

Curriculum Vitae



1. Name : Sajith .G
- 2.(i) Sex : Male (ii) Marital Status : Married
- 3.(i) Date of Birth : 31.05.1965 (ii) Nationality : Indian
4. Father's name : Govindan Kutty Menon .V
5. Occupation : Associate Professor(Adjunct)
6. Affiliation :

Dept. of Mathematics
S.S.College , Areekode,
Malappuram(Dist), Kerala
INDIA 673639

7. (i) Mobile : 9447512488 (ii) e - mail : sajseem@hotmail.com
8. Residential Address : 36 Karthika Apartment
Pipeline Road ,Patteri
Calicut , Kerala
INDIA 670016

9. Educational Qualifications :

- (i) Ph.D in Harmonic Analysis

Institution : Ramanujan Institute for Advanced Study in Mathematics,Chennai. India 600005
Title : Gelfand Pairs and Spherical Means of Heisenberg Group
Supervisor : Prof . K Parthasarathy,Director,Ramanjan Institute
Year : 2000

- (ii) MSc in Mathematics

Institution : St.Thomas's College ,Trichur,Kerala
Division : Istclass (61%)
Year : 1987

- (iii) BSc in Mathematics

Institution : St.Thomas's College ,Trichur,Kerala
Division : Istclass (75%)
Year : 1985

10. Research Experience :

Ramanujan Institute -Ph.D in Harmonic Analysis(5 yrs)

Indian Statistical Institute,Bangalore - Visiting Fellow during research.

Indian Institute of Science,Bangalore - Visited Prof.Thangavelu as a Summer Reserach Fellow
Indian Academy of Sciences(2007April-May).

Indian Institute of Science,Bangalore - Visiting Prof Narayanan E K for discussion of the
project on the H-Type Groups

11.Teaching Experience :

(i) Assistant Prof. in Unity women's College , Manjeri -A Government Aided College affiliated to
University of Calicut. Kerala for 2 years (01.12.1999 to 30.10.2001)

(ii) Associate Professor & Head of the Dept in S S College Areacode,Malappuram,Kerala -A
Government Aided College affiliated to University of Calicut. Kerala for the last 20 years
(31.10.2001 - 31.05.2021).

(iii)Associate Professor(Adjunct) Dept of Math S S College Areecode, Malappuram
Kerala(31.05.2021 onwards)

12 Affiliation to Academic bodies:

International

1. Member of American Mathematical Society

National

(i)Subject Expert in the Board of Studies Syllabus Revision Commitee for FYUGP in
University of Calicut 2024

(ii) Member of the Board of Studies in Math, Christ College,Irinjalakuda

(iii) Member of the Board of Studies in Math,St.Joseph College, Irinjalakuda(2018-2021)

(iv)Member of the Board of Studies in Math,Vimala College ,Thrissur(2018-2022)

(v)University nominee in the Board of Studies of Math,St.Thomas College,Thrissur(2019-2021).

(vi)Member of the PG Board of Studies in Math, Sreenarayanaguru
Open University,Kollam(2020-2023)

(i)Member,PG Board of Studies in Math,University of Calicut.(2016-2019)

(ii) Member,UG Board of Studies in Math,University of Calicut(2011-2016)

(iii) Chairman , Board of Studies in Math , MES College Mampad(2015-2018)

(iv)Member,Board of Studies in Math,Faroke College, Faroke(2015-2017)

University Nominations:

(i) VC Nominee for the Research Admission Commitee of St.Joseph College Irinjalakuda

(ii) VC Nominee for the research Admission Commitee of Sree Kerala Varma College Thrissur.

(iii) VC Nominee for the research admission Commitee of St.Mary's College, Thrissur

(iv) VC Nominee for the Research Admission Commitee of Vivekananda College, Kunnamkulam

Inspection Committee

(i) Subject expert in the Commitee for Research Center in Math at Farook College

Academic Committee

(i) Subject expert in Math in FYUGP(Four Year UG Programme) University of Calicut 2023.

13. Publications :

I International Journals :

1. G Sajith, P K Ratnakumar, *Gelfand Pairs, K-spherical means and injectivity on the Heisenberg group* ,J. D'Analyse Math. 78(1999)245-262
2. G.Sajith , S.Thangavelu , *On the injectivity of Twisted spherical means on \mathbb{C}^n* , Israel J. Math.122(2001)79-92.

II Conference Proceedings :

1. *Integral Geometry on the Heisenberg Group* , 2nd international Conference on Recent Advances in Pure and Applied Mathenmatics, Istanbul ,Turkey 3-6 June 2015.
- 2.*Harmonic Analysis on H-Type Groups* , Proceedings of ICM 2014 ,COEX Seoul,Korea,August 13-21, 2014.

III References in Books :

- 1.*Harmonic Analysis of mean periodic functions on Symmetric Spaces and the Heisenberg Group* - Valery V Volchkov, Vitaly V Volchov- Springer Monographs in Mathematics .

13 Participation in Academic Activities

I . Workshops/Conferences /Seminars

International

1. Visisted Prof Jacques Farauat (“Analyse Algebrique” Institute de Mathematiques Universitie Pierre et Marie) Paris Cedex 05 France from 30 October23 to 8 November 2023
2. Participated in International conference on “Modern Trends in Harmonic Analysis” at the International Centre for Theoretical Sciences (ICTS - TIFR) Bangalore during June26,2023 to July07,2023
2. Participated in the Syposium on Harmonic Analysis in Indian Institute of Science(IISc), Bangalore during July25,2022 to July27,2022
3. Attended as a Tutor in the Advanced Instructional school on Harmonic Analysis at NISER Bhubaneswar sponsored by National Center for Mathematics,Mumbai from Dec17,2018 to January 5,2019
- 4.Delivered a talk on *Integral Geometry on. the Heisenberg Group* in the International Conference on Harmonic Analysis at Indian Institute of Science (IISc)Bangalore during 16-21Dec 2017
- 5.Attended in the *Workshop on Geometry and Analysis on C R Manifolds* ,Harish-Chandra Reasearch Institute,Junsi,Allahabad,India 10 -17 October 2016.
6. Attended and presented a paper in *2nd international Conference on Recent Advances in Pure and Applied Mathenmatics*, Istanbul ,Turkey 3-6 June 2015.
7. Participated and had a presentation entitled *Harmonic Analysis on H-Type Groups* ,in the ICM 2014 ,COEX Seoul,Korea,August 13-21, 2014.
- 8.Attended in the 13th Discussion Meeting on Harmonic Analysis held at the Institute of Mathematical Sciences Chennai 16-19 Dec 2013.
- 9.Attended the Twelfth Discussion Meeting on Harmonic Analysis held in Indian Statistical Institute , Kolkata during 27.12.2011 to 29.12.2011.

10. Attended the Satellite Conference on Harmonic Analysis of ICM-2010 in National Institute of Science Education and Research , Bhubaneswar, India from 29.08.2010 - 2.09.2010.

11. Participated in the International Congress of Mathematicians-2010 held in Hyderabad, during 19.08.2010 - 27.08.2010 .

12. Attended the Eleventh Discussion Meeting on Harmonic Analysis held at National Institute of Science Education and Research , Bhubaneswar, India from 6.01.2010 - 9.01.2010.

National

13. Attended in the Workshop on Spectral Theorem at Kerala school of Mathematics, Calicut, Kerala School of Mathematics Kozhikode held from 15.06.2009 - 16.07.2009

14. Attended in the Conference on Harmonic and Functional Analysis at IIT Kanpur from 22.12.2006 - 24.12.2006.

II . Workshops/Conferences /Seminars

National

1. Delivered an Invited talk on “Revisiting Algebra and Geometry - A Graduate’s Peep” in St. Mary’s College Thrissur on 16th December 2024.

2. Given an Introductory Course on Measure theory as a Resource person in the National workshop on Analysis held at Kerala School of Mathematics (KSOM) Kerala during 29th July- 2nd August 2024

3. Participated as a subject expert in the Board of Studies (Math) workshop held at University of Calicut during 15th Jan 2024 -17th Jan 2024

4. Participated in the International Conference DMHA held from 18th December 2023 to 22nd December 2023 at IIT Guwahati.

5. Delivered an invited talk on Topology, Geometry and Analysis in Vidyamritham 2023 Extr Mural Lecture Series on 20 October 2023 at Dept of Math School of Physical Sciences Amrita Vishwa Vidyapeetham Kochi Campus.

6. Delivered an invited Talk “On Real Analysis” on 24th July 2023 at Dept of Math Vimala College Thrissur

7. Participated in the Young Harmonic Analysis Discussion Meeting from 26th January 2023 to 28th January 2023 at the Department of Math IIT Mumbai.

8. Delivered an invited talk on Non - Commutative Harmonic Analysis in the Refresher Course conducted by Kannur University on 13 January 2023.

9. Delivered an invited talk in the Refresher Course in the Mathematical Sciences at the University of Calicut from 25 October 2021 & 26 Oct 2021

10. Delivered a talk as a resource person in the Pi- day Lecture Series on “ Algebra, Geometry and Analysis - A bird’s eye view” in St. Thomas College, Thrissur on 17th March 2021.

11. Delivered lectures as a resource person in Kerala School of Mathematics in KSOM-TNP from 26-31 December 2019

12. Delivered lectures on Analysis as a Resource person for KSOM outreach Programme at TMG College and Govt Arts and Science College Kozhikode during 27-28 Nov 2019

13. Delivered an invited talk on *Integral Geometry* in the UGC National Seminar on Real and Complex analysis organized by Sree Narayana College, Alathur Palakkad during 25-26 March 2019.

14. Delivered lectures as a resource person in Kerala School of Mathematics in KSOM-TNP from 26-30 December 2018
15. Delivered a Talk on *An Invitation to Harmonic Analysis* in the National Seminar on functional Analysis sponsored by The Dept of Collegiate education in Government Brennan College , Dharmadam during 28-29 Sept 2018.
16. Delivered an invited talk on *Real Number System-A Bird's Eye view* sponsored by Kerala State Council for Science , Technology and Environment on 13th August 2018 at Sree Kerala Varma College Thrissur.
17. Delivered a talk on *On the Road to Fourier* in Madhaveeyam Lecture Series organized by Govt. College Chittur organized by KSCTE on 8th August 2018.
18. Delivered lectures on *Mathematical Analysis* at CKGM Govt. College Perambra in a Three day Workshop during 4-6 January 2018.
19. Delivered an invited talk on *Functional and Harmonic Analysis* at Govt College Mokeri during 8-9 Dec 2016.
20. Delivered a talk on *Invitation to Integral Geometry* at Govt. college Ksaragod during 1-2 December 2016.
21. Delivered an invited talk on *Algebra to Analysis* in the UGC National seminar Conducted by Dept. of Math. DB College, Sasthamcotta 18-20 Feb 2016.
22. Delivered a Talk on *Foundations of Mathematical Analysis* in the Innovation Programme conducted by Dept of Math, WMO College , Muttill Wayanad on 4th March 2016
23. Delivered a Talk on *Algebra, Geometry and Analysis* in the national Seminar conducted by Dept of Math, Government College , Madappilly sponsored by the Directorate of Collegiate Education, Kerala from 7-9 January 2016.
24. Delivered a Talk entitled *Common Domains for Complex Analysis and Harmonic Analysis* in the National Seminar Conducted by PG Dept., PTM Government College , Perinthalmanna during 29-30 Oct 2015.
25. A resource person in the three day workshop on *Mathematical Analysis* organised by the Dept. of Mathematics, Government Arts and Science College , Kozhikode, Kerala sponsored by the Directorate of Collegiate Education, Kerala from 7-9 October 2015.
26. A resource Person in the two day National Seminar on *Fourier Analysis and its Applications* organised by the Dept of Math PSMO College Thirurandgadi from 12-13 Feb 2015
27. Delivered a talk on *On the integral Geometry* on the UGC National Seminar on Geometric Analysis conducted by Dept of math, NSS College Nemmara in Collaboration with KMA on 2-3 Dec 2014.
- 28. Delivered an invited talk on *Analysis* at Science Academies' Lecture workshop on New vistas in Topology and Analysis at St. Joseph college Irinjalakuda. during 6-8 November 2013.**
29. Delivered a talk on *Functional Analysis* in the UGC sponsored Instructional Seminar on Recent Advances in Math from 25-27 Sept 2014 organised by Dept of Math St. Mary's College in association with KMA .
- 30. Delivered an invited talk on *Linear Algebra and its Applications* in the Faculty Development Programme of National institute of Technology Calicut from 07.07.2013 to 14 .07.2013**
31. Delivered an invited talk on *Matrix Groups* in the National Seminar on Analysis and Geometry organized by Dept. of Math, TMG College Tirur, Kerala from 23.01.2013 to 24.01.2013.
32. Delivered a talk as a Resource Person for the Career Development Workshop in Mathematics organized by Farook College , Calicut on 06.08.2012

33. Delivered an invited talk on *Geometry* at St. Joseph's College , Devagiri, Calicut, Kerala in connection with the inauguration of the Mathematics Association on 07.02.2012

34. Delivered an invited talk on *Geometry and Beyond* at Unity College , Manjeri ,Kerala in connection with the inauguration of the Mathematics Club on 04.11.2011

35. Delivered an invited talk on *The injectivity problems on the Heisenberg Group* in the Faculty Development Programme of National Institute of Technology, Calicut from 29.11.2010 to 03.12.2010

36. Delivered an invited talk on *Injectivity on \mathbb{H}^n* in the National Conference on Operator theory and Applications organized by the PG Dept. and Research Center in Math, Payyanur College, Payyanur held from 1.10.2009 to 2.10.2009 .

III Other Academic Engagements

1. Member of the Advisory Committee in the National Workshop on Trends in Partial Differential Equations from 16 Feb 2023 -17th Feb 2023 (Chair of the Inaugural Lecture) in St Joseph's College Irinjalakuda.

2. Academic Coordinator of the National Seminar on Topology 2022 of Christ College Irinjalakuda.

3. Coordinator for the Indian Science Academy Lecture Workshop (international) held at SSCollege Areekode in Dec 2017

4. NAAC Coordinator of the UGC Accreditation Committee, S S College Areekode for 2010- 2015.

5. Coordinator for two UGC sponsored workshops in SSCollege Areekode. (in 2011 and in 2014)

6. Appointed as a judge for Kerala State School Science, Mathematics , Social Science Fair 2012-13 held at Calicut on 27.11.2012

7. Appointed as a Subject Expert in math of the Interview Board of Kerala State Public Service Examination for Higher Secondary Teachers (Two times)

8. Appointed as a Question paper setter for Mathematics in the Higher Secondary Board for Kerala State in 2007.

IV Online Resources for Students

You tube Channels

1 sajith govindan kutty menon

2 Infinity SSCMath

V References

1. Prof. Faraut Jacques

Equipe "Analyse Algebrique"

Institute de Mathematiques,

Universite Pierre et Marie Curie

PARIS CEDEX 05

jacques.faraut@imj-prg.fr

2. Prof. S Thangavelu

Dept of Mathematics

Indian Institute of Science

Bangalore INDIA

veluma@iisc.ac.in

3 Prof. K Parthasarathy

Ramanujan Institute for

Advanced Study in Mathematics

Chennai INDIA

krishnanp.sarathy@gmail.com

4. Prof E K Narayanan

Dept of Mathematics

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Bangalore INDIA

ek.narayanan@gmail.com