



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
S.P.G.Chidambara Nadar - C.Nagammal Campus
S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).

KAMARAJ SEED MONEY GRANT SCHEME (KSMG'2024) -BUDGET UTILIZATION

S. No.	Name of PI	Name of Co-PIs	Project Title	Amount Sanctioned (in Rs.)	Amount Utilized (in Rs.)
1.	Dr.G.Sakthivel	Dr.D.Prince Winston Dr.B.Guru Karthick Babu Dr.R.Suresh Babu Dr.S.Thangakasi Rajan Mr.R.Ashok Mrs.P.Ramalakshmi Dr.B.K.Parrthipan Dr.B.Balavairavan	Solar-Powered Electric Vehicle with Dynamic Solar Panel Reconfiguration for Optimal Power Generation	5,00000	3,85,027.66
2.	Dr.M.Subahar	Dr.K.Geetha	Optimization of properties of cellular light weight concrete using protein based foaming agent	5,00000	35,719
3.	Dr.K.Kannan	Mr.S.Wesley Moses Samdoss	Tomato Harvesting Robot	5,00000	3,62,837.73
4.	Mr.Karl Joseph Samuel	Dr.S.Karthikumar	Design and Construction of a Pilot scale raceway system for treating industrial and Domestic Wastewater	5,00000	3,70,380

S. No.	Name of PI	Name of Co-PIs	Project Title	Amount Sanctioned (in Rs.)	Amount Utilized (in Rs.)
5.	Dr. S. Thanga Kasi Rajan	Mr.R.Sakthivel Murugan Dr.K.Muruganantham	A Novel Way Of Developing The Electric Cycle With a Treadmill	5,00000	4,03,827
6.	Dr.R.Sureshbabu	Dr.D.Prince Winston Dr.S.ThangakasiRajan Mr.R.Ashok Mrs.P.Ramalakshmi Mr.N.R.Madhan Mrs.J.Uma Maheswari	Surveillance Drone	5,00000	4,84,874
7.	Dr.M.Hema	Dr.D.Prince Winston Mr.S.Ramesh Prabhu Mrs.S.Kavitha	Design and Development of 50W Fuel Cell for Household Application	2,35,000	79,705
8.	Dr.A.Meenakshi	Dr.R.Ramya Dr.A.Anandh Dr.G.Uma Maheswari Mrs.S.Athilakshmi	Ms.S.Janani Mrs.K.Leelarani Mrs.X.Ignatius Selvarani Ms.Pradhiba	5,00000	5,00,320
9.	Dr.T.Prathiba Dr.R.Arthy	Mrs.V.Deepapriya Dr.K.Geetha Dr.S.Nisharani	Automated Infrared Thermal Imaging (IRTI): A Potential Instrument for Prompt Diabetic Foot Complication Early Identification and Management via Deep Learning Techniques	5,00000	4,09,503.51

S. No.	Name of PI	Name of Co-PIs	Project Title	Amount Sanctioned (in Rs.)	Amount Utilized (in Rs.)
10.	Dr.P.Praveen Kumar	Mr.P.G.Siva Sharma Karthick	Evaluation and Grading of Text based Assessment by using AI model	5,00000	4,03,100
Total Amount				Rs. 47,35,000	34,35,293.24

RESEARCH AND DEVELOPMENT CELL

KAMARAJ SEED MONEY GRANT SCHEME (KSMG'-2024)

UTILIZATION CERTIFICATE

Name of the PI with Designation : Dr.G.Sakthivel, AP/EEE

Name of the Co-PI with Designation : Dr.D.Princewinston, Prof./EEE
Dr.R.Suresh babu, Prof./ECE
Dr.B.Guru Karthick Babu, ASP/EEE
Dr.S.ThangakasiRajan, ASP/Mech
Dr.B.Balavairavan, AP/Mech
Mr.R.Ashok, AP/ECE
Mrs.P.Ramalakshmi, AP/ECE
Dr.B.K.Parthipan, AP/MECH

Project Title : Solar-Powered Electric Vehicle with
Dynamic Solar Panel Reconfiguration
for Optimal Power Generation.

Amount Utilized : **₹3,85,027.65**

It is certified that the Sum of Rs Five Lakhs (*Rupees in Words*) Sanctioned through KAMARAJ SEED MONEY GRANT SCHEME during the year 2024-25 has been utilized for the purpose for which it was sanctioned and sum of Rs. One Lakh Fourteen Thousand Nine Hundred and Seventy-Two and Paise Thirty-Five Only. remaining unutilized is refunded.


ASSOCIATE DEAN (RESEARCH)


DEAN (RESEARCH)


PRINCIPAL

RESEARCH AND DEVELOPMENT CELL

KAMARAJ SEED MONEY GRANT SCHEME (KSMG'-2024)

UTILIZATION CERTIFICATE

Name of the PI with Designation : Dr.M.Subahar
Assistant Professor
Department of Civil Engineering

Name of the Co-PI with Designation : Dr.K.Geetha
Associate Professor
Department of Biotechnology

Project Title : Optimization of Properties of Cellular
Light Weight Concrete using Protein
based Foaming Agent

Amount Utilized : Rs. 35,719

It is certified that the Sum of Rs. Thrity Five Thousand Seven Hundred and Nineteen (*Rupees in Words*) Sanctioned through KAMARAJ SEED MONEY GRANT SCHEME during the year 2024-2025 has been utilized for the purpose for which it was sanctioned and sum of Rs. 4,64,281 remaining unutilized is refunded.


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RESEARCH AND DEVELOPMENT CELL

KAMARAJ SEED MONEY GRANT SCHEME (KSMG'-2024)

UTILIZATION CERTIFICATE

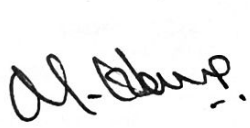
Name of the PI with Designation : Dr.K.Kannan,
Professor & Head ,
Mechatronics Engineering

Name of the Co-PI with Designation : Mr.S.Wesley Moses Samdoss,
Assistant Professor,
Electronics and Communication Engineering

Project Title : Tomato Harvesting Robot

Amount Utilized : ₹3,62,837.73

It is certified that the Sum of __Rs. __ Three Lakh Sixty-Two Thousand Eight Hundred Thirty-Seven and Paise Seventy-Three Only *Rupees in Words*) Sanctioned through KAMARAJ SEED MONEY GRANT SCHEME during the year ____2025____ has been utilized for the purpose for which it was sanctioned and sum of Rs. ____1,37,162.27____ remaining unutilized is refunded.


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UTILIZATION CERTIFICATE

Name of the PI with Designation	:	Er. KARL JOSEPH SAMUEL Assistant Professor, Biotechnology
Name of the Co-PI with Designation	:	Dr. S. KARTHIKUMAR Associate Professor, Biotechnology
Project Title	:	Design and Construction of a Pilot Scale Raceway System for Treating Industrial and Domestic Waste Water
Amount Utilized	:	₹ 3,70,380

It is certified that the sum of ₹ 5,00,000 (Rupees Five Lakh Only) sanctioned through the KAMARAJ SEED MONEY GRANT SCHEME (KSMG-2024) during the year 2024-2025 has been utilized for the purpose for which it was sanctioned. A sum of ₹ 1,29,620 (Rupees One Lakh Twenty-Nine Thousand Six Hundred and Twenty Only) remains unutilized and is refunded.


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RESEARCH AND DEVELOPMENT CELL

KAMARAJ SEED MONEY GRANT SCHEME (KSMG'-2024)

UTILIZATION CERTIFICATE

Name of the PI with Designation : Dr.R.Sureshbabu
Professor & ECE

Name of the Co-PI with Designation : Dr.D.Prince Winston, Professor / EEE
Dr.S.Thanga Kasi Rajan, ASP / Mech
Dr.R.Ashok, AP / ECE
Mrs.P.Ramalakshmi, AP / ECE
Mr.N.R.Madhan, AP / Mech
Mrs.J.Uma Maheswari, AP/ EE

Project Title : Surveillance Drone

Amount Utilized : Rs.4,84,874/-

It is certified that the Sum of Rs.4,84,874/- (*Rupees in Four lakh eighty four thousand eight hundred and seventy four only*) Sanctioned through KAMARAJ SEED MONEY GRANT SCHEME during the year 2024-2025 has been utilized for the purpose for which it was sanctioned and sum of Rs. 15,126/- remaining unutilized is refunded.


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RESEARCH AND DEVELOPMENT CELL
KAMARAJ SEED MONEY GRANT SCHEME (KSMG'-2024)

UTILIZATION CERTIFICATE

Name of the PI with Designation : Dr.M.Hema, ASP/ Physics

Name of the Co-PI with Designation : Dr.D. Prince Winston, Prof & HoD/EEE
Er.S.Ramesh Prabhu, AP/ Gen.Engg
Er.S.Kavitha, AP/Gen.Engg

Project Title : DESIGN AND DEVELOPMENT OF 50W
FUEL CELL FOR HOUSEHOLD
APPLICATION

Amount Utilized : Rs.79,705

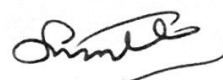
It is certified that the Sum of Rs. Two Lakhs Thirty-Five Thousand (*Rupees in Words*) Sanctioned through KAMARAJ SEED MONEY GRANT SCHEME during the year 2024 has been utilized for the purpose for which it was sanctioned and sum of Rs. One Lakh Fifty-Five Thousand Two Hundred and Ninety-Five remaining unutilized is refunded.



ASSOCIATE DEAN (RESEARCH)



DEAN (RESEARCH)



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RESEARCH AND DEVELOPMENT CELL
KAMARAJ SEED MONEY GRANT -2024

UTILIZATION CERTIFICATE

Name of the PI : **Dr.A.Meenakshi,**
Prof & Head / CSE

Project Title : **KCET Cloud LMS: Your Gateway to**
Online Certification Courses

Amount Utilized : **Rs.5,00,320**

It is certified that the Sum of Rs.5,00,000/- (five lakhs only) Sanctioned through KAMARAJ SEED MONEY GRANT SCHEME during the year 2024 has been utilized for the purpose for which it was sanctioned and sum of Rs.0/- (Zero) remaining unutilized is refunded.


ASSOCIATE DEAN


DEAN


PRINCIPAL

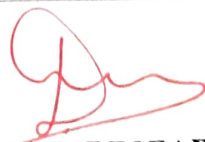
RESEARCH AND DEVELOPMENT CELL

KAMARAJ SEED MONEY GRANT SCHEME (KSMG'-2024)

UTILIZATION CERTIFICATE

Name of the PI with Designation	:	Dr.S.Thangakasi Rajan, Associate Professor and Head, Department of Mechanical Engineering Kamaraj College of Engineering and Technology, Virudhunagar
Name of the Co-PI with Designation	:	1. Dr.R.Sakthivel Murugan, Assistant Professor, Dept of Mechanical Engineering, Kamaraj College of Engineering and Technology, Virudhunagar 2. Dr.K.Murugananthan, Assistant Professor, Dept of Mechatronics Engineering, Kamaraj College of Engineering and Technology, Virudhunagar
Project Title	:	A Novel Way of Developing the Electric Cycle with A Treadmill
Amount Utilized	:	Rs. 4,03,827
It is certified that the Sum of <u>Rs. 4,03,827</u> (<i>Four Lakhs three thousand eight hundred and twenty-seven rupees</i>) Sanctioned through KAMARAJ SEED MONEY GRANT SCHEME during the year <u>2024-2025</u> has been utilized for the purpose for which it was sanctioned and sum of <u>Rs.96,173</u> remaining unutilized is refunded.		


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RESEARCH AND DEVELOPMENT CELL

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UTILIZATION CERTIFICATE

Name of the PI with Designation	:	Dr.T.Prathiba, Associate Professor / ECE Dr.R.Arthy, Assistant Professor / IT
Name of the Co-PI with Designation	:	Mrs.V.Deepapriya, Assistant Professor / IT Dr. K.Geetha, Associate Professor / BT Dr.S.Nisha Rani, Assistant Professor / ECE
Project Title	:	Automated Infrared Thermal Imaging (IRTI): A Potential Instrument for Prompt Diabetic Foot Complication Early Identification and Management via Deep Learning Techniques
Amount Utilized	:	<u>Rs. 4,09,503.51/-</u>

It is certified that the Sum of **Rs. Four lakhs Nine Thousand Five Hundred and Three** Sanctioned through KAMARAJ SEED MONEY GRANT SCHEME during the year 2024 – 2025 has been utilized for the purpose for which it was sanctioned and sum of **Rs.90,497/-** remaining unutilized is refunded.


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UTILIZATION CERTIFICATE

Name of the PI with Designation	: Dr.P.Praveen Kumar Associate Professor- ADS
Name of the Co-PI with Designation	: Mr.P.G.Siva Sharma Karthick Assistant Professor – ADS
Project Title	: Evaluation and Grading of Text-Based Assessments by using AI model
Amount Utilized	: Rs. 4,03,100

It is certified that the Sum of Rs. Four Lakhs Three Thousand and One Hundred Sanctioned through KAMARAJ SEED MONEY GRANT SCHEME during the year 2024-2025 has been utilized for the purpose for which it was sanctioned and sum of Rs. 96,900 remaining unutilized is refunded.

		
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