

PATENTS GRANTED

1. Patent No: 370289 has been granted to **Dr. R. Vimal Samsingh**, Associate Professor/Mech which is the outcome of a collaborative interdisciplinary research work with inventor Dr. K. Malathi, Professor/ECE, Anna University and Dr. S. Esther Florence , Associate Professor/ECE , Sri Sivasubramaniya Nadar College of Engineering
2. **Dr. Raja S**, AP/Mech and **Dr. M. S. Alphin** were granted a design patent (Design No. 344455-001) on 10/06/2021 for the invention titled "Portable oxygen generator with face mask".
3. The patent submitted by the inventors **Dr. D. Ebenezer**, AP/Mech, Mr. S. Shashank (Student-2013 pass out) and Mr. M.Tarun (Student-2013 pass out) in Nov-2012 is granted on 30-11-2021. Title: ""AIR INLET REGULATING DEVICE FOR FLUID DRIVEN TWO STROKE ENGINES: App. No:4646/CHE/2012, Patent No. : 383221, / Patentee : SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING
4. Patent No 430316-bearing application number 201641032343 has been granted to Dr. Malathi Kanagasabai, **Dr. R. Vimal Samsingh**, S. Sangeetha, P. Yogeswari et al. on Electromagnetic Nondestructive Material Characterization of Dielectrics Deploying Planar EBG Based Transmission Line Sensor on 27/04/2023.
5. Patent No 429764-bearing application number 201741029503 has been granted to Dr. Malathi Kanagasabai, **Dr. R. Vimal Samsingh**, Dr. Esther Florence S on Planar Microwave Sensor for Fracture Detection in Human Bones on 24/04/2023.

PATENTS FILED:

1. Aditya Bucha and **Dr. Satheesh Kumar Gopal** submitted the CSB for the "Mosquito Eradication Robot", 202041007302 on 20.02.2021
2. **Dr. Divya Zindani**, Assistant professor, Dept. of Mechanical Engineering, filed patent for the invention titled "ECO-FRIENDLY DRAWER RAIL" bearing Application number: 342762-001
3. **Dr. R. Vimal Samsingh** (ASP/Mech) along with students S. Pranav Shankar, Rahul B, Rakesh Kumar J , Sathyaseelan S filed a patent on "Weather based control for Automobiles" [Application Number:202141017843]
4. **Dr. R. Vimal Samsingh** (ASP/Mech) along with Dr. S. Esther Florence ASP/ECE and Ms. Sakthi Abirami SRF/ECE filed a patent on the Title ""Quadband RF shield using a Mechanically Configurable Venetian Blind Structure" [Application number: 202141010951]
5. "**Dr. Divya Zindani**, Assistant professor, Dept. of Mechanical Engineering, filed patent for the invention titled ""ERGONOMIC CYMBAL"" bearing Application number: 342724-001"
6. **Dr. Divya Zindani**, AP/ME has filed a patent titles "ERGONOMIC CAULDRON" bearing application number "344002-001". The filed patent is a collaborative effort between inventors from IIT-Guwahati and MBM Jodhpur, Rajasthan
7. **Dr. Divya Zindani**, Assistant Prof, Dept. of Mechanical Engineering has filed a patent titled "Artificial Jewellery Cabinet" bearing application number "345618-001" on

02.07.2021. The patent relates to designing an artificial jewellery cabinet that has dedicated storage space for the different classes of ornaments and makes the identification of jewellery easier.

8. **Dr. N. Lakshmi Narasimhan**, Associate Prof/Mech filed a patent Titled, "A Thermo-Warmer for LPG Stoves", on 4.9.2021.
9. **Dr. N. Lakshmi Narasimhan** filed a patent application Titled, "A thermo-warmer for LPG Stoves", on 4.9.2021. Patent Application Number: TEMP/E-1/45183/2021-CHE
10. **Dr. R. Vimal Samsingh**, Assoc Prof/Mech & Dr. S. Esther Florence, ASP/ECE along with Students Aditya K (181002008), Akash S (181002010), Ashwin A (181002022), Gautam R (181002045) of Final Year Mech Filed a Patent for the invention titled "WEARABLE SELF-BALANCING, CONFIGURABLE MOBILITY ASSISTANCE APPARATUS" on 05/05/2022 . Patent Application No : 202241026270(Filed)