



# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi / Affiliated to Anna University, Chennai / Accredited by NAAC)  
Dindigul- Palani Highway, Dindigul – 624 002.

## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

### Sponsored Research/Consultancy

Sl. No	Name of the Faculty	Project / Event Title	Project Type Research/ Consultancy / Event	Funding Agency	Amount
1	D.Manoj	Cost Effective Smart Knee Actuator for Paralysis and Stroke Patients	Project	Rural Technology Action Group – Tamil Nadu	25,000
2	D.Manoj	CCTV Installation & Computer Hardware Maintenance	Skill Development Programme	MSME, India	1,20,000
3	D.Manoj	TITAN Idea Harvest 2024	Idea Hackathon	TITAN	20,000
4	D.Manoj	Entrepreneurship Awareness Programme	Awareness Programme	MSME, India	20,000



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### PATENT PUBLICATION

#### Academic Year 2023-2024

S. No	Name of the faculty	Designation	Title	Application details	Publication Date	Country	Status
1	P.Siva Subramanian	Assistant Professor	Automatic Seed Sowing Robot	Design no:6324188 dated: 06.11 .2023	15.11.2023	UK	Granted
2	D. Manoj P.Siva Subramanian R. Ramya	Assistant Professor	Exoskeleton Knee Actuator	Design no: 393135001 dated: 21.08.2023	17.10.2023	India	Granted
3	N.Manikandan	Assistant Professor	Computer Controlled IoT based Washing Machine	Appln. no:434987-001 Dated: 06.01.2025	17.10.2023	India	Published



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#### Academic Year 2022-2023

S.No	Name of the faculty	Designation	Title	Application details	Publication Date	Country	Status
1	P.Siva Subramanian	Assistant Professor	Method and System for Optimized Control Of DC Servo Motors using PID and Fuzzy PD Controllers	Appln. no: 202341012530 dated: 23.02.2023	17.03.2023	India	Published
2	G.Satheesh Kumar T.Arulkumar	Assistant Professor	Novel techniques to enhance the wireless sensor network efficiency through coverage and energy utilization techniques	Appln. no: 202331001035 Dated: 05.01.2023	20.01.2023	India	Published