NUTAN MAHARASHTRA INSTITUTE OF ENGINEERING & TECHNOLOGY, PUNE

RESEARCH AND DEVELOPMENT (R&D)

PATENTS

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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.

Index

Intellectual Property Office

Certificate of Registration for a UK Design

Design number: 6307981

Grant date: 13 September 2023

Registration date: 06 September 2023

This is to certify that,

in pursuance of and subject to the provision of Registered Designs Act 1949, the design of which a representation or specimen is attached, had been registered as of the date of registration shown above in the name of

Gholap Puja Sharad, Dr.Shekhar Kondibhau Rahane, Dr. Gulla Kishor Kumar, Chinthamani Jhansi, Dr. Brijesh Sathian, Sufiyan Mirza, Dr.Lipika Nanda, Dr. Gurkirpal Singh, Dr. Rajeshkumar Uttamrao Sambhe, Dr. Krupal Prabhakar Pawar

in respect of the application of such design to:

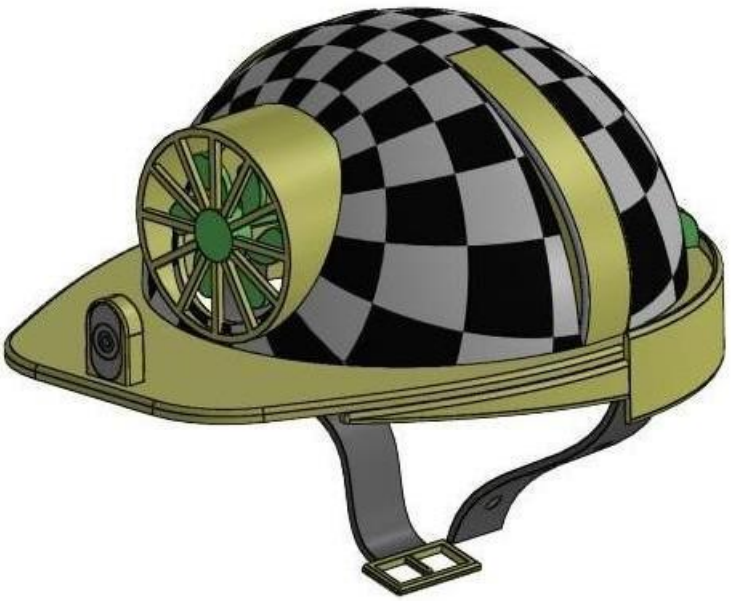
AI BASED SENSOR INTEGRATED SAFETY HELMET FOR CONSTRUCTION WORKERS

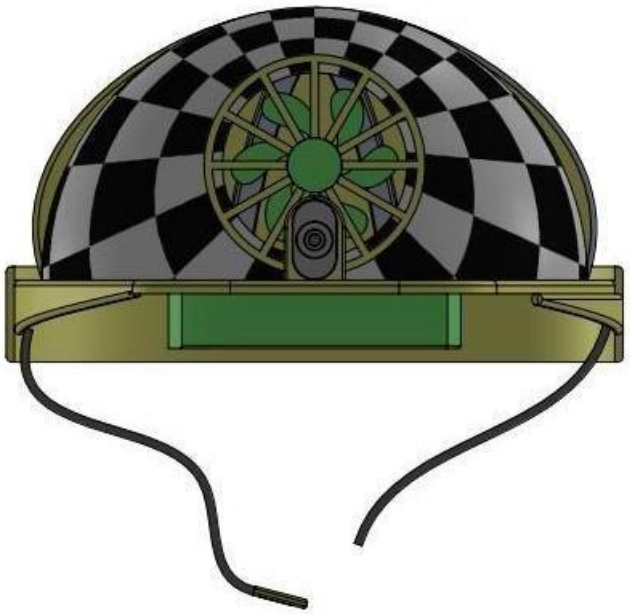
International Design Classification:
Version: 14-2023
Class: 02 ARTICLES OF CLOTHING AND HABERDASHERY
Subclass: 03 HEADWEAR

Adam Williams
Comptroller-General of Patents, Designs and Trade Marks Intellectual Property Office
The attention of the Proprietor(s) is drawn to the important notes overleaf.

THE PATENT OFFICE OFFICIAL

Representation of Designs





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(19) AUSTRALIAN PATENT OFFICE

(54) Title
IMRM- Class Monitoring System: IoT and AI-Based Real Time Class Monitoring and Faculty and their Course Materials Availability

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2020102991 23 Oct 2020

ABSTRACT

Our invention "**IMRM- Class Monitoring System:"** is an educational system which adapts at all educational content to a learning style of a student provides substantially immediate and effective teachers tracking, student tracking, academy data tracking feedback of student performance to parents, and incentivizes each participant in the students' education to use the system. For example, the intelligent educational system interactive educational lessons and exercises to a student to determine the student's learning style or modality and also the educational system adapts the presentation to the modality. The invented teaching technology is also providing homework curriculum and educational content based on, for example, the student current educational needs or scholastic exercises. The educational system provides rewards to teachers, students, and parents for using the system. For example, the education system enables parents to accumulate a fund for college education and the fund may be increased through rewards for using cash back credit cards, purchasing goods online, lottery-style awards, use of the online education system, or the like. The invented teaching technology is also tracking a motion of a teachers, students by obtaining two types of measurements associated with the motion of the body, one of the types including acoustic measurement. The invented teaching technology is an estimate of either an orientation or a position of the body is updated based on one of the two types of measurement, for example based on inertial measurement. The invented teaching technology is a mobile teacher tracking system is provided for tracking the removal and use of specific teachers within a group checked out from storage between the time the teachers are checked out and the replacement of the teachers in the storage. The system includes a system controller and a storage unit that receive and store a series of teacher carriers therein and each teacher carrier includes a series of teacher holders in which id tags for the group of teachers checked out of the storage are received. The invented teaching technology is a teacher carrier monitors the time each teacher is removed from the teacher carrier which information is thereafter communicated to the system controller.

Patents 2020103514

IFER- Student Behaviour Identification: INTELLIGENT STUDENT BEHAVIOUR IDENTIFICATION USING FER

Abstract

Our Invention" IFER- Student Behaviour Identification" is a human Face expression Recognition is one of the most powerful and challenging tasks in the world. The social communication. Generally, face expressions are natural and direct means for human Beings to communicate their emotions and
intentions. Face expressions are the key Characteristics of non-verbal communication and this describes the survey of Face Expression Recognition (FER) techniques which include the three major stages such as Pre-processing, feature extraction and classification. The invented technology also includes the survey explains the various types of FER techniques with its major contributions. The
performance of various FER techniques Is compared based on the number of expressions recognized and complexity of algorithms. The IFER- student behaviour identification is a method for teaching social behavior to students comprises the steps of identifying rules of conduct, establishing positive consequences for obeying the rules of conduct and establishing negative consequences for disobeying the rules of conduct, teaching the students the rules of conduct. The invented technology also includes the consequences for obeying and disobeying the rules of conduct, tracking and recording on a periodic basis the conduct of students in disobeying the rules of conduct, establishing a grading scale and assigning to the students a grade based on their conduct and the grading scale, monitoring over time the changes to the grade, conducting behavior class for the students, and re-evaluating the grading scale based on the grade made by the students
over time. The invented technology also includes the idea is the same about analysis based on facial expressions but the idea is, as we are under the pandemic students now a days has online classes
from home but we know many students don't take it seriously they start the class and do whatever they want so if we make use of our application over here by extracting the expressions of students attending the online class and generating the feedback for students as well as teachers both so it might bring more attentiveness in students and also it will generate an feedback for teacher. 21 So Fcltion mnfstto FIG: STUDENTSPORTUITY.

AU2020103514A4
Australia

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Inventor: Gadupudi Kalyani, Biplab Kumar Sarkar, A. S Naveen Rathee, Rutuja Sagar Kothe, Shubham Shah, Sharma, Arya Singh, Amruta Surana, Hamza Usmani

Current Assignee : Kalyani Gadupudi Dr

Worldwide applications

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Application AU2020103514A events

2020-11-18 Application filed by Kalyani Gadupudi

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Info: Cited by (2), Legal events, Similar documents, P Related Applications

External links: Espacenet, Global Dossier, Discuss

Classifications

G09B19/00 Teaching not covered by other main groups of this subclass

View 2 more classi cations

Claims (7)

Hide

WE CLAIM

1. Our Invention" IFER- Student Behaviour Identification" is a human Face expression Recognition is one of the most powerful and challenging tasks in the world. The s communication. Generally, face expressions are natural and direct means for human Beings to communicate their emotions and intentions. Face expressions are the Characteristics of non-verbal communication and this describes the survey of Face Expression Recognition (FER) techniques which include the three major stages su processing, feature extraction and classification. The invented technology also includes the survey explains the various types of FER techniques with its major contrib The performance of various FER techniques Is compared based on the number of expressions recognized and complexity of algorithms. The IFER- student behaviour identification is a method for teaching social behavior to students comprises the steps of identifying rules of conduct, establishing positive consequences for obeying of conduct and establishing negative consequences for disobeying the rules of conduct, teaching the students the rules of conduct. The invented technology also incl consequences for obeying and disobeying the rules of conduct, tracking and recording on a periodic basis the conduct of students in disobeying the rules of conduct, establishing a grading scale and assigning to the students a grade based on their conduct and the grading scale, monitoring over time the changes to the grade, cond behavior class for the students, and re-evaluating the grading scale based on the grade made by the students over time. The invented technology also includes the ide same about analysis based on facial expressions but the idea is, as we are under the pandemic students now a days has online classes from home but we know man don't take it seriously they start the class and do whatever they want so if we make use of our application over here by extracting the expressions of students attendin online class and generating the feedback for students as well as teachers both so it might bring more attentiveness in students and also it will generate an feedback f

2. According to claim,2,3# the invention is to a survey explains the various types of FER techniques with its major contributions. The performance of various FE techniques Is compared based on the number of expressions recognized and complexity of algorithms.

3. According to claim,2,3,4# the invention is to a a method for teaching social behavior to students comprises the steps of identifying rules of conduct, establis positive consequences for obeying the rules of conduct and establishing negative consequences for disobeying the rules of conduct, teaching the students the conduct.

4. According to claiml,2,5# the invented technology also includes the consequences for obeying and disobeying the rules of conduct, tracking and recording on basis the conduct of students in disobeying the rules of conduct, establishing a grading scale and assigning to the students a grade based on their conduct an grading scale, monitoring over time the changes to the grade, conducting behavior class for the students, and re-evaluating the grading scale based on the grad the students over time.

5. According to claim,2,4,6# the invention is to a the same about analysis based on facial expressions but the idea is, as we are under the pandemic students n has online classes from home but we know many students don't take it seriously they start the class and do whatever they want so if we make use of our appli here by extracting the expressions of students attending the online class and generating the feedback for students as well as teachers both so it might bring m attentiveness in students and also it will generate an feedback for teacher.

Editorial Note 2020103514 There are only Five page of

Drawing FIG.1: STUDENTS BEHAVIORAL.

FIG.2: STUDENTS OPPORTUNITY.

FIG.3: STUDENTS CORRUPTION STATUS.

FIG.4: EDUCATION SYSTEM IN INDIA.

FIG.5: INDIAN STUDENT BEHAVIOUR

FIG.6: INDIAN STUDENT BEHAVIOUR UNDERSTANDING.

Description

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FIG: STUDENTSPORTUITY.

IFER- Student Behaviour Identification: INTELLIGENT STUDENT BEHAVIOUR IDENTIFICATION USING FER

FIELD OF THE INVENTION

Our invention "IFER- Student Behaviour Identification" is related to intelligent student behaviour identification using FER and also a method for students social, education behavior, and more particularly to a method for teaching social behavior to students in a classroom environment.

BACKGROUND OF THE INVENTION

Schools today are undergoing extraordinary changes in terms of teacher quality and school accountability, reflecting the importance of academic achievement for successful participation in contemporary society. Federal legislation, such as the No Child Left Behind Act (NCLB) and Individuals with Disabilities Education Improvement Act (IDEIA), reflect the importance of academic achievement in school. NCLB places the responsibility on teachers and administrators to ensure that students make adequate academic progress. It is recognized in the teaching profession that good behavior and discipline of students are essential to academic learning. It is also recognized that bad behavior and lack of discipline impair the quality of teaching and learning. Instrumental in obtaining good behavior and discipline of students is the teacher who is accountable for teaching, monitoring, assessing, and improving student academic behavior, as reflected in test scores. However, effective classroom management requires a depth of knowledge and skill sets to implement. In many cases teachers do not receive adequate training and support to implement
data-based learning plans.

Early social behavior programs were designed to react to bad behavior and lack of discipline and to utilize aversive types of management strategies. The current social behavior programs are designed to be positive, proactive and incorporate preventive strategies into school wide discipline plans. Such programs included a tiered service delivery model that utilizes early screening and universal evidence-based instruction that depends on baseline assessment of present skills with frequent monitoring that allows for adjustments and which develops data to identify students that would benefit from increasingly intensive interventions. Despite the research and program testing there still exists a need for universal or Tier I strategies for teaching student's social behavior that is efficient and effective, and is one that teachers can be easily trained to administer in the classroom environment.

PRIOR ART SEARCH

US4741701A *1986-09-291988-05-03Kossor Steven AApparatus for providing visual feedback concerning behavior. US5573405A *1994-06-031996-11-12Evans; Suzanne Behavior monitoring and training device. US5954512A *1997-06-031999-09-2lFruge; David M. Behavior tracking board.

US20030036042A1*2001-08-172003-02-2Hill Deborah Ladon Method for programming the mind to follow a behavior plan. US20070048705A1*2005-09-012007-03-OlBelter Dean M Computerized accountability system for tracking student behavior.

Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

(http://ipindia.nic.in/index.htm)

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Application Details	
APPLICATION NUMBER	202121034289
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	30/07/2021
APPLICANT NAME	1 . Ms. Amruta Surana (Assistant Professor) 2 . Mrs. Pooja Sharma (Assistant Professor) 3 . Aniket Ankush Jadhav 4 . Shivam Sunil Narkhede 5 . Piyush Anil Pachpande 6 . Neha Samir Shende
TITLE OF INVENTION	AUTOMATIC ACCIDENT RESCUE SYSTEM (AARS)
FIELD OF INVENTION	ELECTRONICS
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ADDITIONAL-EMAIL (As Per Record)	dr.bksarkar2003@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	20/08/2021

Application Status	
APPLICATION STATUS	Awaiting Request for Examination

View Documents

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Government of India

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Application Details	
APPLICATION NUMBER	202121035707
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	07/08/2021
APPLICANT NAME	1 . Mrs. Pooja Sharma (Assistant Professor) 2 . Ms. Amruta Surana (Assistant Professor) 3 . Shantanu Patil 4 . Omkar Savalkar 5 . Ashutosh Bhagat 6 . Dr. Lalitkumar Wadhwa (Principal)
TITLE OF INVENTION	NAVIGATION SYSTEM USING COMPUTER VISION WITH MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE FOR PEOPLE WITH VISUAL IMPAIRMENTS.
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	dr.bksarkar2003@yahoo.in
ADDITIONAL-EMAIL (As Per Record)	dr.bksarkar2003@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
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PUBLICATION DATE (U/S 11A)	31/12/2021

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Application Details	
APPLICATION NUMBER	202241036599
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	25/06/2022
APPLICANT NAME	1 . Dr.S.Prakashkumar 2 . Dr K L Sumathy 3 . S.Arunkumar 4 . K.Sivakami 5 . Dr.K.Ravikumar 6 . Dr.G. Simi Margarat 7 . Dr S Jothi 8 . Mr. Pritam Ramesh Ahire 9 . Prof.Rohini S Hanchate 10 . Dr. Brijesh Sathian 11 . Dr K Vijayalakshmi 12 . Dr K Rama
TITLE OF INVENTION	Automatic Safe Heath care system for Prediction, Prevention and Diagnosis of all Heart related diseases at early stage using Deep Learning, Artificial Intelligence and Data Mining Techniques
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	senanipindia@gmail.com
ADDITIONAL-EMAIL (As Per Record)	admin@senanip.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
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Application Status	
APPLICATION STATUS	Awaiting Request for Examination

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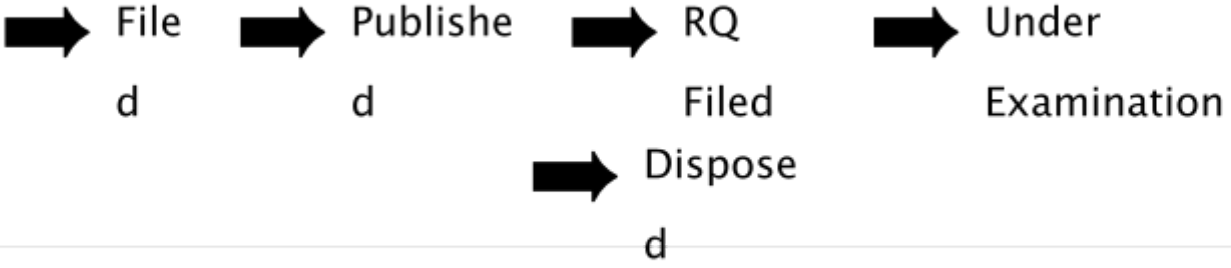

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Department for Promotion of Industry and Internal Trade
Ministry of Commerce & Industry,
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DATE OF FILING	10/01/2024
APPLICANT NAME	1 . B.Renukadevi 2 . Dr.Anuradha.R.Kondelwar 3 . Dr.Mrs.Nita .M.Thakare 4 . E. Anbalagan 5 . Milind 6 . Kamal Raj 7 . Mr.Pritam Ramesh Ahire 8 . Prof.Rohini Hanchate 9 . Amandeep Noliya 10 . Nanmaran R
TITLE OF INVENTION	INNOVATIVE SECURE COMMUNICATION IN SMART HOMES: INTEGRATING BLOCKCHAIN AND MACHINE LEARNING TECHNOLOGIES
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	vaagaiip@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	09/02/2024

Application Status

APPLICATION STATUS	Awaiting Request for Examination

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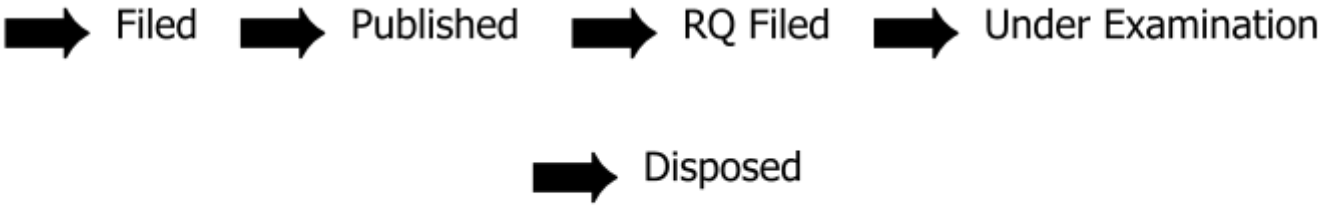

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Application Details	
APPLICATION NUMBER	202121008304
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	27/02/2021
APPLICANT NAME	1 . Karhadkar, Neeta Pramod 2 . Sarode, Harsha Jitendra 3 . Patil, Sarika Babaso 4 . Deotare, Vilas Vasudeo 5 . Wadhwa, Lalitkumar
TITLE OF INVENTION	SALT INTAKE CONTROL SYSTEM AND METHOD USING DIGITAL MEASURING SPOON WITH BLOOD PRESSURE METER
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	abhishek@mslaw.in
ADDITIONAL-EMAIL (As Per Record)	info@mslaw.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	02/09/2022

Application Status

APPLICATION STATUS	Awaiting Request for Examination

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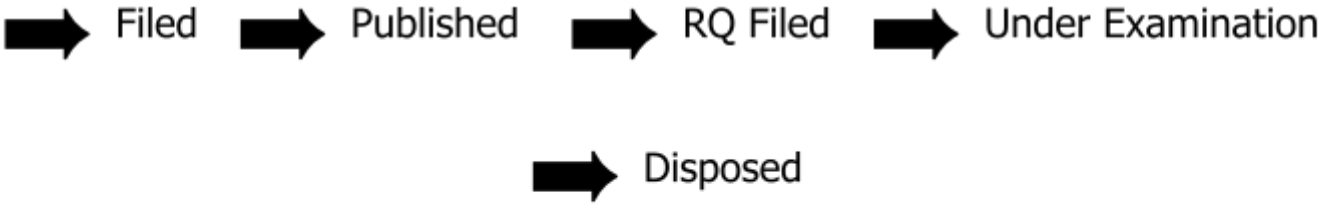

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Application Details	
APPLICATION NUMBER	202021033201
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	03/08/2020
APPLICANT NAME	1 . Ambadkar Gayatri Sanjay 2 . Warhade Bhagyashri Ashok 3 . Deotare Vilas Vasudeo 4 . Wadhwa Lalitkumar
TITLE OF INVENTION	SOCIAL DISTANCING, COUGHING AND SNEEZING INDICATOR FOR PANDEMICS LIKE COVID-19
FIELD OF INVENTION	BIOTECHNOLOGY
E-MAIL (As Per Record)	abhishek@mslaw.in
ADDITIONAL-EMAIL (As Per Record)	info@mslaw.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	25/07/2024
PUBLICATION DATE (U/S 11A)	17/09/2021

Application Status

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Application Details	
APPLICATION NUMBER	202321035298
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	20/05/2023
APPLICANT NAME	1 . Nutan Maharashtra Institute of Engineering and Technology 2 . Dr. Vilas Deotare 3 . Mr. Atharva Ravindra Joshi 4 . Sanjay Bala Bhegade 5 . Ganeshji Khandge 6 . Santoshji Khandge 7 . Rajeshji Mhaske 8 . Girish Desai 9 . Nandkumar Shelar 10 . Satish More 11 . Sagar Joshi 12 . Nitin Dhaves 13 . Saurabh Saoji 14 . Shekhar Rahane 15 . Shankar Uagle 16 . Harshal Chaudhary 17 . Shejal D Katkar 18 . Kuntal Rane 19 . Dev Garg 20 . Pritam Ahire 21 . Aryan Yadav 22 . Rohini Hanchate 23 . Ishika Bansal 24 . Pratam Bhor 25 . Pryukti Dubay 26 . Yash Hulge
TITLE OF INVENTION	SOIL CONDITION SENSING USING PICO HYDROELECTRIC GENERATION

FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	kalyansoni1997@gmail.com
ADDITIONAL-EMAIL (As Per Record)	kalyansoni1997@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	23/06/2023

Application Status	
APPLICATION STATUS	Awaiting Request for Examination

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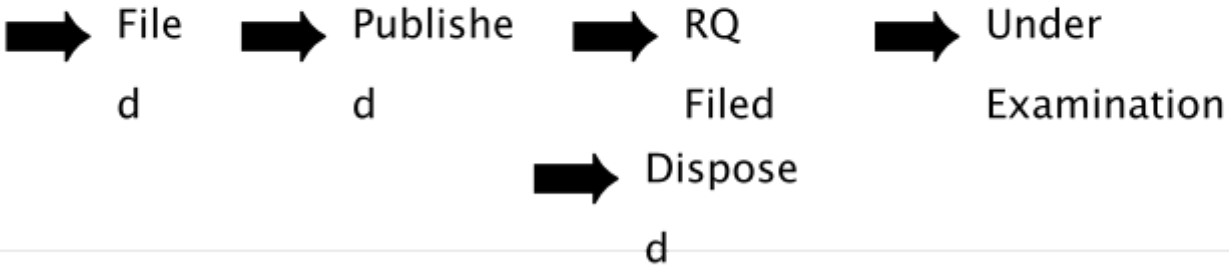

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Application Details	
APPLICATION NUMBER	202121053264
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	19/11/2021
APPLICANT NAME	1 . Dr. Shilpa Meenor Lambor 2 . Dr. Bejoy B J 3 . Mr. Shashikant Sopan Bhong 4 . Mr.Suhas Sharad Chavan 5 . Dr. Raju G 6 . Dr. Kuldeep Baban Vayadande 7 . Mr. Rahul Bhaurao Diwate 8 . Mr. Nikhil Dhavase 9 . Dr. Vinod V. Kimbahune 10 . Dr. Pathan Mohd. Shafi
TITLE OF INVENTION	USE OF THE INTERNET OF THINGS IN CONNECTED PASSENGER CAR
FIELD OF INVENTION	COMMUNICATION
E-MAIL (As Per Record)	esdiyeminfotech@gmail.com
ADDITIONAL-EMAIL (As Per Record)	esdiyeminfotech@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--

PUBLICATION DATE (U/S 11A)	03/12/2021

Application Status	
APPLICATION STATUS	Awaiting Request for Examination

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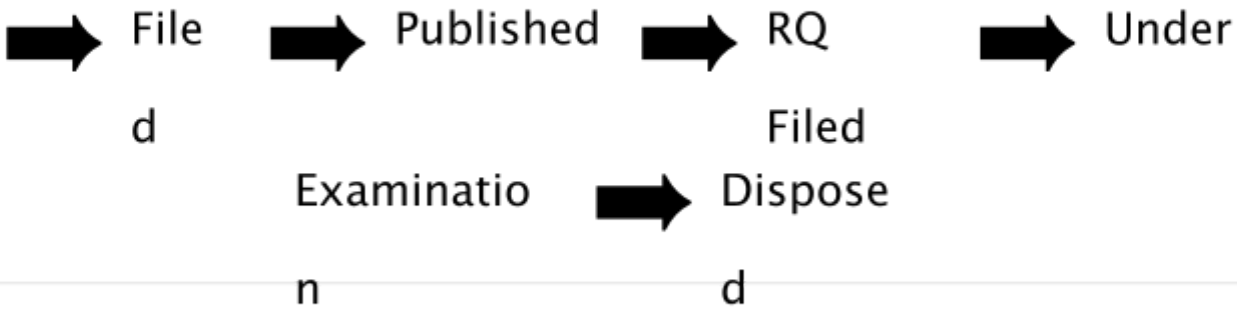

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Application Details	
APPLICATION NUMBER	202321038961
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	07/06/2023
APPLICANT NAME	1 . Dr. Vilas Vasudeo Deotare 2 . Ms. Nikita Namdev Deshmukh 3 . Ms. Akshada Uttam kalokhe 4 . Ms. Namrata Udham Singh 5 . Ms. Sejal Mate 6 . Ms. Usha Aragade 7 . Ms. Pooja Sherkhane 8 . Ms. Sakshi Mahajan
TITLE OF INVENTION	WRONG POSTURE DETECTOR
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	sjgawande@gmail.com
ADDITIONAL-EMAIL (As Per Record)	sjgawande@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	11/08/2023

Application Status

APPLICATION STATUS	Awaiting Request for Examination

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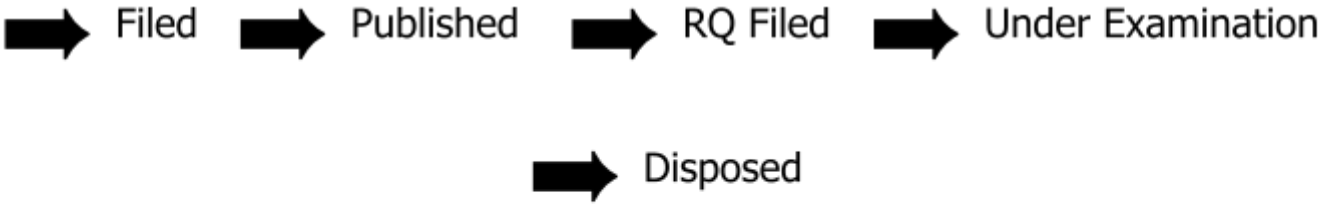

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