



Theivanai Ammal College for Women

(Permanently Affiliated to the Thiruvalluvar University - Vellore)
(Accredited by NAAC (3rd Cycle) with CGPA of 3.2/4 at 'A' Grade), (Recognized under 2(f) and 12(B) by UGC)
DST FIST Sponsored College under 'College as a whole' Scheme
Villupuram - 605401, Tamilnadu.



PG & Research Department of Mathematics

ACADEMICS ACTIVITIES

DEPARTMENT STATE \NATIONAL LEVEL SEMINAR \WORKSHOPS

YEAR	DATE	SEMINAR	RESOURCE PERSON	NO OF BENEFICIARIES
2020-2021	29.01.2021	Recent Developments in Cryptography (National Level)	Dr.Suresh Singh, Professor and HoD, University of Kerela, Thiruvananthapuram.	235
2019-2020	30.08.2019	Recent Trends in Applied Mathematics (National Level)	Dr.Y.Rameshwar, Assistant Professor, Department of Mathematics, Osmania University, Hyderabad	400



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YEAR	DATE	SEMINAR	RESOURCE PERSON	NO OF BENEFICIARIES
2018-2019	08.02.2019	National Workshop on Essentials of Thesis Writing and Hands on Training in Octave	Prof C K Ramaiah, Dean(i/c),School of Performing Arts Department of Library & Information Science, Pondicherry University, Pondicherry. Mr.Raushan Kumar Singh, Director Spectrum Solutions, Pondicherry.	150
2017 - 2018	01.02.2018	Recent trends in Mathematical Modeling & Soft Computing (National Level)	Dr.Udhayakumar, HOD, Gandhigram Deemed University.	109
2016 - 2017	06.01.2017	Fuzzy modeling and its Application (State Level)	Dr.N.LakshmanaGomathiNayagam, MIT, Trichy	106
2015 - 2016	25.02.2016	Cryptography and its Application (National Level)	Dr.N.Chandramouliswaran, Professor & Dean of Applied Science, North Cap University, Delhi	76



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WEBINARS CONDUCTED

YEAR	DATE	TOPIC	RESOURCE PERSON	NO. OF VIEWERS
2020-2021	21.10.2020	Numerical Solution of Navier Stokes Equations	Mr.P.Muthu, Associate Professor, NIT WARANGAL	1612
	26.05.2021	Modelling And Solving Graph Colouring Problems Using Grin Software.	Dr. T. Venugopal Professor Director of PG Studies Sri SathyaSai University for Human Excellence Karnataka.	1789



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INVITED LECTURES THROUGH VIDEO CONFERENCING

YEAR	DATE	TOPIC	RESOURCE PERSON	NO. OF BENEFICIARIES
2015-2016	11.09.2015	Fuzzy Set Theory and its Applications	Dr.Felbin C Kennedy Associate Professor, Department of Mathematics, Stella Maris College, Chennai.	100 (PG &M.Phil Students)
	18.02.2016	Strategies of Intuitionistic Fuzzy Decision Making Problems	Dr.P.John Robinson Assistant Professor, Department of Mathematics, Bishop Heber College, Thiruchirapalli.	373 (UG,PG &M.Phil Students)
	26.02.2016	Quavering Models and its Applications	Dr.Sudhesh, Associate Professor, Department of Mathematics, BIT Campus, Tiruchy.	373 (UG,PG &M.Phil Students)
	21.03.2016	Mathematical Modeling in Differential Equation	Mr.RajeswariSeshadri, Associate Professor, Department of Mathematics, Pondicherry University, Pondicherry.	300 (I & II UG Students)



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YEAR	DATE	TOPIC	RESOURCE PERSON	NO. OF BENEFICIARIES
2016-2017	12.09.2016	Fractional Differential Equations	Dr. S. Rubanraj, Associate Professor & Head, Department of Mathematics, St Joseph's College, Tiruchirappali.	544 (UG, PG & M.Phil Students)
	24.11.2016	Graph Model & its Application	Dr. Ezalamaran Devarasan, Assistant Professor (Senior), VIT University, Vellore.	544 (UG, PG & M.Phil Students)
	01.02.2017	R Software	Dr. M. Paramasivam, Assistant Professor, Department of Mathematics Bishop Heber College (Autonomous), Thiruchirappalli.	544 (UG, PG & M.Phil Students)
	07.03.2017	Modeling in Differential Equations	Dr. Rejeswari Seshadri, Associate Professor, Department of Mathematics, Pondicherry University, Pondicherry.	544 (UG, PG & M.Phil Students)



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YEAR	DATE	TOPIC	RESOURCE PERSON	NO. OF BENEFICIARIES
2017-2018	21.08.2017	Significant Concept of Graph Theory in Computer Science	Dr.EzhilmaranDevarasan, Assistant Professor Senior, VIT University, Vellore.	460 (UG, PG &M.Phil Students)
	19.12.2017	Astronomy in Research	Dr.Rubanraj, Associate Professor, Department of Mathematics, St.Joseph College, Tiruchirapalli.	490 (UG, PG &M.Phil Students)
	19.02.2018	Erlangian Queuing Models	Dr.Sudesh, Associate Professor, Department of Mathematics, BIT Campus, Tiruchirapalli.	490 (UG, PG &M.Phil Students)
	22.02.2018	Differential Equations and its Applications	Dr.S.Dineshkumar, Assistant Professor , Department of Mathematics, School of Advanced Science, VIT-University, Vellore.	490 (UG, PG &M.Phil Students)
2018-2019	06.12.2018	Lie Algebra and its Applications	Dr.K.Priyadharshini, Assistant Professor, DG Vaishnav College, Chennai.	446 (UG, PG &M.Phil Students)
	01.02.2019	Numerical Analysis to Differential Equations	Dr.S.Paramasivam, Associate Professor Bishop Heber College, Tiruchirapalli.	450 (UG, PG &M.Phil Students)



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YEAR	DATE	TOPIC	RESOURCE PERSON	NO. OF BENEFICIARIES
	08.03.2019	Applications to Linear Algebra	Dr.Ezilmaran, Associate Professor, VIT University, Vellore .	450 (UG, PG &M.Phil Students)
	06.12.2018	Lie Algebra and its Applications	Dr.K.Priyadharshini, Assistant. Professor, DGVaishnavCollege, Chennai.	446 (UG, PG &M.Phil Students)
2019-2020	26.7.2019	A Subfamily of Holomorphic Functions	Dr.WasimUlHaq, Assistant Professor, Department of Mathematics, Majmaah University, Saudi Arabia.	389 (UG, PG &M.Phil Students)
	19.09.2019	Graph Labeling	Dr.K.AmeenBibi, Associate Professor, Department of Mathematics, DKM College for Women (Autonomous), Vellore-632001.	389 (UG, PG &M.Phil Students)
	21.01.2020	Fuzzy Set Theory and its Applications	Dr.Ezhilmaran, Associate Professor, VIT University, Vellore.	389 (UG, PG &M.Phil Students)
	18.02.2020	Applications on Differential Equations	Dr.Peter Gavin Lawrence Leach, Professor Emeritus, School of Mathematics, Statistics and Computer Science, University of Kwazulu- Natal, Durban.	389 (UG, PG &M.Phil Students)



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YEAR	DATE	TOPIC	RESOURCE PERSON	NO. OF BENEFICIARIES
2020-2021	04.02.2021	Graph theory and its Applications	Dr. Anita Pal, Associate professor, Department of Mathematics,, National Institute of Technology, Durgapur, West Bengal	III Maths (106) & II PG(44) + Faculty(5) [155]
	19.02.2021	The fundamental theorem of Algebra: three proofs using Complex Analysis methods	Prof. Teodor Bulboaca, PhD, DSc Faculty of Mathematics and Computer Science Babes-Bolyai University 400084 Cluj-Napoca Romania.	III Maths (106) & II PG(44) + Faculty(10) [160]

SUMMER INTERNSHIP

YEAR	CLASS & MAJOR	DATE	PLACE	NO. OF STUDENTS	OUTCOME
2018-2019	II B.Sc Mathematics	2.05.18 to 31.05.18	Indian Bank, Panruti Co-operative Bank, Villupuram Block Development Office, Koliyanur	7	Practiced on Management system and transaction procedure.



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INDUSTRIAL VISIT

Year	Date	Place of Visit	Observed	No.of.Beneficiaries
2015 - 2016	10.09.15	IMSC Library Taramani, Chennai.	To gain the knowledge about various books, journals and dissertation	55
	05.02.16	Library, Pondicherry University	To gain research Knowledge	55
	06.02.16	Library, Pondicherry University.	To gain research Knowledge	55
2016-2017	1.09.16	Chennai Mathematical Institute, Chennai	Students are motivated towards research.	47
	07.02.17	Birla Planetarium, Chennai	Students gained idea on Space and Astronomy	47
	14.03.17	Anna Planetorium, Trichy	Students gained idea on Space and Astronomy	47
2017-2018	12.09.17	Pondicherry university library	Students gathered information about university entrance exams, available journals in library and eBooks	55
	23.01.18	Anna Planetorium, Trichy	Students gained space related knowledge	48
	16.02.18	Indian Institute of Mathematical Science, Tharamani Chennai.	Students referred journals and gained knowledge about that institute	48



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Year	Date	Place of Visit	Observed	No.of.Beneficiaries
2018-2019	13.10.2018	Saraswathy Mahal (Library) &Ramanujan House, Tanjore	To collect rare kinds of books	54
	16.10.2018	Saraswathy Mahal (Library) &Ramanujan House, Tanjore	Inspiration of visiting Ramanujan house	50
	29.09.2018	Saraswathy Mahal (Library) &Ramanujan House, Tanjore	To Collect Journals	55
2019-2020	20.08.2019	Chennai Mathematical Institute, Chennai	Students are motivated towards research	53
	22.08.2019	Institute of Mathematical Science, Chennai	Students referred journals and gained knowledge about that institute	55
	23.01.2020	B.M Birla Planetarium, Chennai	Students gained idea on Space and Astronomy	55
2020-2021	15.03.2021	Yercaud	Students are Motivated in Small Scale Industry	122



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PG SERVICE LEARNING

Year	Name of the School	No.of.Beneficiaries
2015-2016	Government Girls Higher Secondary School,Villupuram	44
2016-2017	Government Girls Higher Secondary School,Villupuram	32
2017-2018	Government Model Girls Higher Secondary School,Villupuram	28
2018-2019	Government Model Girls Higher Secondary School,Villupuram	31
2019-2020	Government Model Girls Higher Secondary School,Villupuram	44
2020-2021	Government Model Girls Higher Secondary School,Villupuram	11
	Kamaraj Municipal Higher Secondary School, Villupuram	11
	B.N.Thoppu Higher Secondary School, Villupuram	11
	Keelpermbakkam Higher Secondary School,Villupuram	11