

## ACADEMIC PROFILE

1. Name : Dr.Vidhya.N  
2. Designation & Address : Assistant Professor in Mathematics  
Sree Ayyappa College, Eramallikkara  
Eramallikkara (P.O)  
Chengannur, Alappuzha(Dist.)  
Pin - 689109.  
3. Date of Birth : 23.07.1975  
4. Religion & Caste : Hindu, Nair  
5. Nationality : Indian  
6. Address (Res.) : 'Sreevalsam'  
Vilayancode (P.O)  
Kannur (Dist.)  
Pin - 670504.



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7. Date of Joining : 16.02.2011

8. Educational Qualifications:

Qualification	Board/University	Year	Class obtained
SSLC	Board of Public Examinations	1991	First Class
Pre-Degree	University of Calicut	1993	„
B.Sc Mathematics	University of Calicut	1996	„
M.Sc Mathematics	Mahatma Gandhi University	1998	„
B.Ed Mathematics	Kannur University	2001	„
Ph.D in Mathematics	Kannur University		

9. a) Teaching experience :

<b>University/College</b>	<b>Designation</b>	<b>Period</b>
Pazhassi Raja NSS College, Mattanur, Kannur Dist.	Guest Lecturer in Mathematics	2001- 2003
Taliparamba Arts & Science College, Kanhirangad, Kannur Dist.	„	2003- 2004
Nehru Arts & Science College, Kanhangad, Kasaragod Dist.	„	2004- 2005
Govt. Residential Women's Polytechnic College, Payyanur, Kannur Dist.	„	2008- 2009
College of Applied Science, IHRD, Neruvambram, Kannur Dist.	„	2009- 2010
Sree Narayana College, Thottada, Kannur, Kannur Dist.	„	June 2010- Dec 2010
Govt. Residential Women's Polytechnic College, Payyanur, Kannur Dist.	Assistant Professor in Mathematics (Employment Posting)	Dec 2010- Feb 2011
Sree Ayyappa College, Eramallikkara, Chengannur, Alappuzha Dist.	Assistant Professor in Mathematics	Feb 2011 onwards

b) Research experience : Five years experience as a Research Scholar &  
Contributed Twelve Research Papers in Mathematics.

10. Area of Specialization : Special Functions, Integral Transforms and  
Integral Equations

**11. Subjects taught** : Core & Complimentary Mathematics for  
B.Sc Degree (CBCSS) of Kerala & Kannur Universities

**12. Research Papers :**

- i. An integral equation involving the  $I$ - function of several complex variables: Vijnana Parishad Anusandhan Patrika, Vol.48, No.3, 281- 286, July 2005.
- ii. Generalized integral transforms of two variables -I : Vijnana Parishad Anusandhan Patrika, Vol.48, No.4, 339- 343, October 2005.
- iii. The relation between double Laplace transform and double Mellin transform with applications : The Mathematics Education, Vol.XLI, No.2, June 2007.
- iv. Differentiation formulae for  $H$  - function of several variables : The Mathematics Education, Vol.XLI, No.3, September 2007.
- v. Summation formula for  $H$  - function of two variables : The Mathematics Education, Vol.XLI, No.4, December 2007.
- vi. Inversion theorems for generalized integral transforms of two variables : Communicated for publication, Vijnana Parishad Anusandhan Patrika.
- vii. Double integral transforms of the modified  $H$ - function of two variables : Communicated for publication, Vijnana Parishad Anusandhan Patrika.
- viii. Identities involving Generalized  $H$ -functions : Communicated for publication, The Mathematics Education.
- ix. Generalized integral transforms of two variables - II : Communicated for publication, Vijnana Parishad Anusandhan Patrika.
- x. Generalized integral transforms of two variables - III : Communicated for publication, Vijnana Parishad Anusandhan Patrika.
- xi. Two dimensional Mellin transforms involving Modified  $H$ - functions of two variables : Communicated for publication, Applied Science Periodical.
- xii. A two dimensional integral equation involving the Generalized  $H$ - function of two variables : Communicated for publication, Applied Science Periodical.

### **13. Refresher Courses & Orientation Programme Attended :**

- i. Participated and successfully completed the U.G.C sponsored Orientation Programme -XV conducted by U.G.C Academic Staff College, Kannur University, Kannur from 20.11.2013 to 17.12.2013.
- ii. Participated and successfully completed the U.G.C sponsored Refresher Course in Mathematics (Interdisciplinary) conducted by U.G.C Academic Staff College, Kannur University, Kannur from 25.11.2014 to 15.12.2014.
- iii. Participated and successfully completed the U.G.C sponsored Refresher Course in Mathematics (Winter School in Basic Sciences) conducted by U.G.C Human Resource Development Centre, Kannur University, Kannur from 28.11.2019 to 11.12.2019.

### **14. Conferences/Seminars/Work shop attended :**

- i. Participated in U.G.C sponsored National Seminar on 'Discrete and Fuzzy Mathematics and their Applications' organized by P.G Department of Mathematics, Mahatma Gandhi College, Iritty, Kannur (Dist.) on Aug.2010.
- ii. Participated in the First Kerala Women's Science Congress 2010 organized by SHAKTI in association with St. Teresa's College, Ernakulam.
- iii. Participated in U.G.C sponsored National Conference on 'Algebraic Graph Theory' organized by Department of Mathematics, Sree Ayyappa College, Eramallikkara, Chengannur, Alappuzha Dist., in association with Kerala Mathematical Association on 30<sup>th</sup> & 31<sup>st</sup> March 2015.
- iv. Participated in 'Two Day Workshop on Latex and Python Programming' organized by Department of Mathematics, Sree Ayyappa College, Eramallikkara, Chengannur, Alappuzha Dist., in association with PTA, Sree Ayyappa College, on 3<sup>rd</sup> & 4<sup>th</sup> November 2017.
- v. Participated in One day Seminar in Mathematics in connection with 'National Mathematics Day Celebration' organized by Department of Mathematics, Sree Ayyappa College, Eramallikkara, Chengannur, Alappuzha Dist., in association with PTA, Sree Ayyappa College, on 14<sup>th</sup> January 2020.
- vi. Attended a one day workshop on 'UG Programme under CBCSS & Grading' organized by Kannur University in Payyanur College, Payyanur.

- vii. Participated in a State Level Seminar on ‘Environmental Pollution and Health Aspects in Biochemistry’ organized by Research Committee, Sree Ayyappa College, Eramallikkara, Chengannur, Alappuzha Dist., on 25<sup>th</sup> June 2016.
- viii. Participated in a State Level Seminar on ‘Nutrition and Life Style Diseases’ organized by Dept. of Biochemistry, Sree Ayyappa College, Eramallikkara, Chengannur, Alappuzha Dist., on 5<sup>th</sup> November 2016.

**15. Administration/Student/Exam related activities :**

- i. Member of Board of Examiners, Kannur University for two years and served as Additional Examiner for Valuation of answer scripts.
- ii. Member of Board of Examiners, University of Kerala from 2012 onwards and served as University Additional Examiner as well as Deputy Chairman for Project Evaluation/Valuation of answer scripts. Framed Syllabus and Question Paper for UG course in University of Kerala.
- iii. Framed Question Paper for PG course in University of Calicut.
- iv. Convener of ‘Two Day Workshop on Latex and Python Programming’ organized by Department of Mathematics, Sree Ayyappa College, Eramallikkara, Chengannur, Alappuzha Dist., in association with PTA, Sree Ayyappa College, on 3<sup>rd</sup> & 4<sup>th</sup> November 2017.
- v. Convener of One day Seminar in Mathematics in connection with ‘National Mathematics Day Celebration’ organized by Department of Mathematics, Sree Ayyappa College, Eramallikkara, Chengannur, Alappuzha Dist., in association with PTA, Sree Ayyappa College, on 14<sup>th</sup> January 2020.
- vi. Co-ordinator of U.G.C sponsored National Conference on ‘Algebraic Graph Theory’ organized by Department of Mathematics, Sree Ayyappa College, Eramallikkara, Chengannur, Alappuzha Dist., in association with Kerala Mathematical Association on 30<sup>th</sup> & 31<sup>st</sup> March 2015.
- vii. Co-ordinator of All Kerala Inter Collegiate Quiz Competition organized by Department of Mathematics, Sree Ayyappa College, Eramallikkara, Chengannur, Alappuzha Dist.

- viii. Organizing Committee (Research Committee) member of a State Level Seminar on 'Environmental Pollution and Health Aspects in Biochemistry' organized by Research Committee, Sree Ayyappa College, Eramallikkara, Chengannur, Alappuzha Dist., on 25<sup>th</sup> June 2016.
- ix. Head of Department of Mathematics from June 2015 onwards.
- x. DLMC convener, IQAC member and Staff Council member from June 2015 onwards.
- xi. Scholar Support Programme (SSP) Coordinator of Sree Ayyappa College for the academic year 2018-19.
- xii. Served as Career Guidance and Placement Cell Convener and Purchase and Technical Committee Convener in the year 2018-19.
- xiii. Serving as Class Tutor/Mentor for last Six years.
- xiv. Served as Deputy Warden, Sree Ayyappa College Women's Hostel, Eramallikkara for two and half years.
- xv. Member of Science Club, Research Committee and Library Committee for the last six years.

Dr.Vidhya.N