



P. A. COLLEGE OF ENGINEERING AND TECHNOLOGY
POLLACHI, COIMBATORE - 642 002

An Autonomous Institution

Accredited by NAAC with 'A' Grade
Accredited by NBA (CSE, ECE, EEE & Mech)
An ISO 9001:2015 Certified Institution



RESEARCH AND DEVELOPMENT CELL

Research Activities – Mechanical Engineering

Funded Research Projects:

Sl. No.	Name of the Scheme	Funding agency	Title of the Project	Investigators	Amount (Lakhs)	Year	Status
01	MODROBS	AICTE	Modernization of Manufacturing Technology Laboratory	Dr.T.Varunkumar	11	2019	Completed
02	Consultancy	MaxCADD, Coimbatore	Structuring core on advanced Finite Element Analysis (using Ansys)	Dr. T. Varunkumar Mr. N. Gnanasekar	0.15	2019	Completed
03	Consultancy	Adhavan Alloys, Coimbatore	Material Testing	Dr. T. Varunkumar Dr.N.Zeelanbasha Mr. R. Mohammed Farooq	0.7	2019	Completed
04	Consultancy	Adhavan Alloys, Coimbatore	Prediction of mechanical properties in software analysis	Dr. T. Varunkumar Dr.N.Zeelanbasha Mr. R. Mohammed Farooq	0.5	2019	Completed
05	Consultancy	Sigma Corporation Pvt. Ltd, Coimbatore	Finite Element Analysis on SG Gland	Mr.N.Gnanasekar	0.03	2016	Completed
06	Consultancy	Megal Edges, Coimbatore	Design and analysis of Garment Cutting Tools for productivity Improvement.	Mr.N.Gnanasekar	0.5	2015	Completed

Conferences/Seminars/Workshops Organized:

Sl. No.	Name of the Scheme	Funding agency	Title	Co-ordinators	Amount (Rs)	Year	Status
1	Seminars	(2011-12) CSIR	Metaheuristics: Emerging Paradigm in Engineering Optimization	Dr.V.Ramalingam Mrs.C.Sowmya Danalakshmi	25,000	SYM/6395/11HRD/ 26.08.2011	Completed
2	Seminar	(2012-13) MNRE	Commercialization of Renewable Energy	Dr.V.Ramalingam Mrs.C.Sowmya Danalakshmi	50,000	NO.16/25/2012-13/ I&PA/29.08.2012	Completed
3	Seminar	(2014-15) ISRO	Small Spacecraft Technologies	Dr.P.T.SaravanaKumar Mr.M.Parthasarathy Mr.K.Manikandan	30,000	NO/RES/C-S/ 2014-15/18.03.2015	Completed
4	Seminar	(2014-15) DRDO	Cryogenic Treatment and its Application	Dr.D.SenthilKumar Mr.R.Mohammed Farooq	48,000	ARMREB/20/20012/ P /5108.10.2014	Completed
5	Seminar	(2014-15) INSA	Application of Smart Materials and Structure in Automobile	Dr.V.Ramalingam Mr.M.MohanPrasad Mr.V.P.SureshKumar	20,000	NO/SP/C-51/2014/ 01.09.2014	Completed
6	Seminar	(2015-16) AERB	Human Resource Development in Radiation Technologies and Application	Dr.T.Varunkumar Mr.I.Akilan Mr.K.Gobi	30,000	NO/AERB/RDD/CS R/ P- 2/2015/27.10.2015	Completed
7	Seminar	(2017-18) ICMR	Application of Engineering Materials in Medical Sector	Dr.T.Varunkumar Mr.clementchristydeepa k Mr.I.Akilan	40,000	NO/7/1129/17/ 16.01.2017	Completed
8	Seminar	(2017-18) ICMR	The Future of Applied Biomechanics in Human Body	Dr.T.Varunkumar Mr.clementchristydeepa k Mr.I.Akilan	28,000	NO/7/472/1/ 16.08.2017	Completed
9	Seminar	(2017-18) ICMR	The Future of Applied Biomaterials in Human Body	Dr.T.Varunkumar Mr.clementchristydeepa k Mr.I.Akilan	50,000	NO/7/741/17/ 16.10.2017	Completed
10	Seminar	(2017-18) DRDO	Recent Approach of Fracture Mechanics in Armament Materials	Mr.N.Gnanasekar Mr.M.Parthasarathy Mr.I.Akilan	30,000	DGTM/TM/ARMREB / GIA/17-18/196/ 15.09.2017	Completed
11	Seminar	(2018-19) ICMR	Application of Bioprocess Engine ering in Medical Sector	Dr.T.Varunkumar Mr.Clementchristydeepak Mr.I.Akilan	40,000	NO/7/153/18/ 13.04.2018	Completed
12	Seminar	(2018-19) NAAC	Innovative Strategies To Enhance Teaching Learning Process	Dr.T.Varunkumar Mr.I.Akilan Mr.N.Balasubramani	Nil	NAAC/Seminar/SS/ SR/COI/2018/28.11. 2018	Completed

13	Seminar	(2018-19) CSIR	Advanced Material Science and Engineering	Dr.T.Varunkumar Mr.V.P.SureshKumar	20,000	SYM/9998/18-HRD/ 28.12.2018	Completed
14	Seminar	(2019-20) CSIR	Scrutinizing the latest Approaches in the Sphere of Advanced Materials and Nanotechnology	Dr.T.Varunkumar Mr.N.Manikandan Mr.V.P.SureshKumar	50,000	SYM/10318/19- HRD/ 05.02.2019	Completed