



Sri Ramakrishna Institute of Technology

(An Autonomous Institution)

(Accredited by NAAC with "A" Grade)

Pachapalayam, Perur Chettipalayam, Coimbatore – 641 010

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Faculty Profile

Ms. S. Dhivya, B.E., M.E.

Assistant Professor,

Electronics and Communication Engineering



Date of birth	:	20.07.1992	Gender	:	Female
Nationality	:	Indian	Marital status	:	Married
Address for correspondence	:	Same as Permanent Address	Permanent address	:	SF10, Sri Suryodhaya Apartments, Sriram Nagar, Chokkampudhur, Coimbatore-641039.
Mobile no	:	9489259542	e-mail (official)	:	dhivya.ece@srit.org
Landline	:	-	e-mail (personal)	:	dhivyadkv@gmail.com
Date of joining	:	06.06.2023	Post of joining	:	Assistant Professor
No of promotions since D.O.J	:	Nil	Present post	:	Assistant Professor
Present pay scale	:	Rs.16,248	Gross pay	:	Rs.33,340
Employee ID	:	1440	Bank account No. (Salary credited)	:	034001000857373
P.F. No	:	TN/CBE/567640000010881	Group Insurance No	:	
PAN Number	:	FUSPS6233Q	Aadhar Number	:	387637197237
AICTE ID	:	1-7344718659	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. - ECE	2013	Hindusthan Institute of Technology	Anna University	I
PG	M.E. - Communication Systems	2015	Sri Ramakrishna Institute of Technology, Coimbatore	Anna University	I

Registration for Ph.D. with area of interest:

Ph.D. registered on January 2016 on the topic “Co-operative Spectrum Sensing for Cognitive wireless Communication systems” and provisionally registered on 20.02.2017.

Year of Ph.D. Registration: 2016

Academic Experience

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Sri Ramakrishna Institute of Technology	Assistant Professor	06.06.2019	-	4	5	18
Total				4	5	23

Industrial Experience

Nil

Courses Handled

Academic Year	Semester	Course Code	Course Name	Type of Course (T / L)	Pass Percentage
2022-2023	VIII	UECE117	Cognitive Radio	T	100%
2022-2023	V	20EEE02	Medical Instrumentation	T	96.15%
2022-2023	III	20EE006	Linear Integrated and Digital Circuits Laboratory	L	100%
2021-2022	VIII	UECE117	Cognitive Radio	T	100%
2021-2022	V	UCSG013	Principles of Microprocessors and	T	100%

			Microcontrollers		
2021-2022	III	20EC006	Digital Electronics Laboratory	L	100%
2020-2021	VI	UECC102	Optical Communication	T	100%
2020-2021	V	UECC011	Digital Signal processing	T	100%
2019-2020	VI	UECC102	Optical Communication	T	100%
2019-2020	III	UECC003	Digital Logic with HDL	T	50%

Projects Guided

Academic Year	Semester	Project Title	UG / PG
2022-2023	VIII	Stand-alone sensor for spectrum occupancy monitoring in cognitive radio networks	UG
2022-2023	VIII	Reliable and energy efficient cognitive radio communication	UG
2021-2022	IV	Video surveillance drone for image Recognition	PG
2021-2022	VII & VIII	Advanced automobile safety system using Li-Fi	UG
2021-2022	VII & VIII	Crop leaf disease detection using machine learning	UG
2021-2022	VII	ATM smart pin security system	UG
2020-2021	VII & VIII	IoT based smart greenhouse: remote monitoring and automatic control	UG
2020-2021	VII & VIII	Eye monitoring and vehicle control	UG
2019-2020	VIII	Enhanced self-defense device for women safety	UG

Publications

Publications	SCI / Scopus / Web of Sciences	Others
Journal	-	9
Conferences	1	-

Journal Publications

1. Dhivya S, Prarthana S, Swasthika G, Udayasri R, "Smart Sensor for Spectrum Occupancy Detection", International Journal of Scientific Research in Engineering and Management (IJSREM), Vol. 07, Issue 3, March 2023.
2. Dhivya S, Puja S, Suhasheni S, Priyadharshini G, "Reliable and Energy Efficient Cognitive Radio Communication", International Journal of Scientific Research in Engineering and Management (IJSREM), Vol. 07, Issue 3, March 2023.

3. Dhivya S, Puja S, Suhasheni S, Priyadharshini G, "Instrumentational Cluster for Real Time E-bike Monitoring System", International Journal of Research and Analytical Reviews (IJRAR), Vol.9, Issue 4, November 2022.
4. Dhivya S, Prarthana S, Swasthika G, Udayasri R, "Bidirectional Visitor Counter with Automatic Door Closing System", International Journal of Research and Analytical Reviews (IJRAR), Vol.9, Issue 4, November 2022.
5. S.Dhivya, S.Kutteeswaran, M.Anbalagan, R.G.Godwin, "Advanced Automobiles Safety System using Li-Fi", International Research Journal of Engineering and Technology(IRJET), Vol.9, Issue 5, May 2022.
6. S.Dhivya, V.P.Aruna Rajeswari, E.Charumathi, M.Devipriya, "Crop Leaf Detection using Machine Learning", International Journal of Advances in Engineering and Management(IJAEM), Vol. 4, Issue 5, May 2022.
7. S.Dhivya, M.Devipriya, V.P.Aruna Rajeswari, E.Charumathi, "ATM Smart PIN Security System", International Research Journal of Engineering and Technology(IRJET), Vol.8, Issue 12, Dec 2021.
8. N. Seenuvikaash, K.Pavish, R.T.S.Vimal, S.Dhivya, "IoT based Smart greenhouse Monitoring and Automatic control using PIC Microcontroller", International journal of All Research Education and Scientific Methods(IJARESM), Vol.9, Issue 3, March 2021.
9. Kanimozhi V, Nisha P, Mohanavalli J, Dhivya S, "Eye Monitoring and Vehicle Control", International Journal of Modernization of Engineering Technology and Science, Vol. 03, Issue. 03, March 2021.

Conference Publications (IEEE format)

1. G. D. Flora, S. R. Indurekaa, S. Dhivya, V. J. Mercy, S. Saranya and C. Ganesh, "Classification of Normal and Cancer Cells by Using Signal Processing Techniques-A Survey," 2022 International Conference on Computer, Power and Communications (ICCPC), Chennai, India, 2022, pp. 97-102, doi: 10.1109/ICCPC55978.2022.10072142

Books / Book Chapters (IEEE format)

Nil

Sponsored Research

Nil

Consultancy

Nil

Workshops / Seminars attended

1. Participated in a Webinar on “Applied AI and Machine Learning Use Cases for Enterprises” organized by department of EEE, Ramco Institute of Technology on 13th June 2020.
2. Participated in a webinar on “Blockchain with Industry Applications”, organized by SMK Fomra Institute of Technology on 29th and 30th May 2020.
3. Participated in a webinar on “Artificial Intelligence Techniques for Smart Grid Applications” organized by the department of ECE, KPR Institute of Engineering and Technology on 21st May 2020.
4. Attended the All-India Seminar on “Energy Efficient Techniques in 5G Wireless Communication Systems”, organized by the IE(I), Coimbatore local center in association with Department of ECE, KIT-Kalaignar Karunanidhi Institute of Technology, Coimbatore on 28th and 29th November, 2019.
5. Attended two-day workshop on “Nanoantennas for cancer detection” organized by Coimbatore Institute of Technology, Coimbatore on 27th and 28th June, 2019.

Faculty Development Program attended (from recent)

1. Attended FDP on Outcome based Education for Inductee Teachers organized by Sri Ramakrishna Institute of Technology, Coimbatore from 2nd to 6th January 2023.
2. Attended online FDP on “Recent trends in Machine learning techniques and its techniques and its applications using Python” organized by E&ICT Academy, NIT Warangal, IIITDM Kurnool and MLR Institute of Technology, Hyderabad during 25th July to 4th August, 2022.
3. Attended AICTE online FDP on “Inculcating Universal Human Values in Technical Education” during 16th to 20th August 2021.
4. Attended AICTE Training and Learning (ATAL) Online Elementary FDP on “Emerging Trends in Internet of Things”, Organized by Acropolis Institute of Technology and Research (AITR) from 7th to 11th June, 2021.
5. Attended AICTE Sponsored one week Short Term Training Programme on Ingraining Wisdom for Engineering the Education held at KIT-Kalaignar karunanidhi Institute of Technology, Coimbatore during 16th to 21st November 2020.
6. Attended an AICTE sponsored 6 days Online Short term training Program on “ Predictive Analysis and Machine Learning using R Programming and KNIME” conducted by Hindusthan College of Engineering and Technology, Coimbatore from 12th to 17th October 2020.
7. Attended AICTE Training and Learning (ATAL) Online FDP on “Blended Learning and Flipped Classroom”, Organized by VIT, Vellore from 14th to 18th September, 2020.

8. Attended AICTE Training and Learning (ATAL) Online FDP on “Blended and Flipped Approach in Teaching and Learning”, Organized by National Institute of Technical Teachers’ Training and Research, Chennai from 24th to 28th August, 2020.
9. Attended AICTE Sponsored six days online Short Term Training Programme (STTP) on “TABLEAU-Data Visualization Tool for Researchers”, organized by the department of Computer Science and Engineering, IFET College of Engineering from 27th July to 1st August 2020.
10. Attended AICTE Sponsored Short Term Training Programme on “Design, Fabrication and Testing of Antenna and Design Issues in Modern Antennas” organized by Department of ECE, Sri Ramakrishna Institute of Technology, Coimbatore from 4th to 9th November 2019.

Events Organized

Conference

- Served as an organizing committee member in AICTE Sponsored International E-Conference on “Global Summit on Engineering and Technology (GSET-2020)” during 5th and 6th November 2020.
- Served as an organizing committee member in National E-Conference on “Communication, Computation, Control and Automation” during July 17,2020.

FDP

- Organized five days FDP on “Disruptive Technologies in Electronics, Communication and Signal Processing” from 20th to 24th March, 2023.
- Organized AICTE Sponsored FDP titled “Research Challenges and Issues in Wireless Communication and Networks” Slot-2 during 08.02.2021 to 21.02.2021.

Workshops

- Organized a Workshop on “Factory Automation on Industry 4.0 revolution” in association with AGIIT, Coimbatore during 12th and 13th September 2019.

Seminars

- Organized a webinar on “Career Opportunities in IT” during 17th February 2023.
- Organized a webinar on “Data Warehousing Project Management” during 12th June 2020.
- Organized a webinar on “Recent Trends in Embedded Systems” during 10th June 2020.
- Organized a webinar on “Career opportunities for engineering students” during 8th June 2020.
- Organized 5-Day webinar series on “Design Thinking” during 27.05.2020 to 31.05.2020.

Online Courses Completed

Sl. No.	Title	Platform
1	Introduction to Google Docs	Coursera
2	Grammar and Punctuation	Coursera
3	Introduction to the Internet of Things and Embedded Systems	Coursera
4	Wireless Communication for Everybody	Coursera
5	LaTeX	Spoken Tutorial Project, IIT Bombay
6	Accreditation and Outcome based Learning	NPTEL
7	Digital Circuits	NPTEL
8	Module 1: Orientation towards Technical education and Curriculum aspects	AICTE-NITTT
9	Module 2: Professional Ethics and Sustainability	AICTE-NITTT
10	Module 3: Communication Skills, Modes and Knowledge Dissemination	AICTE-NITTT
11	Module 4: Instructional Planning and Delivery	AICTE-NITTT
12	Module 5: Technology enabled learning and Lifelong self-learning	AICTE-NITTT
13	Module 6: Student Assessment and Evaluation	AICTE-NITTT
14	Module 7: Creative Problem Solving, Innovation and Meaningful R&D	AICTE-NITTT
15	Module 8: Institutional Management and Administrative Procedures	AICTE-NITTT

Awards and Recognitions Secured

Nil

Self-appraisal

Major Strengths

- Ability to work as an individual as well as a team member
- Ability to complete task within the stipulated time
- Adaptability to work in a given environment

Major Weakness

- Establishing more responsibility towards completion of a given task

Signature