



Sri Ramakrishna Institute of Technology

(An Autonomous Institution)

(Accredited by NAAC with "A" Grade)

Pachapalayam, Perur Chettipalayam, Coimbatore – 641 010

www.srit.org :: Phone – 0422-2605577



Faculty Profile

Full name with Qualification, Designation and

Department:

Mr. R Immanual ,B.E., M.E., (Ph.D.),

Assistant Professor,

Mechanical Engineering



Date of birth	:	20/06/1993	Gender	:	Male
Nationality	:	Indian	Marital status	:	Married
Address for correspondence	:	5F/2A/01 Levinjupuram Tuticorin-628003	Permanent address	:	5F/2A/01 Levinjupuram Tuticorin-628003
Mobile no	:	9677817992	e-mail (official)	:	Immanual.me@srit.org
Landline	:		e-mail (personal)	:	immangwu@gmail.com
Date of joining	:	26/05/2016	Post of joining	:	Assistant Professor
No of promotions since D.O.J	:	Nil	Present post	:	Assistant Professor
Present pay scale	:	19,039.00	Gross pay	:	38,666.00
Employee ID	:	TE286	Bank account No. (Salary credited)	:	500101010981098
P.F. No	:	TN/CBE/56764/760	Group Insurance No	:	AG00059675000102
PAN Number	:	AEIPI4136F	Aadhar Number	:	288169317195
AICTE ID	:	1-3202418627	AICTE Institution ID	:	1-7841521

Educational Qualification

Degree	Specialization	Year of Passing	Name of the College	Name of the University	Class Obtained
UG	B.E Mechanical Engineering	2014	Dhana lakshmi srinivasan College of Engineering	Anna University Chennai	First
PG	M.E* Energy Engineering	2016	Anna University Tirunelveli Region	Anna University Chennai	First
Ph.D	Thermal	2023	PSG College of Technology	Anna University Chennai	
Others					

Registration for Ph.D. with area of interest:

Thermal Energy Storage for Solar Energy Applications

Year of Ph.D. Registration: 2018

Year of Ph.D. Completed: 2023

Thesis Title: Thermal Energy Storage for Solar Desalination

Supervisor Recognition Number:**Ph.D. Scholar Details**

S.No.	Name of the scholar	Registration details	College	Status

Academic Experience

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Sri Ramakrishna Institute of Technology	Assistant Professor	26/05/2016	-	7	3	10
Total				7	3	10

Industrial Experience

Name of the Organisation	Designation	Nature of Work	Joining Date	Relieving Date	Experience		
					Years	Months	Days
AGSAR CHEMICALS	Trainee	Store Keeper	May 2010	July 2010	0	3	0
Total					0	3	0

Courses Handled

Academic Year	Semester	Course Code	Course Name	Type of Course (T / L)	Pass Percentage
2016-17	6	ME6003	Renewable Sources of Energy	T	84
2016-17	8	ME6811	Project Work	T	100
2017-18	3	ME6301	Engineering Thermodynamics	T	86
2017-18	5	ME6511	Dynamics Laboratory	L	100
2017-18	1	UICE015	Engineering Workshop	L	100
2017-18	1	UICE001	Basic Civil and Mechanical Engineering	T	100
2017-18	4	ME6404	Thermal Engineering	T	80
2017-18	2	UICE001	Basic Civil and Mechanical Engineering	T	100
2017-18	2	UICE012	Engineering Mechanics	T	82
2018-19	5	ME6502	Heat and Mass Transfer	T	76
2018-19	3	UICH003	Economics for Engineers	T	78
2018-19	3	UMEC001	Engineering Thermodynamics	T	76

2018-19	1	UICE015	Engineering Workshop	L	100
2018-19	6	ME6612	Design and Fabrication Project	L	100
2018-19	2	UICE012	Engineering Mechanics	T	76
2019-20	7	ME6701	Power Plant Engineering	T	80
2019-20	1	UICE001	Basic Civil and Mechanical Engineering	T	100
2019-20	8	ME6811	Project Work	L	100
2019-20	2	UICE001	Basic Civil and Mechanical Engineering	T	100
2020-21	3	UCEC002	Fluid Mechanics and Machinery	T	100
2020-21	1	20MEG02	Engineering Workshop	L	100
2020-21	1	20MEG02	Engineering Workshop	L	100
2020-21	4	UMEC004	Thermal Engineering	T	84
2021-22	7	UICH004	Industrial Management and Economics	T	86
2021-22	5	UMEC007	Heat and Mass Transfer	T	70
2021-22	4	20MEE05	3D Printing	T	100
2021-22	6	UMEG004	Introduction to Robotics	T	98
2022-23	3	20MEE04	Introduction to Robotics	T	98
2022-23	5	20MEE04	Introduction to Robotics	T	98
2022-23	6	20MEE04	Introduction to Robotics	T	98
2022-23	4	20MEE05	3D Printing	T	100
2022-23	2	20MEG02	Engineering Workshop	L	100

Projects Guided

Academic Year	Semester	Project Title	UG / PG
2016-17	8	Spiral Solar Thermal Collector	UG
2017-18	8	Go Kart	UG
2018-19	8	Smart Fishing Boat	UG
2018-19	8	Mehandhi Making Machine	UG
2018-19	8	Paper Bag Making Machine	UG

2019-20	8	Solar Still	UG
2020-21	8	Solar Still with PCM	UG
2021-22	8	Solar Still with Sound agitation	UG
2021-22	8	E Bike	UG
2022-23	8	E Rickshaw	UG
2023-24	7	Autonomous Drone	UG

Publications

Publications	SCI / Scopus / Web of Sciences	Others
Journal	10	
Conferences	4	

Journal Publications (IEEE format)

1. R. Immanuel, K. Kannan, "A comparative study of conventional solar stills and modified solar stills using the sound waves based agitating technique," Desalination and Water Treatment, vol. 306, pp. 1–8, 2023.
2. R. Immanuel, K. Kannan, B. Chokkalingam, B. Priyadarshini, J. Sathya, S. Sudharsan, E. R. Nath, "Performance Prediction of solar still using Artificial neural network," Materials Today: Proceedings, vol. 72, pp. 430-440, 2023.
3. B. Chokkalingam, M. Priya, R. Immanuel, B. Varun, "Identification of the Root Causes for Blowhole Defect in Castings Using Quantitative Risk Ishikawa Diagrams," Journal of Advanced Manufacturing Systems, vol. 21, no. 02, pp. 367-392, 2022.
4. S. Selvalakshmi, R. Immanuel, B. Priyadarshini, J. Sathya, "Artificial neural network (ANN) modelling for the thermal performance of bio fluids," Materials Today: Proceedings, vol. 66, pp. 1289-1294, 2022.
5. Karthikeyan, R. Immanuel, A. P. Vinofer, E. Varadha, B. Chokkalingam, "Multi-response optimization of the Thermal properties of Bio fluids using Taguchi-Grey Analysis," in IOP Conference Series: Materials Science and Engineering, vol. 1059, no. 1, p. 012051, 2021.
6. E. Varadha, S. Rajakumar, R. Immanuel, X. A. Jain, "Vibration analysis of transverse galloping of different bluff bodies," Materials Today: Proceedings, vol. 45, pp. 1274-1279, 2021.
7. B. Chokkalingam, V. Raja, M. Dhineshkumar, M. Priya, R. Immanuel, "Energy Savings in Foundries through Yield Improvement and Defect Reduction in Castings," Archives of Foundry Engineering, vol. 18, no. 1, pp. 15-18, 2018.
8. V. Rajkumar, R. Immanuel, N. Sivashanmugam, S. K. Babu, N. Arivazhagan, "Role of process parameters on bead geometry and metallurgical characteristics in autogenous gas

tungsten arc welding of maraging steels (250 grade)," Materials Today: Proceedings, vol. 5, no. 2, pp. 7640-7649, 2018.

9. B. Chokkalingam, V. Raja, J. Anburaj, R. Immanuel, M. Dhineshkumar, "Optimization of micro-alloying elements for mechanical properties in normalized cast steel using taguchi technique," Archives of Foundry Engineering, vol. 17, 2017.
10. B. Chokkalingam, V. Raja, J. Anburaj, R. Immanuel, M. Dhineshkumar, "Investigation of shrinkage defect in castings by quantitative Ishikawa diagram," Archives of Foundry Engineering, vol. 17, 2017.

Conference Publications (IEEE format)

1. Immanuel.R, Varadha.E, Rajakumar.S "Study And Design Of Weight Controlled Suicidal Preventive Clamp" In The International Conference On Materials, Design And Manufacturing Process, 15th- 17th Feb, 2016 Organized By College Of Engineering ,Guindy Anna University , Chennai.
2. [02] Immanuel.R,' "Development Of Touch Screen Controlled Motor Speed And Direction Controlling System" In The National Conference Held At Angel College Of Engineering And Technology And Kpr Institute Of Engineering And Technology.
3. Immanuel.R, Dr. S. Raja Kumar "Performance Evaluation And Optimization Of Cross Flow Cooling Tower" In The First International Conference On Emerging Trends In Engineering And Technology Organized By Society Of Engineering And Technology & Newton Tech Solution Tirunelveli.
4. Immanuel.R, Dr. S. Raja Kumar "Decrease The Outlet Water Temperature Of Cross Flow Cooling Tower" In The Second International Conference On Emerging Trends In Engineering And Technology Organized By Society Of Engineering And Technology & Newton Tech Solution Tirunelveli.
5. S. Daniel Selvakumar, Immanuel.R, Dr. S. Raja Kumar 'Calculation Of Cooling Load For Mushroom Cultivation" In The First International Conference On Emerging Trends In Engineering And Technology Organized By Society Of Engineering And Technology & Newton Tech Solution Tirunelveli.
6. S. Daniel Selvakumar, Immanuel.R, Dr. S. Raja Kumar "Design And Fabrication Of Photovoltaic Refrigeration System For Mushroom Cultivation" In The Second International Conference On Emerging Trends In Engineering And Technology Organized By Society Of Engineering And Technology & Newton Tech Solution Tirunelveli.
7. Immanuel .R, Raja V, Dhinesh Kumar M, Varun B, Asha P: Study Of Electrochemical Oxidation Technique Using Textile Blue Dye. International Conference On Frontiers In Engineering, Applied Sciences And Technology, Nit Tiruchirappalli 2017; 03/2017

8. Immanuel .R, Raja V, Chokkalingam B, Dhineshkumar: Optimization Of Crossflow Cooling Tower For Best Input Condition. 1st International And 18th Isme Conference, Nit Warangal, Warangal; 02/2017
9. Paulvinofer.B , Immanuel.R , S.Ramesh , Varun.B , V.Raja , Dhinesh Kumar. M And Chokkalingam.B, Thermal Performance And Experimental Evaluation Of Spiral Solar Thermal Collector, International Conference On Trends And Advanced Research In Green Energy Technologies, Ictarget-2017', 30th & 31st March, 2017,Vit Vellore.
10. E.Varadha, S. Rajakumar, , And R .Immanuel,' Optimization Of Cantilever Beam For Wind Energy Harvesting System Using Taguchi's Approach', International Conference On Trends And Advanced Research In Green Energy Technologies, Ictarget-2017', 30th & 31st March, 2017,Vit Vellore.
11. Rajkumar.V, Immanuel R, Sivashanmugam N, Kumaresh Babu Sp, Arivazhagan N , Role Of Process Parameters On Bead Geometry And Metallurgical Characteristics In Autogenous Gas Tungsten Arc Welding Of Maraging Steels (250 Grade) ,Imme 2017 ,Nit Trichy.
12. Immanuel R"Prediction of Coolingload for Sericulture using Artificial Neural Networks",in the ISER 128 th International Conference , NewYork, USA, 16th -17th May 2018.
13. Immanuel R" Prediction of Vibrowind Energy Harvester",in the 2020 International Conference on Computer Communication and Informatics , SRI SHAKTHI INstitute of Engineering and Technology Coimbatore, 22 -24th Jan 2020.

Books / Book Chapters (IEEE format)

Sponsored Research

Project Title	Funding Agency	Amount Rs.	Duration
Optimization Of Vibro Wind Output Power For Charging Applications	SRIT-RPS Scheme	1,50,000	2017 (1 year)
Performance evaluation of Spiral solar Thermal Collector	SRIT-RPS Scheme	7,500	2016 (1 year)
Automatic saree Folding Machine	SRIT-RPS Scheme	1,50,000	2019 (1 year)
Smart Fishery Boat	SRIT-RPS Scheme	7,500	2019 (1 year)
SRIT CAR and Khagithapai	SNR TRUST	1,20,000	2016 (1 year)
Srit Racers Kart	SNR TRUST	1,00,000	2018 (1 year)

E KART	SNR TRUST	1,75,000	2018 (1 year)
Smart Fishing Boat	DST-TEXAS	5,00,000	2019 (1 year)
Controlling and Storing the Data Using Raspberry pi Data-logger	SRIT-RPS Scheme	7,500	2022 (1 year)
Solar Still PCM based Sound Agitated Water purifier	TNSCST	7,500	2023 (1 year)
SRIT E RICKSHAW	SRIT-RPS Scheme	50,000	2023 (1 year)
SRIT GO KART	SNR TRUST	1,90,000	2023 (1 year)

Consultancy

S. No.	Organization/ Agency	Nature of Work	Amount in Rs.	Year

Workshops / Seminars attended

1. Attended a one-day Short-term Course on "Recent Initiatives on Energy and Environmental Research" at the National Institute of Technology Tiruchirappalli on 16th February 2016.
2. Participated in a one-day Energy Auditing event at Anna University Tirunelveli Regional campus on 19th December 2015.
3. Attended a one-day State-level seminar on "Advances in Solar Thermal Energy Systems" at Francis Xavier College of Engineering on 31st July 2015.
4. Participated in a one-day workshop on "Solar and Wind Energy" at Anna University Tirunelveli Regional campus on 11th March 2015.
5. Participated in the third edition of "Industry Connect 2013" at Sri Eshwar College of Engineering on 5th & 6th July 2013.
6. Attended a CSIR Sponsored two-day National Seminar on "Advanced Modeling Techniques for Heat Transfer Equipments and its Applications" at KPR Institute of Engineering and Technology on 1st & 2nd February 2013.
7. Participated in a two-day "Autonomous Robotics workshop" conducted by i3 india Technologies, Delhi in association with IIT Kanpur at Chettinad College of Engineering & Technology from 24th to 25th December 2011.

8. Attended a one-day workshop on "Automotive Transmission Systems" at Sri RamaKrishna Institute of Technology on 25th March 2017.
9. Participated in a one-day "Faculty Advisor Forum" conducted by SAE India at Vel Tech University, Chennai from 13th to 14th October 2016.
10. Attended a one-day workshop on "Modern Trends in Automobile Technologies" at Sri RamaKrishna Institute of Technology on 23rd February 2017.
11. Participated in the National Seminar on "Vision Nano-17" at Sri RamaKrishna Engineering College on 17th February 2017.
12. Attended a one-day workshop on "IC Engines Overhauling" in association with IIT Hyderabad at Sri RamaKrishna Institute of Technology in 2017.
13. Participated in a two-day National-level workshop on "Advances in Artificial Intelligence" at Sri RamaKrishna Institute of Technology from 22nd to 23rd December 2016.
14. Attended a one-day national-level workshop on "Comprehensive Techniques for Enhancing the Quality" at Sri RamaKrishna Institute of Technology on 30th September 2016.
15. Participated in an International workshop on "Outcome based Education" at Rathinam Technical Campus, Coimbatore from 15th to 16th September 2016.
16. Attended a one-day Hands-on Workshop on Industrial Automation at Sri RamaKrishna Institute of Technology on 14th November 2016.
17. Participated in a National seminar on "Transforming Virtual Ideas into Realistic 3D Model: Rapid Prototyping" at Sri RamaKrishna Institute of Technology on 6th October 2017.
18. Completed an AICTE-ISTE Approved Induction/Refresher Programme on "SMART BUILDINGS" at Sri RamaKrishna Institute of Technology from 25th to 30th June 2018.
19. Participated in a PYTHON PROGRAMMING event at MIT Campus in July 2019.
20. Attended the Optimization Techniques session at IISC Bangalore in October 2019.
21. Attended a One Day Colloquium on Grant Proposal Writing conducted by CIT – TLC on 13th June 2020 through online mode.
22. Attended a Boot camp on Fundamentals of Fluid Dynamics by SKILL-Lync on 30th May 2020.
23. Participated in the Green Buildings & Built Environment program organized by the Confederation of Indian Industry from 31st May 2021 to 4th June 2021.
24. Participated in the Internet of Things (IoT) program organized by the Indian Institute of Technology Goa (IIT Goa) from 14th to 18th November 2020.

25. Attended the International Conference on Manufacturing and Modelling at Vellore Institute of Technology from 24th to 26th March 2023.
26. Participated in the Recent Trend and Research Issues in Image Processing event at Kumaraguru College of Technology from 19th to 20th October 2022.
27. Completed the Innovation Ambassador (IA) training Advanced Level conducted by MoE's Innovation Cell (Government of India) comprising 15 sessions and 30 contact hours in 2022.
28. Attended a session on Geometric Dimensioning and Tolerancing at Government College of Technology, Coimbatore on 8th February 2022.

Faculty Development Program attended (from recent)

1. Participated in a 7-day Faculty Development Program (FDP) for "Engineering Optimization Techniques and Modern Manufacturing Concepts" organized by GCE Salem from 10th to 16th March 2016.
2. Attended a twelve-day Faculty Development Program (FDP) for "Fundamentals Of Vibration-Measurements, Analysis And Control" conducted by the Department of Mechanical Engineering at St. Joseph's College of Engineering, OMR Chennai from 30th October to 10th November 2017.
3. Participated in a seven-day Faculty Development Program (FDP) for "Design of Experiments and Programming Skills for Advanced Research" at GCE Salem from 14th to 20th December 2016.
4. Participated in a Faculty Development Programm on "Introduction to Matlab and its applications in Engineering" at Sri RamaKrishna Institute of Technology from 15th to 16th November 2016.
5. Completed a 5-day Online Faculty Development Program (FDP) on R Programming organized by Indo Global Group of Colleges, New Chandigarh in association with IIT Bombay Spoken Tutorial from 27th April to 1st May 2020.

Events Organized (from recent)

Conference

FDP

Workshops

1. Hands-on Training on Minitab, a national-level workshop held for two days on 03 & 04 February 2017.

2. Advanced Manufacturing Processes (AMP-17), a national-level event spanning two days on 23 & 24 March 2017.
3. One-day Workshop on Energy Conservation at a national level on 11/10/2017.
4. Hands-on workshop titled "Matlab Companion for Matrices," conducted nationally on 28/10/2017.
5. Hands-on workshop on Aerial Robotics on 01 & 02/02/2019.
6. National-level, one-day Hands-on Workshop on Graphic Design on 30/08/2018.
7. National Level Training on MIT App Inventor on 27/07/2018.
8. International Hands-on Workshop/Training in Collaboration with UNIMAP on Expanding Prospects with ROS and IOT for Cloud Robotics on 10 & 11/September/2019.
9. Online Webinar on Business Development and Entrepreneurship on 09/06/2020 at the national level.
10. Cricket Bat Design Challenge on 07/10/2022 at the state level.

Seminars

1. One-day seminar on Industry 4.0 on 28/09/2017 at the national level.
2. Online Guest Lecture on Advancements in Mechanical Engineering on 30/04/2021 at the state level.
3. Seminar on Patent Filing and PCT on 02/06/2021 at the national level.
4. CSIR Sponsored Two-day National Seminar on Recent Research on Nanoparticles used in the fabrication of Super Capacitor Energy Storage System from 15.07.2019 to 16.07.2019.

Online Courses Completed

Sl. No.	Title	Platform
1.	Matlab Onramp	Matlab Academy
2.	MATLAB Programming for Numerical Computation	NPTEL
3.	Role as a Mentor for the NPTEL Online Certification course LAWS OF THERMODYNAMICS	NPTEL
4.	A Hands-on Introduction to Engineering Simulations	CornellX: ENGR2000X
5.	Basic 3D Modeling using Blender	IITBombayX
6.	Crash Course on Python	Coursera
7.	The Data Scientist's Toolbox	Coursera (Johns

		Hopkins University)
8.	Python Programming Essentials	Coursera (Rice University)
9.	Python Basics for Data Science	IBM
10.	Introduction to Python	Infosys Springboard
11.	Programming Fundamentals using Python - Science Graduates – Foundation Program	Infosys Springboard
12.	Programming Fundamentals on Python	Infosys Springboard
13.	Advanced Manufacturing Technology	Sri Ramakrishna Institute of Technology (AICTE ISTE)
14.	An Introduction to Peer Review	Web of Science Academy

Awards and Recognitions Secured

1. Won first Prize in Techno fair 2016 organized by District science center Tirunelveli conducted on 5th Mar 2016.
2. Awarded First Rank among the candidates graduated in the degree of master of engineering in Energy Engineering programme under the faculty of mechanical engineering at Anna university Regional campus – Tirunelveli. in June 2016 on the basis of Performance in all the examinations held during 2014-2016.
3. Participated in IEEE SS12 Project Competition & Make Fair 2018 held on 8th -9th September 2018 at NSBM Green University, Sri Lanka.
4. Dr.Paulraj, Dr.K.Sheela Sobana Rani, Ms. K.M.Kirthika, Mr R.Immanual and Ms.V.R.Meenachi won Double Gold award for invention titled “An Automatic Temperature Controlling System for Optimal Sericulture and Mobile Mulberry Hiring Centre” exhibited at International Engineering Invention and Innovation Exhibition (I-ENVEX) 2018 conducted by University of Malaysia Perlis on 13.04.2018 - 15.04.2018 at Malaysia.
5. Dr.Paulraj, Dr.K.Sheela Sobana Rani, Ms. K.M.Kirthika, Mr R.Immanual and Ms.V.R.Meenachi won Double Gold award for invention titled “An Automatic Temperature Controlling System for Optimal Sericulture and Mobile Mulberry Hiring Centre” exhibited at International Engineering Invention and Innovation Exhibition (I-ENVEX) 2018 conducted by University of Malaysia Perlis on 13.04.2018 - 15.04.2018 at Malaysia.

6. Dr.Paulraj, Dr.K.Sheela Sobana Rani, Ms. K.M.Kirthika, Mr R.Immanual and Ms.V.R.Meenachi won Special award for invention titled “An Automatic Temperature Controlling System for Optimal Sericulture and Mobile Mulberry Hiring Centre” exhibited at International Engineering Invention and Innovation Exhibition (I-ENVEX) 2018 given by Nortan University conducted by University of Malaysia Perlis on 13.04.2018 - 15.04.2018 at Malaysia.
7. Dr.Paulraj, Dr.C.R.Hema Dr.M.Yuvaraju, Mr.R.Immanual, Mr.R.Nagendran, Mr.Augustine Babu and Mr.J.J.Adri Jovin won Gold Award, for the Invention entitled “Collar Cleaning Machine” exhibited at World Invention Creativity Olympic (WICO) 2018 on 02.08.18 - 4.08.18 at Seoul, Korea.
8. Dr.Paulraj, Dr.C.R.Hema, Dr.M.Yuvaraju and Mr.R.Immanual won Special Award for the Invention entitled, “Collar Cleaning Machine” exhibited at World Invention Creativity Olympic (WICO) 2018 given by Norton University on 02.08.18 - 4.08.18 at Seoul, Korea
9. Dr.Paulraj,Dr.C.R.Hema,Dr.M.Yuvaraju and Mr.R.Immanual Best Leading Innovation Award for the Invention entitled,“Collar Cleaning Machine”exhibited at World Invention Creativity Olympic (WICO) 2018 given by Macao Innovation and Invention Association on 02.08.18 - 4.08.18 at Seoul, Korea.
10. Dr.Paulraj, Dr.K.Sheela Sobana Rani, Ms. K.M.Kirthika, Mr R.Immanual and Ms.V.R.Meenachi won Gold Award for Invention entitled, “An Automatic Temperature Controlling System for Optimal Sericulture and Mobile Mulberry Hiring System” exhibited at World Invention Creativity Olympic (WICO) 2018 on 02.08.18 - 4.08.18 at Seoul, Korea
11. Dr.Paulraj, Dr.K.Sheela Sobana Rani, Ms. K.M.Kirthika, Mr R.Immanual and Ms.V.R.Meenachi won Special Award for Invention entitled, “An Automatic Temperature Controlling System for Optimal Sericulture and Mobile Mulberry Hiring System” exhibited at World Invention Creativity Olympic (WICO) 2018 given by Norton University on 02.08.18 - 4.08.18 at Seoul, Korea.
12. Mr.R.IMMANUAL of team SRIT Racers for achieving DRONACHARYA AWARD in the dynamic event held at SNS Institute of Technology organized by sumathi Motor Sports from 24th -26th January 2019.
13. Smart fishing Boat project received Rs 5 lakhs as product development fund and also received Rs 25,000 as cash prize for applying more number of patents from IICDC 2018 an initiative by IIMB, NSRCEL, Texas Instruments, Department of Science and Technology supported by My Gov.
14. The Confederation of Elite Academicians of IICDC by AICTE
15. Distinguished member of the Technical Evaluation panel IICDC 2019
16. Dr.Paulraj, Dr.R.N.Uma, Dr.K.Sheela Sobana Rani, Ms. K.M.Kirthika,, Mr.R.Immanual, won Gold Award, for the Invention entitled “Mehndi(Inai) Applier Machine Version 2.0” exhibited at 2019 Kaohsiung International Invention & Design EXPO at Taiwan

17. Dr.Paulraj, Dr.R.N.Uma, Dr.K.Sheela Sobana Rani, Ms. K.M.Kirthika,, Mr.R.Immanual, won Young Inovator Award, for the Invention entitled “Mehndi(Inai) Applier Machine Version 2.0” exhibited at 2019 Kaohsiung International Invention & Design EXPO at Taiwan
18. Our GO Kart Team (Myself as Mentor) has been awarded Endurance Runner Up at “Indian Pro-Kart Challenge” Organized by IMAGINE TO INNOVATE which was held on September 25th to 29th 2019, at Raghu Educational Institutions, Visakhapatnam.
19. Our GO Kart Team (Myself as Mentor) has been awarded Runner Up at “Indian Pro-Kart Challenge” Organized by IMAGINE TO INNOVATE which was held on September 25th to 29th 2019, at Raghu Educational Institutions, Visakhapatnam.
20. Our GO Kart Team (Myself as Mentor) has been awarded Best Acceleration at “Indian Pro-Kart Challenge” Organized by IMAGINE TO INNOVATE which was held on September 25th to 29th 2019, at Raghu Educational Institutions, Visakhapatnam.
21. Participated in IEEE YESIST12 and won special award in INNOVATION TRACK representing India at Stamford University, Bangkok, Thailand. 7 and 8th of September 2019.
22. Participated and Got GOLD Award in Virtual Expo of Innovation Products and system design (VIDE)2020 on 19th November 2020 for the Project of IOT INTEGRATED POTHOLE DETECTION AND ALERT SYSTEM FOR SMART CITIES organized by University of Malaysia Perlis
23. Dr.Paulraj,Dr.C.R.Hema,R,Immanual,J.Sathya,R.Sathishkumar Participated and Got Silver Award in International Innovation , Creativity & Technology Exhibition (i2CREATE 2021) on 16/09/2021 for the project A NOVEL – E LEARNING FOR CONTENT DEVELOPER FOR PRIMARY SCHOOL TEACHER Organized by University of Malaysia Perlis.
24. SAE INDIA BICYCLE DESIGN COMPETITION 2022 held at Bannari Amman Institute of Technology, Erode on 21& 22/05/2022 Organised by SAE India and Won Best Dyanmic Performance with Cash Prize od Rs.12,000/-
25. Indian Karting Racing (Season 6) held at Galgotias University, Noida,Uttar Pradesh on January – 2022 and won Best Acceleration Award – 10,000/-Best Innovation Award- 10,000/ Future Award- 10,000/-
26. IAM3D Design Presentation Competition held at Ramaiah Institute of on Technology Organized by ASME EFX on 08-12-2022.
27. Formula Kart Racing Championship 01 Organized by RACY Club on 1st - 2nd February 2023 at Kari Motors Speedway and Won Overall Winner-up Championship Award– 30,000/- Best SkidPad Award -3,000/-Best Autocross Award– 3,000/- Best Innovation Award - 3,000/- Light Weight Award - 3,000/-Best Build Quality Award -3,000/- Best Virtual presentation Award - 3,000/- Best Cost optimum Award Go-Green Award, Best Female Award.

28. Live design hackathon Organized by ASMEEFX & Autodesk on 1.4.2023 at PES University ,Bangalore Won Second Prize with Cash Prize of Rs.20,000/-

Self-appraisal

Major Strengths

1. Dedication
2. Multi-tasking
3. Adaptation

Major Weakness

1. Undeniable
2. Desire for Continued Learning
3. Attention to Detail



Signature