

## PROFILE



**Name** (Fr./Dr./Mr./Mrs./Ms.) : MRS. S.JONE JAYASHREE

**Gender** : Female

**Department** : MATHEMATICS

**Educational Qualification** : M.Sc., M.Phil., with SET

S. No.	Degree / Diploma	Subject / Main	Name of the College / University
1.	U.G.	MATHEMATICS	STELLA MARIS COLLEGE(AUTONOMOUS),CHENNAI
2.	P.G.	MATHEMATICS	MADRAS CHRISTIAN COLLEGE(AUTONOMOUS),CHENNAI
3.	M.Phil.	MATHEMATICS	MADRAS CHRISTIAN COLLEGE(AUTONOMOUS),CHENNAI
4.	Ph.D.	MATHEMATICS (Submitted Thesis on 29.06.2024)	St.JOSEPH'S COLLEGE(AUTONOMOUS),TRICHY.
5.	NET/CSIR/ SLET	SET MATHEMATICAL SCIENCES	MOTHER THERASA UNIVERSITY KODAIKANAL.
6.	Others	-	-

Teaching Experience at Holy Cross College : 16 years

Experience outside Holy Cross College : 2 years

Total Teaching Experience : 18 years

Stream : Self Financing stream

Shift : I

**Positions Held** (VP / Dean/ HOD / Director/ Overall Coordinator etc.)

S. No.	Name of the Position	Period
1.	Coordinator – Shift II Department of Mathematics HOLY CROSS COLLEGE(AUTONOMOUS)	2008 - 2010
2.	SECRETARY – STAFF CLUB OVERALL TEACHING STAFF(SHIFT II) HOLY CROSS COLLEGE(AUTONOMOUS)	2014 - 2015
3.	AICUF Coordinator HOLY CROSS COLLEGE(AUTONOMOUS)	2020 -2023

**E-lessons developed:**

S.No	Title of e-lessons
1.	<b>AN INTRODUCTION TO PROJECTILES(DYNAMICS)</b>
2.	<b>DIAGRAMMATIC REPRESENTATION OF DATA(BUSINESS STATISTICS)</b>
3.	<b>DIVERGENCE AND CURL OF A VECTOR(VECTOR CALCULUS)</b>

**Research activities – Papers Published:**

Academic Year	Nature of the Journal	Details
2019-2020	UGC Care	S.Jone Jayashree , A.Anthony Eldred, (April 2020), Strong Convergence theorems for mixed type asymptotically nonexpansive mappings in hyperbolic spaces , Malaya Journal of Matematik, Vol. S, No.1 ,Pg No: 380 – 385..
2020-2021	Scopus	S.Jone Jayashree,J.Beny, P.Sagayaleeli, (December 2020)Common Fixed Point Theorems On Locally Contractive Mappings In B-Multiplicative Metric Spaces, European Journal of Molecular & Clinical Medicine, Volume 7, Issue 9, 3165-3173.
2020-2021	Scopus	J.Beny, S.Jone Jayashree, P.Sagayaleeli , (December 2020)A Study Of Fixed Point Theorems In S-Metric Spaces, European Journal of Molecular & Clinical Medicine, Volume 7, Issue 9, 3197-3203.
2020-2021	Scopus	P.Sagayaleeli , S.Jone Jayashree , J.Beny , (December 2020)An Approach for Solving Fuzzy Transportation Problem using Ranking function European Journal of Molecular & Clinical Medicine, Volume 7, Issue 9, 5863-5870..
2020-2021	UGC Care	S.Jone Jayashree , A.Anthony Eldred, (March 2021), Strong and $\Delta$ - convergence of Ishikawa iterates of mixed type nonexpansive mappings in hyperbolic spaces, Journal of Analysis-Springer, 10.1007/s41478- 021-00314-9Online ready Link: <a href="http://link.springer.com/article/10.1007/s41478-021-00314-9">http://link.springer.com/article/10.1007/s41478-021-00314-9</a>

2021 - 2022	Scopus	S.Jone Jayashree, J.Beny, P.Sagayaleeli, (December 2021)Common Fixed Point Theorems On $D^*$ Metric Spaces, Natural Volatile and Essential oils journal, Volume 8, Issue 4, 3165-3173.
2021 - 2022	Scopus	J.Beny, S.Jone Jayashree, P.Sagayaleeli, , (December 2021), A generalized fixed point theorems on multi valued mappings in B-metric spaces, Natural Volatile and Essential oils journal, Volume 8, Issue 4, 10049-10054
2021 - 2022	Scopus	P.Sagayaleeli , S.Jone Jayashree , J.Beny, , (December 2021), An approach for solving fuzzy transportation problem usingallocation table method, Natural Volatile and Essential oils journal, Volume 8, Issue 4, 9935 – 9956
2022 – 2023	Scopus	S. JoneJayashree, A. Anthony Eldred (2022), Existence of Best Proximity Pairs for Multivalued Mappings Satisfying Contractive Conditions in Hyperbolic Spaces, South East Asian Journal of Mathematics and Mathematical Sciences, Volume21,Proceedings, <b>Pages</b> 29-36.
2023-2024	Scopus	S.Jone Jayashree ,A.Anthony Eldred (2024)Convergence of Modified S-Iteration to Common Fixed Points of Asymptotically Nonexpansive Mappings in Hyperbolic Spaces, International Journal of Analysis and Applications, <b>Volume</b> 22:28

## Research activities – Papers Presented

S.No	Academic Year	Name of the Conference	National / International	Details
1.	2016 - 2017	Applications Of Mathematics– Recent Trends	<b>National</b>	<p>PRESENTED</p> <p>TITLE: Existence of best proximity Points for multivalued mappings Satisfying contractive conditions</p> <p>Organised by: St.Joseph’s College Trichy. December 22<sup>nd</sup> 2016</p>
2.	2019 - 2020	“Analysis And Computation In Pure And Applied Mathematics”(ICACPAM 2020)	<b>International</b>	<p>Presented Title: Strong Convergence theorems for mixed type asymptotically nonexpansive mappings in hyperbolic spaces.</p> <p>Organised by: Bon SecoursCollege Thanjavur. Feburary24<sup>th</sup> -25<sup>th</sup>2020</p>
3.	2020 - 2021	“Analysis and Applications –Focused on Fixed Point Theory”	<b>National</b>	<p>Presented Title: “Data dependence for Ishikawa iterates on hyperbolic spaces”</p> <p>Organized by: Dwaraka DossGovardhan Doss Vaishnav College, Chennai. Feburary24<sup>th</sup> -25<sup>th</sup>2021</p>

**Conference/Seminar/Workshop/ Training Programme attended - Academic & General:**

(Last five years)

<b>S.No.</b>	<b>Theme</b>	<b>Place</b>	<b>International / National / State level</b>	<b>Year</b>	<b>Resource Person / Paper Presentation /Participation</b>
1.	Present trends in Applications of Mathematics	Holy Cross College ,Trichy.	International	2019	Participation
2.	“ANALYSIS AND COMPUTATION IN PURE AND APPLIED MATHEMATICS” (ICACPAM 2020)	Bon Secours College Thanjavur.	International	February 24 <sup>th</sup> - 25 <sup>th</sup> 2020	Presented Title: Strong Convergence theorems for mixed type asymptotically nonexpansive mappings in hyperbolic spaces
3.	Present trends in Applications Webinar on Unleashing Machine Learning & Cloud Computing	Holy Cross College , Trichy.	National	9 <sup>th</sup> May, 2020	Participation
4.	Optimizing Family During Lockdown	Holy Cross College (Autonomous), Trichy.	National	19 <sup>th</sup> May ,2020	Participation
5.	Reimagining research in the era of Disruptions and uncertainties	Holy Cross College (Autonomous), Trichy.	National	21 <sup>st</sup> May ,2020	Participation
6.	Reimagining research in the era of Disruptions and uncertainties	Holy Cross College (Autonomous), Trichy.	National	21 <sup>st</sup> May ,2020	Participation
7.	Healthy Parenting Styles, HCC Cares, Webinar Series	Holy Cross College (Autonomous), Trichy.	National	27 <sup>th</sup> May, 2020	Participation
8.	Webinar on “Interesting Features of Integral Equations”	Holy Cross College (Autonomous) , Trichy.	National	28 <sup>th</sup> May ,2020	Participation
9.	Webinar on “Doing	Holy Cross College	National	29 <sup>th</sup>	Participation

	Mathematics using Softwares”	(Autonomous) , Trichy.		May ,2020	
10.	Webinar series on “Andragogy of Online Teaching”	Holy Cross College (Autonomous) , Trichy	National	29 <sup>th</sup> May,2020	Participation
11.	Remote Classrooms - Digital Technology in Teaching Learning	Holy Cross College (Autonomous) , Trichy	National	30 <sup>th</sup> May,2020	Participation
12.	Seed and Weed Nurturing Relationships	Holy Cross College (Autonomous), Trichy.	National	2 <sup>nd</sup> June2020	Participation
13.	Menstrual Hygiene & Reproductive Health Care.	Holy Cross College (Autonomous), Trichy.	National	3 <sup>rd</sup> June2020	Participation
14.	Social Innovation and Change Management ,IIC	Holy Cross College (Autonomous), Trichy.	National	5 <sup>th</sup> June2020	Participation
15.	Obesity and its role in Breast Cancer	Holy Cross College (Autonomous), Trichy.	National	6 <sup>th</sup> June2020	Participation
16.	Discover Your Values: COVID-19	Holy Cross College (Autonomous), Trichy.	National	10 <sup>th</sup> June2020	Participation
17.	Stride Tutorial on Transdisciplinary Research	Holy Cross College (Autonomous), Trichy.	National	11 <sup>th</sup> June2020	Participation
18.	Risk Management on Times of Crisis	Holy Cross College (Autonomous), Trichy.	National	12 <sup>th</sup> June2020	Participation
19.	Exploring Advances in Graph Theory.	Loyola College, Chennai.	National	15 <sup>th</sup> June , 2020 to 17 <sup>th</sup> June 2020	Participation
20.	CSIR Problems solving Techniques in Algebra and Analysis.	St. Joseph’s College, Trichy.	National	17 <sup>th</sup> June ,2020 & 18 <sup>th</sup> June2020	Participation
21.	Combat the pandemic stress through yoga	Holy Cross College (Autonomous) , Trichy	National	21 <sup>st</sup> June,2020	Participation
22.	Create, develop and capture value for your product BMC- IIC	Holy Cross College (Autonomous) , Trichy	National	25 <sup>th</sup> June,2020	Participation
23.	Webinar on	Holy Cross College	National	30 <sup>th</sup> June	Participation

	“Optimization Models of Various Divisions of Mathematics in Graph Theory”	(Autonomous) , Trichy		,2020	
24.	Artificial Intelligence of IoT Heuristic Transdisciplinary perspectives	Holy Cross College (Autonomous) , Trichy	National	4 <sup>th</sup> - 10 <sup>th</sup> July,2020	Participation
25.	ICT tools for the 21 <sup>st</sup> Century	Holy Cross College (Autonomous) , Trichy	National	10 <sup>th</sup> July,2020	Participation
26.	Capacity building of young talent in transdisciplinary Research for a sustainable development of Society	Holy Cross College (Autonomous) , Trichy	National	13 <sup>th</sup> & 18 <sup>th</sup> July, 2020	Participation
27.	State Level Webinar on “Applications Various Divisions of Mathematics in Graph Theory “	Holy Cross College (Autonomous), Trichy.	National	25 <sup>th</sup> July ,2020	Participation
28.	Webinar on “Designing Finite State Automata”	Holy Cross College (Autonomous) , Trichy.	National	1 <sup>st</sup> August ,2020	Participation
29.	The implications of the NEP 2020 for Higher Education and role of teachers	Holy Cross College (Autonomous) , Trichy.	National	25 <sup>th</sup> August , 2020	Participation
30.	International Seminar on “Present Trends in Applications of Mathematics”	Holy Cross College (Autonomous), Trichy.	International	16 <sup>th</sup> & 17 <sup>th</sup> November,2020	Participation
31.	“Analysis and Applications – Focused on Fixed Point Theory”	Dwaraka Doss Govardhan Doss Vaishnav College, Chennai.	National	February 24 <sup>th</sup> - 25 <sup>th</sup> 2021	Presented Title: “Data dependence for Ishikawa iterates on hyperbolic spaces”
32.	One day In-service faculty workshop on manipulation	Holy Cross College (Autonomous), Trichy.	National	14 <sup>th</sup> July 2023	Participation



	and analysis of data in SPSS				
33.	International conference on “Recent Trends in Applications of Mathematics”	Holy Cross College (Autonomous), Trichy.	International	4 <sup>th</sup> August 2023	Participation
34.	National conference on “The Evolving Landscape: Exploring Possibilities and Challenges for the Girl Child in a Dynamic World”	Holy Cross College (Autonomous), Trichy.	National	24 <sup>th</sup> January 2023	Participation

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**Signature**