CAUVERY COLLEGE FOR WOMEN(AUTONOMOUS)

STAFFPROFILE

PERSONALINFORMATION

1. Name **:Dr.S.SASIKALA**

2. Date of Birth **:19.05.1979**

3. Address **:**

Residential	**Office**
334/2, MALIGAISTREET, NEAR PRINCE CHRUCH, EZHILNAGAR, TRICHY22. MOBILE:8148417182 Gmail : sasikalaharigiri@gmail.com	CAUVERYCOLLEGEFORWOMEN, ANNAMALAINAGAR, TRICHY-620018. Gmail :sasikala.maths@cauverycollege.ac.in

ACADEMICINFORMATION

4. Designation &Department: **Associate professor,**
PG and Research Department of Mathematics

5. EducationalQualification:

Degree	**Year**	**College/University**
Ph.D	2018	St.Joseph'sCollege(Autonomous),Trichy
M.Phil	2003	SeethalakshmiRamaswami College,Trichy
M.Sc	2002	HollycrossCollege,Trichy
B.Sc	2000	HollycrossCollege,Trichy
B.Ed	2004	SriRengacollegeofEducation
PGDCA	2005	UrumuDhanalashmiCollege,Trichy

6. ResearcherID :

GOOGLE SCHOLARhttps://scholar.google.co.in/citations?user=hqqAPsQAAAAJ&hl=en

ORCID:https://orcid.org/0000-0001-9303-7141

WEB OF SCIENCE: Registered

SCOPUS ID: Registered

MENDELEY: Registered

PUBLONS:https://publons.com/researcher/4273837/sasikala-srinivasan/

VIDWAN:https://vidwan.inflibnet.ac.in/profile/205617

7. Experience :

DateofJoining	Institution	YearofExperience
16.06.2008 - till date	Cauvery College for Women	18 years
08.07.2004 -31.08.2006	Urumu Dhanalakshmi College, Trichy	2Years1Months

8. AreasofSpecialization :StochasticProcesses

9. Languagesknown: English,Tamil**.**

10. SubjectsTaught :

UG	Real Analysis, Graph Theory, Complex Analysis, Operations Research, Numerical Methods, Probability and Statistics, Mathematical Statistics I, Mathematical Statistics II, Analytical Geometry (3D) and Integral Calculus, Sequences and Series, Differential Calculus, Algebra and Calculus, Numerical Analysis and Statistics, Numerical Analysis with MATLAB Programming, MATLAB Programming(Practical), Business Statistics, Java Programming , Python Programming
PG	Stochastic Processes, Numerical Analysis, Discrete Mathematics, Differential Geometry, C++ Programming, Graph Theory, Mathematical Statistics, Integral Equation Calculus of Variations and Transforms, Real Analysis, complex analysis, Cyber Security,

10. DetailsofPublications:

JournalName& Volume	Yearof Publication	ISSN Number	NameofthePaper	Impact Factor
International journalofcurrentresearchVol.8(1),	Jan-2016	0975-833X	The M/M/1/Ninterdependent queueingmodel with controllableArrivalrates andreversebalking	4.09

Asian journal ofcurrentengineerin gandmaths Vol.1	Jan-Feb(20 16).	2277-4920	The M/M/c/Ninterdependentqueueing model with controllable arrival rates andreverseBalking	2.19
Imperialjournalofinter disciplinary research Vol.2(5)	Feb-2016	2454-1362	The M/M/1/Ninterdependentqueueing model with controllablearrival rates and reversereneging	3.75
Internationaljournalofi nnovativeresearchand development Vol.5(4)	April-2016	2278–0211	The M/M/1/Ninterdependentqueueing model with controllableArrival rates, reverseBalkingand reversereneging	4.05
Internationaljournalofi nnovative research inscience,engineeringa nd technologyVol.5(5)	May-2016.	2319-8753	The M/M/c/N/Kinterdependentqueuei ngmodel with controllablearrival rates and reversebalking	6.20 9
International journalforresearch inappliedscience,engin eeringandtechnologyV ol.6(III)	March-2017	2321-9653	TheM/M/c/N/Klossanddelayinter dependentqueueingmodel with controllablearrival rates and reversebalking	6.88 7
Theinternationaljournalof analyticalandexperimenta lmodalanalysisVol.12(I)	January2020	0886-9367	TheM/M/1interdependentinter-arrival Queueingmodelwith reneging,Balkingand RetentionofRenegedcustomerswit hcontrollablearrivalrates	6.3
Journalofinterdisciplinarycycleresearch Vol.12(V)	May2020	0022-1945	TheM/M/1interdependentinter-arrivalqueueingmodelwithBalkingandRetentionofRenegedcustomersw ithcontrollablearrivalrates	6.2
Aryabhatta Journal of Mathematics	Jan-June2023	2394-9309	The M/M/c/N/K interdependentinterarrivalque ueingmodel withcontrollable arrivalratesand reverse Balkingandimpatient Customers.	
Research Updates in Mathematics and Computer science (Book Chapter)	April 2024	vol.3 Pg 1-8	An Encourage Arrival of Muiti-Server Queuing System with Defeat Balking and Feedback Customers	

Research Updates in Mathematics and Computer science (Book Chapter)	May 2024	Vol.5 Pg 107-117	A Finite Capacity Single Server Queuing System with Encouraged Arrivals and Reverse Reneging with Controllable Arrival Rates	
Research Updates in Mathematics and Computer science (Book Chapter)	July 2024	Vol.9 Pg 17-26	The M/M/1/N Queuing System with Controllable and Encouraged Arrival Rates	

11. DetailsofSeminars/Conferences/WorkshopsAttended:

S.No	TitleoftheConference/Seminar/Workshop	LEVEL International /National /Regional /StateLevel	Organization Name	Date	Place
1	Workshop	StateLevel	CauveryCollegeForwomen	3rd&4th April 2009	Cauvery College For women Trichy
2	NationalConferenceonDiscreteMathematics	National	St.Joseph'sCollege,Trichy-1	9th&10th January 2015	St.Joseph's College,Trichy
3	FourthNationalConferenceOnApplicationof	National	St.Joseph'sCollege,Trichy-1	15th&16th	
4	Mathematics-RecentTrends			December2016	St.Joseph's College,Trichy

12.DetailsofPapersPresented:

Date	Organizer	Conference	PaperName
11-01-2020	IdhayacollegeforWomen	Internationalconferenceonpureandappliedmathematics(ICOPAM2020)	TheM/M/1interdependent inter-arrivalQueueingmodelwith reneging,Balking andRetention ofReneged customerswithcontrollable Arrivalrates

13. DetailsofOrientation/RefresherCourseAttended/FacultyDevelopmentprogram:

Date	TitleoftheCourse	Organizer
AugusttoOctober 2019	HigherEngineeringMathematics FDPOnlinecourse	NPTELonlinecourse
AugusttoOctober 2019	MentorforIntroductiontoR Software	NPTELonlinecourse

14. DetailsofChairingasResourcePerson:

Date	TitleoftheSeminar/Conference	Session Chaired
14.02.2020 ShrimadAndavan ArtsandScience College(Autonomous)	QueueingTheory	Resource Person

15. Detailsof Incharge/Participationin Extra curricular Activities:(NSS,NCC,Sports,Games,VoluntaryAssociationandCultural Activities):

Nature of Activity	Period of Incharge
Sports	**2008-2010**
BOMACclub	**2015-2017**
PrayerIncharge	**2019tilldate**
Competition	**2019 –2021**
Swayam Incharge	**2020 –2024**
Criterion 7	**2021- 2025**
Criterion 10	**2025– till date**

16. DetailsofParticipation inConsultancy,Training,Developmentetc.:

Consultancy	Certified
Microsoft	Microsoft

17. Details of Membership in Academic Bodies/Board of Studies:

18. Details of Membership of Professional Bodies:

19. Countries visited academic: Nil

20. Any other information if any:

Number of Webinar's attended 30

Number of Faculty Development Programme attended 20