

DETAILS OF PATENTS AY 2023-2024

Patent Granted : 04, Filed/Publication) (26)

ECE

1. Patent Granted

Name of Design Patent: IOT BASED OZONE MONITORING SYSTEM
Applicant and Inventor: Tirthadip Sinha
Design No. : 393776-001
Application Date : 28/08/2023
Certificate of registration issued on 30/10/2023

2. Patent Published

Name of the Applicants: DR. KUSHAL ROY, DIBYENDU CHOWDHURY
Application Number:202341011888 A
Application Filing Date:22/02/2023
Patent Publication date : 17.03.2023
Title of the invention:AL Based Health Care System Using Cloud Computing In Smart Cities

3. Patent Published

Name of the Applicant : DibyenduChowdhury, SuddhenduDasMahapatra, Bishnu Prasad De, Kulwant Singh, RajibKar, DurbadalMandal
Patent Title : “An Optimized Gate Metal Variant Structures for Enhancement of Graded-Channel-Gate-Stack-Double-Gate MOSFETs switching/Analog performance”
Date/Time 2023/10/20 11:30:52,
App. Number 202311071654, IPR.
Publication Date : 24.11.2023

4. Patent Filed to Government of India

Applicant Name:Avisankar Roy
Application Number:202341006632.
Date of Filing:01/02/2023
Title of the invention:Electricity Demand Forecasting In Industrial And Residential Facilities Using Ensemble Machine Learning.
Publication Number:Journal No. 08/2023, Dated 24/02/2023; Page No. 12764.
Publication Date:24/02/2023

5. Patent Filed to Government of India

Applicant Name: Dr. Malay K Pandit.
Application Number:202341021837 A
Date of Filing:07/04/2023
Title of the invention:Automatic dust cleaning smart fan.
Publication Number:30875.
Publication Date:07/04/2023

6. Patent Published
Applicant Name: Dr. Tarun Kumar Ghosh & **Dr. Jagannath Samanta**
Application Number: 202341005843
Date of Filing: 30/01/2023
Title of the invention: Machine Learning Based Emotion Recognition and Recommendation System by Analysing ECG Signals
Publication Number: N/A
Publication Date: 17/02/2023

CHE

7. Patent Published
Name of the Applicants: Dr. Biswajit Mandal, Sunil Baran Kuila
Application Number: 202231025760
Application Published Date: 05/03/2022
Title of the invention: A new polymeric IPN membrane for Regenerative fuel cell, fuel cell and pervaporative separation,.

8. Patent Published
Name of the Applicants: Dr. Biswajit Mandal
Application Number: 202331014510
Application Published : 03/03/2023
Title of the invention: Air Analyzing cum air health monitoring system.

BT

9. Patent Filed to Govt. of India
Name of the Applicants: Dr. Tilak Raj Maity
Application Number: 12601/2023-CO/L
Application Filing Date: 13.05.2023
Title of the invention: Plant based Bioassay system for Screening anti-Cancer Lead Molecules
10. Patent Filed to Govt. of India
Name of the Applicants: Dr. Tilak Raj Maity
Application Number: TEMP/E-1/73154/2023-KOL
Application Filing Date: 24.06.2023
Title of the invention: Portable Plant Tissue Culture Box
11. Patent Publication
Name of the Applicants: Dr. Tilak Raj Maity
Application Number: 202331062482A
Publication Date : 06.10.2023
Title of the invention: A cost effective LED modulated in vitro mass production system for plants.
Publication Date : 06.10.2023

SAS&H

12. Patent Publication

Title of the Invention: A multi-Criteria decision making system based on Fuzzy logic for electric vehicles.

Application No. 202331076967 A

Date of filing of Application:10.12.2023

Publication Date: 17.11.2023

Name of Inventors: Dr. Biplab Sinha Mahapatra, Dr. Manoj Kumar Mondal, Dr. Mihir Baran Bera

13. Patent Published

Title of the Invention: A TECHNIQUE FOR TEACHING FOR COMMUNICATION IN ENGLISH

Application No. 202331051112

Date of filing of Application:29/07/2023

Publication Date: 08/09/2023

Name of Inventors: Biman Mondal

14. Patent Published

Name of the Applicant : Pijus Kanti Katua, Debadatta Ghosh, Rohit Jalan, Aditya Jalan, Subhankar Sardar, Suparna Rana, Sayantani Chall,

Patent Title : “A composite toilet door and a process for the manufacture thereof”

Patent Application No, 202331043730,

Publication Date: 07.07.2023

15. Patent Published

Name of the Applicant : Pijus Kanti Katua, Anjan Mishra

Patent Title : “A Sulphur based Fertilizer for Plant”

Patent Application No, 451496,

Publication Date: 19.03.2023

16. Patent Published

Name of the Applicant : Pijus Kanti Katua, Anjan Mishra, Debashree Singh

Patent Title : “Modified Chimney to Arrest Carbon Dioxide Gas and Carbon Soot”

Patent Application No, 478140,

Publication Date: 07.12.2023

AEIE

17. Patent Published

Applicant Name: Priyonko Das

Application Number: 202311014562

Date of Filing: 04/03/2023

Title of the invention: INTELLIGENT IRRIGATION CONTROL SYSTEM IN AGRICULTURE AREA USING IOT AND SENSOR

Publication Number: 202311014562

Publication Date: 17/03/2023

18. Patent Published

Applicant Name: Priyonko Das

Application Number: 20232101395

Date of Filing: 27.02.2023

Title of the invention:A deep Learning based Automated smart nutrition monitoring system for health care management systems for all ages of people using artificial intelligence and IOT.

Publication Number:202311014562

Publication Date:17/03/2023

19. Patent Granted

Applicant Name : Dr. Soumya Roy

Patent Title : “A smart cosine error optimized sensor network based solar irradiance measurement system.

Patent No: 470375,

Patent Application No. 201831019639

Patent Granted date: 20.11.2023

20. Patent Published

Name of the Applicant : Pijus Kanti Katua, Debadatta Ghosh, Rohit Jalan, Aditya Jalan, Manisankar Sau, Sutapa Chakrabarty, Kriti Ranjan Sahu, Auuddin Dafadar,

Patent Title : “A neck guard for protection from animal attack”

Patent Application No: 202331043734,

Publication Date: 29.09.2023

CSE

21. Patent Published

Patent Filed to Govt. of India

File number: 202331074573

Date of filing:02/11/2023

Publication date : 24.11.2023

Title: An Optimal Mathematical Morphology and K-Mean Clusters Based Method for Segmenting Images

Inventors :Dr. Pinaki Pratim Acharjya, Dr.Santanu Koley, Dr.Moumita Das, Patrali Pradhan, Dr. Jayeeta Majumder, Dr.Mihir Baran Bera, Tahamina Yesmin, Umesh Pal And Kalyan Maji

22. Patent published

File number: 202331072209

Date of filing: 23/10/23

Patent Publication date : 24.11.2023

Title: An Artificial Intelligence Based Self-Healing Portable Exoskeleton

Inventors :PiyushKeshari, Dr. Santanu Koley, Dr.Pinaki Pratim Acharjya, Subhabrata Barman, Dr. Subhankar Joardar, Dr.Balaram Dey, Palash Ray, Mahuya Sasmal, Jheelam Mondal

23. Patent Published

File number:202331067251

Date of filing:06/10/2023

Date of Publication:20/10/2023

Title: A Method for Efficient Optimization of Clustering In Ad-Hoc Networks Through Genetic Algorithm.

Inventors :Subhabrata Barman, Dr. Santanu Koley, Dr. Pinaki Pratim Acharjya, Dr.JagannathSamanta, Dr. Mrinmoy Sen, Sunanda Jana, Raj Kumar Maity, Sweta Bijali Maity, Abhirup Paria

Status: Published

24. Patent Published

File number: 202331054918

Date of filing: 16/08/2023

Date of Publication: 06/10/2023

Title: Cdroid: Used In Fujitsu Server For Mobile Cloud

Inventors: Dr. Santanu Koley, Dr. Pinaki Pratim Acharjya, Subhabrata Barman, Dr. Jayeeta Majumder, Dr. Mihir Baran Bera, Dr. Moumita Das

Status: Published

25. Patent Published

File number: 202331076967 A

Date of filing: 02/11/2023

Date of Publication: 17/11/2023

Title: A MULTI-CRITERIA DECISION MAKING SYSTEM BASED ON FUZZY LOGIC FOR ELECTRIC VEHICLES

Inventors: Dr. Biplab Sinha Mahapatra, Soumendu Golui, Dr. Ghanshaym Singha Mahapatra, Dr. Manoj Kumar Mondal, Dr. Mihir Baran Bera, Dr. Shuvendu Chakraborty, Dr. Amalendu Singha Mahapatra, Dr. Santanu Koley, Dr. Pinaki Pratim Acharjya

Status: Published

26. Patent Published

Applicant Name: Rajrupa Metia.

Application Number: 202331013048 A

Date of Filing: 27/02/2023

Title of the invention: An Artificial Intelligence and Deep Learning with IoT based Prevention of road accidents by detecting driver drowsiness.

Publication Number: N/A

Publication Date: 10/03/2023