

BIO DATA



Name : Mr.R.Arun Kumar
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1. EDUCATIONAL QUALIFICATION:

Degree	Branch / Specialization	Institute/University	Year of Passing
Ph.D.	Solar Desalination	Anna University, Chennai	Pursuing
M.E.	Energy Engineering	National Engineering College, Kovilpatti	2015
B.E.	Mechanical Engineering	KGiSL Institute of Technology, Coimbatore	2012

2. PROFESSIONAL / INDUSTRY EXPERIENCE:

Sl. No.	Designation	Institution/ Organization	Period	
			From	To
1.	Assistant Professor (Senior Grade)	Ramco Institute of Technology, Rajapalayam	01.01.2023	Till date
2.	Assistant Professor	Ramco Institute of Technology, Rajapalayam	06.06.2016	31.12.2022
3.	Assistant Professor	Francis Xavier Engineering College, Tirunelveli	08.06.2015	14.05.2016
4.	Team Leader	TT Assembly India Private Limited, Oragadam	01.02.2012	30.04.2013

3. RESEARCH INTEREST:

- Solar Desalination
- Solar Thermal Applications
- Flash Distillation

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4. PUBLICATIONS:

4.1. Journal Publications:

1. **Arun Kumar Rajasekaran**, Kalidasa Murugavel Kulandaivelu, 'Performance comparison of solar still with inbuilt condenser and agitator over conventional solar still with energy and exergy', Environmental Science and Pollution Research 29, 83378 – 83388 (2022) <https://doi.org/10.1007/s11356-022-21466-6>
2. **R Arun Kumar**, K Vigneshwaran, V Sivakumar, 'Energy and Exergy Analysis of an Inbuilt Condenser Single Basin Single slope solar still with ZnO Nano particle coating', Journal of Green Engineering, Volume – 10, Issue – 7, July 2020.
3. Ashok Babu.B, Balakumaresan.S, Chandra Mohan.P, Mani Prabhu.R, **Arun Kumar.R**, 'Comparative Study of Conventional and Modified Solar Still with Inbuilt Condenser and Agitation Effect', SSRG International Journal of Mechanical Engineering, Special Issue ICRTETM (26 – 33), March 2019
4. **R.Arun Kumar**, G.Esakkimuthu, K.Kalidasa Murugavel, 'Performance Enhancement of a Single Basin Single Slope Solar Still using Agitation Effect and External Condenser', Desalination 399(2016) 198 – 202, Elsevier, (07.09.2016)
5. **Arun Kumar R**, Sankara Narayana Murthy A, Siva Subramanian S, Ramesh Kumar M, 'Performance Study of a Single Basin Single Slope Solar Still Using Agitation Effect', International Journal of Science Technology and Engineering, Vol.2, Issue 6, December 2015, (ISSN: 2349-784X)

4.2. Conference Publications:

1. R.Arun Kumar, V.Sivakumar, N.Veereswaran, R.Vishnu Sankar, 'Progress in Improving the Productivity of Solar Still – A Review', International Conference on Smart Technologies and Applications, Ramco Institute of Technology, 11th & 12th March, 2022 (ISBN No.: 978-93-5593-352-2)
2. V.Sivakumar, R.Arun Kumar, R.Palani Bharathi, M.Selva Balaji, J.Jabinth, S.Rajakarunakaran, 'Energy and Exergy Analysis of Single Slope Passive Solar Still with Atomizer', International Conference on Smart Technologies and Applications, Ramco Institute of Technology, 11th & 12th March, 2022 (ISBN No.: 978-93-5593-352-2)
3. M Rajagopal, A Santhana Kumar, M Saravanakumar, S Srijith, **R Arun Kumar**, 'Experimental Study on Spray Flash Distillation', International Web Conference on Smart Engineering Technologies, Ramco Institute of Tech, 26th & 27th June, 2020.
4. V.Sivakumar, **R.Arun Kumar**, A.Kabeel, E.Ganapathy Sundaram, D.R.Rajendran, A.Muthumanohar, R.Sathyamurthy, S.Rajakarunakaran, 'Performance Enhancement of Single Slope Passive Solar Still With Heat Pipes', 22nd International Water Technology Conference, Ismailia, Egypt.
5. Jabinth.J, **R.Arun Kumar**, S.Rajakarunakaran, 'Application of Outcome Educational for Continual Quality Improvement – Case Study of Principles of Management', International Conference on Recent Trends in Engineering Education (ICRTEE 21K8), National Institute of Technical Teachers Training and Research (NITTTR) & P.S.R Engineering College, Sivakasi.

6. Ashok Babu B, Balakumaresan S, Chandra Mohan P, Mani Prabhu R, **Arun Kumar.R**, 'Comparative Study of Conventional and Modified Solar Still with Inbuilt Condenser & Agitation Effect', Conference Division, 7th Sense Research Group 2019.
7. M.Vigneshwar, S.R.Siva Sankari, L.Siva Rama Krishnan, **R.Arun Kumar**, "Performance study of single basin solar still by using ZnO Nanoparticle" VIII International Conference on Engineering and Advancement in Technology - 2018, Sri Krishna College of Technology, Coimbatore.
8. B Binu Sam, D Dharmaraj, M Karthick, M Madhan Kumar and **R.Arun Kumar**, "Energy Auditing on Compressor Systems in Cement Industry for Energy Conservation" National Conference on VLSI, Optical Communication, Image Processing, Communication and Embedded Systems, Kalasalingam University, Anand Nagar, Krishnankoil, Tamil Nadu.
9. M.R.Vishnusankar, K.Sangilidasan, T.Marimuthu, **R.Arun Kumar**, M.Ashokkumar, 'Performance Improvement of Single Basin Single Slope Solar Still By Enhancing the rate of Condensation', 3rd National Conference on Recent Advancements in Mechanical Engineering, 30th March 2017, Kamaraj College of Engineering & Technology, Virudhunagar.
10. R.Ebanesther, R.Vineeth Kumar, D.Ganapathi Subramaniam, **R.Arun Kumar**, 'Design, Fabrication and Experimentation of Solar Dryer for Drying Ginger', 3rd National Conference on Recent Advancements in Mechanical Engineering, 30th March 2017, Kamaraj College of Engineering & Technology, Virudhunagar.
11. A.Divagarpandian, K.Gopalakrishnan, S.Mutharasan, **R.Arun Kumar**, 'Performance Enhancement of Single Basin Single Slope Solar Still by Improving the Evaporation Rate', 3rd National Conference on Recent Advancements in Mechanical Engineering, 30th March 2017, Kamaraj College of Engineering & Technology, Virudhunagar.
12. R.Ebanesther, R.Vineeth Kumar, D.Ganapathi Subramaniam, **R.Arun Kumar**, 'Mixed Mode Solar Dryer for Drying Ginger' National Conference on Innovations in Engineering, Science and Technology, 24th & 25th March 2017, Ramco Institute of Technology, Rajapalayam.
13. M.R.Vishnusankar, K.Sangilidasan, T.Marimuthu, **R.Arun Kumar**, M.Ashokkumar, 'Performance Enhancement of Solar Still with In-built Condenser', National Conference on Innovations in Engineering, Science and Technology, 24th & 25th March 2017, Ramco Institute of Technology, Rajapalayam.
14. **R.Arun Kumar**, G.Esakkimuthu, 'Performance Study of a Single Basin Single Slope Solar Still Using Agitation Effect', Conference on Energy Conversion and Conservation, 27th March 2015, Indian Institute of Metals & CARE Group of Institutions, Trichy

4.3. Book/Book chapter publications:

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5. FUND RECEIVED:

Sl. No.	Title of the project / event	Funding Agency	Duration	Amount(₹)	Status
PROJECTS					
1.	Design and Development of Dehydrating device for continuous processing of herbal leaves (Co-PI)	DST	3 years (2018 – 2021)	15,75,010/-	Completed
2.	Improving Productivity of Solar Still using Agitator and external condensing fans	RIT Research Council	6 months (2018 – 2019)	14,160/-	Completed
PROGRAMS					
1.	One day Entrepreneurship Awareness programme for outgoing students	Entrepreneurship Development and Innovation Institute, Govt. of Tamil Nadu	1 day	10,000/-	Completed
2.	Promotional Activities of Entrepreneurship	Entrepreneurship Development and Innovation Institute, Govt. of Tamil Nadu	5 days	10,000/-	Completed
3.	Three-day Entrepreneurship Awareness Camp	DST NIMAT Scheme	3 days	20,000/-	Completed

6. Ph.D. GUIDANCE:

Sl. No.	Scholar name	University	Topic	Status
-- NA --				

7. SHORT TERM COURSES / SEMINARS / FDP / WORKSHOP / CONFERENCE ATTENDED:

Sl. No.	Title of the event	Organized by	Date	
			From	To
1.	Two day National Level Skill development e-Workshop on “Critical Pedagogy and Higher Education Curriculum	ACT Academy, Tamil Nadu & The American College, Madurai	17.02.2023	18.02.2023
2.	Two day National level Online Workshop on Role of NAAC in Enhancing Quality in Higher Educational Institutions	RIT- Internal Quality Assurance Cell	16.12.2022	17.12.2022
3.	Two week Faculty Development Program on “Entrepreneurship and Start-ups”	Entrepreneurship Development Institute of India, Ahmedabad & Centre for Entrepreneurship Development, Anna University, Chennai	28.02.2022	12.03.2022

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Sl. No.	Title of the event	Organized by	Date	
			From	To
4.	Five-day online FDP on the theme Inculcating Universal Human Values in Technical Education	All India Council for Technical Education	14.03.2022	18.03.2022
5.	Short Term Training Programme on 'Avenues for Energy Conservation in Residential Buildings	Institute for Energy Studies, Department of Mechanical Engineering, CEG Campus, Anna University	24.01.2022	31.01.2022
6.	Workshop on Examination Reforms	All India Council for Technical Education	27.12.2021	29.12.2021
7.	SAMBHAV – e-National Level Awareness Programme	Ministry of Micro, Small and Medium Enterprises, Government of India	Oct'2021	-
8.	Online Training Programme on Free Software for Collaborative Learning	National Institute of Technical Teachers Training and Research, Chennai	04.10.2021	08.10.2021
9.	ATAL FDP on Enabling Entrepreneurship and Start-Up Mind-set	Sri Guru Gobind Singhji Institute of Engineering & Tech, Naned	16.08.2021	20.08.2021
10.	Start and Improve Your Business – ToT	SIYB of International Labour Organization in association with EDII, TN	12.07.2021	21.07.2021
11.	ATAL FDP on Management of Intellectual Property and Innovation (Creation, Protection and Leveraging of IP)	National Institute of Industrial Engineering, Mumbai	05.07.2021	09.07.2021
12.	Webinar on Intellectual Property Rights	Ramco Institute of Technology, Rajapalayam	04.12.2020	-
13.	ATAL Online FDP on Energy Engineering	Gandhi Institute for Education and Technology, Baniatangi	09.11.2020	13.11.2020
14.	ATAL Online FDP on Postharvest and Food Processing	National Institute of Food Technology Entrepreneurship & Management	02.11.2020	06.11.2020
15.	Short Term Training Programme on Hands on Training Virtual Laboratory	Ramco Institute of Technology, Rajapalayam	07.08.2020	-
16.	Webinar on Publishing Ethics	Taylor & Francis	05.08.2020	-
17.	Two Day FDP on IPR through Technology Transfer and IPR Eligibility, Documentation and Grants Status Application	IPR Cell, Jamal Mohamed College, Tiruchirapalli	18.07.2020	19.07.2020
18.	Workshop on How to Publish Books with Elsevier	Elsevier publications	01.07.2020	-
19.	Workshop on Intellectual Property Rights	IIC, Bharat Institute of Engineering & Technology, Telangana	30.06.2020	-
20.	Five-day webinar on Clean Water	ICCW, IIT Madras	29.06.2020	03.07.2020
21.	Workshop on Energy and Water Nexus	UK India Education and Research Initiative & IITKharagpur	24.06.2020	-

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Sl. No.	Title of the event	Organized by	Date	
			From	To
22.	Six-day FDP on Energy Management Systems	Department of EEE, RMD Engineering College, Chennai	08.06.2020	13.06.2020
23.	Two-day Webinar on Certificate Course on Patent Searching for Beginners	Operant Pharmacy Federation, Rajasthan & IP Moment, New Delhi	08.06.2020	09.06.2020
24.	One day FDP on NAAC Accreditation Assessment – Mastering Criteria 1 To 7	Nirmal Integrated Consultancy & International Association of Research Scholars	30.05.2020	-
25.	Five-day Webinar series on Patent Searching, Drafting and Filing	Turnip Innovations, Mumbai & Panimalar Institute of Technology, Chennai	29.05.2020	02.06.2020
26.	One day FDP on Intellectual Property Rights	Rajiv Gandhi National Institute of Intellectual Property Management, GoI and S.A. Jain (PG) College, Ambala, Haryana	19.05.2020	-
27.	Two-day online workshop on Patent Drafting and Processing with Importance of Trademark and Copyright	Journal of Advanced Engineering Research & Hexa-Cube, India	08.05.2020	09.05.2020
28.	Two-day FDP on Tips for Clearing Patent Agent Exam	Velammal Engineering College, Chennai	06.05.2020	07.05.2020
29.	Three-day FDP on Online College Management and Online content Creation tools	Lala Lajpat Rai College of Commerce & Economics and University of Mumbai & North Storm Academy, Mumbai	30.04.2020	02.05.2020
30.	Leadership Talk Series by MoE Innovation Cell	MoE's Innovation Cell, Government of India	28.04.2020	22.05.2020
31.	Seven-day webinar series on Electric Solar Vehicle Project	AENIS Efficycle 2020 & Rajarambapu Institute of Technology, Mumbai	22.04.2020	29.04.2020
32.	Webinar series on Electric Solar Vehicle Project	Imperial Society for Innovative Engineers	17.04.2020	19.04.2020
33.	Workshop on Team Building	ICT Academy and Ramco Institute of Technology	18.11.2019	20.11.2019
34.	Workshop on Patent Drafting	NewGen IEDC, Velammal Engineering College, Chennai	29.04.2019	30.04.2019
35.	IUCEE International Engineering Educator's Program – Phase I	IUCEE & Thiagarajar College of Engineering, Madurai	01.04.2019	03.04.2019
36.	Faculty Development Programme on Entrepreneurship, Innovation and Incubation	Technology Business Incubator, VIT Universtiy, Vellore	26.11.2018	08.12.2018
37.	Three Day Workshop on Recent Advancement in Solar Energy Conversion and Storage	Mepco Schlenk Engineering College, Sivakasi	12.11.2018	14.11.2018

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Sl. No.	Title of the event	Organized by	Date	
			From	To
38.	AICTE sponsored Two-week Faculty Development Programme on Human Values and Professional Ethics	Ramco Institute of Technology, Rajapalayam	30.10.2017	12.11.2017
39.	Faculty Development Programme on A Hands-on Training: Engineering Simulation using ABAQUS®	EDS Technologies and Ramco Institute of Technology	15.06.2017	17.06.2017
40.	International Seminar on Managerial Leadership –Making Difference	Anna University Regional Campus, Madurai	07.01.2017	-
41.	One day Workshop on Effective Ideas for Quality Research with Case Studies in Solar Energy	Sri Vidya College of Engineering & Technology	16.12.2016	-
42.	Value Added Course on MATLAB for Mechanical Engineering	Enthu Technology Solutions India Pvt. Ltd. and Ramco Institute of Technology	05.12.2016 12.12.2016	15.12.2016
43.	Entrepreneurship Orientation Programme	Entrepreneurship Development Institute of India (EDII)	16.07.2016	17.07.2016
44.	Solar Photovoltaic & Thermal Energy: State of Art Technology for Rural Development	National Engineering College, Kovilpatti sponsored by MNRE, GoI	11.03.2016	-
45.	Workshop on Oil Conservation	Petroleum Conservation Research Association (PCRA) & Francis Xavier Engineering College, Tirunelveli	27.02.2016	-
46.	Faculty Training Programme on LATEX	Francis Xavier Engineering College, Tirunelveli	12.01.2016	-
47.	State level seminar on Advances in Solar Thermal Energy Systems	Francis Xavier Engineering College, Tirunelveli sponsored by MNRE, GoI	31.07.2015	-

8. SHORT TERM COURSES / SEMINARS / FDP / WORKSHOP / CONFERENCE ORGANIZED:

Sl. No.	Title of the event	Organized by	Date	
			From	To
1.	Two Day International Conference on Contemporary Research Advancements In Mechanical Engineering – 2023 (Coordinator)	Department of Mechanical Engineering	24.03.2023	25.03.2023
2.	Incubation Centre visit at NABARD – Madurai Agribusiness Incubation Forum, Agriculture University, Madurai	RIT Institution's Innovation Council	24.01.2023	-
3.	Two day MSME Idea Hackathon 2.0	RIT Institution's Innovation Council	06.12.2022	07.12.2022

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Sl. No.	Title of the event	Organized by	Date	
			From	To
4.	Incubation Centre visit at Maxelerator foundation	RIT Institution's Innovation Council	25.06.2022	-
5.	World Intellectual Property Day Celebration	RIT Institution's Innovation Council	26.04.2022	-
6.	Finance Planning for Start-up Businesses	RIT Institution's Innovation Council	09.04.2022	-
7.	Two day MSME Idea Hackathon 2022	RIT Institution's Innovation Council	06.04.2022	07.04.2022
8.	Workshop on Design Thinking, Critical Thinking and Innovation Design	RIT Institution's Innovation Council	15.12.2021	-
9.	My Story – Motivational Session by an Entrepreneur – Opportunities in Solar Field	Solar Energy Laboratory in association with RIT Institution's Innovation Council	12.12.2021	-
10.	Tamil Nadu Student Innovator Challenge Awareness Program	RIT Institution's Innovation Council	09.12.2021	-
11.	National Level Awareness Program on Entrepreneurship (NLAP)	RIT Institution's Innovation Council	26.11.2021	-
12.	Webinar on E-Mobility and Entrepreneurship	RIT Institution's Innovation Council	22.09.2021	-
13.	Online Quiz and Word Search Game for World IP Day	RIT Institution's Innovation Council	26.04.2021	09.04.2021
14.	Webinar on Green Gold	RIT Institution's Innovation Council	30.03.2021	-
15.	My Story – Motivational Session by Successful Entrepreneur	RIT Institution's Innovation Council	29.12.2020	-
16.	Kalam Programme on IP Literacy and Awareness	RIT Institution's Innovation Council	29.12.2020	-
17.	Webinar on Entrepreneurship as Career Opportunity	RIT Institution's Innovation Council	17.12.2020	-
18.	Orientation on ATAL Ranking of Institutions on Innovation Achievement	RIT Institution's Innovation Council	15.12.2020	-
19.	Dissemination of RIT-IEP to faculty members of RIT	RIT Institution's Innovation Council	29.11.2020	-
20.	Intellectual Property Rights Awareness	RIT Institution's Innovation Council	17.11.2020	-
21.	Orientation on NISP and TNSIP	RIT Institution's Innovation Council	02.11.2020	-
22.	Workshop on Patent Search and Drafting	RIT Institution's Innovation Council & RIT RC	24.10.2020	-
23.	Webinar on National Education Policy 2020	RIT Institution's Innovation Council	21.09.2020	-
24.	Webinar on Reflections on Globalization	RIT Institution's Innovation Council	01.06.2020	-
25.	Online quiz on IPR	RIT Institution's Innovation Council	21.05.2020	25.05.2020
26.	Three day Online webinar on Projects to Patent	RIT Institution's Innovation Council, RIT ISTE Faculty Chapter	10.05.2020	12.05.2020

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Sl. No.	Title of the event	Organized by	Date	
			From	To
27.	Three Day Entrepreneurship Awareness Camp funded by DST	RIT ED Cell & EDII Ahmedabad	07.10.2019	09.10.2019
28.	Entrepreneurship Awareness and Orientation Programme	RIT ED Cell	19.07.2019	-
29.	Workshop on smart phone service training	RIT ED Cell, Department of CSE & New Technology Mobile Service and Training	04.01.2019	05.01.2019
30.	Strategies for ENCON and Environmentprotection	RIT Mechanizo	07.08.2018	-
31.	Entrepreneurship Awareness Program	RIT ED Cell	11.07.2018	-
32.	IT Start – up Mania	RIT ED Cell	10.03.2018	-
33.	Lecture on Ramanathanin Vazhithadangal	RIT ED Cell	05.01.2018	-
34.	Workshop on Entrepreneurship Awareness Programme – II	RIT ED Cell	18.03.2017	-
35.	Workshop on Entrepreneurship Awareness Programme – I	RIT ED Cell	11.03.2017	-
36.	Workshop on Intellectual Property Rights Awareness	RIT ED Cell	28.01.2017	-

9. ONLINE COURSES:

Sl. No.	Course Title	University	Date
1.	Introduction on Intellectual Property to Engineers and Technologists	NPTEL (IIT Kharagpur)	Apr' 2023
2.	Teaching and Learning in Engineering (TALE)	NPTEL (IISc Bangalore)	Mar' 2023
3.	Introduction to Professional Scientific Communication	NPTEL (IIT Kanpur)	Mar' 2023
4.	Entrepreneurship	NPTEL (IIT Madras)	Oct' 2022
5.	Ethics in Engineering Practices	NPTEL (IIT Madras)	Oct' 2022
6.	Managing Intellectual Property in Universities	NPTEL (IIT Madras)	Aug' 2022
7.	Effective Engineering Teaching in Practice	NPTEL (IIT Madras)	Feb' 2022
8.	Innovation by Design	NPTEL (IIT Bombay)	Mar'2022
9.	Outcome Based Pedagogic Principles for Effective Teaching	NPTEL (IIT Kharagpur)	Mar'2022
10.	Differential equations 2×2 systems	Massachusetts Institute of Technology	24.11.21

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Sl. No.	Course Title	University	Date
11.	Patent Search for Engineers and Lawyers	NPTEL (IIT Madras)	Oct' 2021
12.	Introduction to MAT lab	Vanderbilt University	Oct' 2021
13.	Roadmap for Patent Creation	NPTEL (IIT Madras)	Mar' 2021
14.	Patent Drafting for Beginners	NPTEL (IIT Madras)	Feb' 2021
15.	Patent Law for Engineers & Scientists	NPTEL (IIT Madras)	Dec' 2020
16.	Introduction to Research	NPTEL (IIT Madras)	Dec' 2020
17.	Introduction to Patent Cooperation Treaty	World Intellectual Property Organization	31.07.2020
18.	International IPR Treaties & Conventions	IP Moment & Operant Pharmacy Federation	29.07.2020
19.	Intellectual Property Rights: A Management Perspective	Indian Institute of Management – Bangalore	11.07.2020
20.	DL-101 General Course on Intellectual Property	World Intellectual Property Organization	06.07.2020
21.	Vector Calculus for Engineers	The Hong Kong University of Science and Technology	01.07.2020
22.	Wind Energy	Technical University of Denmark, Denmark	30.06.2020
23.	Learn to Design your own Solar system	Energy Swaraj Foundation	22.06.2020
24.	Patent Searching for Beginners	IP Moment, New Delhi	09.06.2020
25.	Hands on Training on Solar Lamp Study Lamp Assembly	IIT Bombay	21.11.2019
26.	Urban Sewage Treatment	Delft University	08.10.2018
27.	Calculus 1B: Integration	Massachusetts Institute of Technology	09.03.2018
28.	A Hands-on Introduction to Engineering Simulations	Cornell University	13.12.2017
29.	Calculus 1A: Differentiation	Massachusetts Institute of Technology	15.09.2017
30.	Energy 101: The Big Picture	Georgia Institute of Technology	27.08.2016
31.	Introduction to Thermodynamics: Transferring Energy from Here to There	University of Michigan	03.09.2016

10. PATENTS FILED / AWARDED:

Sl. No.	Title of the Invention	Application Number	Date of filing	Status	Date of Publication
1.	Pomegranate Peeling Machine	202041050506	20.11.2020	Responded to FER	04.12.2020
2.	Oil Spill Segregating Rover	201941040308	09.10.2019	Responded to FER	18.10.2019
3.	Solar Based Portable Water Purifier	201741027730	04.08.2017	Denied	10.08.2018

11. COPYRIGHTS REGISTERED:

Sl. No.	Title of the Work	Diary No. / Reg. No.	Date of Submission	Status
1.	Innovative Teaching Methods and its Impact on OBE	L-115638/2022	22.09.2021	Registered (Granted)
2.	IC Engines Part I	L-116169/2022	19.04.2021	Registered (Granted)
3.	Introduction to IPR	L-97854/2020	09.07.2020	Registered (Granted)
4.	Energy Conservation	L-97651/2020	21.05.2020	Registered (Granted)

12. DESIGN REGISTRATION AWARDED:

Sl. No.	Title of the Work	Reg. No.	Date of Submission	Status
1.	Dryer Machine for Onion	352118-001	27.10.2021	Granted

13. INDUSTRIAL TRAINING DETAILS:

Sl. No.	Name of the Company	Date	
		From	To
1.	Virtual Industry Visit at M/s SUMEDHAS, Chennai	18.02.2022	-
2.	Virtual training at M/s Ashok Leyland Limited, Chennai	25.10.2021	27.10.2021
3.	Online Industrial Training at Brakes India Private Limited, Chennai	17.02.2021	22.02.2021
4.	Virtual Industrial Visit to L&T Hydro Carbon Division	16.09.2020	-
5.	The Kerala Minerals and Metals Ltd., Kollam, Kerala	16.04.2019	17.04.2019
6.	TVS Training & Services, Chennai	25.06.2018	29.06.2018
7.	Rajapalayam Mills Limited, Rajapalayam	12.06.2018	14.06.2018

14. PROGRAMME IN WHICH ACTED AS RESOURCE PERSON:

Sl. No.	Title of the Programme	Title of the Topic Delivered	Date(s)	Organization	Level (International /National)
External Programme					
1.	Online Workshop on Intellectual Property Rights	Basics of IPR, patent search, drafting and filing procedure	30.03.23 to 31.03.23	University College of Engineering – BIT campus, Trichy and EDII, Govt. of Tamil Nadu	State
2.	Online Workshop on Intellectual Property Rights	Basics of IPR, patent search, drafting and filing procedure	20.03.23 to 21.03.23	Annai Teresa Women's University, Kodaikanal and EDII, Govt. of Tamil Nadu	State
3.	Online Workshop on Intellectual Property Rights	Basics of IPR, patent search, drafting and filing procedure	16.03.23 to 17.03.23	Alagappa University, Karaikudi and EDII, Govt. of Tamil Nadu	State
4.	Tamil Nadu Student Innovator Challenge 2022 – Boot Camp	Basics of IPR, patent search, drafting and filing procedure	06.03.23	Madurai Kamaraj University, Madurai and EDII, Govt. of Tamil Nadu	State
5.	Tamil Nadu Student Innovator Challenge 2022 – Boot Camp	Basics of IPR, patent search, drafting and filing procedure	05.03.23	Anna University Regional Campus, Tirunelveli and EDII, Govt. of Tamil Nadu	State
6.	Webinar on IPR – Introduction to Intellectual Property - Patent and Copyright	Basics of IPR and its types	19.01.23	K.S.R College of Arts and Science for Women, Tiruchengode	Institution
7.	Guest Lecture on Fundamentals of IPR and its Registration Process	IPR and its Registration Process	26.12.22	Mannar Thirumalainicker College (Autonomous), Madurai	Institution
8.	Faculty Development Program on an Overview on Indian Knowledge System and Intellectual Property Rights	An Overview on Intellectual Property Rights	19.12.22 to 20.12.22	IQAC, Sri Saradha College for Women (Autonomous), Salem	National

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Sl. No.	Title of the Programme	Title of the Topic Delivered	Date(s)	Organization	Level (International /National)
9.	Webinar on IPR Awareness	Introduction to IPR and its types	10.11.22	Chandigarh University	University
10.	Two Day Workshop on Design Thinking	Design Thinking and IPR	03.11.22 to 04.11.22	Madurai Kamaraj University, Madurai and EDII, Govt. of Tamil Nadu	State
11.	Two Day Workshop on Design Thinking	Design Thinking and IPR	01.11.22 to 02.11.22	Alagappa University, Karaikudi and EDII, Govt. of Tamil Nadu	State
12.	Three Days FDP on Entrepreneurship Development	Entrepreneurship, Design Thinking, Incubation and IPR	26.09.22 to 28.09.22	Annai Teresa Women's University, Kodaikanal and EDII, Govt. of Tamil Nadu	State
13..	One Day Virtual Workshop on IPR – Awareness Program	Introduction to IPR and its types	30.08.22	RVS College of Engineering and Technology, Coimbatore	Institution
14.	Webinar on IPR Protection in Innovation and Entrepreneurship	IPR Protection in Innovation and Entrepreneurship	25.08.22	G.T.N Arts College (Autonomous), Dindigul	Institution
15.	Institution's Innovation Council Regional Meet, SRO at Dindigul	Experience sharing as an Innovation Ambassador	08.08.22	Ministry of Education's Innovation Cell (MIC). Govt. of India	National
16.	Workshop on Intellectual Property Rights & IP Management for Start-ups	IPR and IP Management for Start-ups	02.08.22	Rajapalayam Raju's College, Rajapalayam	Institution
17.	Intellectual Property Rights and IP Management for Start-up	IPR types and IP rights for Start-up	20.05.22	Sri Kaliswari Institute of Management and Technology, Sivakasi	Institution
18.	Workshop on Intellectual Property Rights and IP Management for Start-up	IPR types and IP rights for Start-up	10.05.22	Vivekananda College, Madurai	Institution

Sl. No.	Title of the Programme	Title of the Topic Delivered	Date(s)	Organization	Level (International /National)
19.	Webinar on Emerging Trends in Entrepreneurship and IPR	Emerging Trends in Entrepreneurship and IPR	28.04.22	SCAD College of Engineering and Technology, Tirunelveli	Institution
20.	World Intellectual Property Day Celebration	IP Rights and its role in Academia	26.04.22	PAC Ramasamy Raja Polytechnic College, Rajapalayam	Institution
21.	One day Workshop on Intellectual Property Rights	Introduction to IPR	25.03.22	Sri Parasakthi College for Women, Coutrallam	Institution
22.	Workshop on Intellectual Property Rights	Intellectual Property Rights	24.03.22	Mannar Thirumalainaick ar College, Madurai	Institution
23.	EDII sponsored Workshop on "Intelligence in Intellectual Property Rights"	Intelligence in Intellectual Property Rights (Patent, Trade Mark, Copyright)	18.03.22	Mangayarkarasi College of Arts and Science for Women, Madurai	Institution
24.	Webinar on Entrepreneurship and Innovation as Career Opportunity	Entrepreneurship and Innovation as Career Opportunity	01.12.21	Francis Xavier Engineering College, Tirunelveli	Institution
25.	Impact Lecture Series	Intellectual Property and its Impact on society	27.09.21	IIC of Vivekananda College for Women, Tiruchengode	Institute
26.	FDP on Significance of IPR in Current Era	IP Rights and its impact on Society	21.09.21 to 23.09.21	Ayya Nadar Janaki Ammal College, Sivakasi	State
27.	Online Lecture on Intellectual Property Rights	Intellectual Property Rights	24.08.21	Kaliswari Institute of Management and Technology	Institute
28.	Online Awareness Programme on Entrepreneurship	Entrepreneurship as Career Opportunity	13.08.21	Seethalakshmi Achi College for Women, Sivagangai	Institute
29.	Webinar on Valam Pera Valam Kaapom: Save Today, Survive Tomorrow	Importance of Nature Conservation	28.07.21	Tamizhan Siragugal and Maatrathai Vidhaipom NGOs	State

Sl. No.	Title of the Programme	Title of the Topic Delivered	Date(s)	Organization	Level (International /National)
30.	Two days Webinar on Sensitization Programme on Patent Filing	IPR and its types Patent filing procedure, patent drafting	11.06.21 & 12.06.21	Ayya Nadar Janki Ammal College, Sivakasi	Institution
31.	Orientation Session on IPR by Innovation Ambassador	IPR & its types	02.06.21	PACR Raja Polytechnic College, Rajapalayam	Institution
32.	Modern Pedagogical Tools for Z-Gen Students	Modern Pedagogical Tools for Z-Gen Students	26.05.21 & 27.05.21	Ramco Institute of Technology & Ramco Chinmaya Vidyalaya Schools, Rajapalayam	Institution
33.	Modern Pedagogical Tools for Z-Gen Students	Modern Pedagogical Tools for Z-Gen Students	17.05.21 & 18.05.21	RIT & Vidhyaa Giri Group of Educational Institutions, Karaikudi	Institution
34.	Training on IIC activities	IIC activities and functioning explanation	12.04.21	RIT IIC	Inter College
35.	IPR with Special focus on Patent Rights	IPR with Special focus on Patent Rights	01.04.21	Sri Parasakthi College for Women, Coutrallam	Institution
36.	DST sponsored Women Entrepreneurship Development Programme	IPR and its types	23.01.21	Mannar Thirumalainaikar College of Arts & Science, Madurai	National
37.	IPR Management and Patent Drafting	IPR Management and Patent Drafting	22.01.21	Vivekananda College, Madurai	National
38.	Six days AICTE sponsored Online STTP on "Outcome Based Curriculum, Mapping and Measurement"	Measuring Attainment of CO's & PO's in OBE with Case Studies	09.01.21	Sri Krishna College of Engineering & Technology, Coimbatore	National
39.	Webinar on How to Identify the patentable ideas from project works	Webinar on How to Identify the patentable ideas from project works	31.12.21	Thamirabharani Engineering College	National

Sl. No.	Title of the Programme	Title of the Topic Delivered	Date(s)	Organization	Level (International /National)
40.	Six days AICTE sponsored Online STTP on "Outcome Based Curriculum, Mapping and Measurement"	Measuring Attainment of CO's & PO's in OBE with Case Studies	05.12.20	Sri Krishna College of Engineering & Technology, Coimbatore	National
41.	IPR – Impact Lecture Series Session – II	Role of IPR in Start-ups with scheme and case studies	03.07.20	Sri Saradha College for Women	National
Internal Programme					
1.	Student Induction Program	Session on Problem Solving and Ideation	09.11.22	RIT-IIC	Institute
2.	Student Induction Program	Awareness on Entrepreneurship Development, IPR and Incubation Support	31.10.22	RIT-IIC	Institute
3.	A colloquy on IP and Its Impact on Society	IP and its types	04.12.21	RIT-IIC	Institute
4.	Research Trends in Solar Thermal Applications: Lab Visit	Energy Conservation and opportunities in Solar field	22.10.21	RIT-Mechanizo, RIT ISTE, Solar Energy Laboratory	Institute
5.	One day Research Webinar on drafting impactful Research Articles, Project Proposals and Patents	IP and its types	04.09.21	Departments of Physics and Chemistry, RIT, RIT-IQAC & RIT-IIC	National
6.	Orientation on ARIIA	ARIIA ranking procedure	15.12.20	RIT	Institute
7.	Patent Drafting – Do's & Don'ts	Patent Drafting – Do's & Don'ts	01.12.20	RIT	Institute
8.	Dissemination of RIT-IEP to Faculty Members	Dissemination of RIT-IEP to Faculty Members	29.11.20	RIT	Institute
9.	Awareness on IPR to Newly joined faculty members	IPR types and activities in RIT	17.11.20	RIT	Institute
10.	Faculty Orientation on Patent Searching & Drafting	Patent Drafting	24.10.20	RIT	Institute

Sl. No.	Title of the Programme	Title of the Topic Delivered	Date(s)	Organization	Level (International /National)
11.	Webinar on Awareness on ENCON –Save Today & Survive tomorrow	Awareness on Energy Conservation	27.09.20	RIT	Institute
12.	Entrepreneurship Awareness and Orientation Programme	Entrepreneurship Awareness and Orientation Programme	19.07.19	RIT	Institute
13.	Three days Entrepreneurship Awareness Camp	Creativity, Communication & Problem Solving	07.10.19 to 09.10.19	DST	Institute

15. MEMBERSHIP IN PROFESSIONAL SOCIETIES:

Sl. No.	Name of the Professional Body	Type of Membership	Membership ID
1.	The Institution of Engineers (India)	Associate Member	AM 155378-2
2.	The Indian Society for Technical Education	Life Member	LM 114769
3.	Imperial Society of Innovative Engineers India	Technical Committee Member	ISIE/TECH026

16. RESPONSIBILITIES HELD:

Sl. No.	Responsibilities held	Portfolio	Date	
			From	To
Institution Level				
1.	Coordinator	RIT – Entrepreneurship Development Cell	July 2022	Till date
2.	Coordinator	RIT – Intellectual Property Rights Cell	July 2022	Till date
3.	In-charge	MSME Incubation Centre at Ramco Institute of Technology (MSME Innovation Scheme)	June 2022	Till date
4.	Coordinator	AICTE Kaushal Augmentation and Restructuring Mission of AICTE (KARMA)	October 2021	Till date
5.	Coordinator	ATAL Ranking of Institution on Innovation Achievements (ARIIA)	December 2020	Till date
6.	Coordinator	Tamil Nadu Skill Development Corporation Skill Programme	December 2020	Till date
7.	Member	RIT Innovation & entrepreneurship Policy Implementation and Monitoring Committee	October 2020	Till date

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Sl. No.	Responsibilities held	Portfolio	Date	
			From	To
8.	Member	Programme Assessment and Quality Improvement Committee Member – Civil Department	March 2020	Till date
9.	Convener	Institution's Innovation Council (IIC)	September 2019	Till date
Department Level				
1.	Coordinator	Academic Activities	June 2021	Till date
2.	In-charge	NBA Criterion 2	April 2021	Till date
3.	In-charge	NAAC Criterion 1 & 2	April 2020	Till date
4.	In-charge	Department Review Meeting	April 2020	Till date
5.	In-charge	NBA Criterion 9	June 2019	May 2021
6.	Laboratory In-charge	Solar Energy Laboratory	February 2018	Till date
7.	Class Advisor & Mentor	2018 – 2022 batch Mechanical 'B' students	August 2018	July 2022
8.	Faculty In-charge	RIT Intellectual Property Rights Cell	September 2017	Till date
9.	Faculty In-charge	ESVC & SUVC	January 2017	Till date
10.	Faculty In-charge	RIT Entrepreneurship Development	September 2016	Till date

17. AWARDS, RECOGNITION & ACHIEVEMENTS:

- **Certified Patent Agent** – Patent Agent No.: IN/PA4439
- Awarded with '**NPTEL Domain Scholar**' for the Domain Patents and IPR
- **Recognized Master Trainer** by Entrepreneurship Development and Innovation Institute, Government of Tamil Nadu
- '**Acted as Evaluator**' for School Innovation Development Program organized by Entrepreneurship Development and Innovation Institute, Government of Tamil Nadu
- Acted as '**Primary Evaluator**' in Toycathon 2021 and evaluator in Smart India Hackathon 2022
- Recognized as '**NPTEL Motivated Learner**' during the semester Jan – Apr 2022
- National level ranked 1 in mock test of Intellectual Property Rights Talent Search Examination – An IP Olympiad organized by IPTSE Academy
- Certified **International Labor Organization's Trainer** for Start and Improve Your Business module.

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- Completed IUCEE International Engineering Educator Certification Programme Spring 2020 with **distinction**.
- One among two faculty coordinators of team RIT Phoenix, which have designed, fabricated a solar vehicle and won **Team Spirit Award** in Saur Urja Vehicle Championship 2020 organized by Refrangible Society for Technophile Engineers.
- One among two faculty coordinators of team RIT Phoenix, which have designed, fabricated a solar vehicle and won **Best cross pad award and ISIE Future Award** in ESVC'18, Asia's biggest solar vehicle championship organized by Imperial Society for Innovative Engineers.
- One among two faculty coordinators of team RIT Phoenix, which have won **Overall runner up and Best cross pad award** in ESVC'17, Asia's biggest solar vehicle championship organized by Imperial Society for Innovative Engineers.
- One among two faculty coordinators of team RIT Phoenix, which have designed, fabricated a solar vehicle and won **Virtual Winner Award** and Team Spirit Award in **SUVC'19**, organized by Refrangible Society for Technophile Engineers.
- Established Solar Energy Laboratory by encouraging and guiding students to do Solar based projects
- Guided a student project under title 'Increasing the production rate of solar still for sea water using Nano-material', which won '**First Prize in ICT Academy Student Innovator Award 2017**'