


PROFILE

Name	Dr. M. AZHAGAPPAN		
Department	MATHEMATICS		
Designation	ASSOCIATE PROFESSOR & HEAD		
Date of Birth	15.05.1972		
Mobile Number	9443918180		
Email	mazhagappan72@gmail.com		
Teaching Experience	UG: 22	PG: 15	

EDUCATIONAL QUALIFICATIONS

S.No.	Qualification	Institution	Board/ University	Year of Passing	Division/ Grade
1	Ph.D.,	Madurai Kamaraj University	Madurai Kamaraj University, Madurai	2017	—
2	M.Phil.,	School of Mathematics, Madurai Kamaraj University	Madurai Kamaraj University, Madurai	1996	First
3	M.Sc.,	School of Mathematics, Madurai Kamaraj University	Madurai Kamaraj University	1995	First
4	B.Sc.,	Yadava College, Madurai	Madurai Kamaraj University, Madurai	1993	First

WORK EXPERIENCE

S. No	Name of the Institution/Organisation	Designation	Nature of Work	Period
1.	J.A. Arts and Science College, Chennai	Assistant Professor	Teaching	5 years
2.	Yadava College, Madurai	Assistant Professor	Teaching	July 2005 Onwards

PUBLICATIONS

S. No	Title of the Paper	Name of the Journal /Book/ Proceedings	Journal/ Book/ Proceedings	Volume and No	Page Nos	ISSN/IS BN No
1	Notes on Bipolar valued Fuzzy rw-closed and rw opening in BVBTs	International Journal of Mathematical Archive	Journal http://www.ijma.info/index.php/ijma/article/view/4134	Vol.7 No.3, 2016	Page 30-36	ISSN 2229-5046
2	Bipolar Valued fuzzy rw –closed and rw open sects	Bulletin of Mathematics and Statistics research Issue 1	Journal http://www.bomsr.com/4.1.16/146-152%20M.AZHAGAPPAN.pdf	Volume 4, Issue 1. 2016 (Jan-Mar)	Page 142-156	ISSN 2348-0580
3	Applications of Fuzzy Mathematics	Souvenir of the National Seminar on “Recent Trends in Applied Mathematics”	Proceedings	Volume 1, 11 th January, 2020	Page 12-13	—

GOVERNMENT FUNDED PROGRAMMES – ORGANISED

S. No.	Name of The Seminar/ Conference/ Workshop	Organizing Capacity	Sponsor	Period/ Date
1	Mini-MTTS 2016 (Mathematics Training and Talent Search Program)	Local Coordinator	National Board for Higher Mathematics(NBHM) Government of India (Rs.3.5 Lakhs)	27.11.2016 to 03.12.2016
2	Mini-MTTS 2017 (Mathematics Training and Talent Search Program)	Local Coordinator	National Board for Higher Mathematics(NBHM) Government of India (Rs.3.5 Lakhs)	27.11.2017 to 02.12.2017

CONFERENCE/WORKSHOP/SEMINAR – ORGANISED

S. No.	Name of The Seminar/ Conference/ Workshop	Organising Capacity	Resource Person	Period/ Date
1	How to prepare CSIR / NET / SET Examinations	Head of the Department	Mr. Gnanaprakasam Assistant Professor in Mathematics The American College Madurai	01.03.2013
2	Award Ceremony 2013	Head of the Department	Prof. VCS. Immanuvel, Prof. R. Rama Pandi, Prof. M. Subbiah doss, Prof. K. Kannan and Prof P. Ganesh Babu	04.03.2013

S. No.	Name of The Seminar/ Conference/ Workshop	Organising Capacity	Resource Person	Period/ Date
3	Life Skill Training on Empowering Youth	Head of the Department	JFM Soma Nagalingam Director Nikhil Foundation Thiruppalai Madurai	07.03.2013
4	Empowering Youth	Head of the Department	JFM Soma Nagalingam Director Nikhil Foundation Thiruppalai Madurai	13.02.2014
5	Inter Collegiate meet 'YC-MATA' 2K14	Convener	Dr. K. Alagar Principal i/c Yadava College Madurai.14	28.02.2014
6	Award Ceremony 2K14	Head of the Department	Aaththi Soodi J.Jeyaraman M Sc., M.B.A Programme Manager, Hello-FM	11.03.2014
7	Seminar on "Recent Trends in Mathematics"	Head of the Department	Dr. P. Sundaram, Principal, NGM College, Pollachi	22.04.2014

S. No.	Name of The Seminar/ Conference/ Workshop	Organising Capacity	Resource Person	Period/ Date
8	Department Celebrations	Head of the Department	Ramanujam Math Fest	22.12.2014
9	Life Skill Training on Self Analysis, Goal Setting and Personality Development	Head of the Department	JFM Soma Nagalingam Director, Nikhil Foundation, Thiruppalai, Madurai	23.01.2015
10	Seminar on "Modern Algebra"	Head of the Department	G Nagamani, Assistant Professor, Department of Mathematics, Gandhigram Rural Institute, Dindigul	20.03.2015
11	Seminar on "Mathematical Analysis"	Head of the Department	Dr G Santhanam Associate Professor Department of Mathematics Statistics Indian Institute of Technology Kanpur	13.07.2015
12	IMPACT 2015, Orientation Programme for Freshers	Head of the Department	Mr. U. Sagayam Vice Chairmen, Science City Chennai	31.07.2015

S. No.	Name of The Seminar / Conference / Workshop	Organising Capacity	Resource Person	Period / Date
13	Seminar on “Basic Concept of Mathematics”	Head of the Department	K Arjunan, Assistant Professor, Department of Mathematics H H The Rajah's College Pudukkottai.	24.02.2016
14	How to Prepare for NET SET Competitive Exams	Head of the Department	G Subramanian Assistant professor Department of Mathematics GTN Arts College, Dindigul.	05.02.2016
15	Award Ceremony 2016	Head of the Department	Mr K.Nagendran, CEO,GBS Systems & Services, Chennai	30.03.2016
16	“Dental Camp & happy Life Style” at Veerapandi Village	Head of the Department	Dr. T. Jones Raja Deva thambi M.D.S, Oral Medicine and Radiologist, JL Tooth & Care, Tiruppalai, Madurai- 14.	07.04.2016
17	Life Skill Training Programme for Freshers	Head of the Department	P. Thanigaivel Pandian Trustee, NIKHIL Foundation	09.08.2016

S. No.	Name of The Seminar/ Conference/ Workshop	Organising Capacity	Resource Person	Period/ Date
18	Impact 2016 - An Orientation Programme	Head of the Department	Prof .M. Ramasamy Nija Nadaka Iyakkam	15.09.2016
19	Functions and Limits for NET/SET Examinations	Head of the Department	Dr.S. Balamurugan Asst Professor, Government Arts College, Melur	12.01.2017
20	Seminar on Algebra Structures	Head of the Department	Dr. K. Muthukumaran Associate professor PG and Research Department of Mathematics SN College Madurai	27.12.2017
21	How to prepare for Competitive Examinations	Head of the Department	Mr. K Manikandan, Director, Grow Yourself Organization, Madurai	13.03.2018
22	Award Ceremony- 2017 & 2018	Head of the Department	Award Ceremony Chief guests: 1. Prof.VCS Immanuel 2. Prof. T. Rama pandi 3. Prof. M. Subbiah Doss 4. Mr. Parthasarathy	10.04.2018

23	Recent Trends in Algebra	Head of the Department	Dr. M.KAMARAJ M.Sc., M.Phil., Ph.D., PRINCIPAL & ASSOCIATE PROFESSOR GOVT. ARTS AND SCIENCE COLLEGE SRIVILLIPUTHUR-626 125	15.02.2019
24	Basic Concepts of Area and Volume	Head of the Department	Dr.T.Asir Assistant Professor and Head, Department of Mathematics-DDE, Madurai Kamaraj University, Madurai	20.02.2019 10 AM
25	Soft Skill and Basic DBMS	Head of the Department	Mr. A.Kannan Professor Mr. R.Somas Kandan Associate Professor MCA Department K.L.N. College of Engineering Madurai	20.02.2019 02:30 PM
26	Award Ceremony 2019	Head of the Department	Award Ceremony Chief guests: 1. Mr K.Gandhi 2. Mr P.B. Gurubaran 3. Mr. R.Dhakshinamoorthy	13.04.2019
27	Alumni Meet (2004 to 2007) on the occasion of National Mathematics Day	Students of Alumni 2004 to 2007 and Department of Mathematics, Yadava College	Retired Professors and Faculties of Department of Mathematics	22.12.2019
28	Break the Barriers	Head of the Department	JFM Soma Nagalingam Director, Mr. K.Neethirajan Nikhil Foundation, Thiruppalai, Madurai	10.03.2020
29	Rough Set: A Tool for Qualitative Knowledge Discovery	Convener	Dr. M. Gilbert Rani Assistant Professor Department of Mathematics, Arul Anandar College, Karumathur Madurai.	05.07.2020

30	Fractal Analysis and its Applications	Head of the Department	Dr. R. Uthayakumar Professor and Head Department of Mathematics The Gandhigram Rural Institute Gandhigram-624 302	23.05.2022
31	Career Paths in Mathematics	Head of the Department	Dr. V. Ramachandran Assistant Professor P.G and Research Department of Mathematics M.T.N College Madurai-625 004	14.10.2022
32	Interesting and Amazing MATH Facts	Head of the Department	Dr. P.Veerammal Associate Professor Department of Mathematics, Saraswathi Narayanan College, Madurai - 625022	23.03.2023
33	Shortcut and Easy Way to Multiply Two and Three digit Numbers and Vedic Mathematics at Govt. High School, Oomachikulam, Madurai	An Extension Programme	Dr. M. Azhagappan Associate Professor and Head, Department of Mathematics Yadava College, Madurai	29.03.2023
34	FUTURE IS YOURS	Head of the Department	Mr K. S. ASHWATH BABU Life Skill Coach & HRD Trainer Nikhil Foundation, Madurai	30.03.2023

RESOURCE PERSON

S.No	Whether Speaker/ Moderator/ Panelists	Title of the Presentation	Title of the Seminar/ Conference/Workshop	Organizing Institution and Place	Date
1	Speaker	Inaugural Address in the X Inter-Collegiate Meet	APEX MATH-2011	NMS Sermathai vasan College for Women, Madurai	05.08.2011
2	Speaker	Inaugural Address in Inter-Collegiate Cultural Competitions	MATH-TALENTIA 2013	Penial Rural College of Education, Vemparali. Dindigul.	12.04.2013
3	Guest Lecture	Think Out of the Box	Mathematics Association Meeting	Mannar Thirumalai Naicker College, Madurai	10.10.2016
4	Resource Person	Think Out of the Box	Virudhunagar District Cluster of Colleges Joint Faculty Programme in Mathematics	Devanga Arts College, Aruppukottai	24.12.2016
5	Resource Person	Think Different	Seminar	Senthamarai College of Arts and Science	28.12.2016
6	Chief Guest	Inaugural Address in the Inter-Collegiate Meet	MASTAS 2017	S.N College, Madurai	03.03.2017
7	Guest Lecture	Graph Theory and its Applications	Seminar	University College of Engineering, Dindigul.	15.10.2018
8	Judge	Science & Mathematics	46 J.N Nehru State Level Science & Mathematics Exhibition 2018-2019	OCPM Girls Higher Secondary School, Madurai	22.11.2018 to 24.11.2018

S.No	Whether Speaker/ Moderator/ Panelists	Title of the Presentation	Title of the Seminar/ Conference/Workshop	Organizing Institution and Place	Date
9	Chief Guest	Think Out of the Box	Mathematics Association Meeting	NMS Sermathai Vasan College for Women, Madurai	24.01.2019
10	Resource Person	Think Out of the Box	UG Association Validictory	The American College	13.03.2019
11	Speaker	Vedic Mathematics	Extension Activity Programme	Corporation High School, Tallakulam	15.03.2019
12	Resource Person	Think out of the Box	Mathematics Association meet	Government Arts College, Melur	26.03.2019
13	Resource Person	Graph Theory and its Applications	Guest Lecture	University College of Engineering, Dindigul	05.09.2019 & 06.09.2019
14	Resource Person	Graph Theory and its Applications	Guest Lecture	University College of Engineering, Dindigul	20.09.2019 & 21.09.2019
15	Speaker	Think out of the Box	Mathematics Association meet	Alagappa Goernment Arts College, Karaikudi	24.10.2019
16	Speaker	Think out of the Box	Association meet	NMS Sermathai vasan College for Women, Madurai	24.11.2019
17	Resource Person	Applications of Fuzzy Sets	National level Conference on "Recent Trends in Applied Mathematics"	VHNS College, Virudhunagar	10.01.2020
18	Resource Person	Applications of Fuzzy Mathematics	National Seminar	Syed Ammal Arts and Science College, Ramanathapuram	11.01.2020

S.No	Whether Speaker/ Moderator/ Panelists	Title of the Presentation	Title of the Seminar/ Conference/Workshop	Organizing Institution and Place	Date
19	Resource Person	Recent Trends in Applied Mathematics	National Seminar	Sonai Meenal Arts and Science College, Mudukulathur	24.02.2020
20	Speaker	Probability Theory	Webinar	Sri Vidya Mandir Arts & Science College	04.06.2020
21	Resource Person	MATHEMATICS - The Language of all Science	One week online workshop	Arulmigu Palaniandavar Arts and Culture, Palani.	12.06.2020 To 18.06.2020
22	Speaker	Applications of Fuzzy Mathematics	National Webinar	Pop's College Sawerpuram	22.06.2020
23	Speaker	Application of Differential Calculus in Engineering	WEBINAR	PSY Engineering College, Madurai	25.06.2020
24	Speaker	A Lecture on "Advances in Linear Algebra and Differential Equations"	Faculty Improvement Programme	Jamal Mohamed College, Thiruchirappalli	09.07.2020 & 10.07.2020
25	Speaker	Percentage	Aptitude Training Session 1	University College of Engineering, Dindigul	17.07.2020
26	Speaker	Enhancing the concepts of Sequences	National Webinar	S.N College, Madurai	20.07.2020
27	Speaker	Simple interest & Compound interest	Aptitude Training Session 2	University College of Engineering, Dindigul	23.07.2020

S.No	Whether Speaker/ Moderator/ Panelists	Title of the Presentation	Title of the Seminar/ Conference/Workshop	Organizing Institution and Place	Date
28	Speaker	Fundamentals of Linear Algebra	Inauguration of Ramanujan Association Activities	Kongu Arts and Science College, Erode.	25.07.2020
29	Speaker	Basic concepts of Modern Algebra	National Webinar	Dr Zakir Husain College, Ilayangudi	27.07.2020
30	Speaker	Permutation and Combination	Aptitude Training Session 3	University College of Engineering, Dindigul	28.07.2020
31	Resource Person	Enhancing Aptitude in Competitive Approach	Reanimating skills to the New normal	Fatima College, Madurai	29.07.2020 & 30.07.2020
32	Subject Expert	Interview Panel	Selection of Faculty Members for the Department of Mathematics	Madurai Institute of Social sciences, Madurai.	25.08.2020
33	Resource Person	Applications of fuzzy Sets and Fuzzy Logics	Virudhunagar District Cluster of Colleges Joint Faculty Programme in Mathematics	SFR College, Sivakasi.	05.12.2020
34	Resource Person	Think out of the Box	Faculty Development Program	PMT College, Usilam patti.	15.12.2020
35	Subject Expert	Interview	Selection of Mathematics Faculty	Madurai Institute of Social Sciences, Madurai	06.02.2021
36	Resource Person	Significance of Quantitative Aptitude in Computation	Quest Lecture	The Madura College, Madurai.	02.03.2021

S.No	Whether Speaker/ Moderator/ Panelists	Title of the Presentation	Title of the Seminar/Conference/Workshop	Organizing Institution and Place	Date
37	Resource Person	Fuzzy sets and fuzzy logics	FDP on Recent Trends in Mathematics	Vivekananda College, Tiruvedagam West, Madurai.	16.03.2021
38	Chief Guest	Fuzzy sets and fuzzy logics	Quest Lecture	PMT College, Usilam patti.	18.03.2021
39	Chief Guest	Introduction to Fuzzy Sets	Mathematics Association Meeting	Sri Meenakshi Govt. Arts College for Women, Madurai	17.04.2021
40	Resource Person	Gateway to Success	Webinar organized by Department of Mathematics	SFR College, Sivakasi.	11.06.2021
41	Resource Person	Motivational speech	Mathematics Association Meeting	Arul Anandar College, Karumathur Madurai.	27.09.2021
42	Resource Person	Motivational speech	Mathematics Association Meeting	GTN Arts College, Dindigul.	29.10.2021
43	Resource Person	Nuances of solving Quantitative Aptitude in Competitive Examinations	Mathematics Association webinar and Institution's Innovation Council on account of National Education Day	Sri Sarada College for Women, Salem.	01.12.2021
44	Speaker	Life and Achievements of Ramanujan	National Workshop on Ramanujan Theory of Mathematics	Sri Vidya Mandir Arts & Science College, Uthangarai, Krishnagiri	22.12.2021

45	Chief Guest	“Ramanujan: A Man of Mathematics”	Inauguration of Mathematics Association and Ramanujan’s Birthday celebration	Saraswathi Narayanan College, Madurai.	29.12.2021
46	Subject Expert	Fuzzy sets and Fuzzy Logic	Webinar organized by Department of Mathematics	Sri Parasakthi College for Women, Courtallam	24.02.2022
47	Judge	National Conference on “Present Scenario in Mathematical Research (PSMR-2022)	PG and Research Department of Mathematics	Mannar Thirumalai Naicker College, Madurai	22.04.2022
48	Resource Person	Applications of Differential Equations	National FDP on Effective Teaching and Learning Methodologies for Differential Equations	PSGR Krishnammal College for Women, Coimbatore	25.04.2022
49	Resource Person	Orientation to Mathematics Teachers	Professional Development Program organized by the School Management	Chettinad Public School, Karaikudi	28.05.2022
50	Resource Person	Think out of the Box	Mathematics Association Meeting	Fatima College, Madurai	07.11.2022
51	Quiz Master and Chief Guest	Life and Achievements of Ramanujan	Mathematics Association – National Mathematics Day	Velammal Engineering College, Madurai	22.12.2022

52	Resource Person	Out of the Box Thinking for Problem Solving	Department of Mathematics in association with IIC (Institutions Innovation Counsel)	GTN Arts College, Dindigul.	15.02.2023
53	Chief Guest	Motivational speech	“ALGANA 2023” An Intercollegiate Competition	NMS S. Vellaichamy Nadar College, Nagamalai, Madurai	17.03.2023

SEMINARS/CONFERENCES/WORKSHOPS ATTENDED

S.No	Name of the Seminar/ Conference/ Symposia Workshop, etc.	Name of the Sponsoring Agency	Place	Date
1	Orientation Program	U.G.C	Academic Staff College Bharathidasan University Tiruchirappalli	20.05.2010 to 16.06.2010
2	Refresher Course in Mathematics	U.G.C	Academic Staff College M.K. University Madurai	01.02.2013 to 21.02.2013
3	Refresher Course in Mathematics	U.G.C	Academic Staff College M.K. University Madurai	03.02.2015 to 23.02.2015
4	UGC Sponsored Seminar on Applications of Graph Theory	U.G.C	Yadava College, Madurai	10.02.2005 & 11.02.2005
5	State Level Seminar on Quality Sustenance and Enhancement in the Accredited Period	NAAC	Department of Mathematics, Yadava College, Madurai	22.09.2005 & 23.09.2005
6	International Conference on Stochastic Modelling (ICSM09)	Alagappa University Karaikudi	Department of Mathematics, Alagappa University Karaikudi	12.02.2009 to 14.02.2009
7	National Seminar on Quality Enhancement Strategy – Excellence	NAAC	Yadava College Madurai	31.08.2009 to 01.09.2009
8	National Seminar on Recent Trends in Topology and it's Applications in Computer Science	Shri Sakthi Kailash Womens College, Salem.	Department of Mathematics, Shri Sakthi Kailash Womens College, Salem	23.01.2010
9	Two days teacher training program on Retraining of Teachers on English Language Skills and Personality Development	UGC	Yadava College, Madurai	15.02.2010 & 16.02.2010

S.No	Name of the Seminar/ Conference/ Symposia Workshop, etc.	Name of the Sponsoring Agency	Place	Date
10	One Day Seminar on Mathematical Analysis in honour of Prof V.Karunakaran	Directorate of Distance Education, Madurai Kamaraj University, Madurai	' A ' Block, DDE, Madurai Kamaraj University, Madurai	25.02.2010
11	State Level workshop on New Insights on Modern Topology	UGC	Department of Mathematics, Arulanandar College	01.03.2010
12	One Day State Level Seminar on Emerging Trends in General Topology and Analysis	Sri Kaliswari college, Sivakasi.	Department of Mathematics, Sri Kaliswari college, Sivakasi	21.09.2010
13	One Day Celebrating Life Training Program For RRC and NSS Program Officers	RRC and NSS,MKU	Madurai Kamaraj University, Madurai	10.03.2011
14	One Day Training Program for RRC Program Officers on Motivation to Voluntary Blood Donation	RRC and NSS,MKU	Madurai Kamaraj University, Madurai	08.09.2011
15	2 nd CPT Faculty Development Program	The Institute of Chartered Accountants of India(ICAI)	Centre of Excellence of ICAI, Hyderabad	17.05.2012 & 18.05.2012
16	77 th Annual Conference of the Indian Mathematical Society	SRTMU and IMS	School of Mathematical Sciences, SRTM University, Nanded, Maharashtra	27.12.2011 to 30.12.2011
17	One Day District Level Study Camp	Indian Red Cross Society	Vivekananda College, Thiruvudagam west, Madurai	31.01.2012
18	One Day Orientation and Review Program for RRC Program Officers	Red Ribbon Club, MKU, Madurai	Madurai Kamaraj University, Madurai	23.02.2012

S.No	Name of the Seminar/ Conference/ Symposia Workshop, etc.	Name of the Sponsoring Agency	Place	Date
19	National Seminar On Academic Leadership for Heads of Departments	Centre for Education Beyond Curriculam, Christ University, Bangalore	Christ University, Bangalore	26.09.2012 to 28.09.2012
20	Training Workshop on Science Popualarisation through Folk- Arts	NCSTC,DST, New Delhi	Yadava College, Madurai	06.11.2013 to 09.11.2013
21	Pedagogical Training for Mathematics Teachers (PTMT-2013)	National Board for Higher Mathematics (NBHM), Dept. of Atomic Energy, Govt. of India	Department of Mathematics, SSN College of Engineering, Kalavakkam, Chennai	20.11.2013 to 04.12.2013 (15 days)
22	Two Day Workshop for College Lecturers on Enriching Collegiate Mathematics	The Institute of Mathematical Sciences, Chennai	The Institute of Mathematical Sciences, Chennai	13.03.2014 to 14.03.2014
23	Training Workshop on Science Popularization through Folk- Arts	NCSTC,DST, New Delhi	Yadava College, Madurai	13.08.2014 to 16.08.2014
24	77 th Annual Conference of the Indian Mathematical Society	Indian School of Mines, Dhanbad, Jharkhand	Department of Applied Mathematics, Indian School of Mines, Dhanbad	27.12.2014 to 30.12.2014
25	One Day Orientation programme for RRC Programme Officers and Volunteers	Red Ribbon Club, Madurai Kamaraj University, Madurai	Madurai Kamaraj University, Madurai	16.02.2016
26	Refresher Program in Mathematical Sciences	MHRD, NEW DELHI	Indian Institute of Technology(IIT), Dhanbad, Jharkand	16.05.2017 to 06.06.2017 (21 days)
27	NPTEL Workshop	NPTEL, IIT, Madras	Thiagarajar College of Engineering, Madurai	02.01.2018

S.No	Name of the Seminar/ Conference/ Symposia Workshop, etc.	Name of the Sponsoring Agency	Place	Date
28	NPTEL Workshop	NPTEL, IIT, Madras	IIT, Madras	14.07.2018
29	Three-Day 'Train the Trainer' National Workshop on Creating Alternative Digital Teaching Learning Environment in Higher Educational Institutions	United Board for Christian Higher Education in Asia(UBCHEA)	Fatima College, Madurai	06.09.2018 to 08.09.2018
30	Seminar on "Democratic Secular and State funded Higher Education"	MUTA, Madurai	MDB Community Hall Nagercoil	22 .09.2018 & 23.09. 2018
31	NPTEL Workshop	NPTEL, IIT, Madras	IC&SR, IIT, Madras	10.01.2019
32	One Day Zonal Level Orientation Programme for YRC Programme Officers	Indian Red Cross Society, TamiNadu Branch	Madurai Kamaraj University, Madurai	07.03.2019
33	Training Program on "EAT Module of Public Financial Management System(PFMS) for HEI's"	UGC, SERO, Hyderabad	Lawrence Sundaram Auditorium, Loyoa College, Chennai	10.03.2019.
34	Orientation Session for NEET (UG)-2019	National Testing Agency, New Delhi	Dr D Premachandrasagar Auditorium, Dayananda Sagar Institute of Technology, Kumarasamy Layout, Bangaluru, Karnataka	17.04.2019
35	National Level Training on "Evauation Reforms in Higher Education"	UGC, SERO, Hyderabad	University of Hyderabad, Gachibowli, Hyderabad	18.07.2019 & 19.07.2019
36	National Workshop on "Training of Teachers for Student Induction Programme"	UGC, SERO, Hyderabad	Bharathiar University, Coimbatore	30.10.2019 & 31.10.2019
37	National Webinar on Revised Accreditation Framework of NAAC Quality Enhancement Practices in Higher Education	Under the AEGIS of UGC Paramarsh Scheme	S.S. Jain Subodh P.G (Autonmous) College Jaipur, Rajasthan	21.10.2020

S.No	Name of the Seminar/ Conference/ Symposia Workshop, etc.	Name of the Sponsoring Agency	Place	Date
38	National Webinar on NAAC Reaccreditation Process during Post Covid Scenario	IQAC	Yadava College, Madurai	10.11.2020
39	Webinar on Domination Theory in Graphs	Department of Mathematics on the occasion of National Mathematics Day	Dr. Shivanand Nautiyal Government Post Graduate College, Karanprayag, Chamoli (UK)	22.12.2020
40	Two weeks Inter-Disciplinary Refresher Course/FDP	Ministry of Education, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching, Govt. of India	Teaching Learning Centre, Ramanujan College, University of Delhi	02.06.2021 to 16.06.2021

E- CONTENT CREATED

S.No	Title of the Content	Type of Content	Link
1	Sequences and Series	YouTube Video	<ol style="list-style-type: none"> Infinite series Video Link: https://youtu.be/a1JtiSjbhqU Discuss the behavior of geometric series Video Link: https://youtu.be/S5nZlJed8vI Apply Cauchy's general principle of convergence to show that $\sum 1/n$ is not convergent. Video Link: https://youtu.be/vdZLpQN88s4 Apply Cauchy's general principle of convergence prove $1 - 1/2 + \dots + (-1)^{(n-1)}/n \dots$ is convergent. Video Link: https://youtu.be/WHXdqtvclc8 State and prove comparison test. Video Link:

			<p>https://youtu.be/kG6fkMYBjs</p> <p>6. Show that the harmonic series $\sum 1/n^p$ converges if p is greater than 1 and diverges if $p \leq 1$. Video Link: https://youtu.be/n3AjNomcyRA</p> <p>7. Three important problems in series. Video Link: https://youtu.be/jsZCCySpHBE</p> <p>8. State and prove Kummer's test. Video Link: https://youtu.be/s4UEO6JyUsw</p> <p>9. State and prove D' Alembert's ratio test Video Link: https://youtu.be/A5v7Bt0mrlg</p> <p>10. State and prove Raabe's test Video Link: https://youtu.be/SKr4CQj_BuQ</p> <p>11. Discuss the convergence of the series $\sum (n^3+a)/(2^{n+a})$ Video Link: https://youtu.be/HmSQCc7RCmo</p> <p>12. State and prove Leibnitz's test Video Link: https://youtu.be/nzpQ1N5zcmM</p>
2	Real Analysis	YouTube Videos	<p>1. Limit of a function with examples Video Link: https://youtu.be/V_3CxXROevg</p> <p>2. Continuous function Video Link: https://youtu.be/FG-XaB93730</p> <p>3. Any constant function is continuous & Any function whose domain is discrete metric space is continuous Video Link: https://youtu.be/IxQ2Va5CZ9M</p>

			<p>4. A function f is continuous iff $(x_n) \rightarrow a \Rightarrow (f(x_n)) \rightarrow f(a)$. Video Link: https://youtu.be/OATwYq8xr1I</p> <p>5. f is continuous if and only if inverse image of every open set is open. Video Link: https://youtu.be/twN81Zgf1nc</p> <p>6. f is continuous iff $f^{-1}(F)$ is closed in M_1 whenever F is closed in M_2 Video Link: https://youtu.be/klLxuZvjps0</p> <p>7. f is continuous iff $f^{-1}(A) \subseteq \bar{f(A)}$ for all $A \subseteq M_1$. Video Link: https://youtu.be/f9uHFXyjnKk</p> <p>8. Uniformly continuous. Video Link: https://youtu.be/aZdO3mW9jdY</p> <p>9. Prove that $f: [0,1] \rightarrow \mathbb{R}$ defined by $f(x) = x^2$ is uniformly continuous. Video Link: https://youtu.be/uUs5OsxI2mQ</p> <p>10. Prove that metric spaces $[0, 1]$ and $[0, 2]$ with usual metric are homeomorphic. Video Link: https://youtu.be/MpqfpixKV4c</p>
3	Statistics	YouTube Video	<p>1. Definition of normal distribution and standard normal variate. Video Link: https://youtu.be/xm_5vchycF8</p> <p>2. Odd order moments about mean of Normal Distribution. Video Link: https://youtu.be/QZStlWSHZmU</p> <p>3. Problems in Normal distribution</p>

			<p>Video Link: https://youtu.be/ECQiabXGMQw</p> <p>4. Word problem in normal distribution Video Link: https://youtu.be/3Pv0q4CMFCA</p> <p>5. Problem in Normal distribution Video Link: https://youtu.be/Y87O53lx0jk</p> <p>6. Problem in chi square distribution Video Link: https://youtu.be/hzkofa5xDH0</p> <p>7. Problem in chi square test using binomial distribution Video Link: https://youtu.be/MWS9zyycz54</p> <p>8. Fit a Poisson distribution to test the goodness of fit Video Link: https://youtu.be/Nq8GjvxJ7RA</p>
4	Number Theory	YouTube Video	<p>1. Lagrange's theorem on congruence modulo p (1/3) Video Link: https://youtu.be/LIPoKM5KbIA</p> <p>2. Lagrange's theorem on congruence modulo p(2/3) Video Link: https://youtu.be/QFIRekmDoEY</p> <p>3. Lagrange's theorem on congruence modulo p (3/3) Video Link: https://youtu.be/-kgkOGT9_4A</p> <p>4. Solve the congruence $5x \equiv 3 \pmod{24}$. Video Link: https://youtu.be/6Kgz7VRkRtE</p> <p>5. For any prime p, every coefficient of $f(x) = (x-1)(x-2)\dots(x-p+1) - x^{p-1} + 1$ are divisible by p. Video Link: https://youtu.be/k4UGonwlup8</p>

			<p>6. State and prove Chinese Remainder Theorem. Video Link: https://youtu.be/FF1jvJXsP3k</p> <p>7. Quadratic Residues, Legendre's symbol and Proof of Euler's Criterion in Number Theory. Video Link: https://youtu.be/oK6uKXjmB44</p> <p>8. Evaluate $(-1 p)$ and $(2 p)$ and Prove that Legendre's symbol is a completely multiplicative of n. Video Link: https://youtu.be/eYgQ8F9m2S4</p> <p>9. State and prove Gauss' Lemma with an example in Number Theory Video Link: https://youtu.be/dTCH8fl7_p4</p>
5	Queuing Theory	YouTube Video	<p>1. (PQT) Queuing Theory Part I Video Link: https://youtu.be/jsS-fD61Kok</p> <p>2. (PQT) Queuing Theory Part II Video Link: https://youtu.be/IkeYpM_52gc</p> <p>3. (PQT) Queuing Theory Part III Video Link: https://youtu.be/2zb2xYnd18w</p> <p>4. (PQT) Queuing Theory Part IV Video Link: https://youtu.be/5kFOHix5AJY</p> <p>5. (PQT) Queuing Theory Part V Video Link: https://youtu.be/Llof9bJO6zc</p> <p>6. (PQT) Queuing Theory Part VI Video Link: https://youtu.be/uwrNv1wBKXw</p>

6	Vector Calculus	YouTube Video	<ol style="list-style-type: none"> 1. Verify Green's theorem for the function $f=(x^2+y^2)i-2xyj$ and C is a rectangle in the xy- plane. Video Link: https://youtu.be/DP9ThdEErDs 2. Verify Gauss divergence theorem for the function $f=yi+xj+z^2 k$ for the cylindrical region. Video Link: https://youtu.be/FX2uFgqYleM 3. Verify Gauss divergence theorem for the given $f=(x^3-yz)i-2x^2 y j+2 k$ over the unit cube. Video Link: https://youtu.be/8UTE1LM2Oxk 4. Verify Stoke's theorem for $f=y^2 i+yj-xzk$ over the upper half sphere $x^2+y^2+z^2=a^2$ and $z\geq 0$. Video Link: https://youtu.be/11NuImyJZr8 5. Evaluate $\int x^2 ydx+y^3 dy$ using Green's theorem for the closed path formed by $y=x$ and $y=x^3$ Video Link: https://youtu.be/HIVIVXCqQ_w 6. Show that $\iint f.n dS = \iiint a^2 dV$ where $f=\nabla\phi$, $a =\nabla\phi$ and $\nabla^2 \phi=0$ Video Link: https://youtu.be/b7bb26XCyb8 7. Verify Stoke's theorem for $f=(2x-y)i - yz^2 j - y^2 zk$ where S is upper half surface of the sphere Video Link: https://youtu.be/MApB4d1QJpE
7	Differential Equation	YouTube Video	<ol style="list-style-type: none"> 1. Linear Differential Equations with constant coefficients problems Part I Video Link: https://youtu.be/LbagsMjyvEs 2. Linear Differential Equations with constant coefficients problems Part II Video Link:

			<p>https://youtu.be/LnY5XosuJkQ</p> <p>3. Linear Differential equations with constant coefficients problems Part III. Video Link: https://youtu.be/dYcu612vFHY</p> <p>4. Linear Differential Equations with constant coefficients problems Part IV Video Link: https://youtu.be/sxeaNAuoOdI</p> <p>5. Linear Differential Equations with constant coefficients Part V Video Link: https://youtu.be/7gHKiq1ZatO</p> <p>6. Linear Differential Equations with variable coefficients Part I Video Link: https://youtu.be/OO-vZ-yLXYg</p>
8	Laplace Transformations	YouTube Video	<p>1. Laplace Transformations Part I Video Link: https://youtu.be/zoVIKqosHEk</p> <p>2. Laplace Transformations Part II Video Link: https://youtu.be/rvqUozS5_CO</p> <p>3. Laplace Transformations Part III Video Link: https://youtu.be/QMAhARo9BOU</p> <p>4. Laplace Transformations Part IV Video Link: https://youtu.be/-bxUKnPofT8</p>
9	Quantitative Aptitude	YouTube Video	<p>1. Quantitative Aptitude: Intro... Video Link: https://youtu.be/GCrVWzqIyKU</p> <p>2. AVERAGE PART 1 Video Link: https://youtu.be/PqoG9NIU9CI</p>

			<p>3. AVERAGE PART 2 Video Link: https://youtu.be/cHL64OBRKg0</p> <p>4. PERCENTAGE PART 1 Video Link: https://youtu.be/uxMyH_Efl-M</p> <p>5. PERCENTAGE PART 2 Video Link: https://youtu.be/iT9bPIV_KLo</p> <p>6. RATIO AND PROPORTION PART 1 Video Link: https://youtu.be/M2ymOmQfPd0</p> <p>7. RATIO AND PROPORTION PART 2 Video Link: https://youtu.be/Ts46RW5KKlk</p>
10	E-Content through Webinar	YouTube Video	<p>1. A Lecture on "Advances in Linear Algebra" by Dr. M. Azhagappan at JMC (Jamal Mohamed College-Trichy)- Faculty Improvement Program. Video Link: https://youtu.be/21dWEn1EBMI</p> <p>2. A Lecture on "Advances in Differential Equations" by Dr. M. Azhagappan at JMC (Jamal Mohamed College- Trichy)- Faculty Imp. Program Video Link: https://youtu.be/EGDI1fpo2Lc</p> <p>3. Enhancing the Concepts of Sequences by Dr. M. Azhagappan at S.N College, Madurai. https://youtu.be/Hv13cFmibjc</p> <p>4. Enhancing Aptitude in Competitive Approach- Day 1 by Dr. M. Azhagappan at Fatima College, Madurai. https://youtu.be/WzCRzv6N9kA</p> <p>5. Enhancing Aptitude in Competitive Approach- Day 2 by Dr. M. Azhagappan at Fatima College, Madurai. https://youtu.be/Tt3GqvIKIr0</p> <p>6. FUNDAMENTALS OF LINEAR ALGEBRA by Dr. M. Azhagappan at Gongu Arts and Science College, Erode. https://youtu.be/oEOVuYZO6hA</p> <p>7. A Lecture on "Basic concepts of Modern Algebra"</p>

			<p>by Dr. M. Azhagappan at Zakir Husain College, Ilayangudi. https://youtu.be/tPdsIte8T7k</p> <p>8. A Lecture on “SIMPLE INTEREST AND COMPOUND INTEREST” by Dr. M. Azhagappan at University College of Engg, Dindigul. https://youtu.be/i7m-lwhQ1rU</p> <p>9. A Lecture on Permutation and Combination By Dr.M.Azhagappan at University College of Engg, Dindigul. https://youtu.be/DrqY2CT1a7k</p> <p>10.A Lecture on Time and Distance By Dr.M.Azhagappan at University College of Engg, Dindigul. https://youtu.be/QkEG9hJurLc</p>
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Academic Positions held

Post	Institution	Date
Board of Study Member (Subject Expert)	Arulanandar college, Karumathur, Madurai	09.01.2018
External Examiner of M.Sc Project Viva	Arulanandar college, Karumathur, Madurai	22.03.2017
External Examiner of M.Sc Project Viva	SFR College for Women, Sivakasi	
External Examiner of B.Sc Subject Viva	SFR College for Women, Sivakasi	23.12.2020
Board of Study Member (Subject Expert)	Mannar Thirumalainicker College, Madurai	17.03.2021

Member, Coordinator and Various positions held in Yadava College

- Controller of Examinations from 01.06.2019 to 31.03.2022
- Assistant Controller of Examinations from 08.06.2017 to 31.05.2019
- Head of the Department of Mathematics from 01.06.2012 onwards
- SPOC of Yadava College (Local Chapter), NPTEL, IIT Madras.
- Received Chockalinga Konar Memorial Prize instituted by Dr.C.Goplakrishnan for the student with highest mark in B.Sc Mathematics in Yadava College(Autonomous).
- Life time Member of Indian Mathematical Society.
- Coordinator of Intensive Training a part of Extension Activities through which we organize coaching classes for the students who are aspiring for TNPSC Group Examinations
- Program Officer of Red Ribbon Club
- EC member, Alumni Association, Yadava College, Madurai.
- Secretary, Parent Teacher Association(PTA), Yadava College, Madurai.
- Member in Training Workshop on Science Popularization through Folk – Arts from 06.11.2013 to 09.11.2013. (Supported by: NCSTC, DST, New Delhi.)
- Member in International Ground Water conference. (IGWC – 2011)
- Joint Secretary, MUTA, Yadava College Unit, Madurai
- Member, Popularization of Basic Science through Science Exhibition .Dec 2009 @ Yadava College, Madurai. State Level Exhibition, Supported by: Department of Biotechnology, New Delhi
- Member, Contact Science Motivation Programme for the Talented School Students. 19.11.2009 to 28.11.2009 @ Yadava College, Madurai
Supported by: NCSTC, DST, New Delhi
- Member, Training Workshop on Science Popularization through Folk - Arts from 13.08.2014 to 16.08.2014 @ Yadava College,

Madurai
Supported by: NCSTC, DST, New Delhi

- Member, UGC Sponsored national Seminar on Applications of Graph Theory @ Yadava College, Madurai from 10th and 11th February 2005
- Guest Faculty in Nermai IAS Academy, Madurai.
- Centre Superintendent for the NEET (UG) – 2019, NEET (UG) – 2020, UPSC, TNPSC Examinations etc from June 2017 to May 2022

- ✓ Folk Song and Folk Dance on Water, Sanitation and Hygiene on 12.10.2014 @ Veerapand & Thiruppalai villages
- ✓ Global Handwashing Day on 15.10.2014 @ Thiruppalai village
- ✓ One day workshop on Training to Trainers on Water, Sanitation and Hygiene on 01.11.2014 @ Yadava College, Madurai
- ✓ Street Drama on Water, Sanitation and Hygiene on 16.11.2014 @ Veerapand village
- ✓ Oral & Drawing Competition on Need and Importance of Toilet on World Toilet Day 19th November 2014 @ Thiruppalai village
- ✓ Public Communication of Water, Sanitation and Hygiene on 01.12.2014 @ Yadava College, Madurai
- ✓ State Level Expo for College and school students on Water, Sanitation and Hygiene on 10.1.2015 @ Yadava College, Madurai
- ✓ Debate on Water, Sanitation and Hygiene on 14.02.2015 @ Thiruppalai
- ✓ Training on Personal Hygiene to children and Mothers on Water, Sanitation and Hygiene on 14.03.2015 @ Veerpandi
- ✓ Public Rally and Human chain on Water, Sanitation and Hygiene cum World Water Day on 22.03.2015 @ Thiruppalai

COORDINATOR OF “ECO & WASH (WATER, SANITATION AND HYGIENE) FUTURES” CATALYZED AND SUPPORTED BY THE NCSTC, DST, GOVERNMENT