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Dr. Deepa Jose, Professor ECE and Head Research

Dr. P. Deiva Sundari Ms.M.Ammal Dhanalakshmi
Dr. Deepa Jose
PI:Dr.P.Deiva Sundari Dr.T.Anuradha Mr.A.Arvin Tony

Government research Sancti

Title of the Project
Integration of AI and IOT for Industry 4.0 Towards Atmanirbhar Bharat
KAPILA, Under Innovation Cell
Nitrogen doped NiCO2O4 impregnated porous carbon electrode development for hydrogen generation from waste water
Faculty Development Programme (FDP) on BlockChain
Design and Implementaion of VLSI Chip for Security against side channel attack for IoT/ Cyber Physical Systems (RPS)
FDP on Trends and Challenges in EV Echosystem
AI and GIS in surveillence of infectious diseases
AICTE- Distinguished Chair Professor
Study Tour of ATAL Tunnel
Seminar on Unequal Pay Gender Discrimination at Workplace

Carbon Neutrality
AEGISTEC - Mothers Care Shield
Vision based landing of UAV on charging pad
Leaf fibre extracting machine
Design and development of multi purpose vending Cart
Design and development of Hybrid remotely piloted aircraft system for crop yield estimation
Design and Development of Wearable Electronic Device using Green Sensors
Real-Time Distributed Energy Monitoring System
Development of Small scale wind turbine
MATLAB - Analytical project.
Faculty Development Programme (FDP) on BlockChain
Design and Implementaion of VLSI Chip for Security against side channel attack for IoT/ Cyber Physical Systems (RPS)
FDP on Trends and Challenges in EV Echosystem
AI and GIS in surveillence of infectious diseases
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AEGISTEC - Mothers Care Shield
Integration of AI and IOT for Industry 4.0 Towards Atmanirbhar Bharat
KAPILA, Under Innovation Cell
Nitrogen doped NiCO2O4 impregnated porous carbon electrode development for hydrogen generation from waste water
Artifical Intelligence for Societal Applications, Space Exploration, Agriculture and Health Care
Utilization of industrial carbon and marble dust for the production of enhanced green concrete and tiles
Sketch2web - Design your website using generative ai
Automated crowd management for public Transport (MTC Bus) through IR sensor integrated with online ticketing by mobile application
Latest Innovations in Medical and Healthcare Textiles
Spike ANN for ECG Classification (ICCCNET 2024, UK)
Quantum Computing and Machine Learning Solutions: Pathways to Sustainable Development
AQUASAVEX, Revolutionizing laundry. (Waterless washing machine)
AirCloud: A Mobile Atmospheric Purification System

Wind Driven Air-Storage System
Design and Implementaion of VLSI Chip for Security against side channel attack for IoT/ Cyber Physical Systems (RPS)
Design and implementation of cyber physical controller for optimal despatch of virtual power plant(VPP)

.oned Fundings

Funding Agency
DST-SERB
SAG Bureau, AICTE
MSME, GoI
AICTE
AICTE
AICTE
ATAL AICTE
AICTE
ATAL TOUR
National Commision for Women

Keysight Innovation
La Trobe
AR&DB
TNSCST - S&T 2022
TNSCST - S&T 2022
TNSCST - S&T 2022
DBT

AICTE
AICTE
AICTE
ATAL AICTE
AICTE

ATAL TOUR
National Commision for Women
Keysight Innovation
La Trobe
DST-SERB
SAG Bureau, AICTE
MSME, GoI
CSIR
TNSCST- SPS
TNSCST- SPS
Niral Thiral, TN Regional Hubs
AICTE ATAL
ITS - ANRF,SERB
ANRF,SERB
LA TROBE
LA TROBE

NIWE
AICTE
AICTE RPS scheme

Year	Amount
2023	1,50,000/-
2023	28,000/-
2023	10.08 lacs
2020-2021	50,000
2020-2021	7,50,000
2020-2021	3,00,000
2020-2021	93,000/-
2020-2021	50,000/-
2020-2021	Rs. 2 Lakhs
2020-2021	30-06-2021

2021-2022	Rs.30,000/-
2021-2022	USD 2500/-
2023	AUD 750/-
2022	1,50,000/-
2022	28,000/-
2022	10.08 lacs
2022	50,000
2023	7,500
2023	7,500
2023	10000
2020-21	93,000/-
2020-21	15,56,955/-
2020-21	4,42,000/-
2020-2021	93,000/-
2020-2021	50,000/-

2020-2021	Rs. 2 Lakhs
2020-2021	Rs.30,000/-
2021-2022	USD 2500/-
2021-2022	AUD 750/-
2022-23	1,50,000/-
2022-23	28,000/-
2023-24	10.08 lacs
2023-24	50,000
2023-24	7,500
2023-24	7,500
2024	10000
2024	100000
2024	180000
2024	200000
2024	800 AUD
2024	400 AUD

2016-2017	18,90,000/-
2020-2021	15,56,955/-
2018-2019	8,00,000/-