

Dr. B. VASUDEVAN, M.Sc., M.Phil., B. Ed., Ph.D.,

Designation : Assistant Professor
Department : Mathematics
Subject Interest : Algebra, Graph Theory, Number Theory
Specialization : Matrix theory

For more Information : vasudevb4u@gmail.com

DETAILS OF PROFESSIONAL AND RESEARCH EXPERIENCE (SPECIFYING PERIOD)

Guest Lecturer in Mathematics

College : **Government Arts College(Auto.), Kumbakonam**
Period : 13th Sep.1995 to 31st March 1999
Teaching Areas : Pure Mathematics & Allied Mathematics

Lecturer in Mathematics

College : **Rabiammal Ahamed Maideen College for women, Tiruvarur.**
Period : 5th July 1999 to 18th August 2007 &
16th May 2011 to 6th Dec. 2014
Teaching Areas : Pure & Allied Mathematics

Lecturer in Mathematics

University : **SASTRA University, Kumbakonam**
Period : **20th August 2007 to 19th November 2007**
Teaching Areas : **Pure & Allied Mathematics**

Lecturer in Mathematics

College : **Swami Dayananda College of Arts & Science, Manjakkudi.**
Period : 17th December 2007 to 14th May 2011 &
24th December 2014 to 29th July 2015
Teaching Areas : Pure & Allied Mathematics

Assistant Professor of Mathematics

College : **Government Arts College, C-Mutlur, Chidambaram**
Period : **31st July 2015 to 1st (F.N) August 2016**
Teaching Areas : **Pure Mathematics**

Assistant Professor of Mathematics

College : **Thiru.Vi. Ka. Government Arts College, Thiruvarur**
Period : **1st (A.N) August 2016 onwards**
Teaching Areas : **Pure & Applied Mathematics**

ACADEMIC PROFILE

Ph.D.,

University : **Bharathidasan University,**
Place of Research : **Department of Mathematics,
Government Arts College (Auto.), Kumbakonam**
Research Supervisor : **Dr. S. Krishnamoorthy,
Government Arts College (Auto.), Kumbakonam**
Title of Thesis : **CONTRIBUTIONS TO THE STUDY ON
CONJUGATE K-EP MATRICES**
Date of Award : **18.04.2012**

B.Ed.,

University : **Annamalai University**
Main Subject : **Mathematics**
Year : **1995**
Marks/Class : **First Class**

M.Phil.,(Mathematics)

University : **Bharathidasan University**
College : **A.V.V.M. Sri Pushpam College, Poondi**
Year : **1990**
Marks/Class : **First Class**

M.Sc., (Mathematics)

University : Bharathidasan University
College : A.V.V.M. Sri Pushpam College, Poondi
Year : 1989
Marks/Class : First Class

B.Sc., (Mathematics)

University : Bharathidasan University
College : A.V.V.M. Sri Pushpam College, Poondi
Year : 1987
Marks/Class : First Class

H.Sc.,

Board : Board of Higher Secondary Education, Tamilnadu
Main Subject : Science and Mathematics
Year : 1984
Marks : First Class

S.S.L.C

Board : Board of Secondary Education, TamilNadu
Main Subject : General
Year : 1982
Marks : First Class

R.B. PRAVEEN

Board : Dakshina Bharath Hindi Prachar Sabha, Chennai.
Centre : Tiruvarur
Main Subject : Hindi
Year : 1990

SEMINARS ORGANIZED

- One day State Level Seminar on “Recent Advancements in Mathematics “ , at Rabiammal Ahamed Maideen College for Women , Thiruvarur on 23rd February 2013.
- National Seminar on “Modern Trends in Mathematics “ , at Rabiammal Ahamed Maideen College for Women , Thiruvarur on 28th February & 1st March 2014.
- One day State Level Seminar on “Recent Trends in Mathematics and its Applications“ , at Rabiammal Ahamed Maideen College for Women , Thiruvarur on 11th October 2014.
- One day State Level Seminar on “Recent Trends in Mathematics and its Applications“ , at Thiru. Vi. Ka. Government Arts College , Thiruvarur on 7th March 2017.

RESEARCH GUIDANCE

M. Phil., : Awarded - 10, Guiding - 2
Ph. D., : Guiding - 4

PUBLICATIONS - ARTICLES PUBLISHED IN JOURNALS

1. A.R. Meenakshi, S. Krishnamoorthy and B. Vasudevan, “ **On Conjugate k-EP matrices**”, International Journal of Ultra Scientist, Vol 21 (2M), 2009.
2. A.R. Meenakshi, S. Krishnamoorthy and B. Vasudevan, “ **On Sums of Conjugate k-EP matrices**”, International Journal of Ultra Scientist, Vol 21 (3M), 2009.

3. B. Vasudevan, N. Anis Fathima and N. Vijaya Krishanan “**On Conjugate EP matrices in Indefinite Inner Product Spaces**” IOSR Journal of Mathematics Vol.11, Issue 3, May – June 2015.
4. B.Vasudevan and K. Vimala, “**Adjacent Line Graphs of Simple Graphs**”, International Journal for Research in Engineering Applications & Management (IJREAM), Vol. 4, Issue 09, Dec. 2018
5. B.Vasudevan and K. Vimala, “**On the diameter of Adjacent Line Graphs of P_n and C_n** ”, The International Journal of Analytical and Experimental Modal Analysis(IJAEMA), Vol. XII, issue IV, April 2020.
6. B. Vasudevan and N. Anis Fathima, “**Idempotent Matrices in Minkowski Space**”, Advances and Applications in Discrete Mathematics, Volume 24, Number 2, 2020, pp 165-177
7. B. Vasudevan and N. Anis Fathima, “Spectral Theory of g-idempotent matrices”, Global Journal of Pure and Applied Mathematics, Volume 16, Number 6(2020), pp 771-782

INVITED TALKS

1. Delivered a Special lecture on “Applications of Mathematics in Real Life” at S.T.E.T.Women’s College, Mannargudi on 31st Decmber 2018.
2. Delivered invited lecture on “Basics of Mathematics” at Dr. Puratch Thalaivar M.G.R. Governement Arts College, Kodavasal on 13th March 2018.
3. A talk on “Mathematics - an Art” has been delivered at Government Arts Cllege C-Mutlur, Chidambaram on 10.03.2018.

4. Delivered a Special lecture on “Applications of Mathematics in Real Life” at Bharathidasan University Constituent College, Nagapattinam on 13th October 2017.
5. Delivered invited lecture on “Applications of Graph Theory in Science and Technology” at A.D.M. College for Women, Nagapattinam on 20th July 2017.
6. Delivered a special lecture on “Differential Equations and its Applications” at S. Vellaisamy Nadar College, Madurai on 4th January 2016.
7. Delivered a Special lecture on “Applications of Mathematics in Real Life” at Bharathidasan University Constituent College of Arts & Science, Inamkulathur, Srirangam on 16th February 2015.
8. Delivered an Invited talk on “Mathematics - an Art” at Bharathidasan University Constituent College of Arts & Science, Nannilam on 24th January 2015.
9. Delivered a Special lecture on “Applications of Graph Theory” at, Annai College of Arts & Science, Kumbakonam on 21st January 2015.



BDU Constituent College Nannilam – 24.01.2015



SVN College , Madurai - 04.01.2016



Participants - SVN College, Madurai



ADM College Nagappattinam - 20.07.2017



Dr. Puratchi Thalaiyar MGR Govt. Arts College,
Kodavasal - 13.08.2018



Acted as Chair Person - 16-12-2017



10. 03. 2018 Government Arts College, C-Mutlur, Chidambaram



STET Women's College, Mannargudi – 31. 12. 2018

SEMINARS/CONFERENCE/WORKSHOPS PARTICIPATED

- Participated in the Two-Day FDP on “Design, Develop and Deliver online courses through Moodle platform” conducted by TANSICHE with technical support of DOTE, Tamil Nadu on May 15th & 16th 2020.
- Participated in the workshop on “ Assessing Quality in Higher Education” organized by Central University of Tamil Nadu, Tiruvarur on 19th & 20th September 2019.
- Participated in the Two - Day **National Level Seminar** on “ Recent Trends in Pure and Applied Mathematics organized by PG & Research Department of Mathematics Government Arts College for Women (A), Kumbakonam on 17th & 18th July 2019.
- Participated in the **International Conference** on Mathematical Methods and Computation organized by PG & Research Department of Mathematics Jamal Mohamed College (A), Tiruchirappalli on 20th & 21st February 2019.
- Participated in the “**International Conference on Discrete Mathematics and its Applications**” organized by Department of Mathematics, Manonmaniam Sundaranar University, Tirunelveli during January 18 - 20, 2018.
- Participated and presented a paper entitled “On Adjacent Line Graphs in the “**International Conference on Discrete Mathematics**” organized by Department of Mathematics, Periyar University, Salem during January 04 - 07, 2018.

- Acted as a Chair Person in the National conference on Emerging Trends in Mathematical Techniques, conducted by PG Department of Mathematics, S.T.E.T. Women's College, Mannargudi on 16th December 2017.
- Participated in the workshop on " MATLAB AND ITS APPLICATIONS" organized by PG & Research Department of Mathematics, Government Arts College, Chidambaram on 16th October 2015.
- Participated in a one day Seminar on " Installation Of New Thoughts On Graph Theory And Fuzzy Mathematics" organized by PG & Research Dept. of Mathematics, T.B.M.L. College, Porayar on 6th October 2014.

TRAINING PROGRAMME

Orientation Course (UGC Sponsored)

Place : UGC-HRDC Bharathidasan University, Trichirappalli.

Duration : 02.03.2017 to 29.03.2017 (28 days)

Refresher Course in Mathematics (UGC Sponsored)

Place : UGC-HRDC, Madurai Kamaraj University, Madurai.

Duration : 16.11.2018 to 06.12.2018 (21 days)



SOFT SKILL AND INDUSTRY AWARENESS PROGRAM (TANSCHÉ)

Place : Periyar Maniammai Institute of Science & Technology,
Thanjavur.

Duration : 23.01.2018 to 24.01.2018

TEACHING EXPERIENCE

Total Teaching Experience : 23 ½ Years

Under Graduate : 23 ½ Years

Post Graduate : 12 Years

PERSONAL DETAILS

Name : Dr. B. VASUDEVAN
Gender : Male
Date of Birth : 30.07.1967
Age : 52 Years
Place of Birth : Thiruvarur
Nationality : Indian
Religion : Hindu
Caste : Brahmin
Mother Tongue : Marathi
Language Known : Tamil, English & Hindi
Marital Status : Single
Residential Address : 2/ 298, Sivan Kovil South Street,
Maruthampattinam,
Thiruvarur – 610002.
Mobile: 9952880506, 8778049797
Official Address : Assistant Professor of Mathematics,
Thiru. Vi. Ka. Government Arts College,
Thiruvarur -610 003,
TamilNadu, India.
Phone: 04366-222463
Email : vasudev4u@gmail.com