

## Department of Mathematics (SF)

2019-2020

### ACTIVITIES OF THE DEPARTMENT

(Association meetings, Guest Lectures, Celebration of Important days)

S. No	Date	Topic	Resource Person (designation with complete official address)	Event
1	15.07.2019	Vedic Mathematics	Dr.N.Jayanthi, Assistant Professor, Dept. of Mathematics, Government Arts College, Coimbatore	Association Meeting
2	30.09.2019	Recent Advances in the Application of Differential Equations	Dr.K.Ponnalagu, Head, Department of Mathematics, Sri Krishna Arts & Science College, Coimbatore	Guest Lecture
3	04.12.2019	Scilab	Dr.R.Rajeswari, Associate Professor, Department of Computer Applications, School of Computer Science and Engg, Bharathiar University, Coimbatore.	Guest Lecture
4	05.12.2019	Motivational talk on “Women Empowerment”	Mr.Venkatesan Rajagopal, Project Director, Ebix Software India Private Limited,Coimbatore	Association Meeting
5	10.03.2020	Operations Research - What? & Why?	Dr. Hannah Revathy F Dean, School of Science and Humanities Sri Ramakrishna College of Arts & Science Coimbatore	Association Meeting

**WORKSHOPS, SEMINARS, CONFERENCES, SYMPOSIUMS, HANDS ON TRAININGS**

**ORGANISED BY THE DEPARTMENT**

<b>S. No</b>	<b>DATE</b>	<b>TOPIC</b>	<b>RESOURCE PERSON</b>	<b>EVENT</b>
<b>1</b>	29.08.2019	Photography in Graphic Designing	Mr.S.Thiagarajan, Operations Head, IMAGE Institute of Multimedia, Arts and Graphic Effects, Coimbatore	One Day Workshop
<b>2</b>	11.01.2020	Current Tenors in Graph Theory	<ol style="list-style-type: none"> <li>1. Dr.M.G.Karunambigai, Assistant Professor, Dept of Mathematics, Sri Vasavi College, Erode,</li> <li>2. Dr. S. Aparna Lakshmanan, Assistant Professor, Dept of Mathematics, St.Xavier's College for Women, Aluva, Kerala</li> <li>3. Dr.S.Uma Maheswari, Associate Professor, Dept of Mathematics, CMS College of Science and Commerce, Coimbatore</li> </ol>	One Day National Seminar
<b>3</b>	07.02.2020	Enactments of Mathematics in various Domains	<ol style="list-style-type: none"> <li>1. Mr.Baskar Chinnusamy, Vice President, Cyber Security Services, Wilmington, Delaware, USA</li> <li>2. Mrs. Lakshmi Priya Chandrasekaran, Medical Coder, Quality Diagnostic Lab, Abu Dhabi.</li> <li>3. Dr. Rayees Rafiq Sheikh, Post Doctoral Research Scholar, Dept. of Pharmacology, University of Illinois, Chicago, USA</li> </ol>	International e-Conference

			4. Mrs. Josy Praveena, JD consultant, Wipro Technologies, Germany	
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### MOU/LINKAGES WITH INDUSTRIES

S.No	Date	Department	Name of the Industry Institute	Purpose
1	23.07.2018 (Valid for 5 years)	Mathematics (SF)	Institute of Multimedia Arts And Graphic Effects (“IMAGE CREATIVE EDUCATION”), Avinashi Road, Coimbatore-18.	To conduct Workshops, Lectures, Technical Training and Career Guidance Programmes for the enhancement of the students and to make them skilled for job placements.

### EXPOSURE VISITS

S. No	DATE	CLASS	PLACE	No. of days	No of students	Type
1	17.08.2019	I B.Sc Maths(SF)	Maths coaching to Govt. school children	1	21	Visit to Kangeyamp alayam
2	21.08.2019 to 25.08.2019	III B.Sc Maths(SF)	Mysore, Bangalore & Coorg	5	32	Educational Tour
3	28.01.2020	I B.Sc Maths(SF)	Anaikatti	1	24	EVS Trip

**BEST PRACTICES OF THE DEPARTMENT**

SL. No.	DATE	DEPT	ACTIVITY
1	05.03.2020	Mathematics (SF)	Dumb Box Collection - Orphanage/ Oldage Home Visit-Cheshire Home, Sowripalayam

**ACTIVITIES RELATED TO FACULTY MEMBERS  
FACULTY MEMBERS AWARDED Ph.D.,**

S. No	Name of the Staff	Date of Regn	Date of Viva-Voce	Title	Name of the Supervisor
1	Dr. L.Elвина Mary	Nov 2014	09.03.2020	Study on $(1,2)*\alpha*$ Closed sets in Bi-topological Spaces	Dr. A.Devika

**FACULTY WHO HAVE RECOGNITION FOR GUIDING M.Phil.& Ph. D**

S. No	Name of the Staff	Date of Recognition	Name of the University	Official Communication No.
1	Dr.G. Sindhu	25/07/2018	Bharathiar University	29654/A2/2018 Dated:25/07/2018
2	Mrs.L.Elвина Mary	09/05/2005	Bharathiar University	190-2/A2/2005 Dated:09/05/2005
3	Mrs.K.Vaiyomathi	25/03/2011	Bharathiar University	7410/A2/2011 Dated:25/03/2011

**REFRESHER, ORIENTATION COURSE, FDP AND TRAINING PROGRAMME  
ATTENDED BY THE FACULTY**

S.No	Date	Name of the faculty	Title	Organized by
1	30.10.2019	1. Dr.G. Sindhu 2. Ms.C.Priyadharshini Infanta	FDP on Innovative	CDC

		3.Ms.K. Vaiyomathi 4.Dr.L. Maria Presenti 5.Ms.S. Mythili	Teaching Strategies	
2	22.02.2020	Dr.G. Sindhu	Revised Guidelines for the Accreditation Process of NAAC	<b>IQAC</b>
3	07.03.2020	Dr.G. Sindhu Dr.L.Elвина Mary Ms.K.Vaiyomathi Dr.L.Maria Presenti Ms.S.Mythili Ms.M.Emima Nimcy	Revised Guidelines for the Accreditation Process of NAAC	<b>IQAC</b>
4	19.03.2020	Dr.G. Sindhu Dr.L.Elвина Mary Ms.K.Vaiyomathi Dr.L.Maria Presenti Ms.S.Mythili Ms.M.Emima Nimcy	Innovative Eco-systems, Incubation centres and Start-Ups for Higher Education Systems	<b>IQAC</b>

#### **PUBLICATION BY THE FACULTY IN JOURNALS**

<b>S. No</b>	<b>Year</b>	<b>Name of the faculty</b>	<b>Topic</b>	<b>Name of the Journal</b>	<b>Vol No, Issue No, Pg No with ISSN</b>	<b>Impact factor</b>	<b>Indexing Details</b>
1	2019 - 2020	Dr.G.SINDHU	Characterization of a new form of Kernel set in Topological spaces	International Journal of Scientific Research and Review	Vol-8, Issue-6,2019 , 740-747	6.946	UGC approved
2			Intuitionistic fuzzy soft gb-closed and gb-open sets in intuitionistic fuzzy soft	INFOKAR A Research	Vol-8, issue-10, 2019, 540-554	5.3	UGC CARE approved

			topological spaces				
3			Neutrosophic Regular Generalized Star B-Closed Sets In Neutrosophic Topological Spaces	The International journal of analytical and experimental modal analysis	Vol-11 issue-11, 2019, 73-79	6.3	UGC CARE Group II (Scopus indexed till 1992)
4		Mrs.L.Elвина Mary	“(1,2)*- $\alpha^*$ -Normal spaces”	The International journal of analytical and experimental modal analysis	Vol-11 issue-10, 2019, 2256-2262	6.3	UGC CARE Group II (Scopus indexed till 1992)
5		Mrs.C.Priyadhrshini Infanta	“Transient Analysis of M/M/C queue having I customer in the beginning with heterogenous server under catastrophes and balking”	The International journal of Scientific Research and Review	Vol-8, issue-4, 2019, 791-796	6.946	UGC approved
6			“Transient Analysis of M/M/C queue with multiple working vacations and customers impatience”-	The International journal of analytical and experimental modal analysis-	Vol-11 issue-10, 2019, 2250-2255	6.3	UGC CARE Group II (Scopus indexed till 1992)
7		Mrs. K.Vaiyomathi	“A characterization of Neutrosophic	The International journal of Scientific	Vol-8, issue-4, 2019,	6.946	UGC approved

			infra b- open set in Neutrosophic infra topological space”	Research and Review-	548-556		
8		Dr.L.Maria Presenti	“On Vague volterra spaces”	Indian Journal of Applied research,	vol-9, issue-4, 2019, 73-76	0.14	Google Scholar, ICI, Research Gate
9			Application of vague set in the selection of suitable fish for aqua culture	The International journal of analytical and experimental modal analysis-	Vol-2. issue-10, 2019, 2088-2091	6.3	UGC CARE Group II (Scopus indexed till 1992)
10		Mrs.S.Mythili	Vague max min composition technique in medical diagnosis	The International journal of analytical and experimental modal analysis-	Vol-11. issue-11, 2019, 69-72	6.3	UGC CARE Group II (Scopus indexed till 1992)

#### OTHER ACADEMIC CONTRIBUTIONS – FACULTY

S. No	Date	Name of the Faculty	Nature of Work	Institution
1	21.02.2020	Dr.G. Sindhu	Judge for Mathematical Model Competition	Vivekam Senior Secondary School, Saravanampatty, Coimbatore