

DEVICHANDRIKA V



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Permanent address:

Ishwari Nilaya,
Bangra Manjeshwar, Po.
Manjeshwar, Kasaragod, Kerala
PIN:671323.

Personal data:

Date of Birth: 02/02/1996

Gender: Female

Marital Status: Married

Languages known:

English, Hindi, Kannada,
Malayalam.

Career Objective:

Seeking a challenging career in teaching and research. An organized and hardworking individual looking for a good position to make use of my teaching and communication skills to become a professor in mathematics because there are teachers who inspired me a lot.

Academic Record:

Post Graduation in Mathematics (2016 - 2018)

Central University of Kerala

Scored 94.7 %

Graduation in Mathematics (2013 - 2016)

Government College Kasaragod,

Kannur University

Scored 93 %

HSC (2013)

Kendriya Vidyalaya, N0.1, CPCRI,
Kasaragod

Scored 87.2 %, CBSE

SSLC (2011)

Kendriya Vidyalaya, No.2, Mangalore

Scored 95 %, CBSE

Area of interest:

- 1) Algebraic geometry
- 2) Topology
- 3) Differential equations
- 4) Linear algebra
- 5) Discrete mathematics
- 6) Calculus
- 7) Super Algebra
- 8) Graph Theory
- 9) Super Geometry

Publications and Preprints:

- 1) Archana S. Morye, Aditya Sarma Phukon, V. Devichandrika, **Notes on Super Projective Modules**, Indian Journal of Pure and Applied Mathematics, 2022, {10.1007/s13226-022-00336-4}.

- 2) Archana S. Morye, Abhay Soman, V. Devichandrika, **The Serre-Swan Theorem in Super Geometry**, Differential Geometry and its applications, 2026, {10.1016/j.difgeo.2026.102377}
- 3) V. Devichandrika, **Explicit Super-Linear Algebra over $K[01, 02]$: A General Berezinian Correction Formula and Multiplicativity Theorem for Arbitrary Block Size**, Journal of Algebra and its Applications, 2026, <https://doi.org/10.48550/arXiv.2609.05148>

Presentation at Conferences:

- 1) Oral presentation on “**A Comparative Review of Benchmarking Approaches for Graph Algorithms and Graph Processing Systems**” at **National Conference (SCOPE)** organized by St Aloysius (Deemed to be University) on 1st September 2026.
- 2) Oral presentation on “**Deep Learning and Multimodal Approaches for Speech Emotion Recognition: A Review on Methods, Datasets, and Open Challenges**” at **National Conference (SCOPE)** organized by St Aloysius (Deemed to be University) on 1st September 2026.
- 3) Oral presentation on “**A Graph Neural Network Approach for Link Prediction in Bipartite Drug-Target Interaction Networks**” at the 7th **International Conference on Data Science, Computation and Security (IDSCS-26)** organized by St Aloysius (Deemed to be University) during 9-10 October 2026.
- 4) Oral presentation on **Notes on Super Projective Modules** at **National Conference on the Recent Developments in Mathematical Sciences - 2024 (NCRDMS - 2024)** organized by University of Hyderabad during 12 - 14 February 2024.
- 5) Oral presentation on **Notes on Super Projective Modules** at 89th **Annual Conference of the Indian Mathematical Society - An International meet (IMS 2023)** held at BITS Pilani, Hyderabad Campus during 22 - 25 December, 2023.
- 6) Oral presentation on **Study of some super geometric objects** at **International Conference on Special Functions and Applications (ICSFA - 2023)** organized by Department of Mathematics, Pondicherry University during 02 - 04 November, 2023.
- 7) Oral presentation on **Notes on Super Projective Modules** at 37th **Annual Conference of RMS** organized by SSN College of Engineering Chennai during 06-08 December 2022.

Workshops, Conferences and FDPs conducted:

- 1) **Coordinated Five Days Online Faculty Development Programme (FDP) on "Technical Writing Using LaTeX,"** School of Engineering, St. Aloysius (Deemed to be University), Mangaluru, July 13 - July 17, 2026.
- 2) **Convener** for for **IDSCS 2026 (7th International Conference on Data Science, Computation and Security 2026)** held at St Aloysius (Deemed to be University) from 9th -10th October 2026.

Participation in Workshops, Conferences and FDPs:

- 1) Five Days Faculty Development Program on "**Quantum Computing**," Pillai College of Engineering, New Panvel, June 29 - July 3, 2026.
- 2) Six Days Online Faculty Development Programme (FDP) on "**NEP-Driven Next Generation Engineering Mathematics Pedagogy: Application-Centric Learning with Computational Tools**," Division of Electronics and Communication Engineering, Karunya Institute of Technology and Sciences, Coimbatore, June 22 - June 27, 2026.
- 3) Six Days National Level Faculty Development Program (FDP) on "**Generative & Agentic AI - Tools & Demo's**," Department of CSE, Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat, February 16 - February 21, 2026.
- 4) Seven Days Online FDP on "**Emerging Trends in Research Methods and Teaching Pedagogy**," SDM Law College, Mangaluru, January 5 - January 11, 2026.
- 5) **Kanachur Life Supporting Training** at Kanachur Institute of Medical Sciences, on December 12, 2025.
- 6) **Incubation Awareness workshop** conducted under RAMP scheme at St Aloysius (Deemed to be University), October 14, 2025.
- 7) National Workshop on **AI in Health Care: Beyond the Buzz**, Organized by Eka Care and St Aloysius (Deemed to be University), September 26, 2025.
- 8) **A Hands-on National Workshop on Data-Driven Cardiology and GenAI Models** Organized by St Aloysius (Deemed to be University), September 22, 2025.
- 9) National Workshop on **Intelligence with Integrity: Research in the Time of AI**, organized by St. Aloysius (Deemed to be University) on September 18, 2025.
- 10) Attended **RRS-PBL** held at Anurag University, Hyderabad from December 19 - December 21, 2024.
- 11) Participated in the conference **Vector bundles in Chennai** held at IIT Madras from February 06 – February 11, 2023.
- 12) Participated in **International Conference on Fractional Calculus** organized by the school of Mathematics and Statistics University of Hyderabad during January 18 - January 19, 2022.
- 13) **Annual Foundation School (AFS)-2** Algebra, Analysis and organized by Shiv Nadar University, Noida conducted through online mode from November 29 - January 8, 2022.

- 14) Participated in the **National Conference on Recent Trends in Mathematics** organized by IQAC and Department of Mathematics SPKM Sawantwadi on 27th August 2021.
- 15) **Annual Foundation School (AFS)-3** Algebra, Analysis and Topology held at NISER Bhubaneswar during July 1 - July 27, 2019.
- 16) **Annual Foundation School (AFS)-1** Algebra, Analysis and Topology held at University of Hyderabad during May 6 - June 1, 2019.
- 17) Attended the **summer workshop** for M. Sc students held at Kerala School of Mathematics (KSOM) Kozhikode, Kerala from April 23 - May 5, 2018.
- 18) Certificate for participating in the course "**Matrix –Analytic methods in Queueing models**" (GIAN) at Central University of Kerala during January 15 - January 25, 2018.
- 19) Certificate for participating in the **Workshop Indian Women and Mathematics**; Regional Workshop on **Research and Opportunities** at CUSAT Kerala during January 2 - January 3, 2018.
- 20) Attended the Science academies lecture workshop on **harmonic analysis** organized by S. S College Areacode from December 6 - December 7, 2017.
- 21) Certificate for participating in a **National Seminar on Glimpses of Analysis and Geometry** at Government College Kasaragod from December 1 - December 2, 2016.
- 22) Attended the **National Workshop on Fixed Point Theory & Applications** at Central University of Kerala during October 13 - October 14, 2016.

Certificate Courses:

- 1) Fourteen Days Interdisciplinary Refresher Course on "**Mathematical Foundations of Contemporary Scientific Research**," Malaviya Mission Teacher Training Centre (MMTTC), Kannur University, Kerala, July 15 - July 28, 2026.
- 2) Six Days Short-Term Programme (STP) / Faculty Development Programme (FDP) on "**Crafting and Teaching Interactive Cases using Blended Learning Techniques**," UGC - Malaviya Mission Teacher Training Centre, Central University of Gujarat (in academic collaboration with JECRC University, Jaipur), July 6 - July 11, 2026.
- 3) Completed the **Advanced level** of the Innovation Ambassador Training conducted by MoE's Innovation Cell & All India Council for Technical Education.

- 4) Completed the **Foundation level** of the Innovation Ambassador Training conducted by MoE's Innovation Cell & All India Council for Technical Education.
- 5) **Data Science Math Skills**, Duke University (via Coursera), January 2025.

Professional Services:

- 1) Session Chair for **IDSCS 2026 (7th International Conference on Data Science, Computation and Security 2026)** held at St Aloysius (Deemed to be University) on 9th October 2026.
- 2) Reviewer for the conference proceedings **IDSCS 2026 (7th International Conference on Data Science, Computation and Security 2026)**.
- 3) Judge for the International Workshop on "**Hardware to Intelligent Systems**" held at St Aloysius (Deemed to be University) from 5th -8th October 2026.
- 4) Judge for the **National Conference on "Recent Trends in Mathematical Sciences"** held on January 9, 2026, at **St Aloysius (Deemed to be University)**.

Examinations Qualified:

- 1) Qualified CSIR – NET in June 2018 session. (Rank 37)
- 2) Qualified Karnataka SET Exam in December 2017.

Projects:

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| 1) | Title: Interval Chaos
Under supervision of Dr. Ali Akbar K | Central University of Kerala
2018 |
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Student Projects:

- 1) **A Comparative Review of Benchmarking Approaches for Graph Algorithms and Graph Processing Systems** presented at **National Conference (SCOPE)** organized by St Aloysius (Deemed to be University) on 1st September 2026.
- 2) **Deep Learning and Multimodal Approaches for Speech Emotion Recognition: A Review on Methods, Datasets, and Open Challenges** presented at **National Conference (SCOPE)** organized by St Aloysius (Deemed to be University) on 1st September 2026.

Experience:

- 1) **Assistant Professor Grade 1** in School of Engineering (Mathematics) at St. Aloysius (Deemed to be University) since 1st August 2025.
- 2) **Assistant Professor** (Mathematics, Department of Freshmen Engineering) at St. Peters Engineering College, Hyderabad, from 15th July 2024 to 15th June 2025.
- 3) **Teaching assistant** for various courses at School of Mathematics and Statistics, University of Hyderabad from 2019 June to 2021 June.

Additional Information:

- 1) Pursuing Ph. D in Algebraic Geometry at University of Hyderabad and currently writing thesis.
- 2) Ratified as Assistant Professor by JNTU Hyderabad on 17th January 2025.

Extra -Curricular Activities:

- 1) Certificate for **National Workshop on ORIGAMI** organized by IQAC and Department of Mathematics SPKM Sawantwadi on 6th October 2021.
- 2) Did a course on '**Introduction to French**' at University of Hyderabad during January 2020 to April 2020.
- 3) **Practical Associate** for the **Inspire Internship Science Camp** held at Central University of Kerala on 30 December 2017.
- 4) Attended a one-day Sensitization program on '**Causes and Impact of Drug Abuse among Students**' organized by the **Department of Social work, Central University of Kerala** in collaboration with **National Institute of Social Defense (NISD) New Delhi** on 26th October 2017.

Declaration:

I hereby declare that all the particulars mentioned above are true to the best of my knowledge.

DEVICHANDRIKA V