



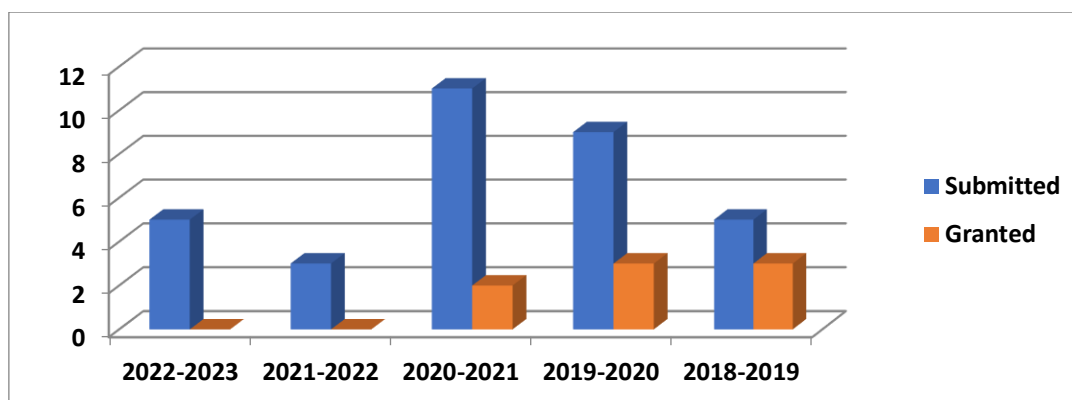
# SRI VENKATESWARA COLLEGE OF ENGINEERING (Autonomous)

Karakambadi Road, Opposite LIC Training Centre, Tirupati – 517 507.  
Accredited by NBA (B.Tech – CSE, ECE,EEE,Mech.,Civil and IT) & NAAC with ‘A’ Grade  
Approved by AICTE, New Delhi permanently affiliated to JNTUA, Ananthapuram.

## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### Consolidate Report on Research Proposals

S.No.	Year	Submitted	Granted
1	2022-2023	5	0
2	2021-2022	3	0
3	2020-2021	11	2
4	2019-2020	9	3
5	2018-2019	5	3



### Research Proposals (AY 2022-2023)

S. No	Name of the faculty	Project Title	Project Scheme	Funding Agency	Amount	Duration	Status
1	Dr. V Lakshmi Devi & Dr. Kumar K	A Novel Design of Multi-Input Converter with Advanced Controller for Hybridization of Solar and Wind Energy Systems	SERB-POWER	SERB	Rs. 29,96,125/-	3 Years	Accepted for Evaluation
2	Dr. Kumar K & Dr. V Lakshmi Devi	A Novel High Gain Power Converter Design for Fuel Cell Fed Hybrid Electric Vehicles	SERB-SURE	SERB	Rs. 29,07,714/-	3 Years	Accepted for Evaluation

### Research Proposals (AY 2020-2021)

S. No	Name of the faculty	Project Title	Project Scheme	Funding Agency	Amount	Duration	Status
1	Dr. K Sudheer	Smart garbage sustentation system	DST	NSTEDB-DST	Rs. 59,000/-	1 Year	Completed
2	P Suresh	Intelligent Energy Efficient Bike	DST	NSTEDB-DST	Rs. 62,000/-	1 Year	Completed

### Research Proposals (AY 2019-2020)

S. No	Name of the faculty	Project Title	Project Scheme	Funding Agency	Amount	Duration	Status
1	Dr. Jakeer Hussain	Design and development of power electronic converters and electric drive systems to upgrade the power electronics laboratory.	AICTE-MODROBS	MODROBS Proposals AICTE	Rs. 10,24,142/-	2 Years	Ongoing
2	Dr. Kumar K	Research Trends in Renewable Photovoltaic System and its Research Challenges	STTP	AICTE-STTP	Rs. 3,04,667/-	Online STTP	Completed
3	Dr. Sudheer K	Intelligent range Estimator & Crash Detector	DST	NSTEDB-DST	Rs. 66,500/-	1 Year	Completed

### Research Proposals (AY 2018-2019)

S. No	Name of the faculty	Project Title	Project Scheme	Funding Agency	Amount	Duration	Status
1	Mr. Jakeer Hussain, K.V Satheesh, Y.Satheesh Reddy	Energy management of DC micro grid at DC bus	consultancy	Bhumitra Technologies, Tirupathi	Rs. 1,05,000/-	6 months	Completed
2	V Lakshmi Devi	Solar Street Light System With Intelligent Battery Management System	DST	NSTEDB-DST	Rs. 50,000/-	1 Year	Completed
3	Mr. Jakeer Hussain	Portable Hybrid Mobile Charger using Solar and Wind System	DST	NSTEDB-DST	Rs. 55,000/-	1 Year	Completed