



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: Science & Humanities

**Dr. S.Anne Susan Georgena M.Sc., M.Phil., Ph.D.,
PGDCA, PGDOR**

Assistant Professor,
Science & Humanities



Date of birth	:	11.07.1985	Gender	:	Female
Nationality	:	INDIAN	Marital status	:	Married
Address for correspondence	:	19-1, Farook Nagar, Kovaipudur, Coimbatore – 641 042	Permanent address	:	19-1, Farook Nagar, Kovaipudur, Coimbatore – 641 042
Mobile no	:	9655011785	e-mail (official)	:	annesusan.sh@srit.org
Landline	:	0422-4972640	e-mail (personal)	:	annesusan7@gmail.com
Date of joining	:	14.06.2018	Post of joining	:	Assistant Professor
No of promotions since D.O.J	:	-	Present post	:	Assistant Professor
Present pay scale	:	Rs. 15,600-39,100	Gross pay	:	Rs.36,611/-
Employee ID	:	TE360	Bank account No. (Salary credited)	:	City Union Bank : 500101011524340
P.F. No	:	101278137993	Group Insurance No	:	AG00059675000104
PAN Number	:	ARYPA7404R	Aadhar Number	:	3488 8021 1440
AICTE ID	:	1-4144682229	AICTE Institution ID	:	

Educational Qualification

Degree	Specialization	Year of Passing	Name of the College	Name of the University	Class Obtained
UG	Mathematics	2005	Nirmala College for Women, Coimbatore – 641 018.	Bharathiar University Coimbatore – 641 046.	First Class
PG	Mathematics	2007	Nirmala College for Women, Coimbatore – 641 018.	Bharathiar University Coimbatore – 641 046.	First Class
M.Phil.	Mathematics	2009	Bharathiar University Coimbatore – 641 046.	Bharathiar University Coimbatore – 641 046.	First Class, Highly Commended
Ph.D.	Applied Mathematics	2014	Bharathiar University Coimbatore – 641 046.	Bharathiar University Coimbatore – 641 046.	Highly Commended
Others PGDCA	Computer Applications	2006	Bharathiar University Coimbatore – 641 046.	Bharathiar University Coimbatore – 641 046.	First Class
Others PGDOR	Operations Research	2007	Bharathiar University Coimbatore – 641 046.	Bharathiar University Coimbatore – 641 046.	First Class

Registration for Ph.D. with area of interest: Fluid Dynamics

Year of Ph.D. Registration: 2009

Year of Ph.D. Completed: 2014

Thesis Title: Studies on Unsteady Hydromagnetic Flows over Stretching / Shrinking surfaces with radiative heat transfer and Newtonian heating

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
CSI College Of Engineering, Ketti, The Nilgiris	Assistant Professor	16.10.2014	31.05.2018	3	7	16
Bharathiar University	Lecturer	01.06.2009	31.05.2010		11	
Total				4	6	16

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	I	20MHG01	Calculus & Linear Algebra	T	96
	II	20MHG02	Differential Equations & Complex Variables	T	84
	III	20MHG06	Probability & Statistics	T	92
	IV	20MHG04	Discrete Mathematics	T	87
2021-2022	I	20MHG01	Calculus & Linear Algebra	T	92
	II	20MHG02	Differential Equations & Complex Variables	T	84
	III	20MHG06	Probability & Statistics	T	82
	IV	20MHG04	Discrete Mathematics	T	76
2020-2021	I	20MHG01	Calculus & Linear Algebra	T	94
	II	20MHG02	Differential Equations & Complex Variables	T	90
	III	20MHG03	Transforms & Partial Differential Equations	T	72

Projects Guided

Academic Year	Semester	Project Title	UG / PG

Publications

Publications	SCI / Scopus / Web of Sciences	Others
Journal		
Conferences		

Journal Publications (IEEE format)

1. S. Anne Susan et al, 'Unsteady Hydromagnetic Flow and Radiation Heat Transfer Past a Stretching Surface Embedded in a Porous Medium with Dissipation Effects', 2020 IOP Conf. Ser.: Mater. Sci. Eng. 932 012126.
2. S.P. Anjali Devi and S. Anne Susan Georgena, 'Numerical Investigation on the Effects of Variable Viscosity and Radiation on the MHD Flow with Heat Transfer over an Unsteady Stretching Surface Embedded In a Porous Medium', Journal of Energy Power & Engineering, Vol 7, No.3, July 2017.
3. S.P. Anjali Devi and S. Anne Susan Georgena, 'Variable viscosity and radiation effects on the unsteady hydromagnetic flow past a stretching surface embedded in a porous medium', International Journal of Engineering Science and Technology, Vol X, 13-05-12-019, December 2019.

Conference Publications (IEEE format)

1. **S.Anne Susan et. al, 'Unsteady hydromagnetic flow and heat transfer over a shrinking sheet with thermal radiation'** Proceedings of the International Conference on Recent Developments in Mathematics (ICRDM 2022) Canadian University Dubai, Dubai, UAE & United Arab Emirates University, AL Ain, UAE, August 2022, Vol I – 4066, p 156-164, August 2022.
2. **S.Anne Susan et. al, 'Electronic Soil Moisture Sensor'** Proceedings of the International Conference on Recent Developments in Mathematics (ICRDM 2022) Canadian University Dubai, Dubai, UAE & United Arab Emirates University, AL Ain, UAE, August 2022, Vol I – 4066, p 215-219, August 2022.

3. **S.Praveena, R.N.Devendra Kumar, S Parameswari, S. Anne Susan ‘Smart Agri – Mart Portal for Farmers’** Proceedings of the International Conference on Science, Technology, Engineering and Mathematics, May 2021, 973-93-92105-67-8, p127.
4. **‘Unsteady Hydromagnetic flow & Heat Transfer past a Stretching surface embedded in a porous medium with effects of Viscous Dissipation and Thermal Radiation’** in The 1st International Conference of Science, Engineering & Technology, Universiti Malaysia Perlis, MALAYSIA on 27.02.2020
5. **‘Effects of Viscous Dissipation and Variable Conductivity over a nonlinear MHD flow and Heat Transfer past a Stretching Porous Surface embedded in a porous medium’** in the National Conference on contributions of Mathematics in Science & Technology COMIST -19, Bannari Amman Institute of Technology, Sathyamangalam, INDIA during 20.02.2020 and 21.02.2020.
6. **‘Effects of Thermal Radiation over an unsteady hydromagnetic flow and heat transfer past a stretching surface with suction’** in the National Conference on contributions of Mathematics in Science & Technology COMIST -19, Bannari Amman Institute of Technology, Sathyamangalam, INDIA during 15.02.2019 and 16.02.2019.

Books / Book Chapters (IEEE format)

Sponsored Research

Project Title	Funding Agency	Amount Rs.	Duration

Consultancy

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

Workshops / Seminars attended

S.No.	Title	Date	Venue
1	VLSI: Why, What, How to Start a VLSI Career	06.05.23	Sumedha IT
2	India's 5G Future	15.10.22	IFERP
3	Entrepreneurship as a Career Opportunity	25.08.22	Marudhar Kesari Jain College for Women, Vaniyambadi
4	Effective Use of online E-Resources and E-Learning Platforms	26.11.22	Assam University, Assam
5	Understanding Popular Science Writing	18.07.22	AWSAR, DST, Govt. of India
6	Computational Techniques for Applied Sciences	06.07.22-07.07.22	CCS Haryana Agricultural University, Haryana
7	Gandhi & Indigenization	10.07.2022	Gujarat Vishyapith, Ahmedabad
8	Biodegradable components for food packaging industries	22.05.2021	Nehru Institute of Engineering & Technology
9	Research Opportunities in Biomedical Engineering	20.05.2021	Hindustan Institute of Technology
10	Recent Development in Nanostructured Materials	25.10.2020	Institute For Engineering Research and Publication
11	Latest Trends in Nanotechnology	10.09.2020	Institute For Engineering Research and Publication
12	Cyber Virus that took its path to Corona Virus	15.08.2020	Institute For Engineering Research and Publication
13	Virtual Interactive Classroom For Teachers and the Challenging	05.06.2020	Institute For Engineering Research and Publication

	Technologies in Post Covid – 19 Era		
14	Mathematics of Industry 4.0	27.04.20 to 29.04.2020	SRM Institute of Science & Technology, Chennai
15	Mathematical Sciences for CSIR NET Aspirants	19.05.20 – 23.05.20	St.Mary's College, Thoothukudi (Online)

Faculty Development Program attended (from recent)

Particulars	Title	Date	Venue
Organized	Statistical Methods for Engineers	29.11.19	SRIT
	AICTE – ADOBE Sponsored Faculty Development Workshop on Digital Creativity Skills	23.03.23	CSE Laboratory, SRIT
Attended	Body Language: A key to Professional Success	4 Weeks	NPTEL – AICTE, IIT Madras, Chennai
	Emerging Technologies in AI, Data Science and Cyber Security	18.07.22 – 22.07.22	Amity Institute of Information Technology, Amity University, Rajasthan
	Recent Advancements in Biomedical Applications and Communication Systems	13.07.22 – 18.07.22	GMR Institute of Technology, Kakinada
	Enhancing Research & Consultancy Skills	22.06.22- 26.06.22	Rajarambapu Institute of Technology, Kolhapur
	Recent Trends in Image Processing	15.06.22 – 19.06.22	Gates Institute of Technology, AP
	Insights into Quality Research & Innovation	13.05.22 – 20.05.22	Vivekanandha College of Engineering for Women, Chennai
Attended	Emerging Applications in Image Processing	01.03.22 – 05.03.22	Rajalakshmi Institute of Technology, Chennai

Mathematical Biology	25.02.22 – 26.02.22	Kumaraguru College of Technology, Coimbatore
Computational Techniques for Applied Sciences	06.07.22 – 07.07.22	CCS Haryana Agricultural University, Haryana
Enhancing Soft Skills & Personality	(8 weeks)	NPTEL – AICTE, IIT Madras, Chennai
Insightful Rudiments of Originating Google Forms & Generating Certificates	25.09.21 – 26.09.21	Balaji Institute of Technology & Science, Telengana
Python 3	08.06.21 – 14.06.21	University Department of Mathematics, Bhagalpur
Inculcating Universal Human Values in Technical Education	13.09.21 – 17.09.21	AICTE, New Delhi
Sustainable Efforts towards joyful and innovative teaching	03.03.21	Zero Investment Innovations for Education Initiatives (ZIIIEI)
Python and R Programming	14.04.20 17.04.20	IIT Bombay
Assessment in Engineering Education: A Pedagogical Approach	16.11.20 – 21.11.20	Short Term Training Programme (STTP), VIT, Chennai
Strategies for effective Work life Balance of academicians	04.05.20 08.05.20	Karpagam College of Engineering, Coimbatore
Applications of Mathematics in Engineering	27.07.20 31.07.20	KPRIET, Coimbatore
International FDP on Digital Education	27.06.20 03.07.20	Bishop Appasamy College of Arts & Science, Coimbatore
Machine Learning & Deep Learning Techniques and its applications	01.06.20 – 04.06.20	PSNA College of Engineering & Technology

	Cyber Security	03.06.20 – 05.06.20	Anurag University in association with ISTE and Indian Servers, Hyderabad
	Techniques and application in teaching Engineering Mathematics	10.06.20 11.06.20	Ramakrishnan College of Engineering, Tiruchirapalli
	International FDP on Importance of Mathematics in Science & Technology	25.06.20 – 29.06.20	GMR Institute of Technology, Andhra Pradesh
	Research Methods and Writing Skills in Mathematical Sciences	25.05.20 – 27.05.20	Bon Secours College for Women, Thanjavur
	International FDP (India - Japan) on AI based proctoring in next generation education	23.05.20	Shri Shankarlal Sundarbai Shasun Jain College for Women, Chennai
	Data Science using R and Geo Gebra	11.05.20 14.05.20	Jamal Mohammed College, Tiruchirapalli
	Mathematics of Industry 4.0	27.04.20 29.04.20	SRM Institute of Science & Technology
Attended	TEQIP III sponsored FDP on “Mathematical Modeling and Data Analysis using R & SPSS”	12.12.19 – 17. 12.19	Coimbatore Institute of Technology, Coimbatore
	Linear Algebra and its Applications	28.11.2018	Dr.NGP Institute of Technology, Coimbatore
	Introduction to Operations Research	Aug – Sep 2018 (8 weeks)	NPTEL – AICTE, IIT Madras, Chennai

	“Optimization Techniques with Engineering Applications”	10.12.18 – 14.12.18	National Institute of Technical Teachers Training & Research, NITTTR, Chandigarh
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Events Organized (from recent)

Conference

Particulars	Title	Date	Venue
Organized	International Conference on Recent Trends in Applied Mathematics	11.10.2023	Seminar Hall II
	International Conference on Recent Trends in Applied Mathematics	07.10.2022	Seminar Hall II

FDP

Particulars	Title	Date	Venue
Organized	AICTE – ADOBE Sponsored Faculty Development Workshop on Digital Creativity Skills	23.03.23	CSE Laboratory, SRIT
	Statistical Methods for Engineers	29.11.19	SRIT

Workshops/ Seminars

S.No.	Title	Date	Venue
1	CHOREO-CLASH – Diwali Celebration – Dance Competition	08.11.2023	Seminar Hall II
2	SOUNDILICIOUS – World Singing Day Singing Competition	27.10.2023	Seminar Hall II
3	RANG – TARANG Rangoli Competition	18.10.2023	SRIT Lobby

4	TALENT HUNT 2023 for First Year B.E./ B.Tech. students	30.08.2023	SRIT Open Air Auditorium
5	AICTE – ADOBE Sponsored Faculty Development Workshop on Digital Creativity Skills	23.03.23	CSE Laboratory, SRIT
6	Bicycle Competition on World Bicycle Day	02.06.2023	SRIT
7	Quiz, Drawing and Painting Competition on World Environment Day	05.06.2023	SRIT
8	Essay Writing Competition - Model G20 Initiative supported by the Ministry of Education, GoI and organized by IIT, Hyderabad in association with Indian National Young Academy of Sciences (INYAS)	25.04.2023	SRIT
9	International Women's Day Conclave	08.03.2023	SRIT
10	National Science Day – Project Expo & Poster Presentation Competition	28.02.2023	SRIT
11	National Girl Child Day – Awareness Rally & Seminar	24.01.2023	SRIT
12	International Conference on Recent Trends in Applied Mathematics	07.10.2022	SRIT
13	ISPRC Seminar on Artificial Intelligence and Robotics: Current & Future	08.12.2021	E-Learning Center, SRIT
14	International Conference on Global Advance Trends in Applied Mathematics, Physical Sciences and Humanities	21.10.2021	SRIT
15	Women in IT Industry	29.04.2021	SRIT (Online)

16	Mathematical Modeling & Simulation for Societal Needs: An Integration of Science, Technology and Engineering	22.10.2020	SRIT (Online)
17	Experiment & Computation in selection of materials for various applications	26.09.2020	SRIT (Online)
18	Mathematical Foundations for artificial Intelligence and Machine Learning	27.07.2020	SRIT (Online)
19	A Primer for Monte Carlo Method and its application in Physical Science, Engineering and Climate change	14.8.2020	SRIT (Online)
20	Mathematical Foundations for artificial Intelligence and Machine Learning	25.07.2020	SRIT (Online)
21	Food Processing Business Opportunities	05.07.2020	SRIT (Online)
22	Workshop on Robotic Manipulators – Forward and Inverse Kinematics	04.07.2020	SRIT (Online)
23	Linear Programming – an Introduction and Application	26.06.2020	SRIT (Online)
24	Getting Started with MATHEMATICA	21.02.2020	SRIT
25	Workshop on How to use Scientific Calculator – fx-991 MS	22.08.19	SRIT
26	One day Hands – On Workshop on MATHEMATICA	09.01.19	SRIT
27	One Day Seminar on Real Life Applications of Mathematics	08.02.19	SRIT

Online Courses Completed

S.No.	Title	Platform
1	Body Language: A key to Professional Success	NPTEL – Swayam
2	Enhancing Soft Skills & Personality	NPTEL – Swayam
3	Introduction to Operations Research	NPTEL – Swayam
4	Introduction to Probability	EdX
5	Excel Skills for Business	Coursera
6	Differential Equation for Engineers	Coursera
7	Fibonacci Numbers and the Golden Ratio	Coursera
8	Matrix Algebra for Engineers	Coursera
9	Introduction to Engineering Mechanics	Coursera
10	AI for everyone	Coursera
11	The Science of Well-Being	Coursera
12	Business Analysis & Process Management	Coursera
13	Design a Client Kit using Canva	Coursera
14	Using Date and Time Functions in Excel	Coursera
15	Leadership and Emotional Intelligence	Coursera
16	Introduction to Google Docs	Coursera
17	Programming for Everybody (Getting Started with Python)	Coursera
18	Time Management for Personal & Professional Productivity	Coursera
19	Traffic Sign Classification Using Deep Learning in Python/Keras	Coursera
20	Create Customer Support Data with Google Sheets	Coursera
21	COVID19 Data Analysis Using Python	Coursera
22	Google Ads for Beginners	Coursera
23	Getting Started in Google Analytics	Coursera

24	Create Informative Presentations with Google Slides	Coursera
25	Basic Image Classification with TensorFlow	Coursera
26	Grammar and Punctuation	Coursera
27	Getting Started with Google Sheets	Coursera
28	Introduction to HTML	Coursera
29	Investment Risk Management	Coursera
30	Predicting Salaries with Simple Linear Regression in R	Coursera
31	Internet History, Technology, and Security	Coursera
32	Introduction to Ordinary Differential Equations	Coursera
33	Build Data Analysis and Transformation Skills in R using DPLYR	Coursera
34	Stochastic processes	Coursera
35	Business Analysis & Process Management	Coursera
36	Using Date and Time Functions in Excel	Coursera
37	Collaborating with G Suite Apps	Coursera
38	Introduction to Relational Database and SQL	Coursera
39	Design a Client Welcome Kit using Canva	Coursera
40	Create eye-catching logos using Canva for an Ebrand	Coursera
41	Create a Profile and Network on LinkedIn	Coursera
42	Creating Your First C++ Application	Coursera
43	Data Analysis Using Python	Coursera
44	Using Date and Time Functions in Excel	Coursera
45	Business Analysis & Process Management	Coursera
46	Create a Profile and Network on LinkedIn	Coursera
47	Design a Client Welcome Kit using Canva	Coursera
48	Introduction to Relational Database and SQL	Coursera
49	The Science of Well-Being	Coursera

50	Using Date and Time Functions in Excel	Coursera
51	Design an eBook Cover that stands out using Canva	Coursera
52	Excel Dashboard for Beginners	Microsoft
53	MATLAB Onramp	Mathworks
54	Google Analytics for power users	Google Analytics Academy

Awards and Recognitions Secured

- Gold Award in ISPRC IDEATHON for the poster entitled SMART HELMET: Automatic Engine Locking through Alcohol Detection by Divakar K G and Vigneshwaran S (I CSE A), 22 December, 2022.
- Gold Award in ISPRC IDEATHON for the poster entitled Electronic Soil Moisture Sensor by Abinaya A and Abitha A (II IT), 22 December, 2022.
- Silver Award in ISPRC IDEATHON for the poster entitled Smart Induction Cooktop by Aruna S and Janani S (I CSE A), 22 December, 2022.
- Bronze Award in ISPRC IDEATHON for the poster entitled Structural Integrity by Bhavya R S (I CSE A), 22 December, 2022.
- Participation Certificate in ISPRC IDEATHON for the poster entitled for Car Safety with Airbag Notification by Deepak M and Dhamodharan S (I CSEA), 22 December, 2022.
- Received **Silver Medal** for the product “**HPS BOT: A Revolutionary Robot Companion for Social-Emotional Learning**” exhibited in the International virtual expo of innovation product and system design (IN-VIDE 2021), **Universiti Malaysia, Perlis, MALAYSIA**.
- Received **Bronze Medal** for the product “**Anti-bacterial and Anti-viral functioning organic materials towards tackling COVID-19**” exhibited in the International virtual expo of innovation product and system design (IN-VIDE 2021), **Universiti Malaysia, Perlis, MALAYSIA**.
- Received **Bronze Medal** for the product “**Development of Non-Invasive device for nutrient deficiency detection in Children**” exhibited in the International virtual expo of innovation product and system design (IN-VIDE 2021), **Universiti Malaysia, Perlis, MALAYSIA**.
- Received **Bronze Medal** for the product “**AI Augmented behaviour analysis for children with autism : A Technology for future diagnosis**” exhibited in the International virtual expo of innovation product and system design (IN-VIDE 2021), **Universiti Malaysia, Perlis, MALAYSIA**.

- Awarded **Silver Medal** for the product “Design and Fabricatoin of Multi-Tool Ploughing Machine” exhibited Virtual Expo of Innovation Product and System Design 2020 (VIDE 2020) on 08.12.2020 in **Universiti of Malaysia, Perlis, MALAYSIA.**

Self-appraisal

I hope to foster a love of learning in my students and share innovative pedagogies with my colleagues.

Major Strengths

1. Strong Communication Skills and Interpersonal Skills
2. Active Listener, Collaborative, Creative and Adaptable
3. Prioritize Real-World Learning
4. Organizational Abilities

Major Weakness

1. Technological knowledge Upgradation (such as a specific software)
2. Procrastination

Signature