



Name : Dr.D.ANANDHA SELVAM

Designation : Assistant Professor

Department : Mathematics

Date of Appointment : 22/06/2007(Management)

: 25/11/2013(Aided)

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Academic Qualifications:

Degree	Subject	Name of the Board/ University	Year of completion
Ph.D	Mathematics	MKU, Madurai	2022
M.Phil	Mathematics	MKU, Madurai	2002
M.sc	Mathematics	Lady Doak college, Madurai	1998
B.sc	Mathematics	Lady Doak college, Madurai	1996

Academic Achievement: Qualified SET(state eligibility test) conducted by Bharathiyar University on 7th October 2012 with Ref No. SET/06/02052

Work Experience:

Designation	Institution	Duration
Assistant Professor	The American College, Madurai	Nov2013- till date
Lecturer	The American College, Madurai	Jun2007- Nov2013
Lecturer	Lady Doak College, Madurai	Mar 2006 – Jan 2007
Lecturer	Parks College of Arts Science, Thirupur	Jun 2002- Feb 2004
Lecturer	St. Georges Jeyaraj Chelladurai College, Madurai	Jul 2000 – May 2001

Conference / Seminar Presentations:

1. Presented a paper titled “ Critical Class of Dominating Weakly Connected Point Set Dominating Graphs” in the conference of 22nd FAI_ICMCIE-2020 during 21/12/2020 to 23/12/2020

2. Presented a paper titled “Weakly Connected Point Set Domination in Graphs” in the Conference of 22nd FAI_ICMCIE-2020 during 21/12/2020 to 23/12/2020

3. Presented a paper titled “Very Excellent Dominating Weakly Connected Set Dominating sets” in NSRM-2019 organised by the PG Dept of Mathematics and Forum de Mathematicians at Sri Ramanas College of Arts and Science for women Aruppukottai on 20/12/2019

4. Presented a paper titled “ Dominating Weakly Connected Set Dominating Bridge Independent Graphs” in the international Conference on New Frontiers in Mathematics and Computing-ICNFM19 held on 18th and 19th February 2019 organised by the Department of Mathematics, LDC

5. Presented a paper titled “A study on Just Excellent and very excellent weakly connected set Domination ” in the International Conference on Mathematical sciences held during Aug21 to 23,2014 organised by School of mathematics MKU and International Multidisciplinary Research Foundation

6. Presented a paper titled “Studies in Set Domination and Weakly Connected Set Domination” in the one day national seminar on “Emerging Trends in Graph Theory” held on APC.Mahalaxmi college for Women, Thoothukudi on 6th September 2013

7. Presented a paper titled “Weakly connected point set domination & set domination” in a national conference in “Recent trends in Graph Theory” held in Mannar Thirumalai naikar college Madurai during 16.03.2012 & 17.3.2012

8. Presented a paper titled “Algorithms for various domination parameters in graphs” in a national level seminar conducted by Sourashtra College, Madurai on March 3rd 2012

9. Presented a paper titled “A note on Hop Domination in some classes of Graphs” in the national conference on “Modern Mathematics and its Applications” held at the American College, Madurai during 22nd and 23rd January 2018

10. Presented a paper titled “Dominating Weakly Connected Set Dominating Bridge Independent Graphs” in the national conference on “Modern Mathematics and its Applications” held at the American College, Madurai during 22nd and 23rd January 2018

Publications:

1. Published a paper titled “Very Excellent Dominating Weakly Connected Set Dominating sets” in Scopus Journal Advances in Mathematics Scientific Journal 9(2020), No12,11141-11146 ISSN1857-8438(electronic)

<https://doi.org/10.37418/amsj.9.12.94>

2. Published a paper titled “Dominating Weakly Connected Set Dominating Bridge Independent Graphs” in Malaya Journal of Matematik, Vol.5. No4,619-624-2019

<https://doi.org/10.26637/MJM0504/0002>

3. Published a paper titled “Study on Just Excellent and Very Excellent Weakly Connected Set Domination” in Mathematical Sciences International Journal Vol.3 issue 2, 2014 Page no. 800-802 with ISSN 22788607 ISBN 978-93-84124-14-4

4. Published a paper titled “Excellent and Just Excellent Weakly Connected Set Domination” in New Frontiers in Education Vol.46 No.4(Oct-Dec)2013Page no. 93-99 with ISSN 0972-1231

5. Published a paper titled “Studies in Set Domination and Weakly Connected Set Domination” in Enrich Vol.IV-2013 with ISSN 2319-6394

6. Book published as **editor: Modern mathematics and its Applications –**
ISBN No-978-93-85109-67-6

Workshops/Seminars attended:

S.NO	Name of the course	Organizers	Number of Days	Duration
1	In service Teacher Training Program	Tamil Nadu State Council for higher educations	2 days	5/5/2022 & 6/5/2022
2	Workshop on science through Enquiry & Research (STIR-2019) Sponsored by UBCHEA	Bishop Heber college, Tiruchirappalli	2 days	17/10/2019 & 18/10/ 2019
3	Teacher Enrichment workshop on Linear Algebra & Multi Variable Calculus funded by NCM	Mepco schlenk engineering college, sivakasi	6 days	13 /05/2019 to 18/05/2019
4	Faculty Training Workshop of South Asia	St.Aloysius College(Autonomou s),Jabalpur, Mathya Pradesh, India With the support of United Board for Christian Higher Education in Asia	5days	22/10/2018 to 26/10/2018
5	Science Academies lecture workshop on Algebra	Bharathidasan University Thiruchirappalli	5days	15/08/2018 To 19/08/ 2018
6	Teachers Enrichment Workshop on “Algebra, Discrete Mathematics and Complex Analysis”	IMSC(Institute of Mathematical Sciences), Chennai & National Centre for Mathematics	6days	22/05/2017 to 27/05/2017
7	Refresher Program on Life Skills and Assesment Patterns for the UGC community colleges, B.Voc Centres and Kaushal Kendra	Indian Centre for Research and Development of Community Education(ICRDCE) with the support of United Board	2days	21/09/2016 & 22/09/2016
8	Training Programme for College Teachers on Psycho-Educational Skills	The District Administration, Madurai District and MANASA	6days	24/11/2014 to 29/11/2014

Refresher Courses and Orientations attended:

S.NO	Name of the course	Organizers	Number of Days	Duration
1	Refresher course in Mathematics	UGC-Malaviya Mission Teacher Training Programm The Gandhigram Rural Institute Dindigul	14days	17/10/2024 to 30/10/2024
2	Two weeks Refresher course in Mathematical Science	Teaching learning centre, Ramanujan college university of Delhi	14 days	14/06/2021 to 28/06/2021
3	Two weeks Interdisciplinary Refresher course on Research Methodology	Teaching learning centre, Ramanujan College university of Delhi	14 days	20 /07/2021 to 03/08/ 2021
4	Refresher Programme in “Emerging Trends in Pure and Applied Mathematics	UGC-HRDC(Human Resource Development Centre), Madurai Kamaraj University Madurai	21days	16/11/2018 to 6/12/2018
5	Refresher Programme in Applied Mathematics and Statistics	UGC-HRDC(Human Resource Development Centre), Bharathiar University Coimabatore	21days	5/7/2017 To 25/7/2017
6	Orientation Programme	Academic Staff College, MKU, Madurai	28days	3/3/2015 To 30/3/2015

Professional Credentials:

1. Chair Person for the Paper Presentation session in the international conference on New Avenue in Applied Science (ICNAAS-22) held at LDC, Madurai 22/02/2023
2. Resource Person in the Faculty Orientation Program organised by IQAC, The American College on 20/09/2022
3. Acted as Judge in the Jawaharlal Nehru National Science, Mathematics and Environment Exhibition at OCPM Girls Hr. Secondary School, Madurai on 14/10/2019
4. Acted as Judge in the Future Scientist Program conducted by Tamil Nadu Science Forum on 20/10/2019
5. Chief Guest in the one day intercollegiate Seminar ALGANA-19 organised by the Department of Mathematics, NMSSVN college, Madurai held on 12/03/2019
6. Resource Person in Mathematics Club Inaugural Function Conducted by Pasumalai Hr Secondary School on 26/7/2019
7. Resource Person on State Level one day seminar organised by the Dept of Maths, Arulmigu Palani Andavar College of Arts and Culture, Palani held on 27/12.2018
8. Interview Panel Member of Ayya Nadar Janaki Ammal Matriculation Hr. Secondary School, Madurai during February 2013
9. External Member of Board of Studies, Lady Doak College, Madurai during 2017-2019
8. External Examiner for Question Settings in Various Colleges

Administrative Accomplishments:

1. Served as The Controller of Examinations of The American college, Madurai during June 2023 to December 2024
2. Served as Deputy Controller of Examinations of The American college, Madurai during May 2021 to June 2023
3. Served as Director of Jivana Jhoti, The American college, Madurai for the academic year 2020-2021
4. Served as Convener for NAAC –Criterion I(Curricular Aspects) during 2021 to 2024

5. Elected Senate member of The American College, Madurai during 2018 to2020

6. Served as a member of Investment Committee ,Magazine Committee and Admission Committee

Countries Visited: Singapore, Dubai and Abutabi

Address for Communication:

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