



Government College of Technology, Coimbatore-641013
(An Autonomous Institution affiliated to Anna University, Chennai)

SELF-STUDY REPORT

CRITERION 3
Research, Innovations and Extension

Key Indicator: 3.2 Resource Mobilization for Research

3.2.2.1 Number of research projects funded by government and non-government agencies during the last five years

DECLARATION

This is to certify that the supporting documents for this metric enclosed herewith are true to the best of my knowledge and belief.

HEAD OF THE INSTITUTION

(Seal and sign of Principal)
Principal

Government College of Technology
Coimbatore -641 013.



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This is to certify that the supporting documents uploaded in Institution website and the respective links are true to the best of my knowledge and belief. All the documents and links are verified and authenticated.

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Principal
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3.2.1 Research funding received by the institution and its faculties through Government and non-government sources such as industry, corporate houses, international bodies for research project, endowment research chairs during the last five years

3.2.2 Number of research projects per teacher funded by government, non-government , industry, corporate houses, international bodies during the last five years

Name of the PI/ Co-PI/Name of the person holding the Chair	Title of the research project, endowments, Research Chairs	Name of the funding agency	Duration	Year of award or sanction	Amount in INR. Lakhs
Dr.O.Saraniya,Associate Professor/ECE	Modernization & Removal of Obsolescence in Embedded system laboratory for IOT applications	AICTE	2018-2019	2018	7.57
Dr.S.Sathyapriya,AP/Civil	MODROBS on Geotechnical Dynamics Laboratory	AICTE	2019-2021	2019	19.90
Dr.S.Periyasamy, AP/Mech	Investigation of Active Aeroelastic Wing for Unmanned Aerial Vehicle	ISRO	2019-21	2019	15.43
Dr.J.Jeyanthi (PI)/Dr.A.Thirunavukkarasu (Co - PI),Dr.R.Nithya	Design and Evaluation of Novel Transdermal Patches for the effective insulin delivery in Type 2 Diabetic patients	AICTE-RPS	2020-2023	2020	5.88
Dr.S.Chitra,AP/Civil	Study on Concrete-Steel Interaction in Reinforced concrete elements, when exposed to marine environment	TEQIP-III	2020-2021	2020	0.10

Dr.J.Jayanthi, TEQIP-III Co-ordinator	Textile dye removal using photocatalytic cascade disk reactor coated by cerium oxide nanoparticles	TEQIP-III	2020-2021	2020	0.15
Dr.S.Chitra,AP/Civil	Investigation of Chloride Induced Corrosion in Reinforced Concrete Elements Admixed with Inhibitor	TEQIP-III	2020-2021	2020	1.44
Dr.D.Padmini,Associate Prof/Civil	Experimental Investigations on the effective utilization of granite powder in self compacting concrete	TEQIP-III	2020-2021	2020	0.089
Dr.T.Sekar,Associate Professor/Mechanical	Experimental Investigations on Electrochemical Discharge Machining of Bio-ceramics	TEQIP-III	2020-2021	2020	1.90
Mr.S.Mathivanan,AP/ECE	BCE Beacon following Smart Rover	TEQIP-III	2020-2021	2020	0.50
Dr.E.Lathamercy, Prof/EEE	Study of load pattern and solution for Energy Conservation	TEQIP-III	2021-2022	2021	3.02
Dr.E.Lathamercy, Prof/EEE	Implementaion of DC-Dc Multilevel boost converter for pv system	TEQIP-III	2021-2022	2021	0.063
Dr.O.Saraniya,Associate Professor/ECE	Automatic floor sanitizing ROBOT	TEQIP-III	2021-2022	2021	0.12

Dr.J.Jeyanthi, TEQIP-III Co-ordinator	Assessment of heavy metal contents in the ambient air of Coimbatore city	TEQIP-III	2021-2022	2021	0.060
Dr.V.Prasanna moorthy,Professor/EIE	Online Energy Moitoring for EIE BLock	TEQIP-III	2021-2022	2021	0.09
Dr.V.Gopalakrishnan,Professor/EEE	8.4 kW Grid- tied sensor less dual axis solar panel tracking system	TEQIP-III	2021-2022	2021	1.51
Dr.P.Maruthupandi,AP/EEE	Redesign and re-fabrication of PMSG based wind energy conversion system and Data logging system for permance enchancement	TEQIP-III	2021-2022	2021	3.32
Dr.J.Kiruthika,AP/Biotech	Production of biodegradable films from rice husk with anti microbial properties to be used as food packaging materials	TNSCST	2021-2023	2021	2.04
Dr.S.Chitra,AP/EEE	Automatic power factor correction based smart metering	TNSCST	2021-2022	2022	0.075
Dr.P.Maruthupandi,AP/EEE	Maritime border alert system for fisherman	TNSCST	2021-2022	2022	0.075
Dr.P.Maruthupandi,AP/EEE	IOT based smart assistant to formers for irrigation and monitoring agricultural lands	TNSCST	2022-2023	2023	0.075
				Total	63.41