         QR med: Medication Safety with QR Codes         2023           158         17162/2023-CO/L         GSM Enabled Power Guardian         2023           159         17170/2023-CO/L         Significance of Fraud Detection in Credit Card Transactions for Financial Security         2023	143	17126/2023-CO/L		2023
146         17129/2023-CO/L         Global Parking Solution         2023           147         17837/2023-CO/L         Electo-AI         2023           148         17133/2023-CO/L         Auto-Stepper         2023           149         17137/2023-CO/L         Smart Traffic Management System         2023           150         17141/2023-CO/L         Thunder mat         2023           151         17143/2023-CO/L         Daily exercise SIT-UP Counter Monitoring System         2023           152         17147/2023-CO/L         Daily Push Up Counter using Computer vision         2023           153         17150/2023-CO/L         DUMBBELL Counter         2023           154         17152/2023-CO/L         Virtual Try-On: A Revolutionary Way to Shop for Clothes         2023           155         17155/2023-CO/L         LocalCart: E-commerce for Local Markets         2023           155         17159/2023-CO/L         QR med: Medication Safety with QR Codes         2023           157         17162/2023-CO/L         Personal Finance App         2023           158         17164/2023-CO/L         GSM Enabled Power Guardian         2023           159         17170/2023-CO/L         Significance of Fraud Detection in Credit Card Transactions for Financial Security         2023	144	17127/2023-CO/L	Safety Gadget for Girls Child	2023
147         17837/2023-CO/L         Electo-AI         2023           148         17133/2023-CO/L         Auto-Stepper         2023           149         17137/2023-CO/L         Smart Traffic Management System         2023           150         17141/2023-CO/L         Thunder mat         2023           151         17143/2023-CO/L         Daily exercise SIT-UP Counter Monitoring System         2023           152         17147/2023-CO/L         Daily Push Up Counter using Computer vision         2023           153         17150/2023-CO/L         DUMBBELL Counter         2023           154         17152/2023-CO/L         Virtual Try-On: A Revolutionary Way to Shop for Clothes         2023           155         17155/2023-CO/L         LocalCart: E-commerce for Local Markets         2023           156         17159/2023-CO/L         QR med: Medication Safety with QR Codes         2023           157         17162/2023-CO/L         Personal Finance App         2023           158         17164/2023-CO/L         GSM Enabled Power Guardian         2023           159         17170/2023-CO/L         Significance of Fraud Detection in Credit Card Transactions for Financial Security         2023           160         17174/2023-CO/L         Home Robotization System for Blind, Dumb and Deaf Person	145	17128/2023-CO/L	Mouse Chappal	2023
147         17837/2023-CO/L         Electo-AI         2023           148         17133/2023-CO/L         Auto-Stepper         2023           149         17137/2023-CO/L         Smart Traffic Management System         2023           150         17141/2023-CO/L         Thunder mat         2023           151         17143/2023-CO/L         Daily exercise SIT-UP Counter Monitoring System         2023           152         17147/2023-CO/L         Daily Push Up Counter using Computer vision         2023           153         17150/2023-CO/L         DUMBBELL Counter         2023           154         17152/2023-CO/L         Virtual Try-On: A Revolutionary Way to Shop for Clothes         2023           155         17155/2023-CO/L         LocalCart: E-commerce for Local Markets         2023           156         17159/2023-CO/L         QR med: Medication Safety with QR Codes         2023           157         17162/2023-CO/L         Personal Finance App         2023           158         17164/2023-CO/L         GSM Enabled Power Guardian         2023           159         17170/2023-CO/L         Significance of Fraud Detection in Credit Card Transactions for Financial Security         2023           160         17174/2023-CO/L         Home Robotization System for Blind, Dumb and Deaf Person	146	17129/2023-CO/L	Global Parking Solution	2023
149         17137/2023-CO/L         Smart Traffic Management System         2023           150         17141/2023-CO/L         Thunder mat         2023           151         17143/2023-CO/L         Daily exercise SIT-UP Counter Monitoring System         2023           152         17147/2023-CO/L         Daily Push Up Counter using Computer vision         2023           153         17150/2023-CO/L         DUMBBELL Counter         2023           154         17152/2023-CO/L         Virtual Try-On: A Revolutionary Way to Shop for Clothes         2023           155         17155/2023-CO/L         LocalCart: E-commerce for Local Markets         2023           156         17159/2023-CO/L         QR med: Medication Safety with QR Codes         2023           157         17162/2023-CO/L         Personal Finance App         2023           158         17164/2023-CO/L         GSM Enabled Power Guardian         2023           159         17170/2023-CO/L         Significance of Fraud Detection in Credit Card Transactions for Financial Security         2023           160         17174/2023-CO/L         Home Robotization System for Blind, Dumb and Deaf Person         2023	147	17837/2023-CO/L		2023
150         17141/2023-CO/L         Thunder mat         2023           151         17143/2023-CO/L         Daily exercise SIT-UP Counter Monitoring System         2023           152         17147/2023-CO/L         Daily Push Up Counter using Computer vision         2023           153         17150/2023-CO/L         DUMBBELL Counter         2023           154         17152/2023-CO/L         Virtual Try-On: A Revolutionary Way to Shop for Clothes         2023           155         17155/2023-CO/L         LocalCart: E-commerce for Local Markets         2023           156         17159/2023-CO/L         QR med: Medication Safety with QR Codes         2023           157         17162/2023-CO/L         Personal Finance App         2023           158         17164/2023-CO/L         GSM Enabled Power Guardian         2023           159         17170/2023-CO/L         Significance of Fraud Detection in Credit Card Transactions for Financial Security         2023           160         17174/2023-CO/L         Home Robotization System for Blind, Dumb and Deaf Person         2023	148	17133/2023-CO/L	Auto-Stepper	2023
150         17141/2023-CO/L         Thunder mat         2023           151         17143/2023-CO/L         Daily exercise SIT-UP Counter Monitoring System         2023           152         17147/2023-CO/L         Daily Push Up Counter using Computer vision         2023           153         17150/2023-CO/L         DUMBBELL Counter         2023           154         17152/2023-CO/L         Virtual Try-On: A Revolutionary Way to Shop for Clothes         2023           155         17155/2023-CO/L         LocalCart: E-commerce for Local Markets         2023           156         17159/2023-CO/L         QR med: Medication Safety with QR Codes         2023           157         17162/2023-CO/L         Personal Finance App         2023           158         17164/2023-CO/L         GSM Enabled Power Guardian         2023           159         17170/2023-CO/L         Significance of Fraud Detection in Credit Card Transactions for Financial Security         2023           160         17174/2023-CO/L         Home Robotization System for Blind, Dumb and Deaf Person         2023	149	17137/2023-CO/L	Smart Traffic Management System	2023
152         17147/2023-CO/L         Daily Push Up Counter using Computer vision         2023           153         17150/2023-CO/L         DUMBBELL Counter         2023           154         17152/2023-CO/L         Virtual Try-On: A Revolutionary Way to Shop for Clothes         2023           155         17155/2023-CO/L         LocalCart: E-commerce for Local Markets         2023           156         17159/2023-CO/L         QR med: Medication Safety with QR Codes         2023           157         17162/2023-CO/L         Personal Finance App         2023           158         17164/2023-CO/L         GSM Enabled Power Guardian         2023           159         17170/2023-CO/L         Significance of Fraud Detection in Credit Card Transactions for Financial Security         2023           160         17174/2023-CO/L         Home Robotization System for Blind, Dumb and Deaf Person         2023	150	17141/2023-CO/L		2023
152         17147/2023-CO/L         Daily Push Up Counter using Computer vision         2023           153         17150/2023-CO/L         DUMBBELL Counter         2023           154         17152/2023-CO/L         Virtual Try-On: A Revolutionary Way to Shop for Clothes         2023           155         17155/2023-CO/L         LocalCart: E-commerce for Local Markets         2023           156         17159/2023-CO/L         QR med: Medication Safety with QR Codes         2023           157         17162/2023-CO/L         Personal Finance App         2023           158         17164/2023-CO/L         GSM Enabled Power Guardian         2023           159         17170/2023-CO/L         Significance of Fraud Detection in Credit Card Transactions for Financial Security         2023           160         17174/2023-CO/L         Home Robotization System for Blind, Dumb and Deaf Person         2023	151	17143/2023-CO/L	Daily exercise SIT-UP Counter Monitoring System	2023
153         17150/2023-CO/L         DUMBBELL Counter         2023           154         17152/2023-CO/L         Virtual Try-On: A Revolutionary Way to Shop for Clothes         2023           155         17155/2023-CO/L         LocalCart: E-commerce for Local Markets         2023           156         17159/2023-CO/L         QR med: Medication Safety with QR Codes         2023           157         17162/2023-CO/L         Personal Finance App         2023           158         17164/2023-CO/L         GSM Enabled Power Guardian         2023           159         17170/2023-CO/L         Significance of Fraud Detection in Credit Card Transactions for Financial Security         2023           160         17174/2023-CO/L         Home Robotization System for Blind, Dumb and Deaf Person         2023	152	17147/2023-CO/L	,	2023
154         17152/2023-CO/L         Clothes         2023           155         17155/2023-CO/L         LocalCart: E-commerce for Local Markets         2023           156         17159/2023-CO/L         QR med: Medication Safety with QR Codes         2023           157         17162/2023-CO/L         Personal Finance App         2023           158         17164/2023-CO/L         GSM Enabled Power Guardian         2023           159         17170/2023-CO/L         Significance of Fraud Detection in Credit Card Transactions for Financial Security         2023           160         17174/2023-CO/L         Home Robotization System for Blind, Dumb and Deaf Person         2023	153	17150/2023-CO/L	• • •	2023
15617159/2023-CO/LQR med: Medication Safety with QR Codes202315717162/2023-CO/LPersonal Finance App202315817164/2023-CO/LGSM Enabled Power Guardian202315917170/2023-CO/LSignificance of Fraud Detection in Credit Card Transactions for Financial Security202316017174/2023-CO/LHome Robotization System for Blind, Dumb and Deaf Person2023	154	17152/2023-CO/L	*	2023
15717162/2023-CO/LPersonal Finance App202315817164/2023-CO/LGSM Enabled Power Guardian202315917170/2023-CO/LSignificance of Fraud Detection in Credit Card Transactions for Financial Security202316017174/2023-CO/LHome Robotization System for Blind, Dumb and Deaf Person2023	155	17155/2023-CO/L	LocalCart: E-commerce for Local Markets	2023
15817164/2023-CO/LGSM Enabled Power Guardian202315917170/2023-CO/LSignificance of Fraud Detection in Credit Card Transactions for Financial Security202316017174/2023-CO/LHome Robotization System for Blind, Dumb and Deaf Person2023	156	17159/2023-CO/L	QR med: Medication Safety with QR Codes	2023
159 17170/2023-CO/L Significance of Fraud Detection in Credit Card Transactions for Financial Security 2023  160 17174/2023-CO/L Home Robotization System for Blind, Dumb and Deaf Person 2023	157	17162/2023-CO/L	Personal Finance App	2023
Transactions for Financial Security  160 17174/2023-CO/L Home Robotization System for Blind, Dumb and Deaf Person 2023	158	17164/2023-CO/L	GSM Enabled Power Guardian	2023
17174/2023-CO/L Person 2023	159	17170/2023-CO/L		2023
161 17180/2023-CO/L PMPML ONLINE TICKET BOOKING SYSTEM 2023	160	17174/2023-CO/L	Home Robotization System for Blind, Dumb and Deaf	2023
	161	17180/2023-CO/L	PMPML ONLINE TICKET BOOKING SYSTEM	2023

162	17315/2023-CO/L	Deep Learning Evolving the Dance World with Tensor Holography	2023
163	17302/2023-CO/L	Zero Trust Security Model with ML and AI Incorporated	2023
164	17192/2023-CO/L	Prediction of Chemical Waste from Industry Using AI	2023
165	17194/2023-CO/L	CYCLONE FORECASTING SYSTEM	2023
166	17196/2023-CO/L	Crash detection using IOT and Image Capture	2023
167	17199/2023-CO/L	E- Auction	2023
168	17201/2023-CO/L	Intelligent Traffic Light System	2023
169	17203/2023-CO/L	Homeless to Homelessness Website Platform	2023
170	17205/2023-CO/L	Fuel Quantity Analyzer and Detection of Harmful Content in Fuel	2023
171	17206/2023-CO/L	Multiple Documents under one QR Code	2023
172	17209/2023-CO/L	Smart Parking using QR Code Technology	2023
173	17210/2023-CO/L	Traffic Fine Deduction System using Fast Tag	2023
174	17212/2023-CO/L	Magnetic Resonance Charging for Electric Two Wheelers	2023
175	17214/2023-CO/L	QR Code Base Restaurant Food Ordering System	2023
176	17216/2023-CO/L	Online Doctor Appointment Booking System	2023
177	17217/2023-CO/L	Machine Learning Algorithm for Stress Detection	2023
178	17828/2023-CO/L	Stress Detection using Machine Learning	2023
179	17222/2023-CO/L	A Smarter Eye for Helping Cops (SEHC)	2023
180	17225/2023-CO/L	Identification of Plant Nutrients Deficiency by Neural Networks	2023
181	17227/2023-CO/L	HEALTH-CARD	2023
182	17229/2023-CO/L	Pay from Home for Hospitality using QR	2023
183	17232/2023-CO/L	AUTOMATIC METER READING	2023
184	17233/2023-CO/L	Orbit of Market Boat	2023
185	17236/2023-CO/L	Hostel Security System using Advanced Sensors	2023
186	17239/2023-CO/L	e-Bpass (Online Bus Pass System)	2023
187	17242/2023-CO/L	Best Food Quality Analysis Using Convolutional Neural Network (CNN) Machine Learning Algorithm	2023
188	17244/2023-CO/L	Alcohol Detection System with Vehicle Controlling Using GPS Tracker and GSM Modem	2023
189	17249/2023-CO/L	Social Weather Assistance	2023
190	17251/2023-CO/L	Enhancement of Historical Documents by Image Processing	2023
191	17300/2023-CO/L	Machine Control Using Thoughts of Human Brain	2023
192	17256/2023-CO/L	Bus or Train Location and Seat Tracking (LocTrack)	2023
193	17259/2023-CO/L	Plant Nutrition Detection and Provider	2023
194	17261/2023-CO/L	Emotion Analysis Through Cloud Records	2023
	1/201/2023-CO/L		
195	17263/2023-CO/L	Auto On-Off Power Supply(Switch) On Charging or On Full Charging of Battery	2023

197	17267/2023-CO/L	IOT Based Crop Damage Prevention from Wild Animal using IR Camera	2023
198	17269/2023-CO/L	Overloading Bus Detection System	2023
199	17307/2023-CO/L	Voice Controlled IOT Device using Sanskrit as Natural Language Processing (NLP)	2023
200	17280/2023-CO/L	LIBRARY BOOK AVAILABILITY CHECKING SYSTEM USING QR CODE	2023
201	17282/2023-CO/L	In-house Healthcare Monitoring System for Toddlers	2023
202	17289/2023-CO/L	Distance Wireless Charging	2023
203	17287/2023-CO/L	Ticket Booking System using NFC Tags	2023
204	17274/2023-CO/L	Attendance QR Scanner	2023
205	17272/2023-CO/L	E-VENDO	2023
206	17271/2023-CO/L	Identity mail-id in Aadhar	2023
207	17040/2023-CO/L	Puncture detection for two-wheeler electronic vehicle	2023
208	17039/2023-CO/L	Dataset of Real and Fake Job URL	2023
209	17281/2023-CO/L	Urinal Sink	2023
210	17041/2023-CO/L	Black Board Cleaner	2023
211	17043/2023- CO/L	Cycle Mood Matching Your Mood with the Perfect Cycling Route	2023
212	17036/2023-CO/L	Working Instructions of Smart Agriculture using IoT	2023
213	17045/2023-CO/L	Fake Currency Detector Android APP	2023
214	17047/2023-CO/L	AI Surveillance ROBOT	2023
215	17049/2023- CO/L	IOT based Automatic Security Surveillance & Parking Management	2023
216	17051/2023-CO/L	Multitasking Military Spying Robot	2023
217	17053/2023-CO/L	Prediction Estimation of SOCof Lithium-Ion Battery	2023
218	17054/2023-CO/L	Media Transmission using Li-Fi	2023
219	17057/2023-CO/L	Face Liveliness Authentication System	2023
220	17059/2023-CO/L	EV Charging Cost Detection Kit	2023
221	17042/2023-CO/L	Wrong Posture Detector	2023
222	17060/2023- CO/L	Working Instructions for Medicine Pill Dispenser & Surveillance System	2023
223	17062/2023- CO/L	IOT based Patient Health Monitoring System Using Ventilator	2023
224	17064/2023-CO/L	TECH TROLLEY	2023
225	17066/2023- CO/L	DETECTION OF FAKE PROFILES	2023
226	17068/2023- CO/L	MOBILE HOLDER CHARGER	2023
227	17070/2023- CO/L	The most dangerous patch of road	2023
228	17072/2023- CO/L	Stock market analysis by using python code	2023
229	17074/2023- CO/L	product energy from piezoelectric	2023
230	17076/2023- CO/L	A device which detects and removes weeds from farms ( which is the major concern for farmers) without using chemicals and thus it keeps environment pollution free	2023

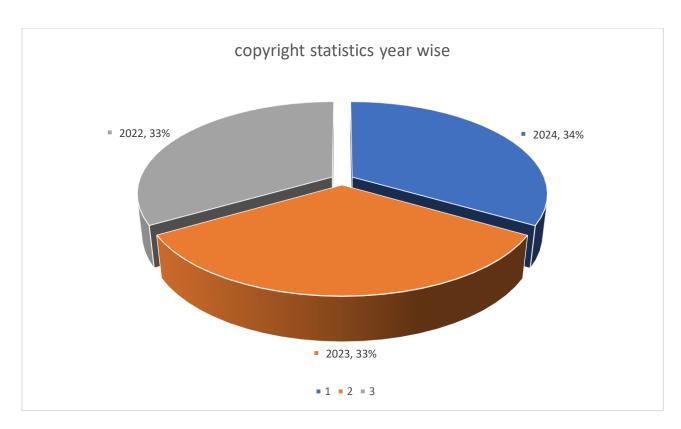
231	17078/2023- CO/L	Design and develop a solar cleaning system to improve efficiency and life span of solar panels	2023
232	17081/2023- CO/L	Making Engineering Graphics More Precise and Increasing Accuracy for arrow head	2023
233	17083/2023- CO/L	Electricity Generation through Magnetic Energy	2023
234	17084/2023- CO/L	The Bot-Information Exchanger	2023
235	17285/2023- CO/L	Line Follower robot	2023
236	17087/2023- CO/L	Street light controller	2023
237	17276/2023- CO/L	Mini Vaccum Cleaner	2023
238	17094/2023- CO/L	Automatic Switch for water pump	2023
239	17095/2023- CO/L	Anti sleep glasses for drivers	2023
240	17096/2023- CO/L	Price Comparison Tool	2023
241	17097/2023- CO/L	Customer Buying Patterns by using Food Product Analyser	2023
242	17099/2023- CO/L	Secure, Tranparent, Decentralized, and Resilient Blockchain-based System for Suppy Chain Management	2023
243	17101/2023- CO/L	Product Price Prediction Software for Customers	2023
244	17103/2023- CO/L	Portal for Hiring Students	2023
245	17104/2023- CO/L	Track Record Maintenance of student by using RFID ID Cards	2023
246	17105/2023- CO/L	Lane Assist Sensor for Safe Overtaking in Curvy Mountain Roads	2023
247	17107/2023- CO/L	Smart Traffic Signal Braking System	2023
248	17108/2023- CO/L	An Easy to connect to Labors using APNA Labor App	2023
249	17110/2023- CO/L	EyeOnSite: A Comprehensive Surveillance and Monitioring System for Construction Sites	2023
250	17113/2023- CO/L	Empowering Users with Smart Metering and Data Visualization	2023
251	17120/2023- CO/L	STRESS DETECTION AND ANALYSIS USING MACHINE LEARNING	2023
252	17122/2023- CO/L	PAN CARD FRAUD DETECTION USING MACHINE LEARNING	2023
253	17123/2023- CO/L	Intelligent Navigation Assisted Indicator Activation(eSignalNav)	2023
254	17125/2023-CO/L	Toll Plaza Management	2023
255	17288/2023- CO/L	Easy to travel using Tour with Us Guide App	2023
256	17293/2023- CO/L	Enhancing Bus Service through Passenger Density Monitoring	2023
257	17130/2023- CO/L	Improving Agricultural Efficiency with Real-Time Live Weight Tracking of Multiaxle Vehicles	2023
258	17132/2023-CO/L	Codeens	2023
259	17134/2023- CO/L	Online Payment of Bus Tickets: Enhancing Convenience and Efficiency in Maharashtra's Public Transportation System	2023

260	17138/2023- CO/L	COPYRIGHT PROJECT RECOMMENDATION SYSTEM	2023
261	17140/2023- CO/L	Smart Irrigation System for Farming	2023
262	17142/2023- CO/L	Nocturnal: A Cryptocurrency App for College Students	2023
263	17146/2023- CO/L	Finger Print Lock for Documents	2023
264	17148/2023- CO/L	Automatic Plant Detection and Care Recommendations Using OPENCV and Machine Learning Techniques	2023
265	17297/2023- CO/L	Automated Fan Speed Controller (Based On Surrounding Factors)	2023
266	17151/2023- CO/L	SmartSort: AI based Study Material Image Classifier	2023
267	17154/2023- CO/L	Fitness Assistant	2023
268	17157/2023- CO/L	Vehicle Energy Consumption in Python	2023
269	17278/2023- CO/L	Insights of SVM based Plant Leaf disease detection using ChatGPT	2023
270	17163/2023- CO/L	Arduino based smart system for Detection, prevention and alerting System for accidental disasters occurs occurs during driving vehicles	2023
271	17165/2023- CO/L	Smart Resume Shortlisting and Grading using TF-IDF,Cosine Similarity and KNN	2023
272	17298/2023- CO/L	Personalized E-Healthcare System by Using Artificial Intelligence Based Decision Making System	2023
273	17169/2023-CO/L	YantaRakshak - Adriver drowsiness detection system	2023
274	17171/2023- CO/L	User Interface Similarity & clone detection using clone detection model	2023
275	17173/2023- CO/L	Internet of Things and Big Data Analytics for Smart Healthcare	2023
276	17175/2023- CO/L	Blind Helper an Interactive Mobile Application for Visually impaired people	2023
277	17179/2023- CO/L	Power Sources Made from Paper	2023
278	17181/2023- CO/L	VidhiGuru	2023
279	17183/2023- CO/L	Salesforce Integration with WhatsApp	2023
280	17185/2023- CO/L	IOT and ML based open spit detection system and e-challan	2023
281	17186/2023- CO/L	GPS Based Attendance Monitoring System Using Mobile Application	2023
282	17187/2023- CO/L	CloudSync: Seamless Cloud Migration Services	2023
283	17188/2023- CO/L	VigilanceAlert The Alert Sentinel:Safegaurding Vigilance for Enhanced Security and Awareness	2023
284	17189/2023- CO/L	SpeedSync - The Harmony of Speeds	2023
285	17191/2023- CO/L	Fresh Track	2023
286	17193/2023- CO/L	Avoid Noise Pollution in Restricted Area	2023
287	17195/2023- CO/L	Your Virtual Bookstore(BookWave)	2023
288	17197/2023- CO/L	SafeTap: A Sensor-Based Solution for Preventing Water Mixing in Housing Societies	2023

289	17301/2023- CO/L	Pro-Active Maintain Empowering Businesses with AI- Powered Predictive Maintenance	2023
290	17200/2023- CO/L	LPG Gas indicator and safty device	2023
291	17202/2023- CO/L	Patientcare Pro-Reducing Waiting Times and Improving Hospital Efficiency	2023
292	17204/2023- CO/L	Emergency Alert System with Code Word Recognition and Location Tracking	2023
293	17207/2023- CO/L	A Smart Parking System Approach-Innovative Solutions for Obstructed Parking Paths	2023
294	17211/2023- CO/L	Personalized Medicine-Advancing Healthcare through AI-Enabled Personalized Medicine	2023
295	17213/2023- CO/L	Medication Management System	2023
296	17215/2023- CO/L	Identifying fake products through a barcode-based Block-chain system	2023
297	17218/2023- CO/L	Pet Care App	2023
298	17220/2023- CO/L	Memory Mouse: Easy Data Storage and Transfer	2023
299	17224/2023- CO/L	Polyglot: The Language Translator Tool	2023
300	17226/2023- CO/L	Detection of Fraud Driving licence Using Application	2023
301	17230/2023- CO/L	Student Attendance Alerting System	2023
302	17303/2023- CO/L	The Green Home Advisor: Using Predictive Analytics for Sustainable Savings	2023
303	17238/2023- CO/L	My Personalized Calligraphy Using Deep Learning	2023
304	17240/2023- CO/L	Detection of Fraud Aadhar Card Using Application	2023
305	17243/2023- CO/L	Automatic Vehicle Accident Detection and Messaging	2023
306	17245/2023- CO/L	LOCAL E-CONNECT	2023
307	17250/2023- CO/L	S.A.F.E. (Smart Aid for Emergency): Empowering First Aid Treatment with Image Recognition Technology	2023
308	17305/2023- CO/L	Terms & Condition checking	2023
309	17255/2023- CO/L	Charging Controllable Mobile Charger	2023
310	17257/2023- CO/L	Ring Size Analyzer	2023
311	17258/2023- CO/L	Automating Energy Usage and Security in Large Spaces with Computer Vision and IOT	2023
312	17260/2023- CO/L	Improved User Experience on Social Media with AI- Powered Ad Classification	2023
313	17262/2023- CO/L	Mobile app for finding and booking parking spaces	2023
314	17308/2023- CO/L	SkinCare Product Recommender	2023
315	17270/2023- CO/L	Chemical Identification using QR-Code or Smart Chemistry Lab	2023
316	17273/2023- CO/L	Agri-IoT:Smart Farming for Sustainable Agriculture	2023
317	16518/2023- CO/L	Detection of human behavior based on hand writing using Deep Learning Conolutional Neural Networks Algorithm	2023
318	17117/2023- CO/L	Affordable Secondhand Stationary	2023

319	17116/2023- CO/L	Touch sensitivity monitoring & alarming system to increase daily life productivity	2023
320	6219/2023-CO/L	A powerpoint Presentation on Data Security using Audio Video Steganography	2023
321	6150/2023-CO/L	A smart table in restaurant	2023
322	28909/2023-CO/L	GRIEVANCE REDRESSAL SYSTEM	2023
323	28188/2023-CO/L	Doctor Information Application	2023
324	28186/2023-CO/L	Smart mobile Doorbell	2023
325	21976/2022-CO/L	android based college monitoring system	2022
326	21964/2022-CO/L	Android based college monitoring system	2022
327	21986/2022-CO/L	Battery Overheating Notifier for Electric Vehicles	2022
328	21989/2022-CO/L	Converting text file/pdf/article into Audio (AudioBook)	2022
329	21963/2022-CO/L	Cop-cam for E Challan	2022
330	24633/2022-CO/L	Criminal Investigation by Sketch-Image Recognition using Generative Adversarial Networks(GANs)	2022
331	21994/2022-CO/L	Detection of Parkinson's Disease Using Machine Learning	2022
332	22007/2022-CO/L	Diet Analysis using Machine Learning Algorithm	2022
333	22002/2022-CO/L	Easy Public Transport System	2022
334	21990/2022-CO/L	Emergency Accident Call Management in Metropolitan Areas	2022
335	21977/2022-CO/L	Expense Analyzer	2022
336	24636/2022-CO/L	Finding Owner of Lost Belongings using Personalizes- QR	2022
337	21984/2022-CO/L	FIRE EATER USING DRONE	2022
338	21973/2022-CO/L	FIRST AID	2022
339	24626/2022-CO/L	IOT enabled Smart Healthcare Monitoring System for Soldiers using Predictive & Descriptive Models	2022
340	21965/2022-CO/L	Mobi-debit	2022
341	22004/2022-CO/L	Mouse Controlling with movement of fingers	2022
342	24625/2022-CO/L	Neurosymbol Language Understanding using Aircraft Maintenance Metaverse	2022
343	22006/2022-CO/L	ROAD ANALYSER	2022
344	21978/2022-CO/L	Screen Time Monitoring and Analysing System	2022
345	24631/2022-CO/L	Smart Agirculture System based on GBM & RF Predictive Analysis using Federated Learning Approach	2022
346	24826/2022-CO/L	Smart Bus Agent	2022
347	21967/2022-CO/L	Tracking Bus details using Python	2022
348	21997/2022-CO/L	Unified, Comprehensive, Decentralized and Universalised enterprise resource planning and management system	2022
U.			

Year of Filing	Total Copyright filed
2024	95
2023	229
2022	25
Total	349



# COPYRIGHTS CERTIFICATES







#### Extracts from the Register of Copyrights



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L-122124/2023

99fit Dated 23/05/2023

- 1. पर्ताकरण संस्था Registration Number
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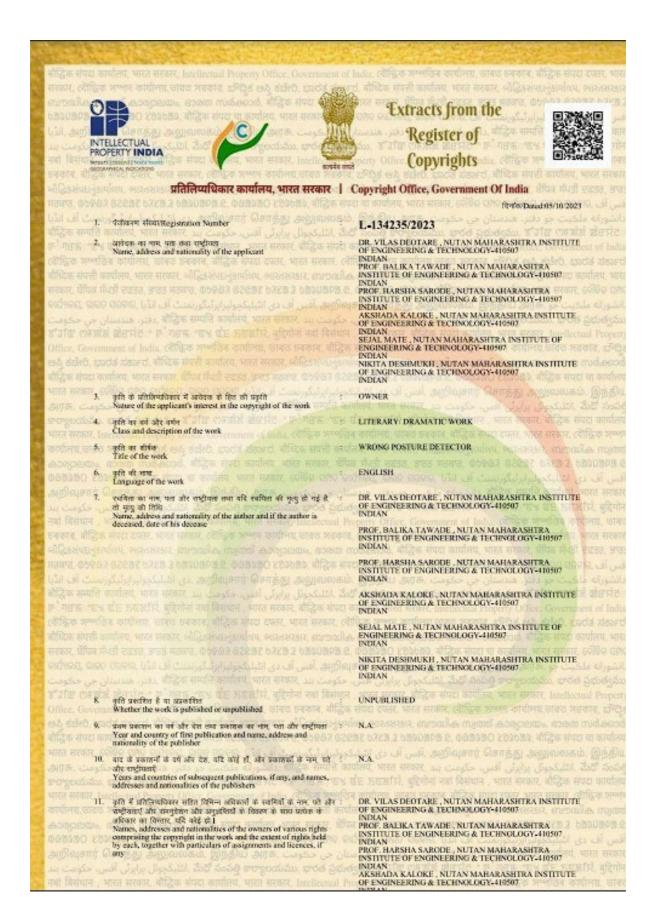
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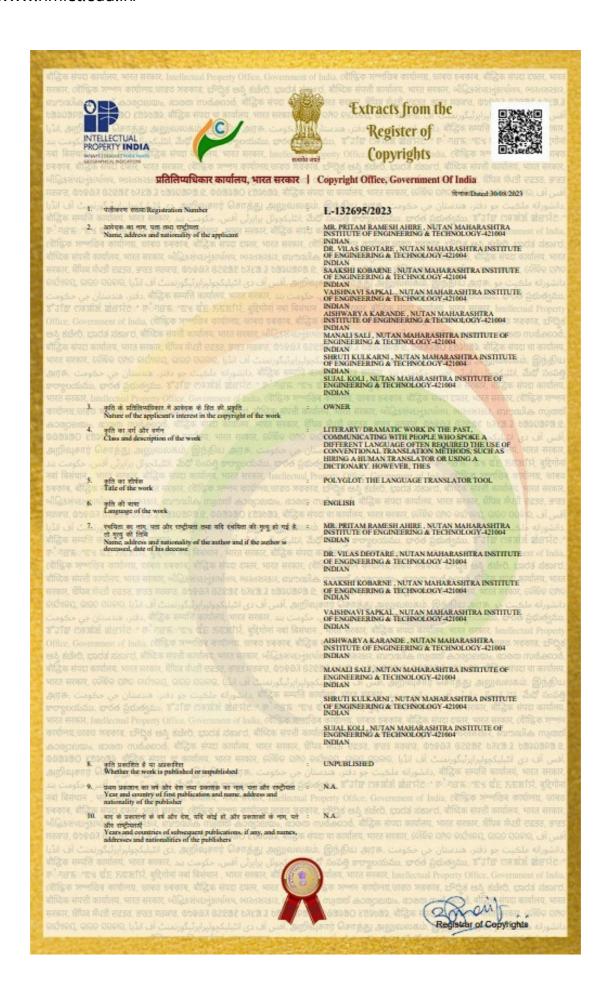
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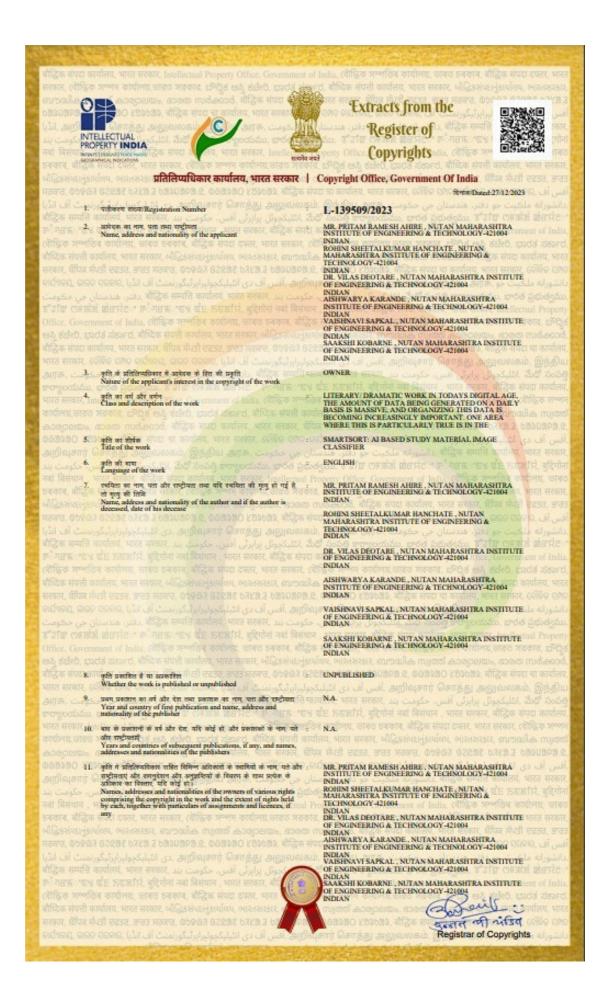
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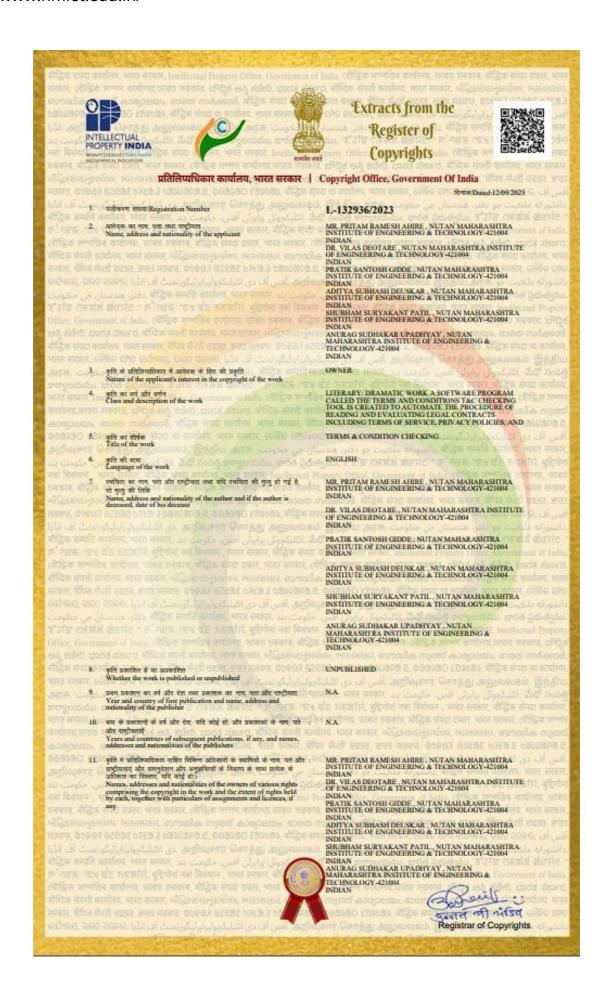
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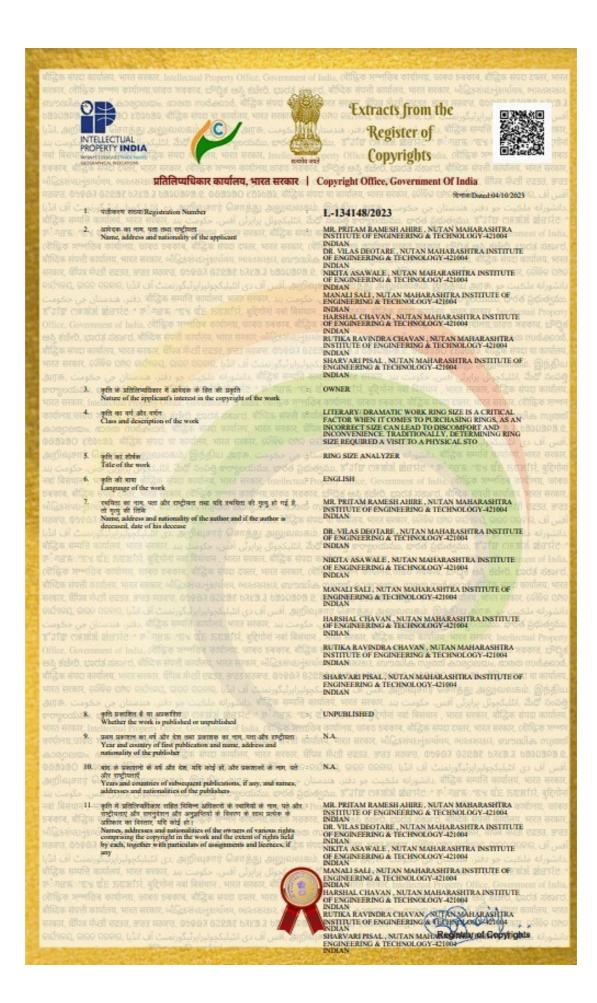
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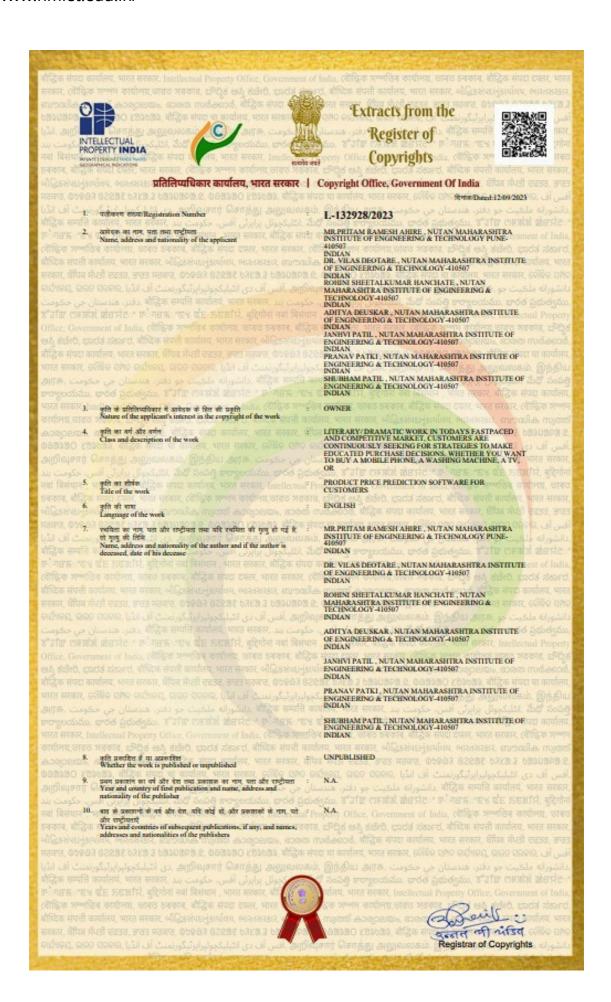
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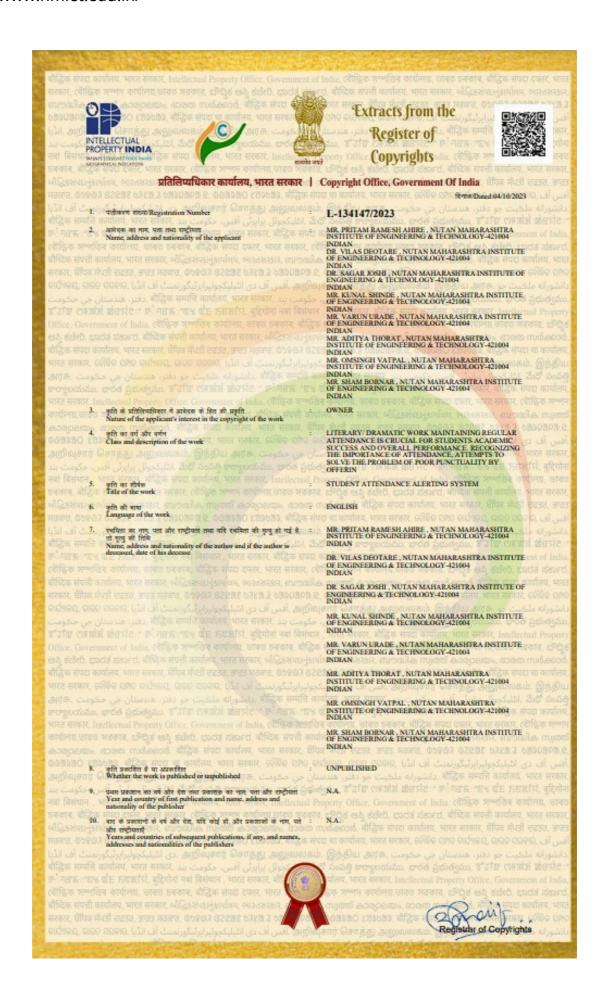
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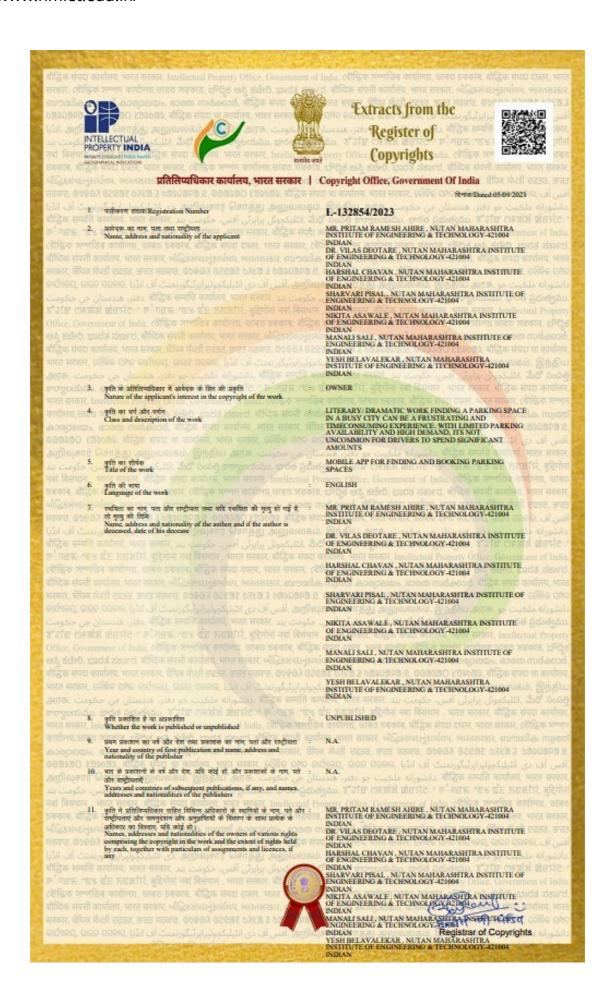
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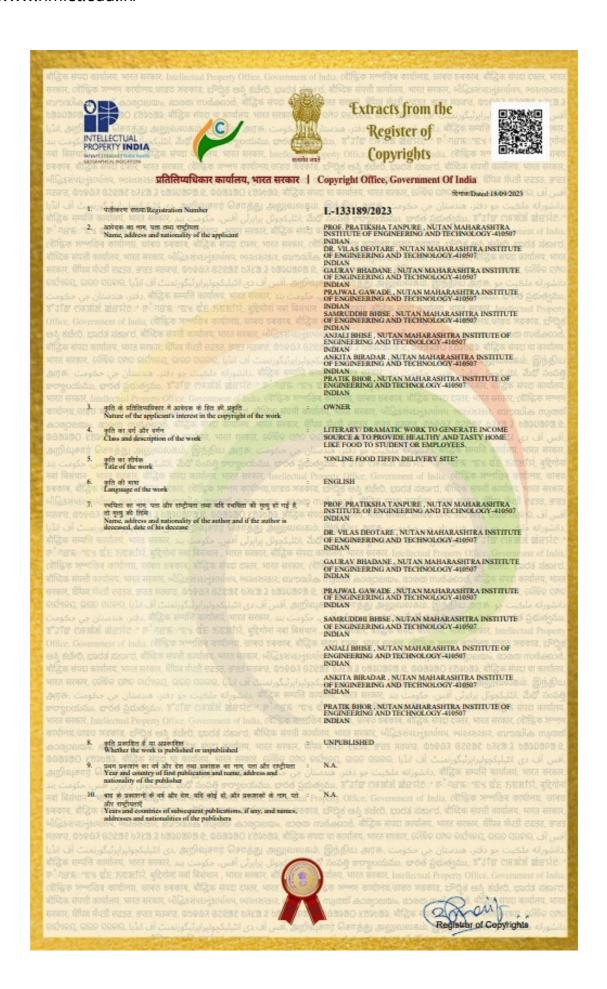


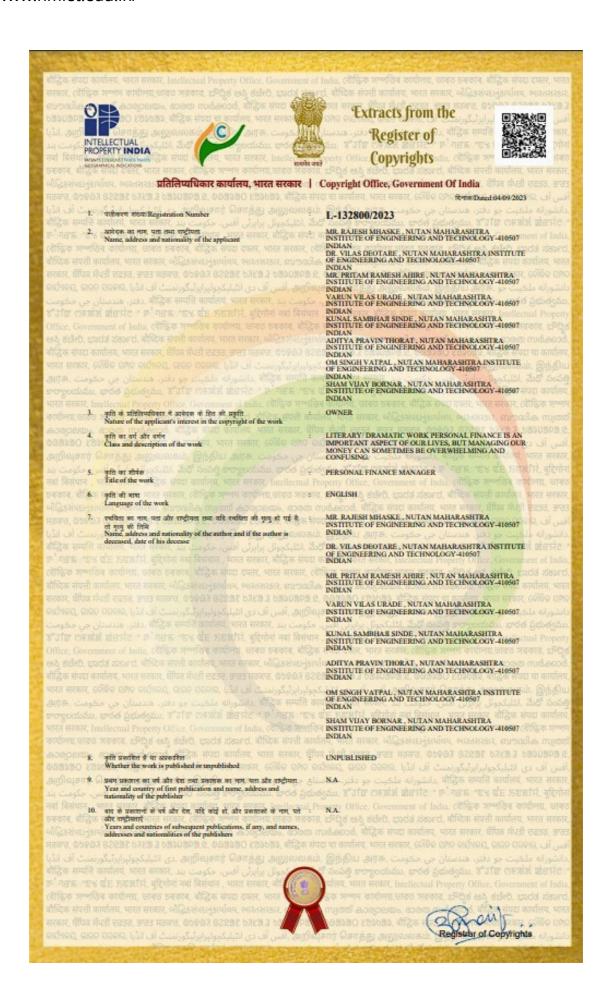


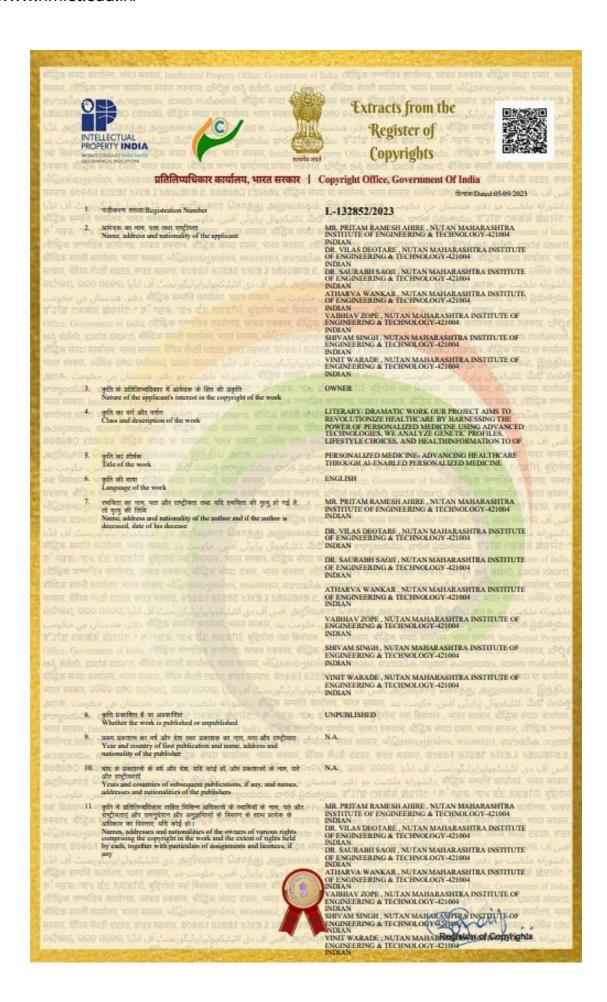


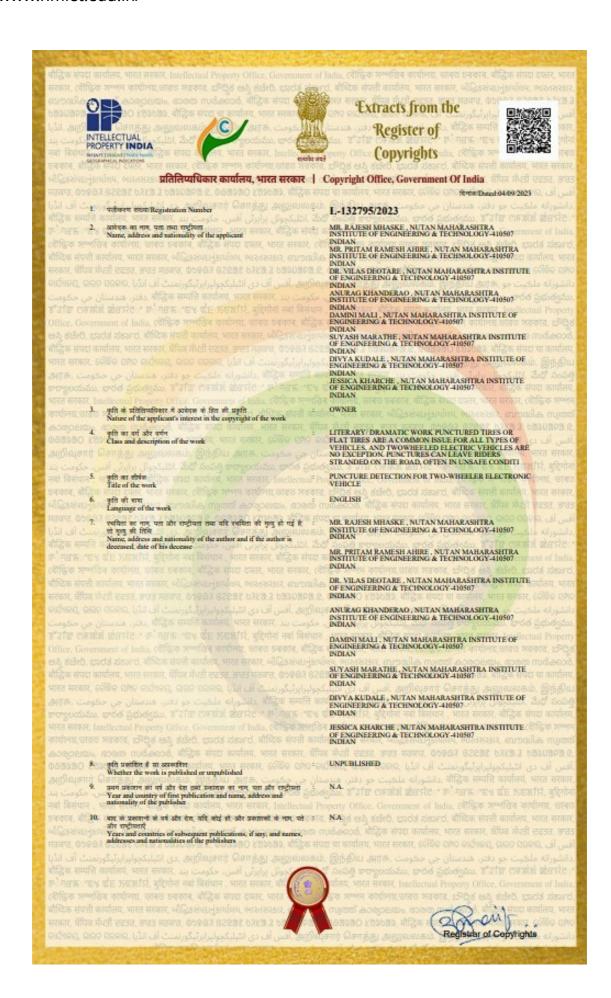


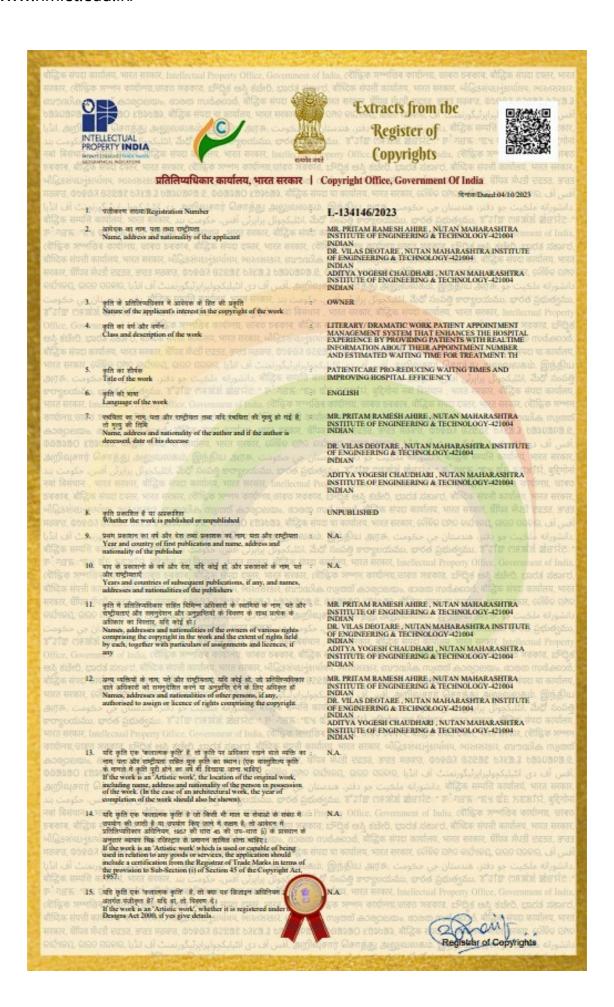


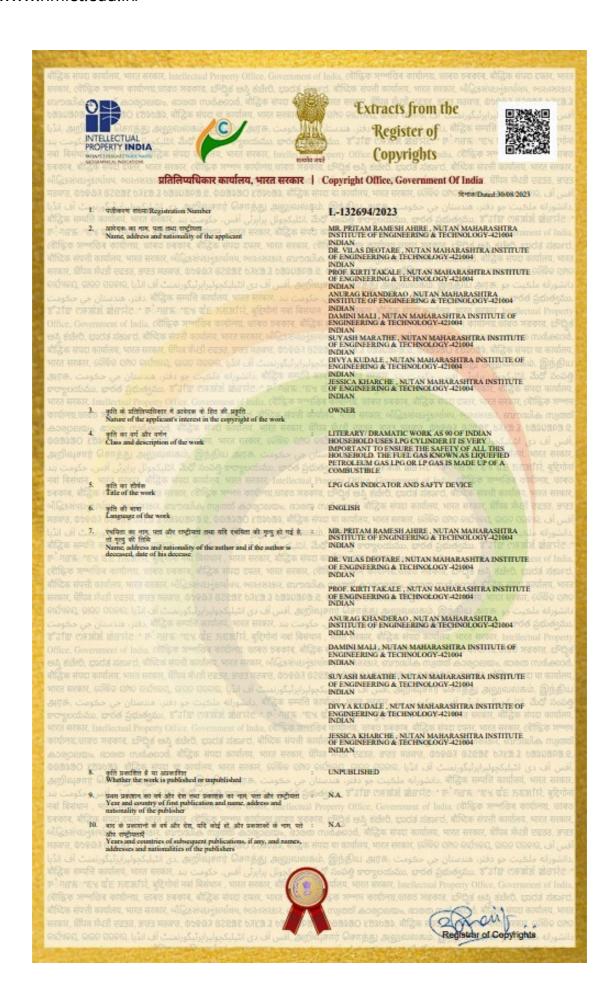


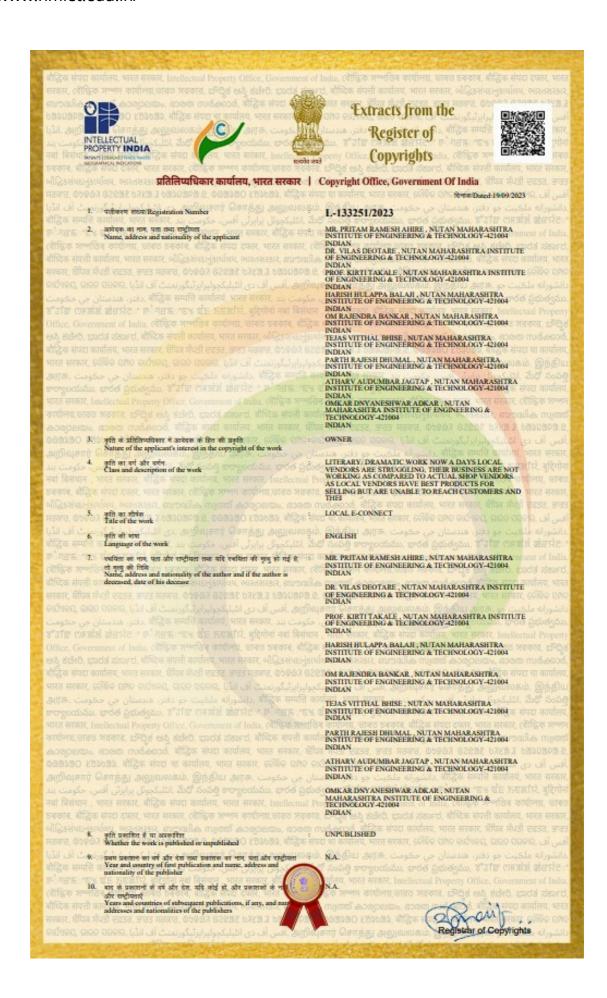


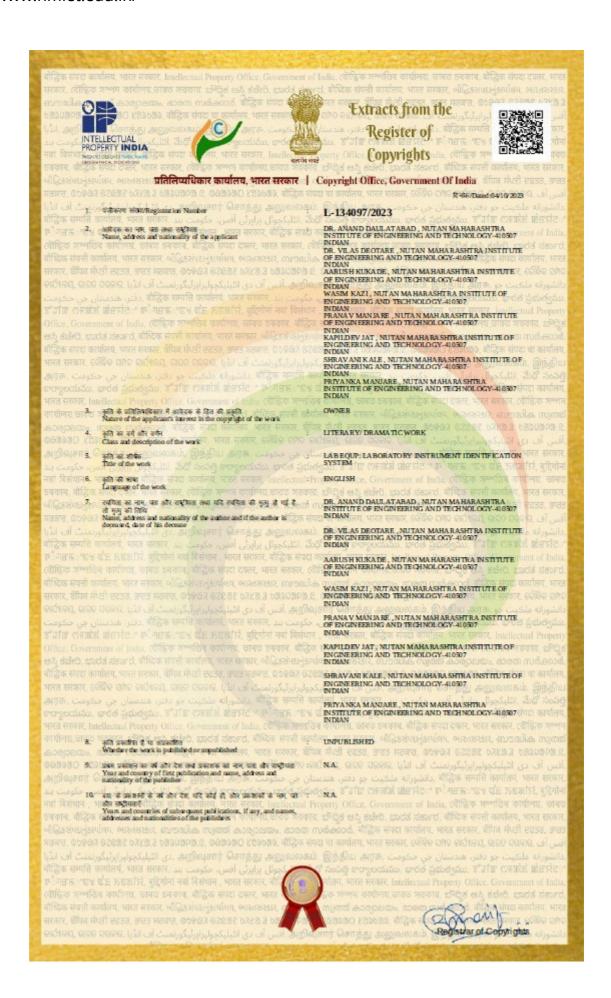


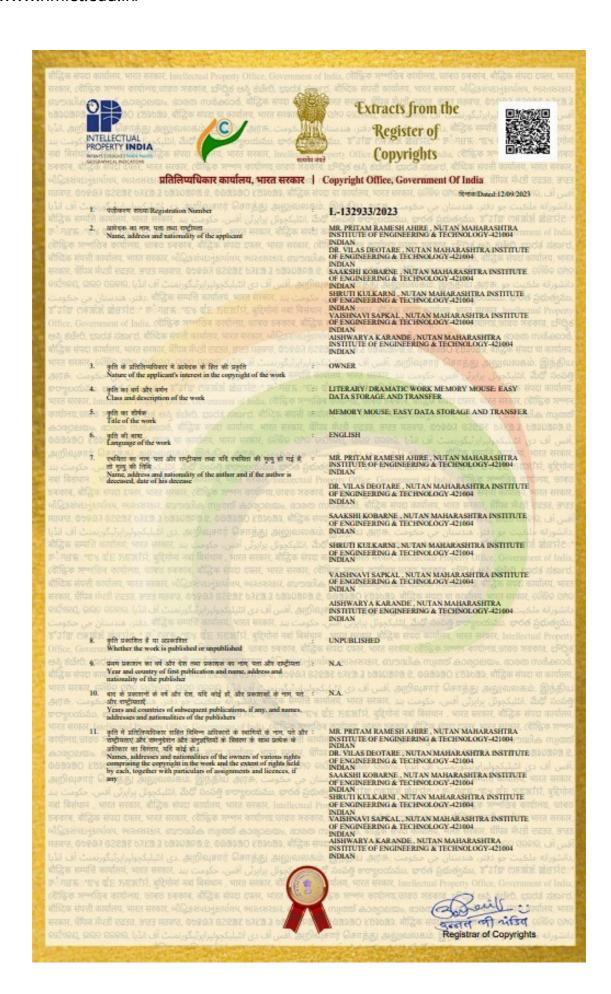


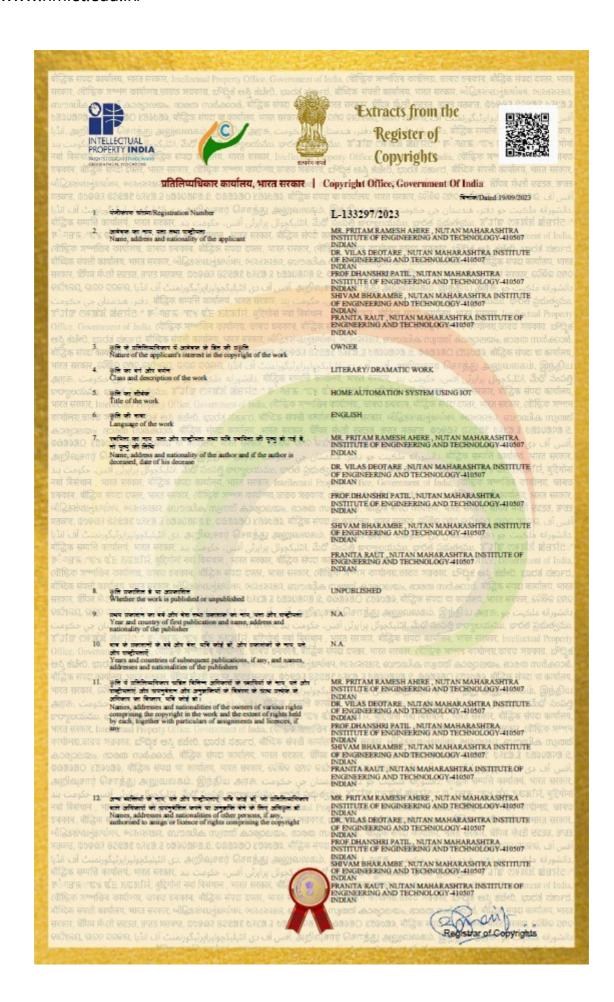


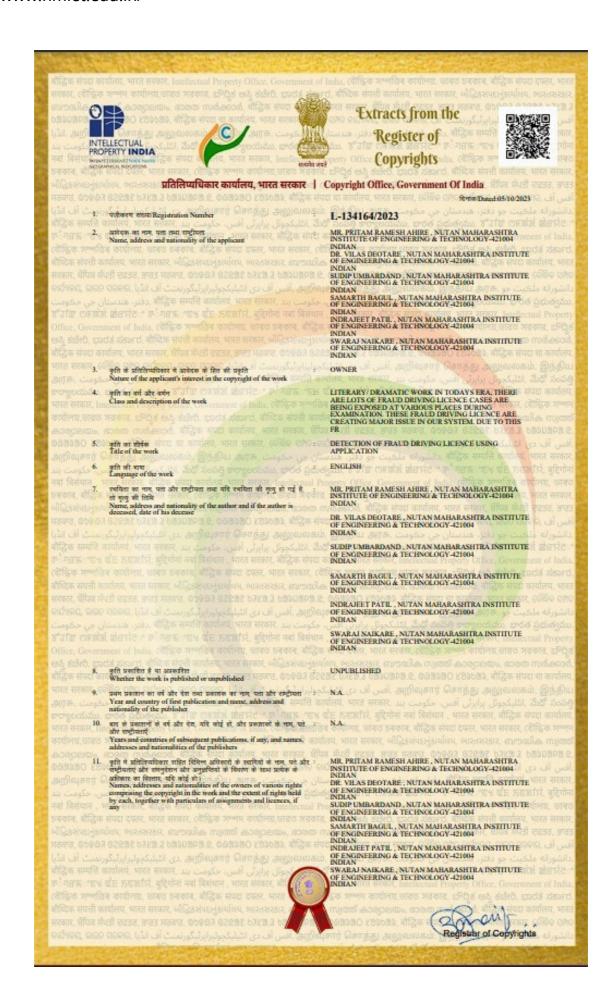


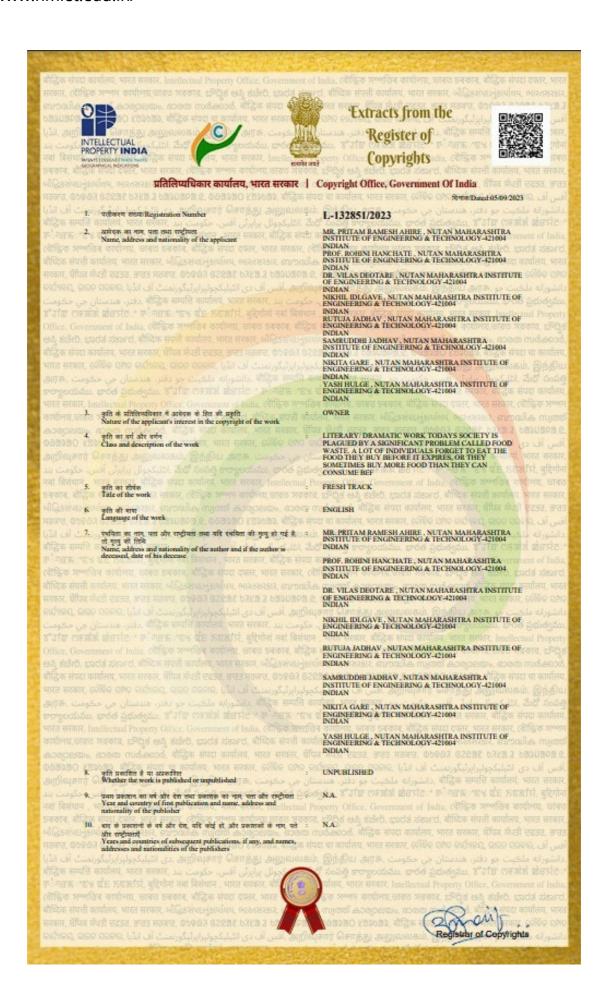


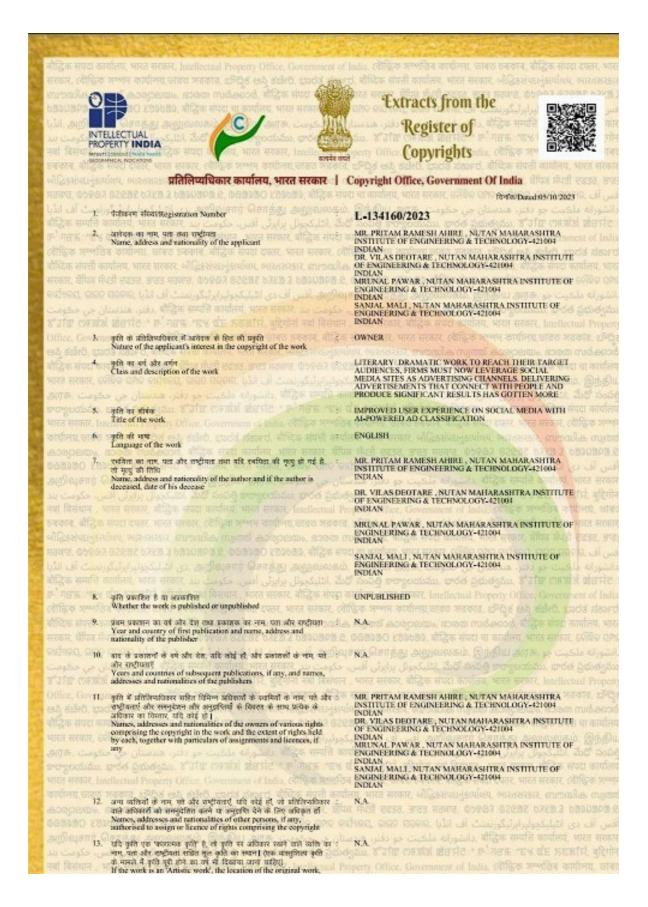


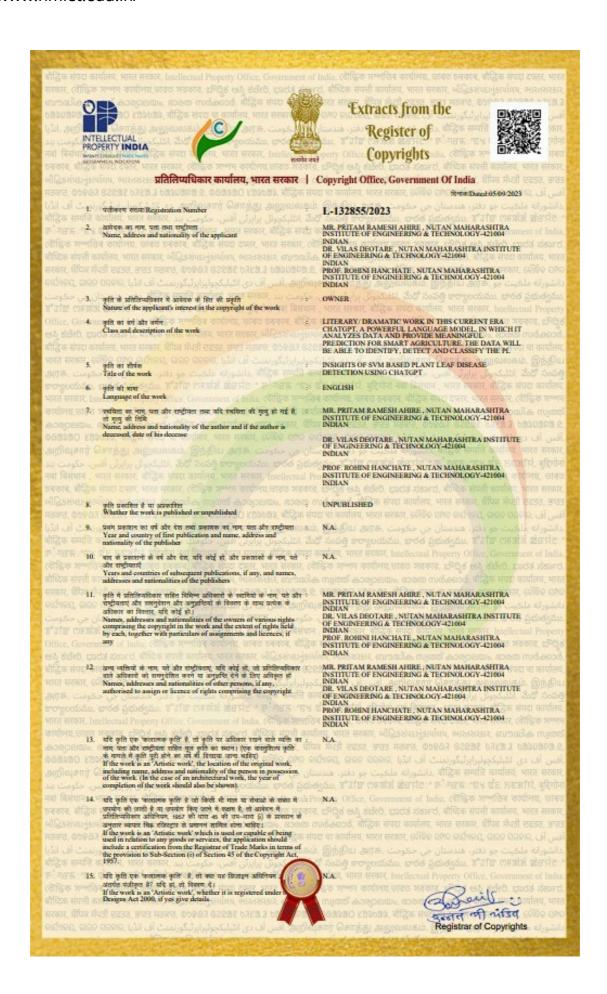




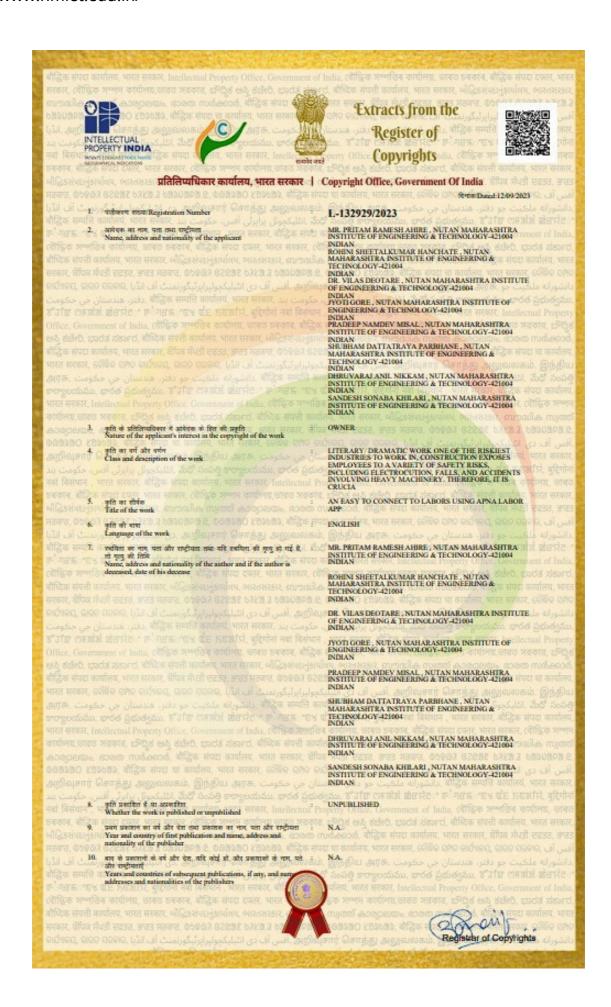


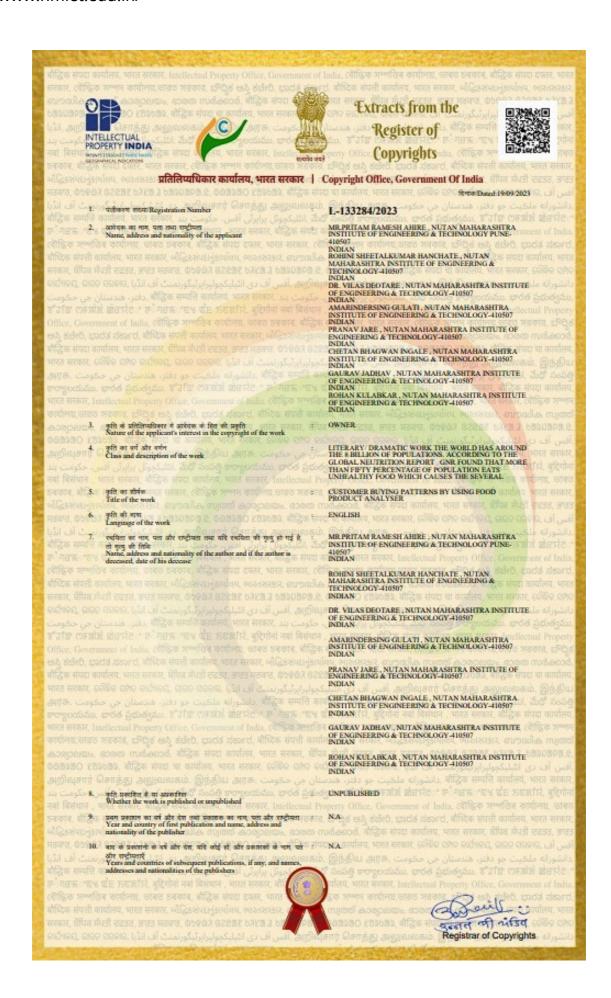


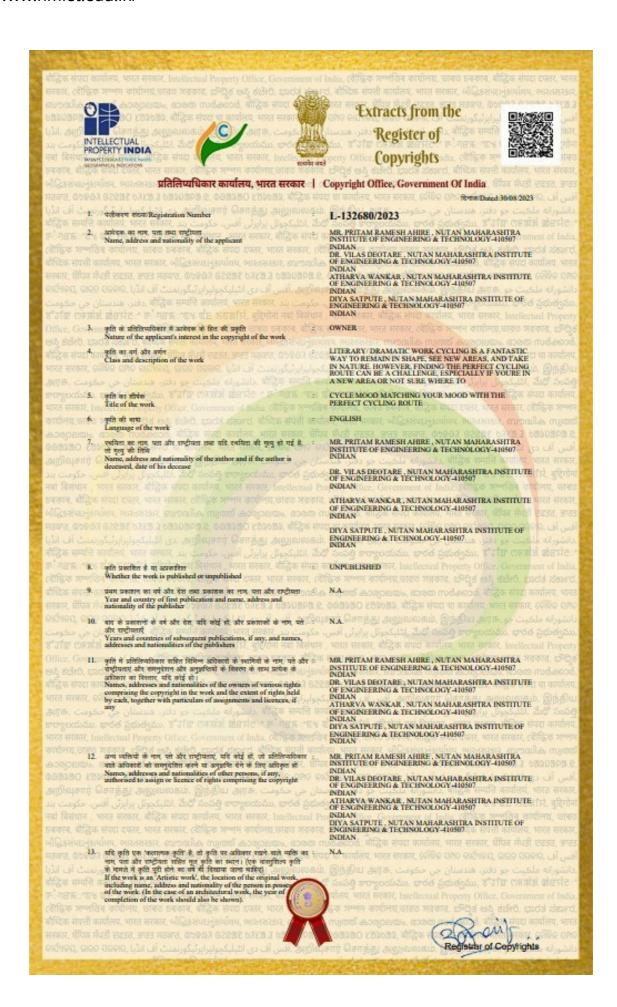


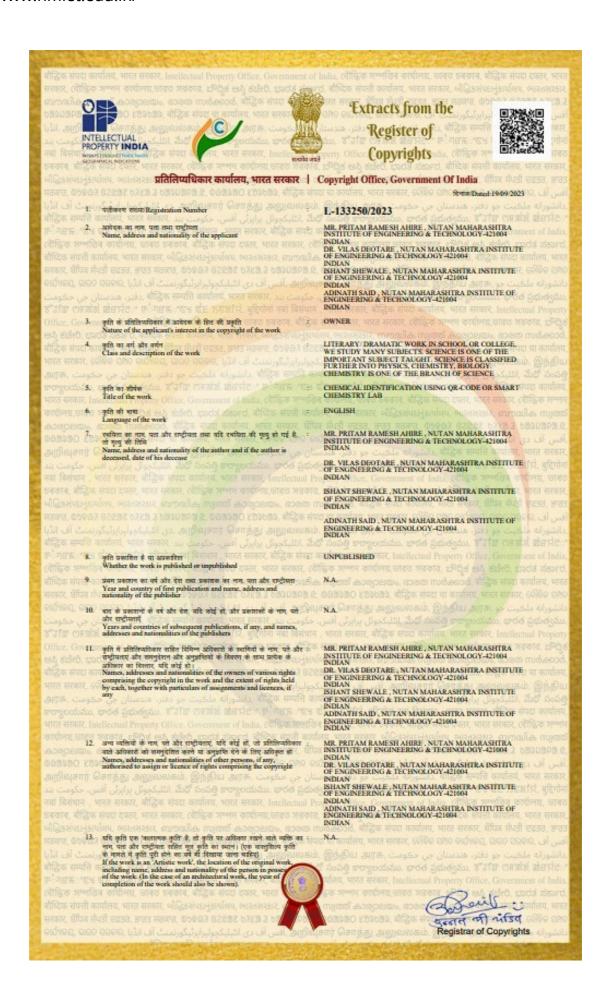


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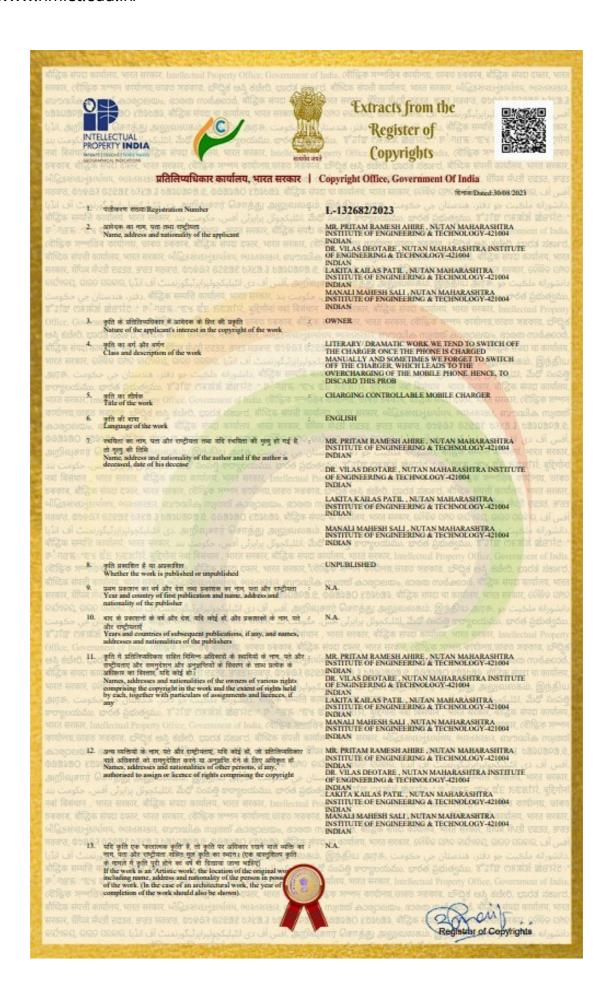


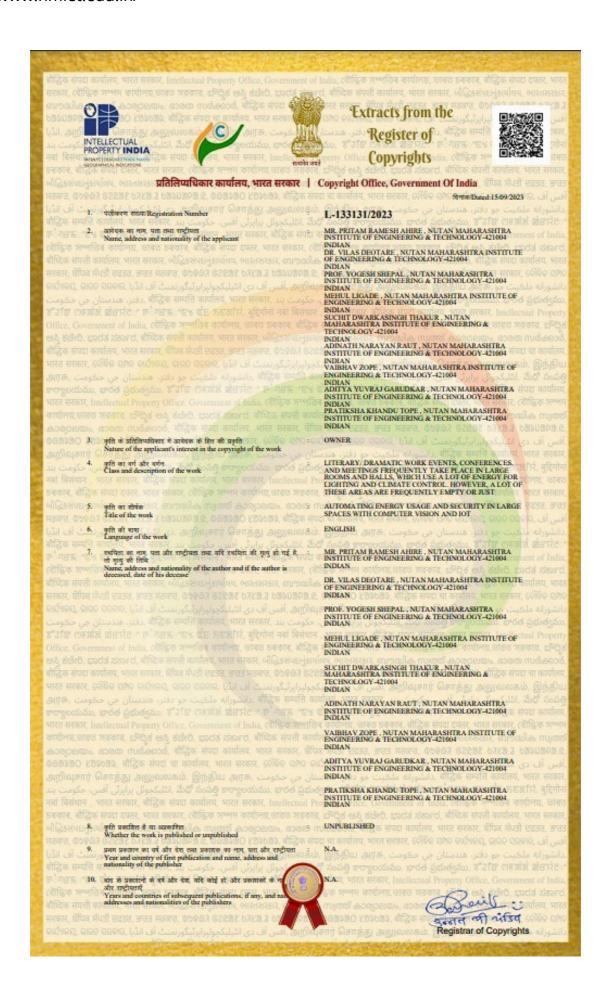


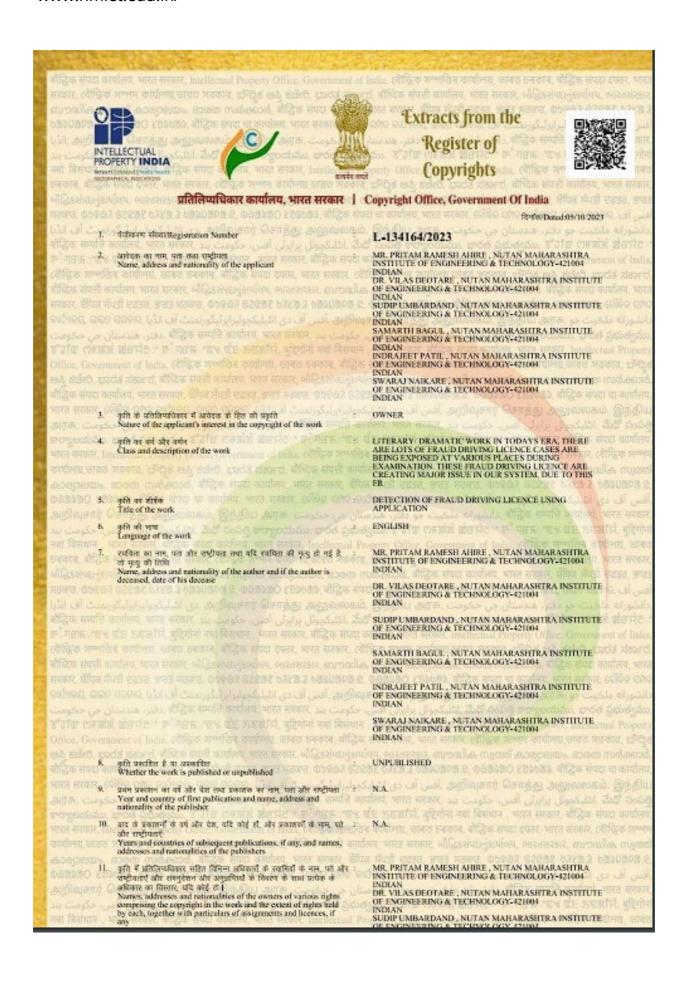


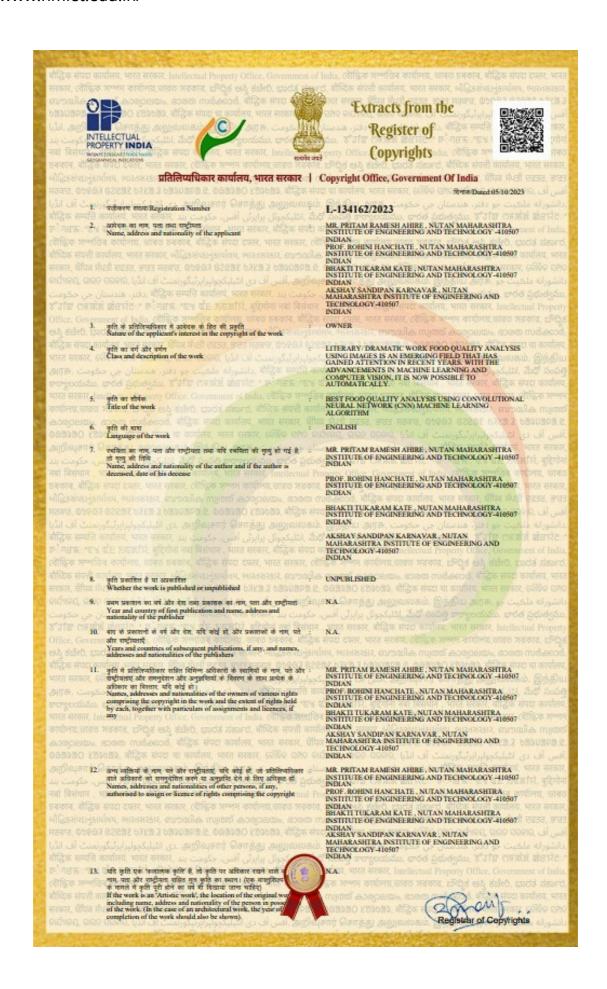


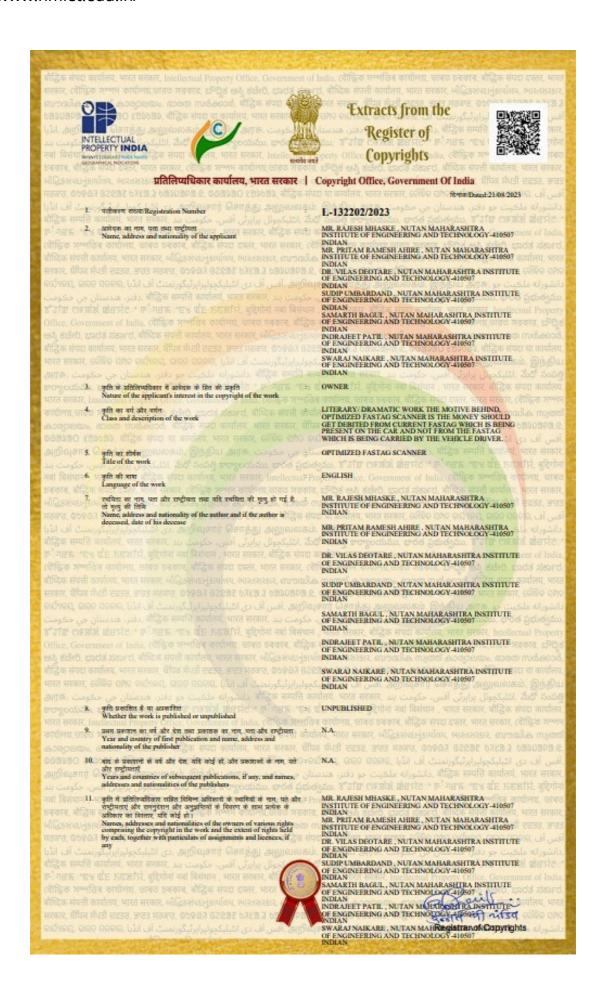


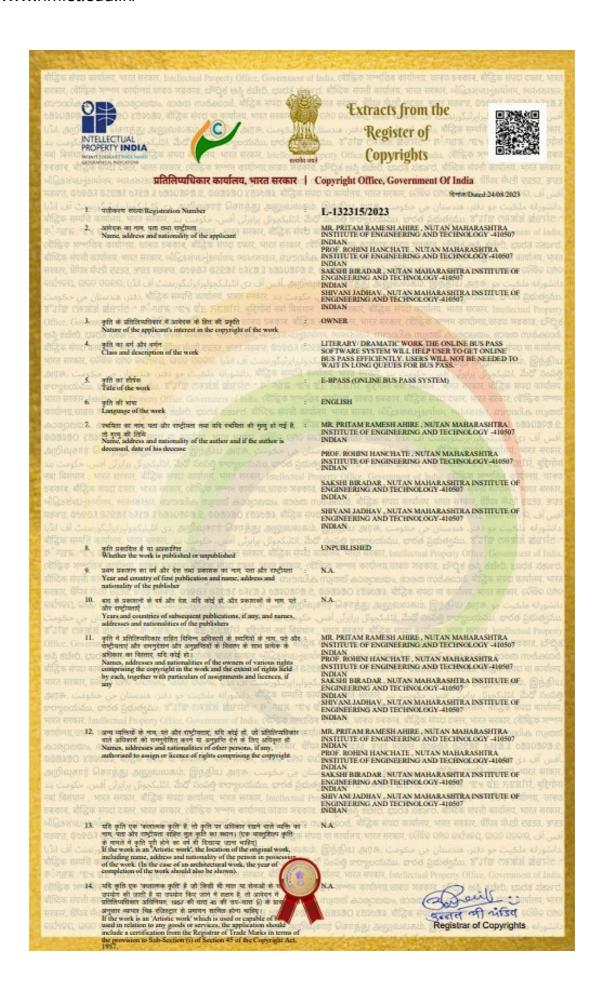


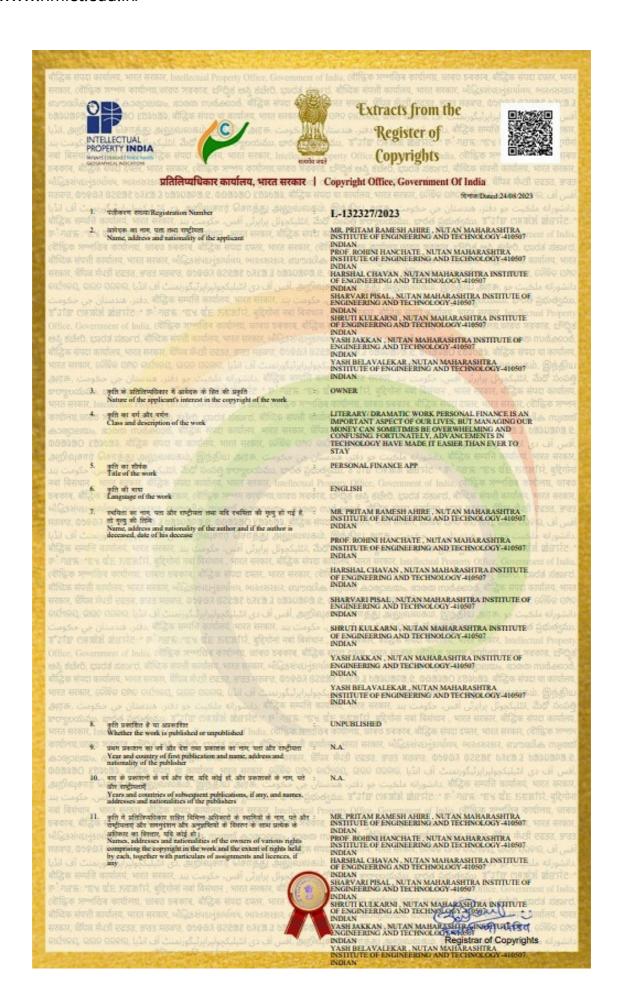


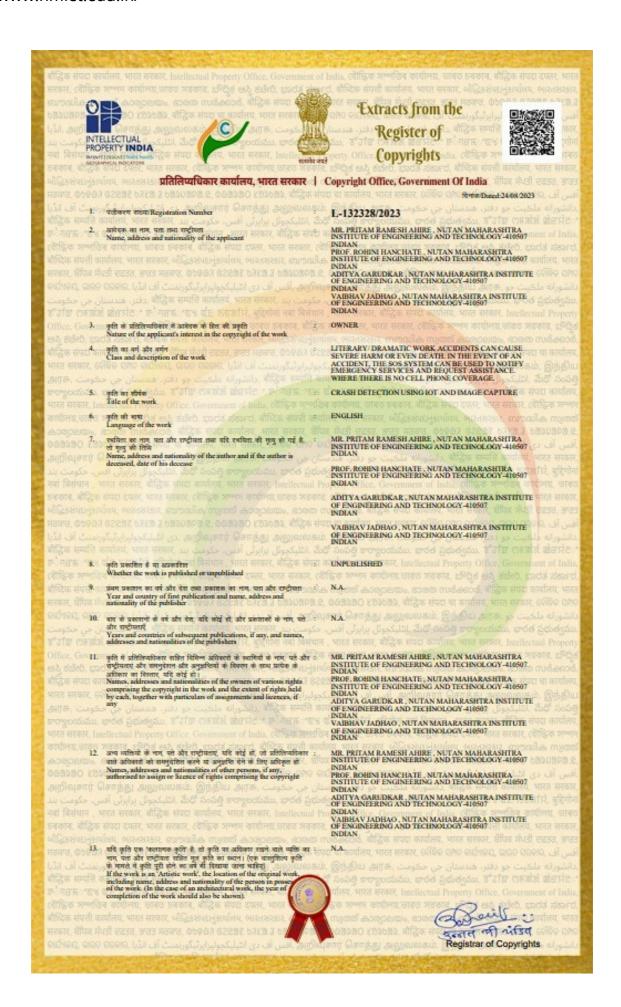


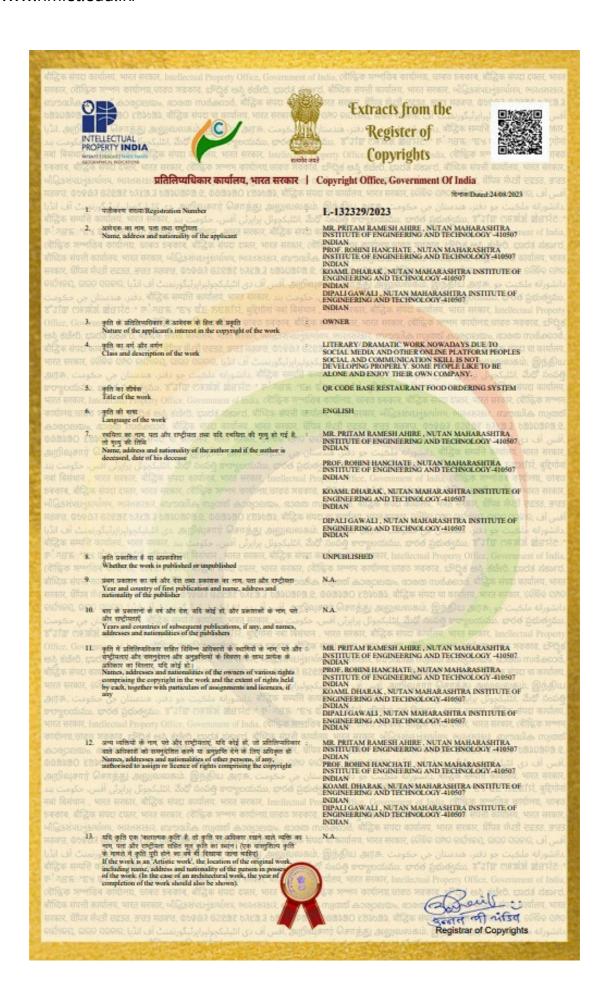


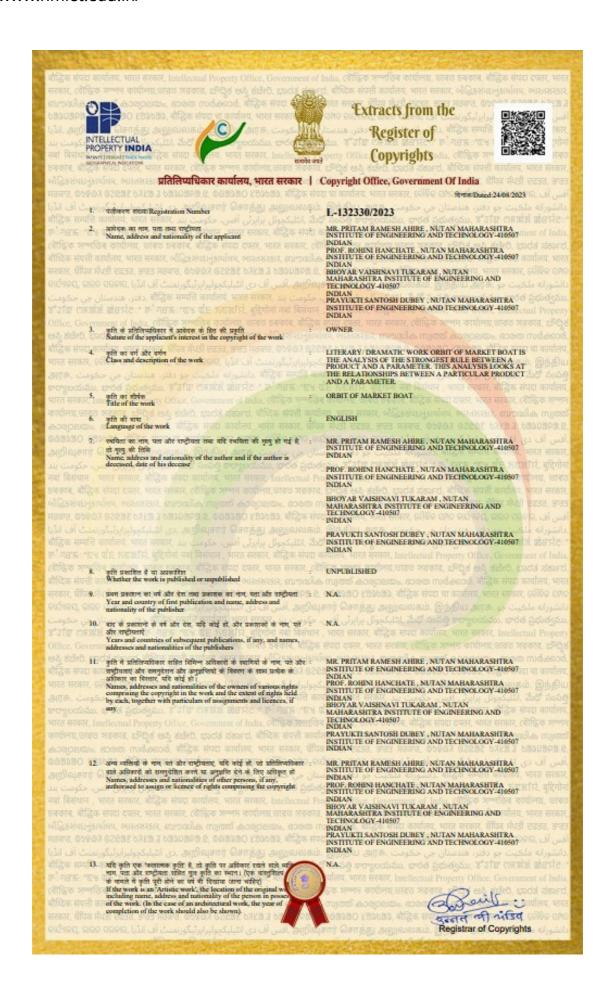


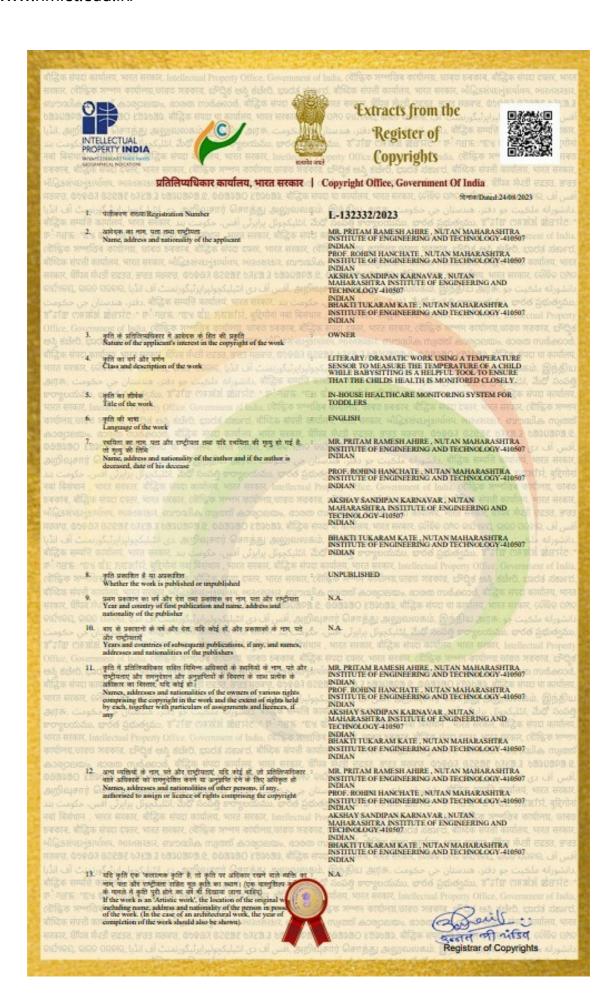


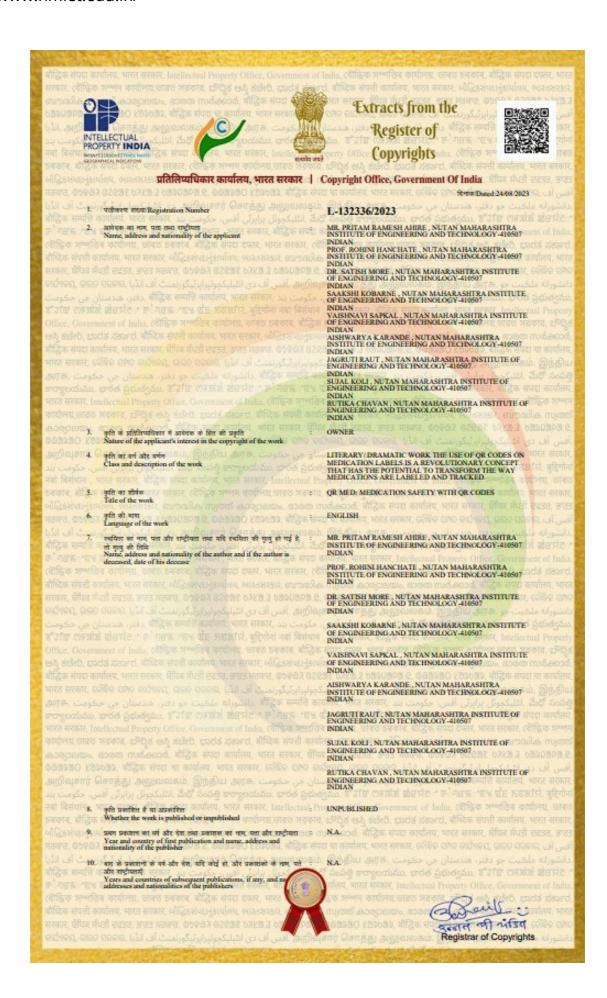


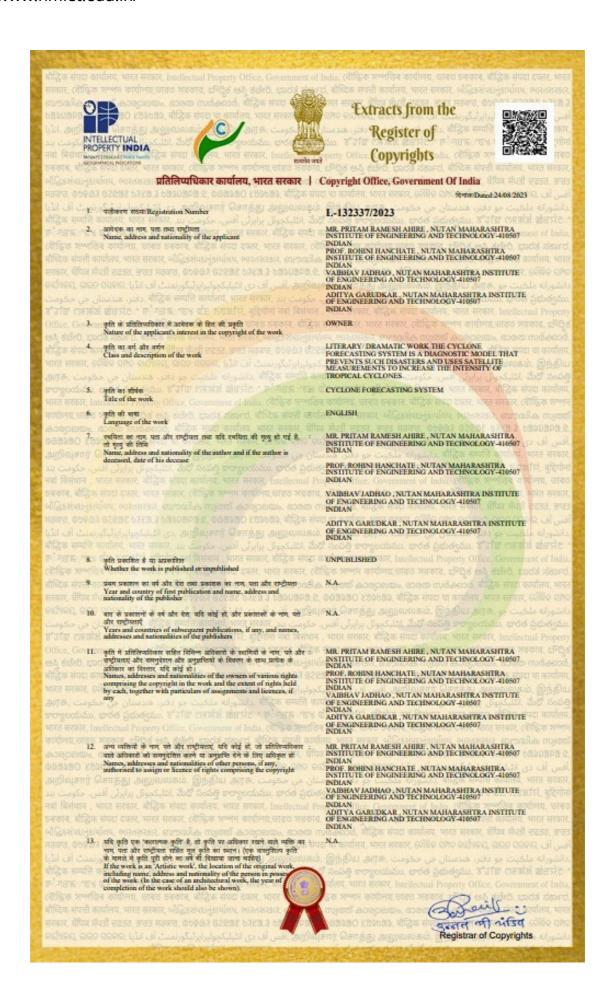


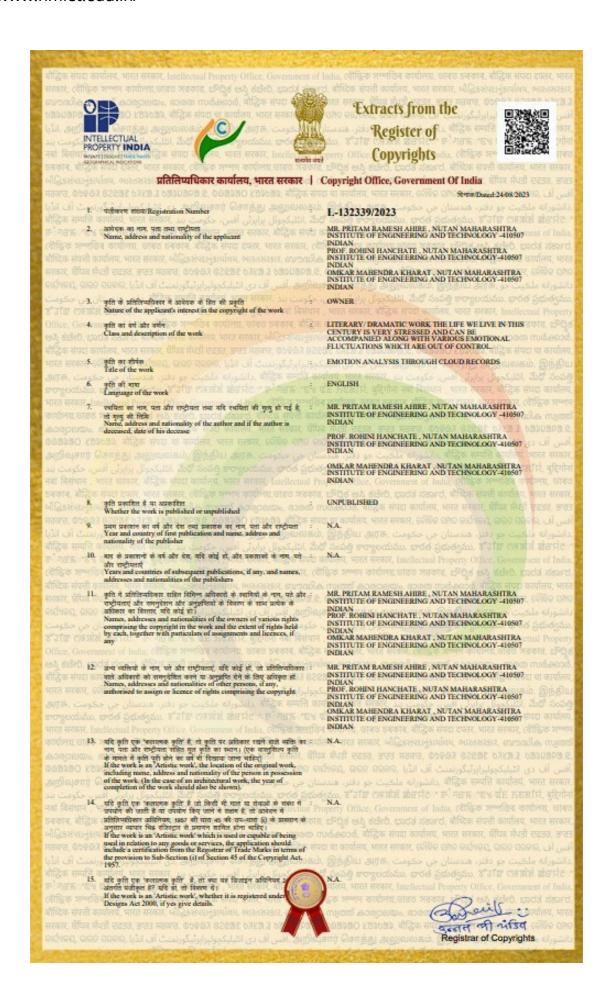


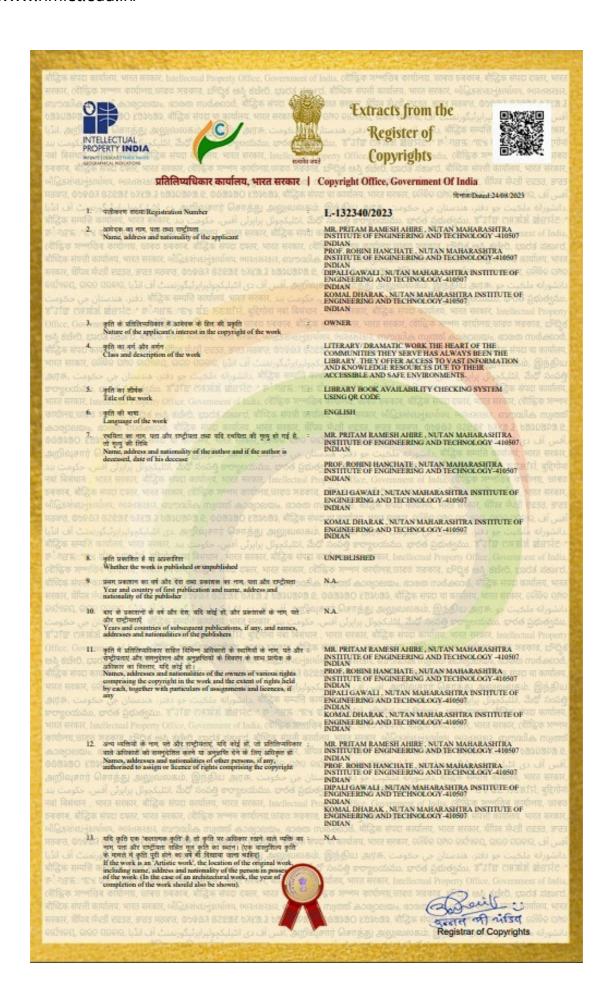


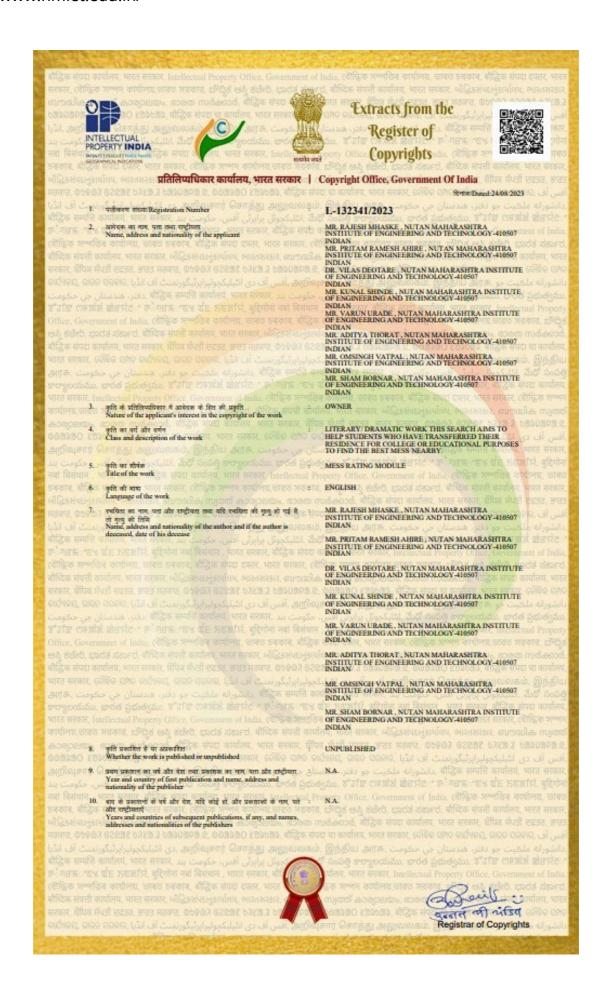


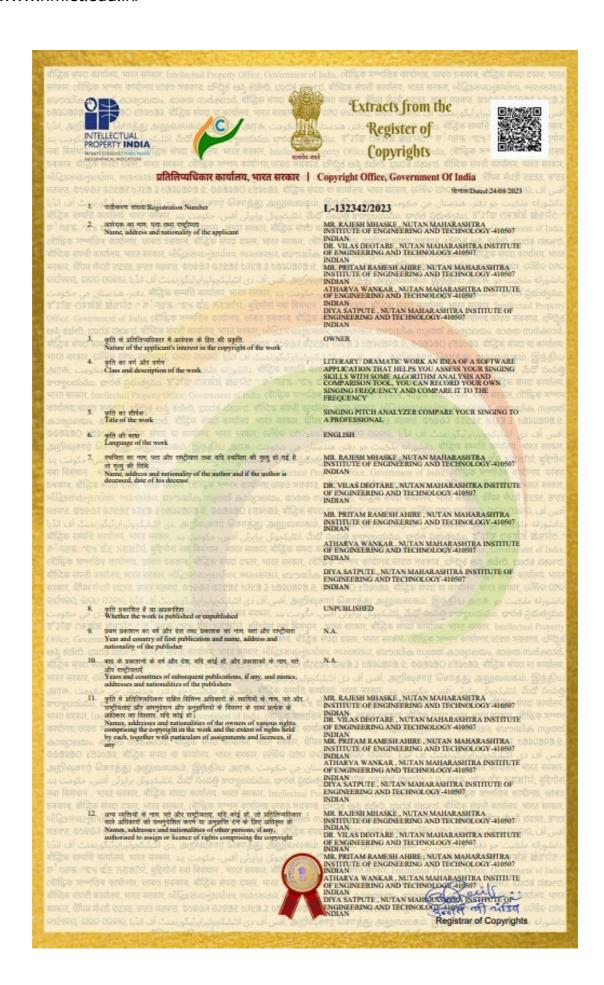


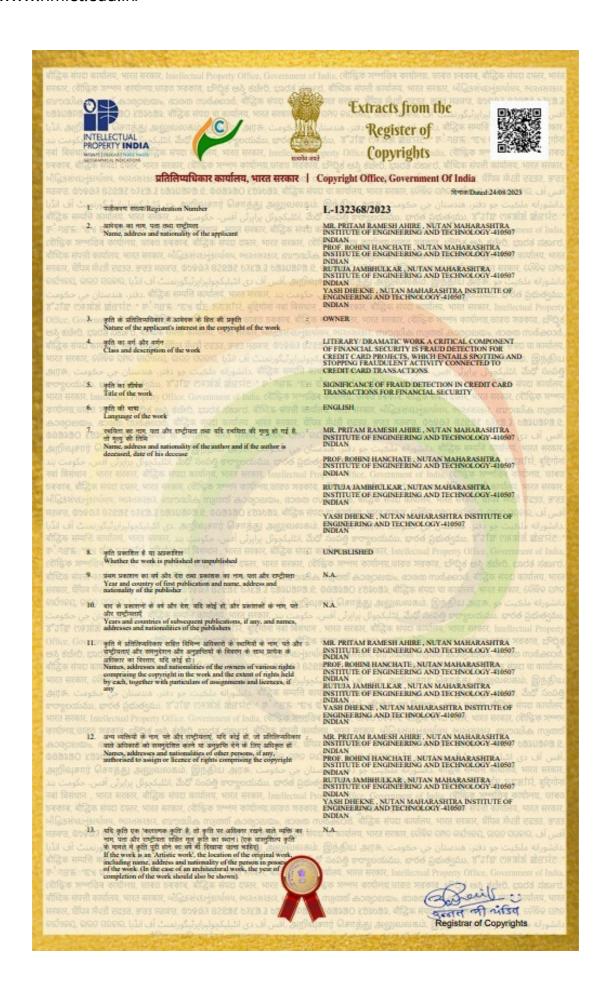


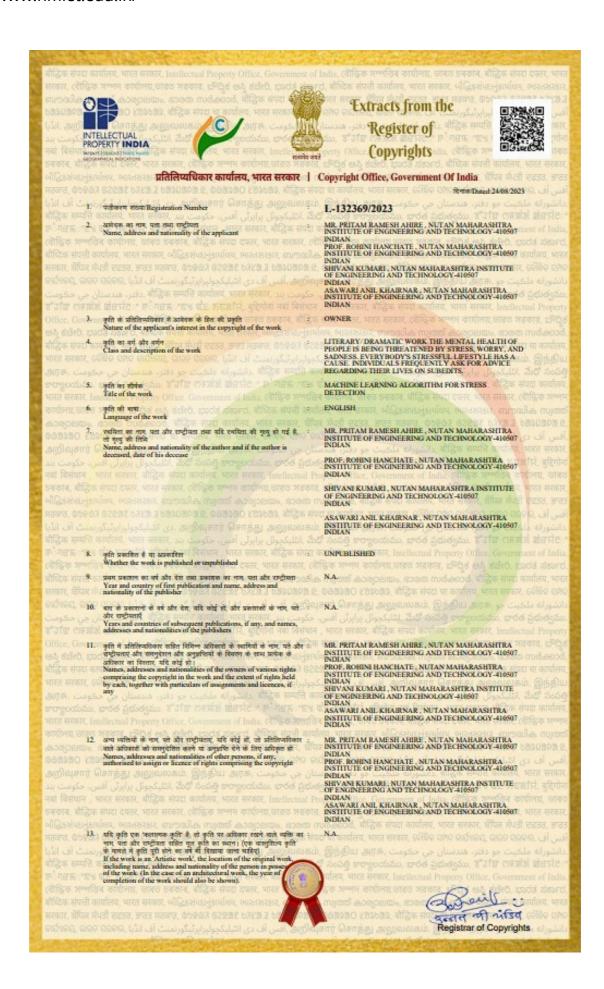


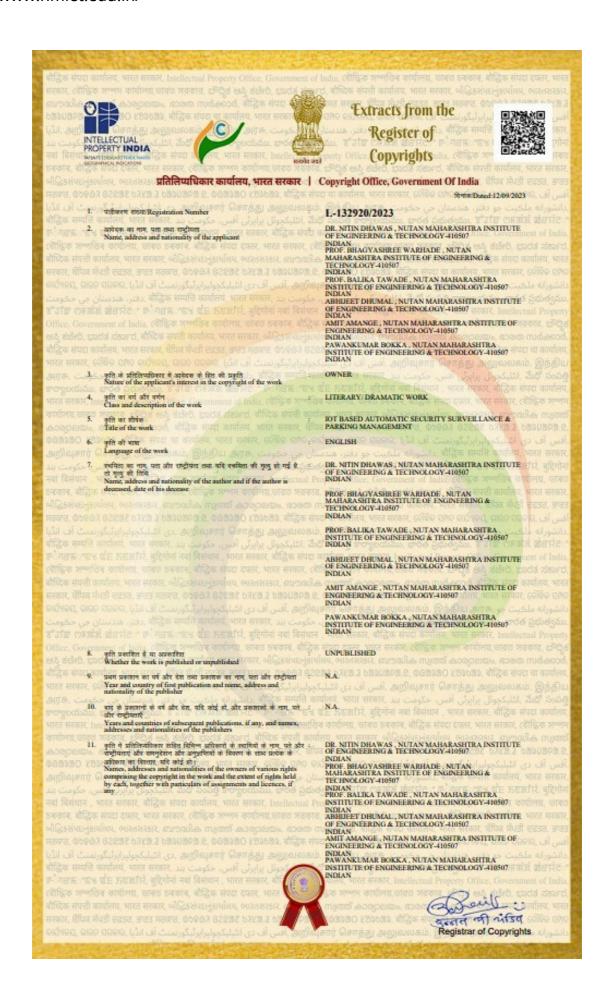


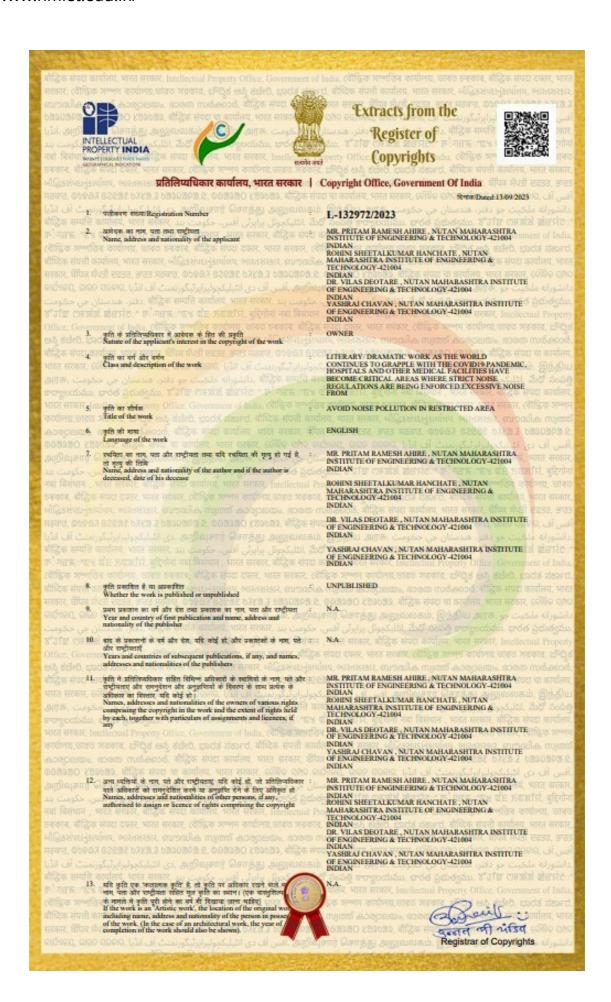


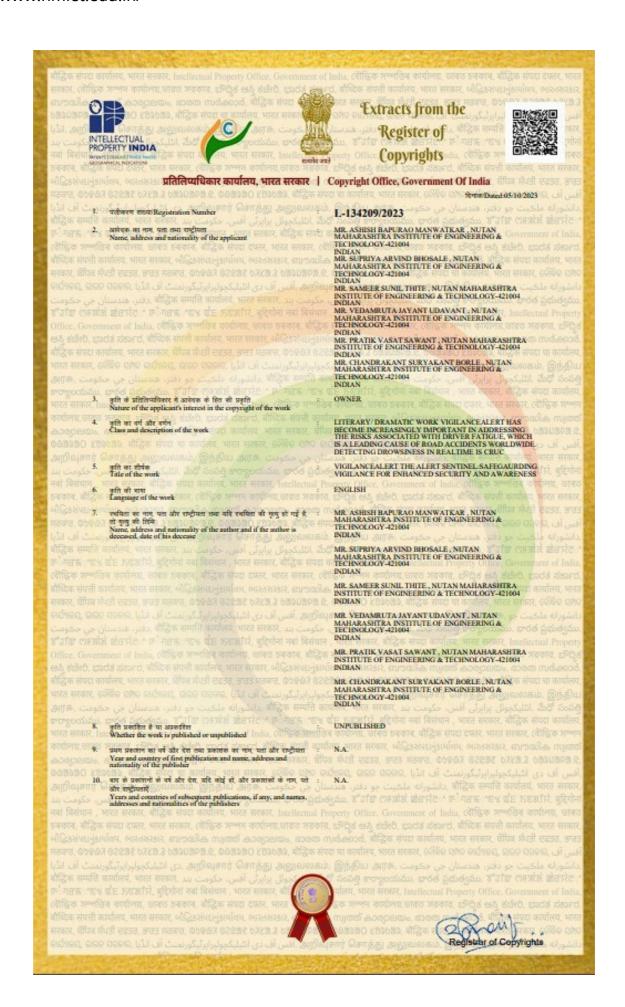


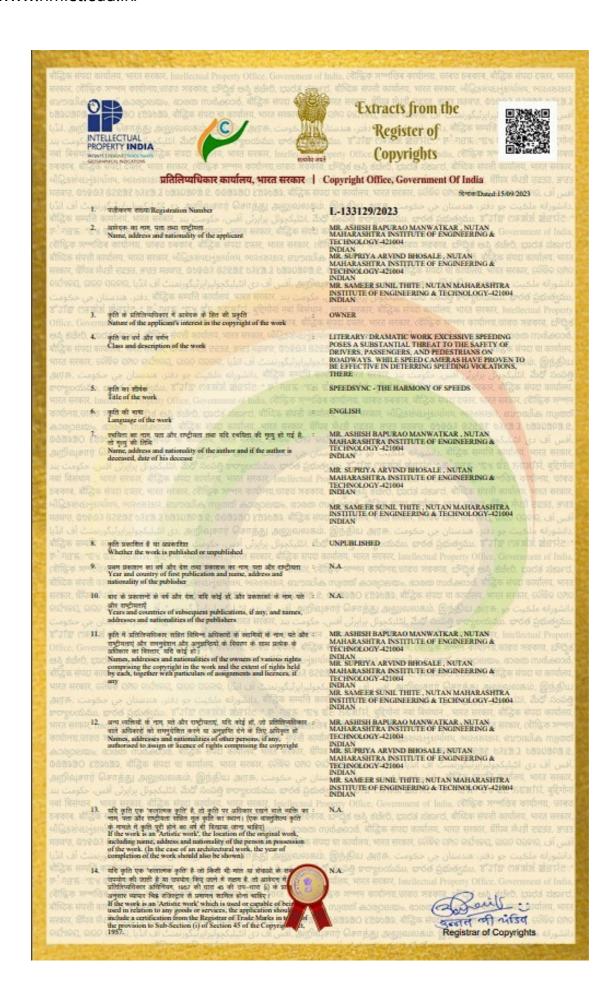




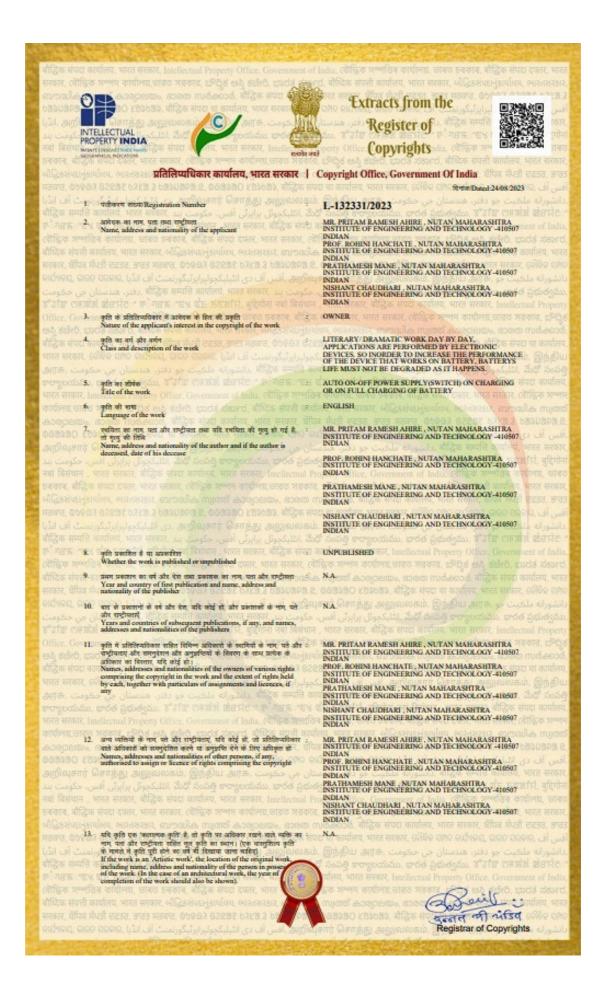


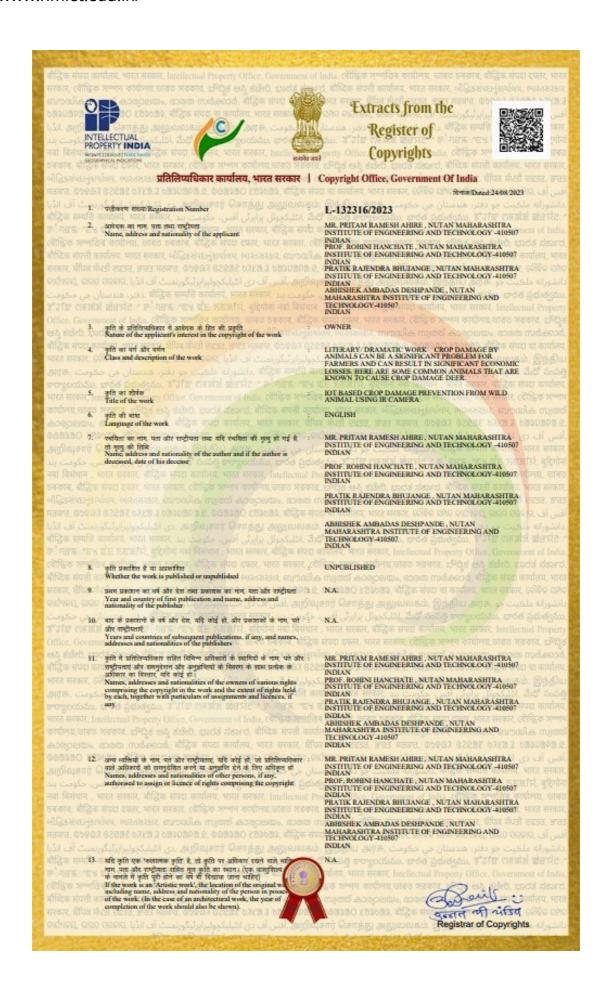


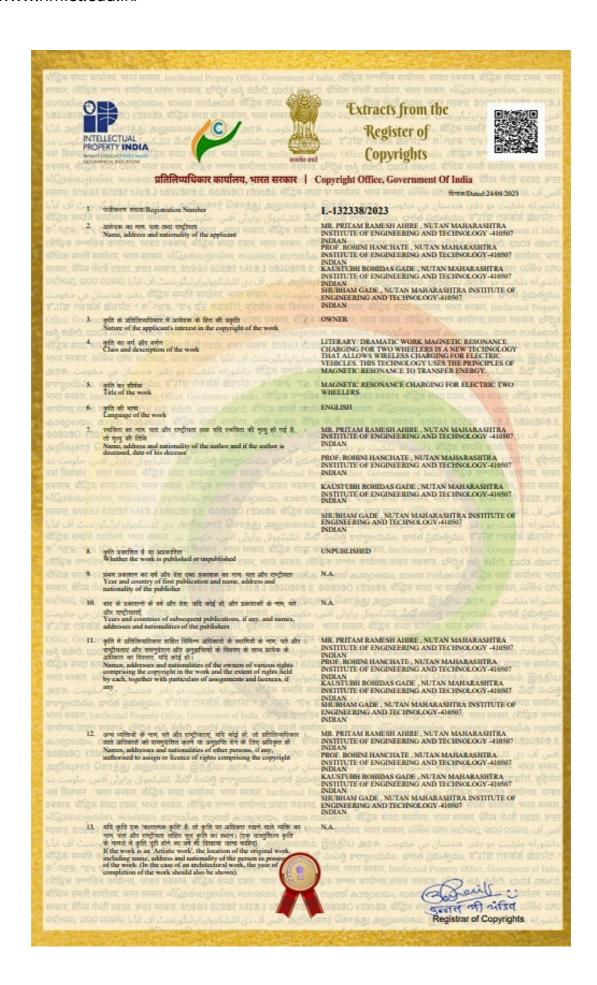


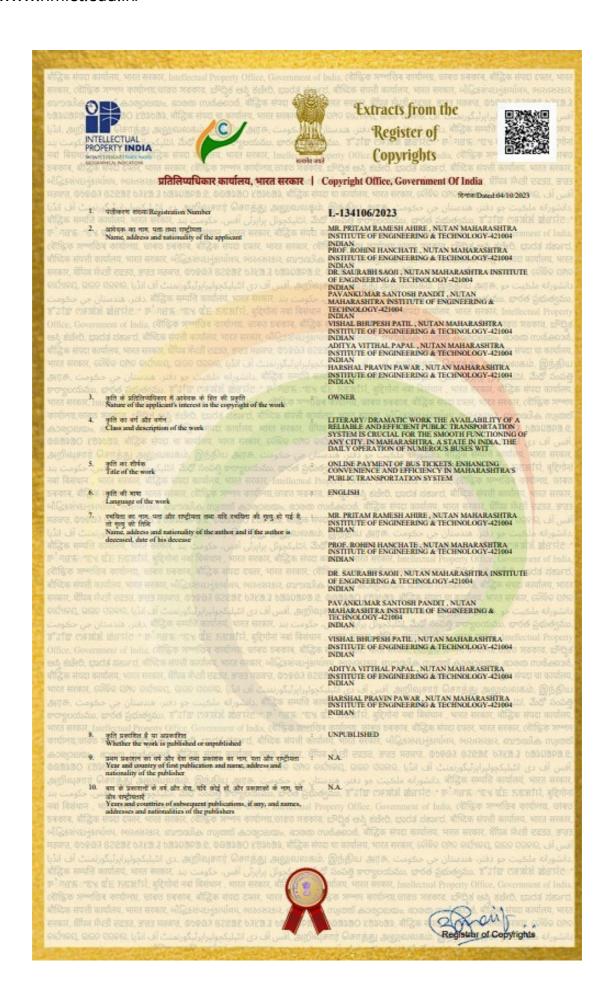


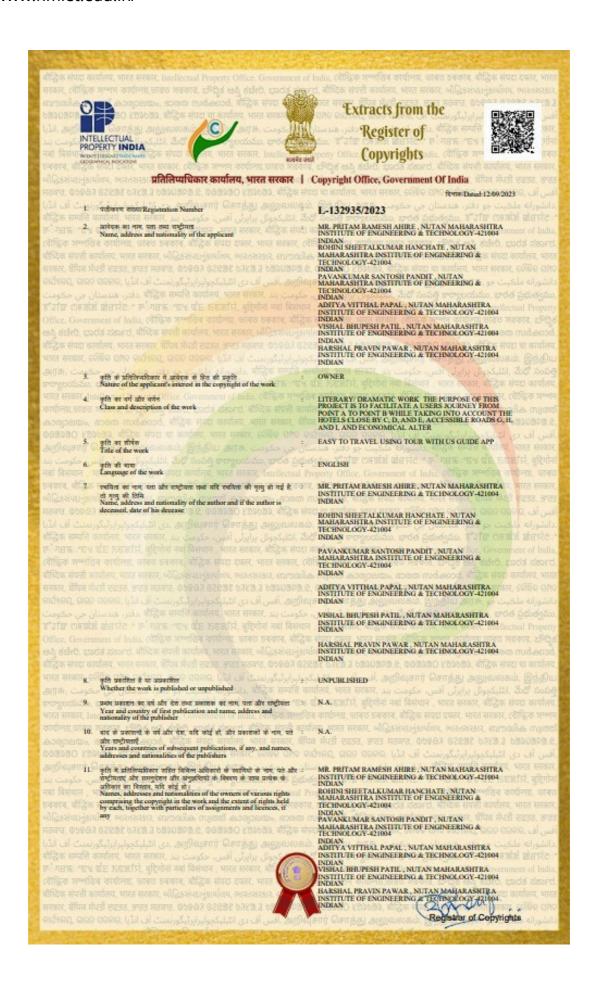


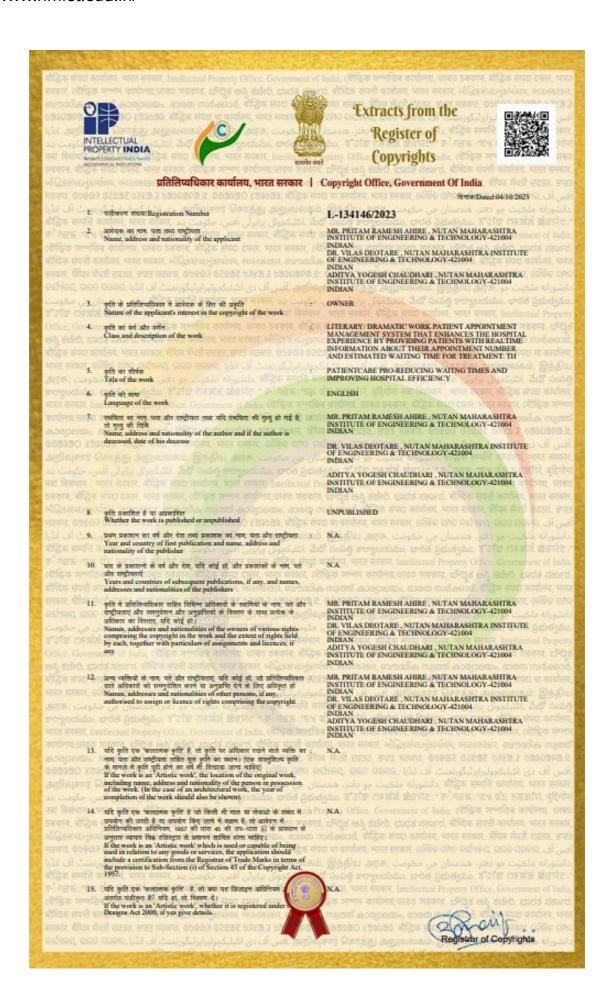


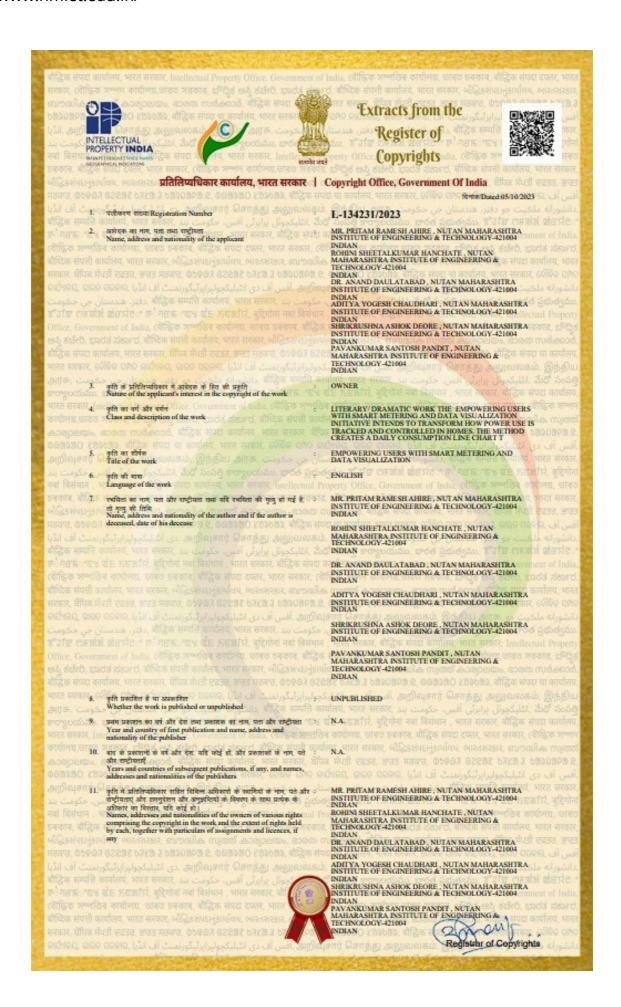


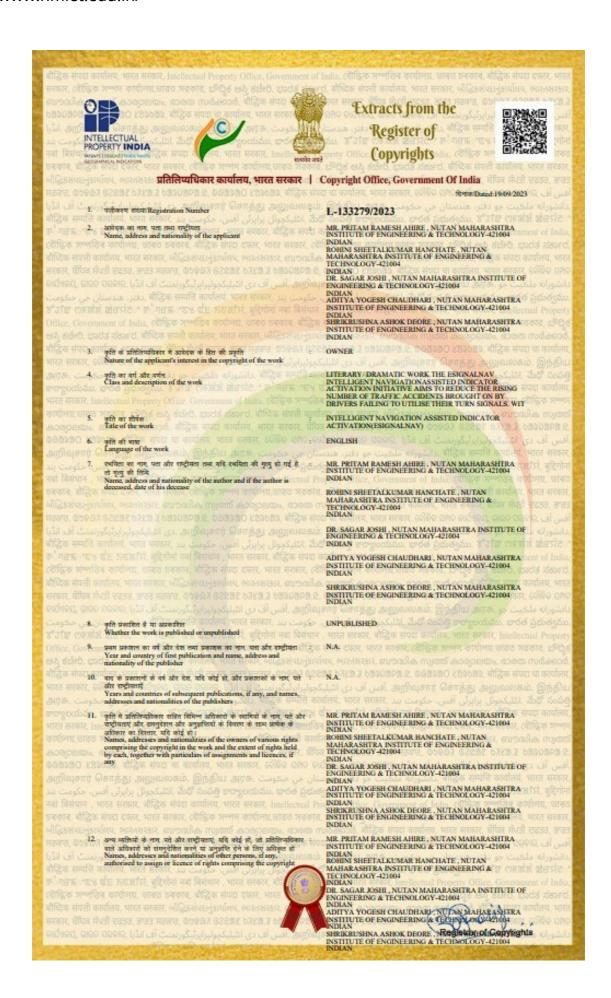




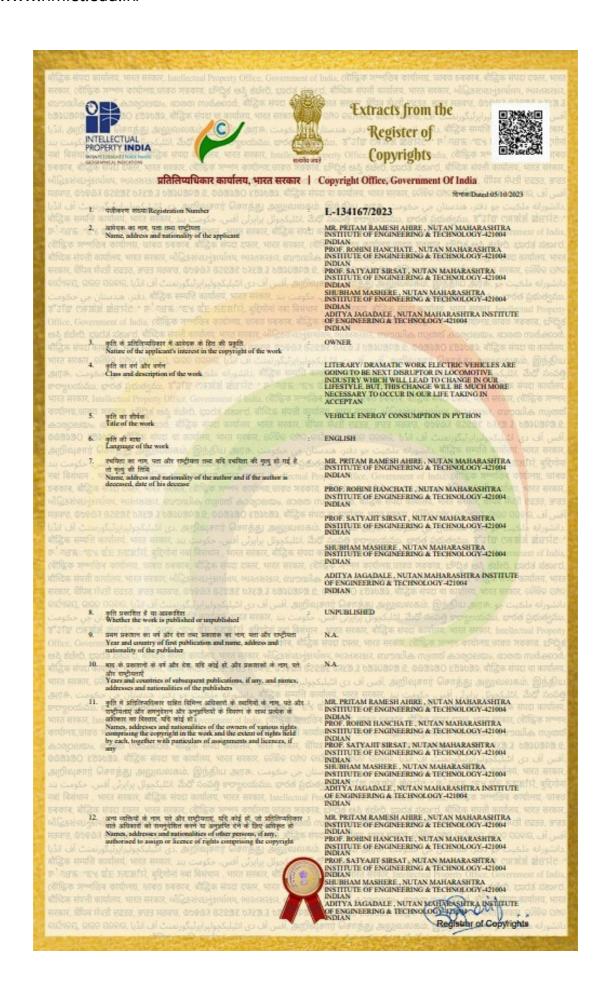


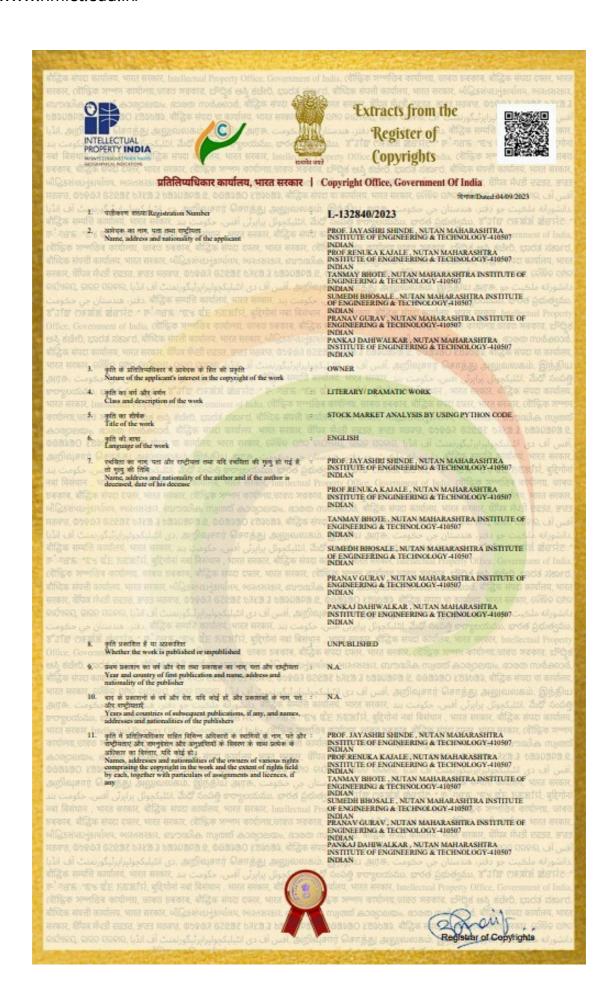


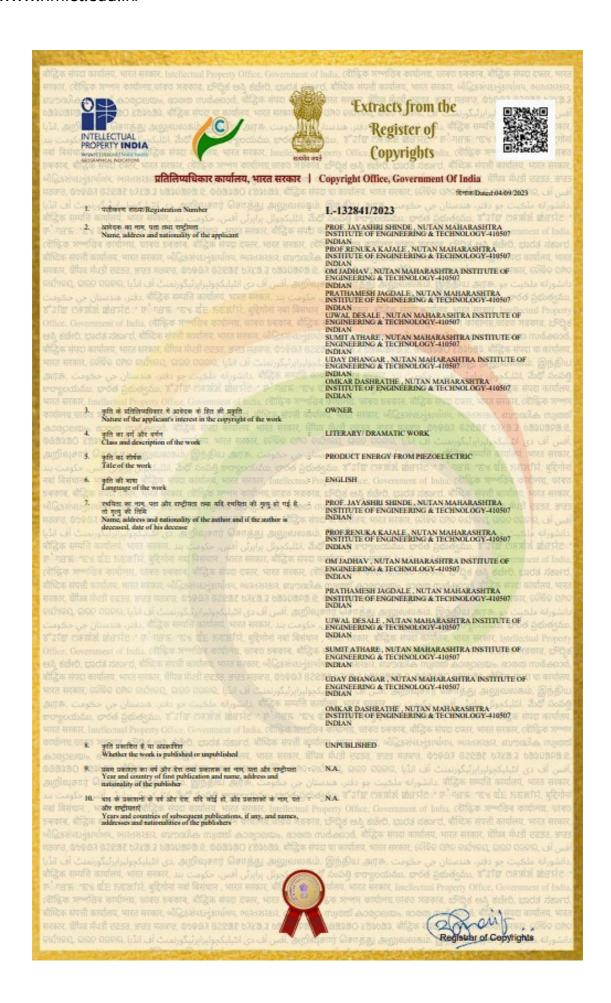






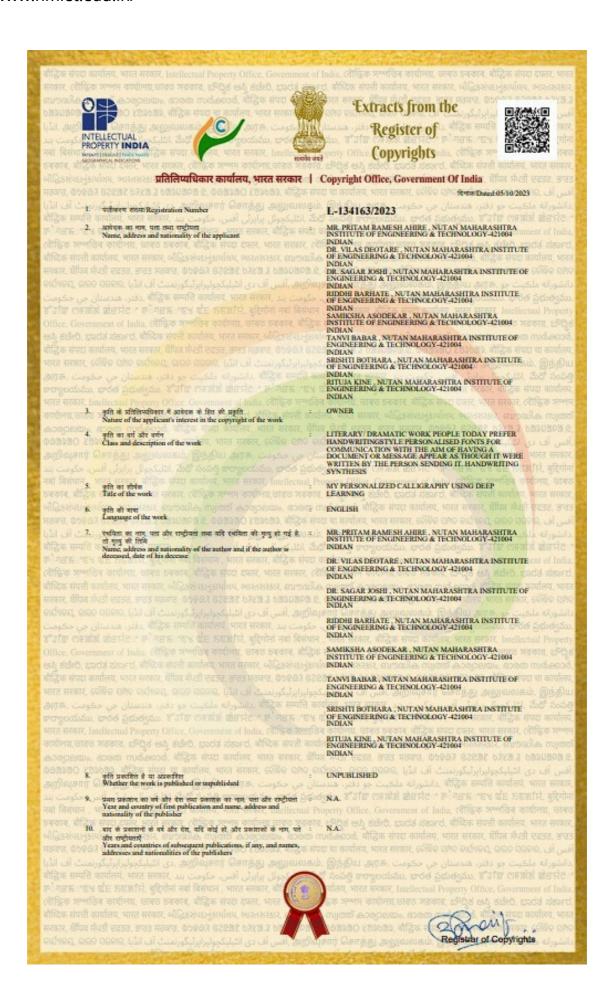




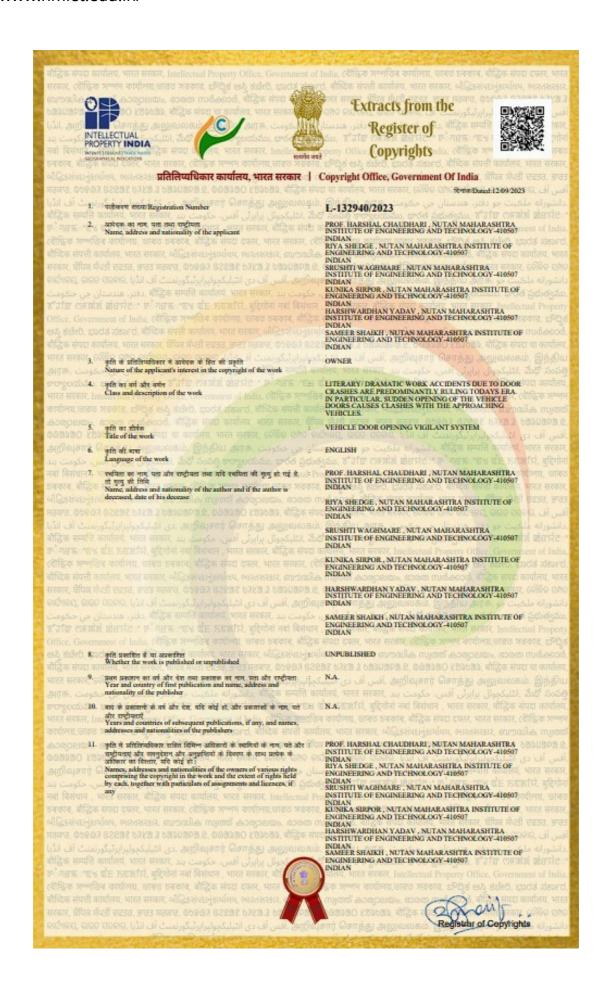


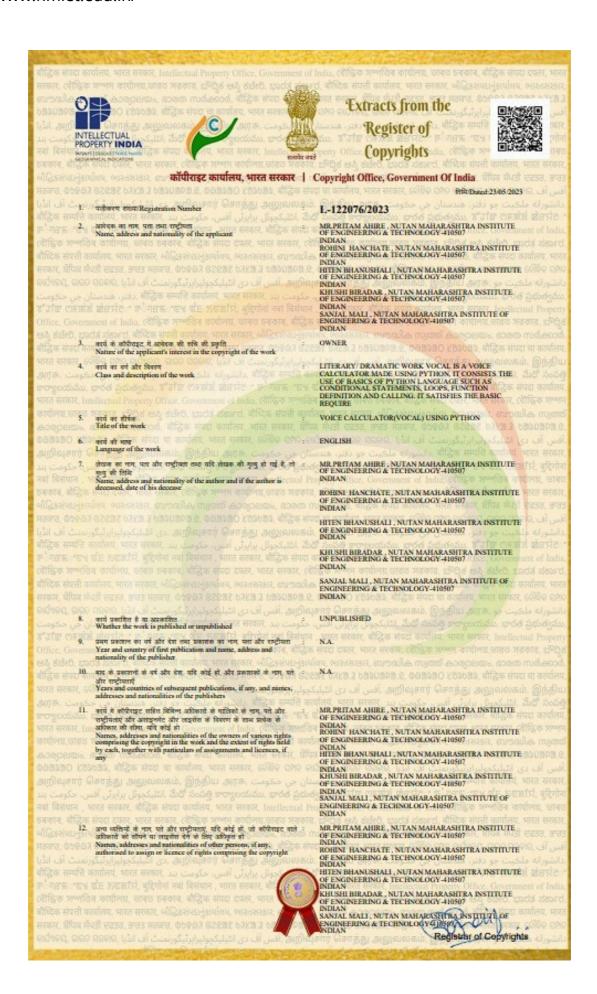


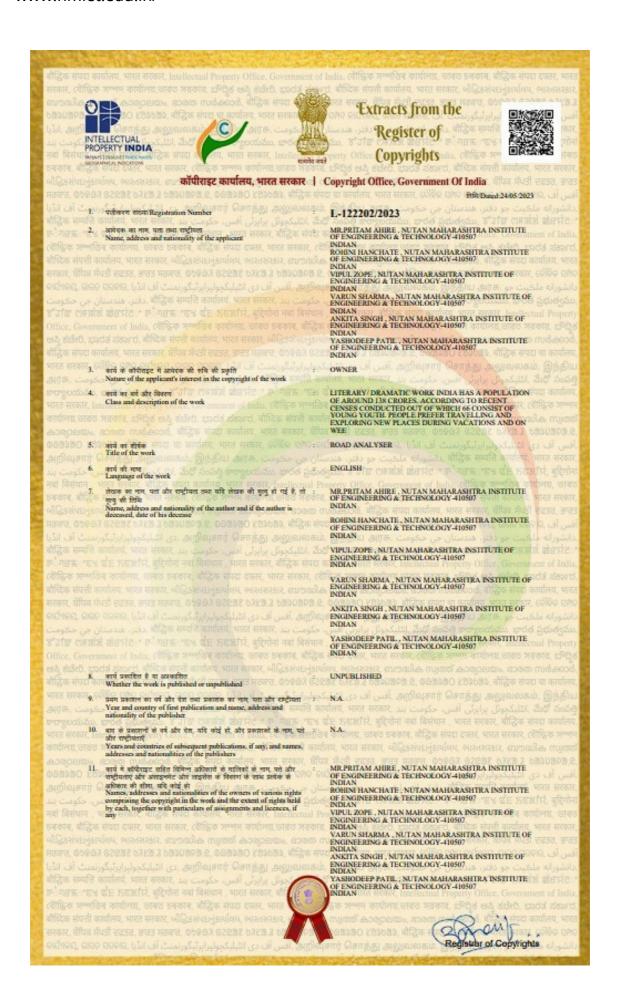
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<ol> <li>তথিলা কা লাভ, ঘলা এটা বাকুলিলা প্ৰজন নাই কাছিলা কা দুলু কা দুই জ্বল লা কুলু কা দিকি Name, address and nationality of the author and if the author is</li> </ol>	MR. PRITAM RAMESH AHIRE. NUTAN MAHARASHTRA INSTITUTE OF ENGINEERING & TECHNOLOGY 421604 INDIAN
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. काहु १ १४०० व्यवस्थात स्थापन स् इतिहास संपदा कार्यालय, भारत सरकार, विधिव प्रीवती स्टडन, इन्जर प्रतवत्व स्थापन स्थापन स्थापन स्थापन स्थापन स्थापन	MR. ADITYA THORAT, NUTAN MAHARASHTRA
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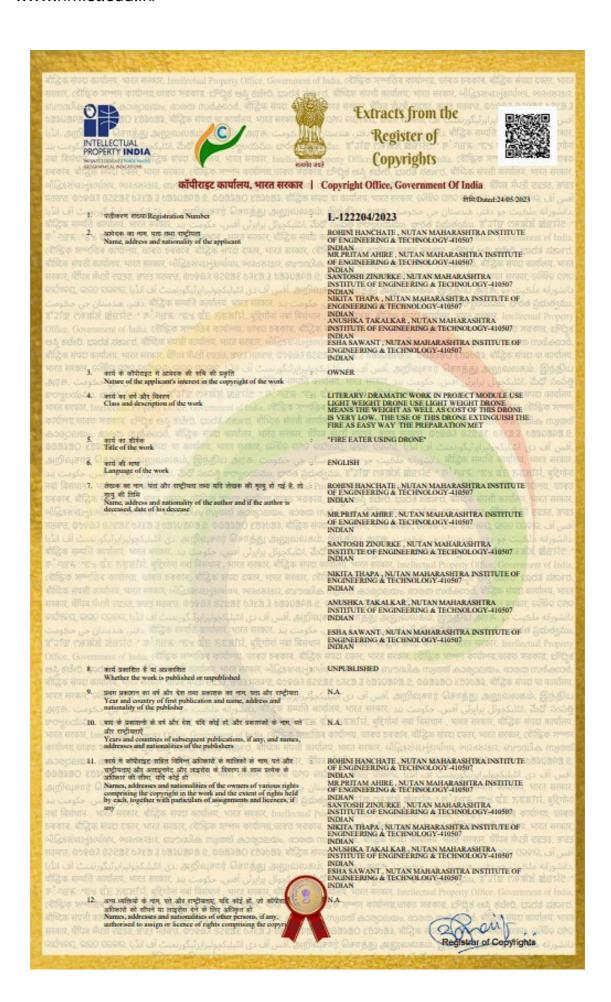


















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