



# Sri Ramakrishna Institute of Technology

(An Autonomous Institution)

(Accredited by NAAC with "A" Grade)

Pachapalayam, Perur Chettipalayam, Coimbatore – 641 010

[www.srit.org](http://www.srit.org) :: Phone – 0422-2605577



## Faculty Profile

**Full name with Qualification, Designation and Department:**

**Ms.S.Arjuman Banu**

Assistant Professor(Sr.Gr)

Science and Humanities



<b>Date of birth</b>	:	10.04.1976	<b>Gender</b>	:	Female
<b>Nationality</b>	:	Indian	<b>Marital status</b>	:	Married
<b>Address for correspondence</b>	:	Sie No.7. First Phase Sri Ram Garden, Maharani Avenue Vadavalli, Coimbatore-641041	<b>Permanent address</b>	:	Sie No.7. First Phase Sri Ram Garden, Maharani Avenue Vadavalli, Coimbatore-641041
<b>Mobile no</b>	:	9894939767	<b>e-mail (official)</b>	:	arjumanbanu.sh@srit.org
<b>Landline</b>	:		<b>e-mail (personal)</b>	:	arjumanbanuafsheen22@gmail.com
<b>Date of joining</b>	:	13.10.2005	<b>Post of joining</b>	:	Lecturer
<b>No of promotions since D.O.J</b>	:	TWO	<b>Present post</b>	:	Assistant Professor (Sr.Gr)
<b>Present pay scale</b>	:	15,600-39100	<b>Gross pay</b>	:	Rs.47,871
<b>Employee ID</b>	:	TE065	<b>Bank account No. (Salary credited)</b>	:	5001011010539041
<b>P.F. No</b>	:	TN/CBE/56764/076	<b>Group Insurance No</b>	:	170100/48/13/42/00001717
<b>PAN Number</b>	:	AOWPA4251P	<b>Aadhar Number</b>	:	8730 2897 7708
<b>AICTE ID</b>	:	1-466421873	<b>AICTE Institution</b>	:	1-7841521

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#### Educational Qualification

Degree	Specialization	Year of Passing	Name of the College	Name of the University	Class Obtained
UG	Chemistry	1996	P.S.G.R.Krishnammal College For Women	Barathiar University	First
PG	Chemistry	1998	P.S.G.R.Krishnammal College For Women	Barathiar University	First
Ph.D					
Others(M.Phil)	Environmental Chemistry	2005	Bharathidasan University	Bharathidasan University	First

#### Registration for Ph.D. with area of interest:

Year of Ph.D. Registration: July 2019

Year of Ph.D. Completed: Yet to complete

Thesis Title: Development of Low Cost Nanoparticles, Cytotoxicity and Biological Applications

#### 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	lecturer	13.10.2004	31.7.2010			
Sri Ramakrishna Institute of Technology	Assistant professor	1.08.2010-	31.03.2011			
Sri Ramakrishna Institute of Technology	Assistant professor (Sr.gr)	1.4.2011-	Till date			
<b>Total</b>				18	7	11

**Industrial Experience**

Name of the Organisation	Designation	Nature of Work	Joining Date	Relieving Date	Experience		
					Years	Months	Days
Total							

**Courses Handled**

Academic Year	Semester	Course Code	Course Name	Type of Course (T / L)	Pass Percentage
2022-2023	II (CSE B,IT, MECH & EEE)	20AC001	Environmental Science and Engineering	T	CSE-B -100 IT-100 MECH-100 EEE-100
2022-2023	II (MECH & EEE)	20CHG02	Engineering Chemistry Laboratory	L	MECH-100 EEE-100
2022-2023	I (CSE B,IT, MECH & EEE)	20CHG01	Engineering Chemistry	T	CSE-B -92 IT-90 MECH-79 EEE-88
2022-2023	I (CSEB&IT )	20CHG02	Engineering Chemistry Laboratory	L	CSE-B -100 IT-100
2021-2022	II (CSE B& ECE)	20AC001	Environmental Science and Engineering	T	CSE-B -100 ECE -100
2021-2022	II ECE	20CHG02	Engineering Chemistry Laboratory	L	ECE -100
2021-2022	I (CSE B& ECE)	20CHG01	Engineering Chemistry	T	CSE-B -94 ECE -98
2021-2022	I CSE B	20CHG02	Engineering Chemistry Laboratory	L	CSE-B -100
2020-2021	II (ECE & IT)	20AC001	Environmental Science and Engineering	T	ECE -100 IT -100
2020-2021	II (ECE)	20CHG02	Engineering Chemistry Laboratory	L	ECE -100
2020-2021	I	20CHG01	Engineering Chemistry	T	CSE-B -90

	(CSE B, MECH & EEE)				MECH-63 EEE-94
2020-2021	I (CSE B)	20CHG02	Engineering Chemistry Laboratory	L	CSE B -100
2019-2020	II (EEE & ECE B)	UICC002	Ecology and Environmental Science	T	EEE-100 ECE B- 100
2019-2020	I (CIVIL,EEE & ECE B)	UICC001	Engineering Chemistry	T	CIVIL -62 EEE-64 ECE B- 89
2018-2019	II (CIVIL& ECE A)	UICC002	Ecology and Environmental Science	T	CIVIL-100 ECE A- 100
2018-2019	I (CIVIL& ECE A)	UICC001	Engineering Chemistry	T	CIVIL-95 ECE A- 98
2017-2018	I MECH	UICC002	Ecology and Environmental Science	T	MECH-94
2017-2018	I MECH	UICC001	Engineering Chemistry	T	MECH-67

#### Projects Guided

Academic Year	Semester	Project Title	UG / PG

#### Publications

Publications	SCI / Scopus / Web of Sciences	Others
Journal	2	6
Conferences	-	8

### Journal Publications (IEEE format)

Arjuman Banu S published a journal titled “Evolution of Genetically Modified (GM) Crops and its Impacts -A review”, Volume 7, Issue 5, 2018,ISSN NO: 2279-543X in International Journal of Scientific Research and Review.

S.Ajay Vishnu ,S.Arjuman Banu ,V.S.Ashok Ramanan, published a journal titled “Microorganism Lead a Industry”, Volume 8, Issue XII, 2018, ISSN NO : 2249-7455 in International Journal of Management, Technology And Engineering.

Ramkumar.E, Nagarani.S, Roger Rozario A. P, Arjuman Banu.S published a journal titled “Tomen: A Plant monitoring and smart gardening system using IoT”, Volume 119 No. 7 2018, 703-710, ISSN: 1314-3395 in International Journal of Pure and Applied Mathematics.

Immanuel R,Arjuman Banu S Elangovan T,Keerthivasan NAniruddha G,Asha P published a journal titled “Electrochemical Oxidation Of Textile blue dye using copper and aluminium”, Volume 120 No. 6 2018, 141-151 ISSN: 1314-3395 in International Journal of Pure and Applied Mathematics.

S.Senthilkumar, S.Sudha and S.Arjuman Banu published a journal titled “Synthesis and Antimicrobial Activity of Novel 1,1-Disubstituted Pyrrolo- $\beta$ -Carbolines”, Vol. 4, No. 5, December 2016, in International Journal of Printing, Packaging & Allied Sciences.

Arjuman Banu S,Nagarani S,Kirubha M published a journal titled “Preparation of Low Cost Activated Carbon Adsorbents from Natural Sources”, Volume 3, Issue 4 April 2016, ISSN 2394 – 3386 in International Journal of Engineering Technology Science and Research.

N.Samson Maria Louis\*, ArjumanBanu, S.Sudha published a journal titled “Effect Of Rice Husk Ash And Hydrated Silica on the Dielectric Properties Of LDPE Composites”, MSAIJ, 11(11) 2014, ISSN : 0974 – 7486 in Material Science.

N.Samson Maria Louis\*, ArjumanBanu, S.Sudha published a journal titled “Activated Carbon From Rice Husk for Treating Dye Waste Water”, Vol. 1: Issue 1 2015 in International Journal of Green Chemistry.

### Conference Publications (IEEE format)

### Books / Book Chapters (IEEE format)

### Sponsored Research

Project Title	Funding Agency	Amount Rs.	Duration
Drifty bioplastics from the perishable products(2021-2022)	SRIT-RPS	7000	One Year
Domotic homes for challengers (2021-2022)	SRIT-RPS	7000	One Year

### Consultancy

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

### Workshops / Seminars attended

PARTICULARS	Title	Date	Venue
Lectures given	Civilizational changes through Education	31.08.2023	Sri Ramakrishna Institute Of Technology
	Harmony in Nature	23.11.2022	Sri Ramakrishna Institute Of Technology
	Study And Impacts Of Adulterants In Food	25.02.2019	Sri Ramakrishna Institute Of Technology
	Environment, Health And Natural Sciences (Nsehs-18)	24.02.2018	Sri Ramakrishna Institute Of Technology
	E-Waste Management – A Social Issue	10.02.2018	Sri Ramakrishna Institute Of Technology
Attended			
	Futuristic Batteries: Challenges And Opportunities	15.10.2020	Sarananthan College Of Engineerig
	Recent Trends In Material Chemistry	15.10.2020-17.10.2020	Rajiv Gandhi University Of Knowledge Technologies
	Recent Advancement In Supercapacitor Electrode Materials	17.09.2020	Nehru Institute Of Engineering And Technology
	Frontiers In Nanotechnology	27.08.2020-29.08.2020	Srm Institute Of Science And Technology
	Current Energy Scenario And Its Importance	21.07.2020	Kalasalingam Academy Of Research And Education
	Introduction To Nanotechnology & Nanomaterials	29.07.2020	Nehru Institute Of Engineering & Technology
	Recent Advances In Chemical Sciences	28.07.2020	St.Xavier's College
	Characterization Techniques Of	26.06.2020	The National Institute Of

	Technology		Engineering
	Nano Magnetism	22.06.2020-23.06.2020	Vel Tech High Tech
	Creative Writing Of Research Proposals & Articles	04.06.2020	Adikavi Nannaya University
	Graphene Based Nanosensors For Energy Storage	01.06.2020	V.O.Chidambaram College
	Materials For Energy, Environment And Health Care Applications	21.05.2020-22.05.2020	The Gandhigram Rural Institute
	Micro & Nanotechnology And Its Applications	14.05.2020	G.T.N.Arts College
	Material Sciemce	18.05.2020-23.05.2020	Sathyabama Institute Of Science And Technology
	Nano-The Tiny Warrior- Engineering Nanomedicine And Drug Delivery System	30.05.2020	Kongu Engineering College
	Publishing Articles In Sci Indexed Journals & Filling Ipr		
	New Trends In Research And Modelling Of Crystal Growth And Its Energy Applications	18.07.2019-19.07.2019	P.A.College Of Engineering And Technology,Pollachi
	Scrutinizing The Latest Approaches In The Sphere Of Advanced Materials And Nanotechnology	04.07.2019-05.07.2019	P.A.College Of Engineering And Technology,Pollachi
	Application Of Renewable Energy (Nsare 2019)	25.01.2019	Sri Ramakrishna Institute Of Technology
	International Conference On Multidisciplinary Approaches In Engineering And Management And Science	14.12.2018	Sri S.Ramasamy Naidu Memorial College,Sattur
	Basic Materials For Manufacturing Mechanical Tools And Building Construction	27.09.2018	Sri Ramakrishna Institute Of Technology
	Advances In Materials Science And Engineering For Societal Applications (Nmse 2018)	18.07.2018-20.07.2018	Sri Ramakrishna Engineering College
	Global Summit On Science,Technology,Engineering And Management	03.05.2018	Sri Ramakrishna Institute Of Technology
	Environment,Health And Natural Sciences (Nsehs-18)	24.02.2018	Sri Ramakrishna Institute Of Technology
	Computational Chemistry	21.02.2018	Sri Ramakrishna Institute Of Technology
	Purification And Analytical	19.02.2018	Sri Ramakrishna Institute Of

	Techniques(Nwpat-2018)		Technology
	Research Methodology And Writing Funding Proposals	22.12.2017	Sri Ramakrishna Institute Of Technology
	Hands On Training On Video Lesson Preparation	09.12.2016	National Institute Of Technology,Tiuchirappalli

**Faculty Development Program attended (from recent)**

Particulars	Title	Date	Venue
Attended	Metals in Biology	July – September 2023	Swayam portal (Online)
	Nanomaterials For Clean Energy And Environment Applications-Phase II	16.11.2020-21.11.2020	Dr.Mahalingam College Of Engineering And Technology
	Condensed Matter Physics	19.10.2020-21.10.2020	Jamal Mohamed College
	Sensors Technology(Atal)	05.10.2020	Niit Jamshedpur
	Leadership & Excellence (Atal)	25.09.2020-29.09.2020	Alagappa University
	Recent Trends On Energy And Related Materials	26.08.2020-28.08.2020	Cmr Institute Of Technology
	Spectroscopic Techniques	03.08.2020-05.08.2020	Jamal Mohamed College
	Advancements In Applied Chemistry	06.07.2020-08.07.2020	St.Joseph's College Of Engineering
	Application Of New Materials In Emerging Field	24.06.2020-30.06.2020	Sathyabma Institute Of Science And Technology
	Radaiation & Environmental Radioactivity	03.06.2020-05.06.2020	CSI College Of Engineering
	Advanced Materials And Their Applications	02.06.2020-06.06.2020	Auxilium College
	Recent Trends In Material Frontiers	29.05.2020-30.05.2020	St.Joseph's College Of Engineering
	Recent Advances In Chemical Sciences	20.05.2020-22.05.2020	SNS College Of Technology
	Nanotechnology In Agriculture	Aug-Oct(2018)	Indian Institute Of Technology, Kanpur
	Applied Operation Research	06.04.2017-07.04.2017	Sri Ramakrishna Institute Of Technology

## Events Organized (from recent)

### Seminars

Organized a Seminar Climate change and sustainability during 13<sup>th</sup> October 2023

Organized a Webinar on Yoga for Healthy Living during 10<sup>th</sup> February 2022

Organized Webinar on Innovative Design and Implementation of Final Year Projects during 18<sup>th</sup> May 2021.

Organized Webinar on International webinar on Electrochemical Sensors and its applications during 18<sup>th</sup> July 2020.

Organised one day Project Expo for First year B.E/B.Tech during 15th February 2019 at Sri Ramakrishna Institute of Technology.

Organised a Seminar on Study and Impacts of Adulterants in Food during 25th February 2019.

Organized Certificate course on “E-Waste Management” during 10<sup>th</sup> August 2017

### Online Courses Completed

Sl. No.	Title	Platform
1	Metals in Biology	Nptel-AICTE Certificate Course
2	Nanotechnology And Nanosensor,Part -2 Technion Israel Institute Of Technology	Course Era
3	Nanotechnology And Nanosensor,Part -1 Technion Israel Institute Of Technology	Course Era
4	Introduction To Molecular Spectroscopy, University Of Manchester	Course Era
5	Nanotechnology: A Maker's Course	Course Era
6	Basics in Inorganic Chemistry	Nptel-AICTE Certificate Course
7	Bioinorganic Chemistry	Nptel-AICTE Certificate Course
8	Nanotechnoogy In Agriculture (Aug-Oct) Indian Institute Of Technology, Kanpur	Nptel-AICTE Certificate Course
9	Electronic Waste Management-Issues And Challenges(Feb-Mar)Indian Institute Of Technology, Kharagpur	Nptel-AICTE Certificate Course

### Awards and Recognitions Secured

Sl. No.	Programme	Awards
1	International Art Creativity and Engineering Exhibition I+ACEH 2019	Gold Medal
2	International Engineering Invention & Innovation Exhibition(i-ENVEX)-2018	Double Gold Award
3	International Women Researchers Connect And Awards (March 2018)	Excellence Teaching in Higher Education
4	Srit Alumni Association (Jan 2016)	Dr.S.Radhakrishnan Award for the contribution and Excellence in Academics

### Self-appraisal

#### Major Strengths

Discipline

Dedicated

Flexible

#### Major Weakness

Over thinking

Procrastinaor

Sensitive



**Signature**