

SPONSORED RESEARCH

CAY m1 (2023-2024)				
Sl.No.	Project Title	Funding Agency Name	Duration	Amount in Rs.
1.	First International Conference “Advanced Materials Manufacturing and Structures” – ICAMMS-24	Science and Engineering Research Board (SERB)	22.02.24 To 23.02.24	250000
2.	Commute cum Cargo E-Cycle	AICTE	1 Year	40000
3.	Two Day National Seminar on High-Performance Materials for Sustainable Nuclear Technology Challenges & opportunities	BRNS	30.08.24 To 31.08.24	100000
Total Amount (x)				390000
CAY m2 (2022-2023)				
1.	Modernization of computer aided manufacturing laboratory by retrofit and up gradation of process machinery	AICTE	3 years	1680000
Total Amount (y)				1680000
Total (x +y)				2070000


Dr. G. Muthu, M.E., Ph.D.,
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LIST OF CONSULTANCY PROJECTS

CAY m1 (2023-2024)				
Sl.No.	Project Title	Funding Agency Name	Duration	Amount in Lakhs
1.	Detailed on brake systems in Electric Tractors and ICE Tractors	Tractor and Farm Equipment (TAFE)	1 year	100000
Total (X)				100000
CAY m2 (2022-2023)				
1.	Battery Thermal Management System with Development of unmanned E-Powered Pesticide Sprayer as Sustainable Farm Equipment	Tractor and Farm Equipment (TAFE)	1 year	418306
2	Battery Thermal Management System	Tractor and Farm Equipment (TAFE)	1 Year	251718
3	Optimizing Business Intelligence with Data Science	Infocepts Technologies Pvt.Ltd	18 Months	175000
Total (Y)				845024
CAY m3 (2021-2022)				
1	Customized stainless Steel Name Boards for Institutional and Residential Complexes	Annai Medical College and Hospital	1 Year	700000
2	Materials Section and Fabrication of a High-Durability stainless Nameplate for Medical College quarters	Annai Medical College and Hospital	1 year	1100000
Total (Z)				1800000
Total (x+y+z)				2745024


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DEPARTMENT OF MECHANICAL ENGINEERING

FIT/GIFT:-

RIT – FIT (FACULTY INTERNAL FUNDED TECHNICAL PROJECTS) &

RIT – GIFT (GRADUATE INTERNAL FUNDED TECHNICAL PROJECT SCHEME)

The following faculty and students of mechanical engineering department have received research grant from RIT through above mentioned schemes.

Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/ Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned in Rs.
Design and fabrication of 50 litres per day solar water heater with heat exchanger subjected to natural convection and ann model prediction for optimized operating conditions.	Dr. M. Dinesh Babu, Dr. Godwin John J & Dr. S. Sridhar	MECH	2024	1,00,000
Lubricate Oil Extraction From Waste Oil	Ms. Karthick Balaji & Dr.N.Pragadish	MECH	2024	15,000
Feasibility Study On Production (Laboratory Scale) Of Hydrogen Fuel From The Algal Biomass	Mr.Deepak & Dr.Godwin John J	MECH	2024	15,000
Sky Sprite	Mr. Rishi Kumar & Mr.R.Deepak Suresh Kumar	MECH	2024	15,000
TOTAL				1,45,000


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