ACTIVITY

2017-2018

S.No.	Name of the Programme	Theme / Topic	Details of Resource Person	Details of Beneficiaries
		WORKSHOP		
1.	**Differential Equations and their Applications**	Introduction to ordinary differential equations	**Dr. A.Tamilselvan** Associate Professor & Head, Department of Mathematics, Bharathidasan University, Tiruchirappalli.	**241** Faculty Members, Research Scholars and B.Sc., Students from Mathematics, Physics, Chemistry 105 students and 4 faculty from outside colleges
		Some Applications of Differential Equations to control Problems	**Dr. K.Sakthivel** Assistant Professor, Department of Mathematics, Indian Institute of Space Science & Technology, Tiruvanandapuram.	
		Fundamentals of partial Differential Equations	**Prof. R.Sahadevan** Ramanujan Institute of Advanced Studies, University of Madras, Chennai.	
2.	**Discrete Mathematics and it's Applications**	Application of graphs in Engineering	**Dr. T. Govindan** Assistant Professor, Department of Mathematics, Government College of Engineering, Bargur.	**140** Faculty Members, Research Scholars, III B.Sc., Mathematics Students 35 students and 5 faculty from outside colleges
		Decomposition of Graphs – An Introduction	**Dr. M.G.Karunambigai** Assistant Professor, Department of Mathematics, Sri Vasavi College, Erode.	
		Application of Frames	**Dr. A.Muthusamy** Professor, Department of Mathematics, Periyar University, Salem.	
		Types of Colorings in Graphs	**T. Kavaskar** Assistant Professor, Department of Mathematics, Central University of Tamilnadu,	

				Tiruvarur.
		Applications of Graph Theory	**Prof. R. Balakrishnan** Adjunct Professor, Department of Mathematics, Bharathidasan University, Tiruchirappalli.	

INTER-DEPARTMENTAL WORKSHOP

3.	**Diet Optimization using Linear Programming**	Diet Optimizations using Linear Programming	**Mr. T. Sakthivel** Sri Mookambika Infosystems Sivakasi.	**107** Faculty Members from Department of Mathematics and Nutrition and Dietetics, Research Scholars and III B.Sc., Mathematics and N&D Students
		Nutrioptimizer – a Diet Optimizing Tool	**Mrs. T. Sivasankari** Sri Mookambika Infosystems, Sivakasi.	

HANDS-ON TRAINING

4.	**SageMath**	Introduction to Sagemath	**Dr.P.S.Srinivasan** Assistant Professor, Bharathidasan University, Tiruchirappalli.	**60** Faculty Members and I B.Sc., Mathematics Students

SEMINAR

5.	**Interaction with International Experts**	Wikipedia in Education	**Dr. Vassia Atanassova** Bulgarian Academy of Sciences, Bulgaria.	**185** Faculty Members, Research Scholars and I B.Sc., Mathematics Students
		Taylor's series and Binomial series	**Prof. Taekyun Kim** Kwangwoon University, South Korea.	
		Linear Programming Problem using Graphical method	**Dr. R. Shiv Prasad Yadav** Professor, IIT, Roorkee.	
		Moving Targets Detection and Parameter Estimation in Randomly Arriving Impulse Interference	**Dr. Lyubka Atanassova Doukovska** Bulgarian Academy of Sciences, Bulgaria.	

		Eigen values and eigen vectors	**Dr. Poonam Kumar Sharma** Associate Professor, D.A.V. College, Punjab.	
		Logical innovation in Automation	**Prof. N.Palaniappan** Retired Professor, Alagappa University, Karakudi.	
6.	**Bio-Mathematical Modelling**	Genetic Engineering and Genetically Modified Organisms	**Dr. Rex Arun Raj** Associate Professor, Department of Genetic Engineering, SRM University, Chennai.	**191** Faculty Members, Research Scholars, I B.Sc., Mathematics and II B.Sc., Mathematics Students 18 students from outside colleges
		Role of Fractional Calculus in Bio-Modelling	**Dr. P.S. Sehik Uduman** Professor & Dean Department of Mathematics & Actuarial Science, Abdur Rahman University, Chennai.	

GUEST LECTURE PROGRAMME

7.	**Special Lecture**	Real Analysis	**Dr. G.P .Youvaraj** Director & Head Ramanujan Institute od Advanced Studies in Mathematics, University of Madras, Chennai.	**75** Faculty Members, Research Scholars and III B.Sc., Mathematics Students
8.	**Special Lecture**	Inner Technology	**Mr. K. Parivallal** DMW CNC Centre, Perundurai.	**170** Faculty Members, Research Scholars and I,II,III B.Sc., Mathematics Students

FACULTY DEVELOPMENT PROGRAMME

9.	**FDP**	Complex Analysis	**Dr. S.Ponnusamy** Professor, Indian Statistical Institute, Chennai	**32** Faculty Members, Research Scholars & III B.Sc., Mathematics Students

NATIONAL LABORATORY VISIT

10.	**Radio Astronomy Centre** National Centre for Radio Astrophysics , Tata Institute of Fundamental Research, Udhagamandalam, Ooty	**62** Faculty Members, II B.Sc., Mathematics Students

PARTICIPATION IN SEMINARS/CONFERENCES/WORKSHOPS

S.No.	Programme	Venue	Details of Beneficiaries
	FACULTY		
1.	STEM Teacher Training Workshop on Research Based Pedagogical Tools	Sacred College, Kochi, Kerala	**01** Faculty Member **(Level 1)**
2.	STEM Teacher Training Workshop on Research Based Pedagogical Tools	Indian National Science Academy, New Delhi.	**01** Faculty Member **(Level 2)**
3.	International Conference on "Recent Trends in Mathematics and Information Technology"	Avinasilingam Institute for Home Science and Higher Education for Women, Coimbatore.	**02** Faculty Members
4.	National Seminar on "Current Prospective in Food Science and Chemistry"	Department of Chemistry and Department of Nutrition & Dietetics,Vellalar College for Women, Erode.	**03** Faculty Members
5.	Symposium on "Strategies and Challenges in Eco-restoration"	Department of Zoology, Vellalar College for Women, Erode.	**04** Faculty Members

S.No.	Programme	Venue	Details of Beneficiaries
6.	DBT – STAR College Scheme funded Seminar on "In Silico Biology: A Techno-Progressive Strategy"	Department of Botany & Department of Computer Science, Vellalar College for Women, Erode.	**02** Faculty Members
7.	International Conference on "Advances in Applicable Mathematics"	Department of Mathematics, Bharathiar University, Coimbatore	**01** Faculty Member
8.	Faculty Development Programme on "Cloud Computing With Amazon Web Services"	Department of Computer Science, Vellalar College for Women, Erode.	**01** Faculty Member
STUDENTS			
1.	Intercollegiate meet " Equate 18"	Department of Mathematics, Kaamadhenu College of Arts & Science	**2** students of III B.Sc., Mathematics won the first prize in Quiz Competition