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# GOVERNMENT COLLEGE MOKERI

## TEACHERS PROFILE

1	NAME	Nidhish Unnikrishnan			
2	DEPARTMENT	Mathematics			
3	DATE OF BIRTH	18-12-1989			
4	PEN	807559			
5	DESIGNATION	Assistant Professor			
6	DATE OF JOINING SERVICE	17-07-2017			
7	EMAIL ID	nidhishunnikrishnan@gmail.com, nidhishunnikrishnan@yahoo.com			
8	MOBILE NUMBER	9447362795, 9441007195			
9	QUALIFICATION	MSc Mathematics, CSIR-JRF (NET)			
10	OFFICIAL ADDRESS	Dept. Of Mathematics, Govt. College, Mokeri, Kozhikode Dt. PIN: 673507			
11	RESIDENTIAL ADDRESS	Kousthubham, Karimpuzha P. O., Sreekrishnapuram, Palakkad Dt., Kerala PIN: 679513			
12	AREA OF INTEREST	Point-set Topology			
13	TEACHING EXPERIENCE	UG	PG	MPHIL	OTHER
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### 14 DETAILS OF SERVICE RENDERED:

SL NO	NAME OF THE INSTITUTION	FROM	TO
1	Govt. Victoria College, Palakkad	17-07-2017	30-08-2017
2	Govt. College, Thrithala	01-08-2018	07-09-2020
3	Govt. Victoria College, Palakkad	09-09--2020	18-07-2024
4	Govt. College, Mokeri	19-07-2024	

### 15 SUBJECTS HANDLED

- PG: Algebra I, Algebra II, Linear Algebra, Topology, Measure & Integration, Algebraic Topology
- UG: Abstract Algebra, Real Analysis, Complex Analysis, Vector Calculus, Differential Equations, Calculus I & II, Elementary Number Theory, Complementary Mathematics

### 16 ACADEMIC RESPONSIBILITIES UNDERTAKEN:

NIL

### 17 DUTIES PERFORMED: (INVOLMENT IN STUDENT RELATED ACTIVITIES)

- Staff Advisor to Students Union, Govt. Arts & Science College, Thrithala 2019-2020
- Staff Advisor to Students Union, Govt. Victoria College, Palakkad 2023-2024
- Coordinator of Student's Grievance Cell, Govt. Victoria College, Palakkad, 2022-23.
- Member of SC/ST Grievance Cell, Govt. Victoria College, Palakkad, 2021-24

- Member of Anti-Harassment Cell, Govt. Victoria College, Palakkad, 2021-24
- Member of Rahasya Parathi Parihara Cell, Govt. Victoria College, Palakkad, 2021-24
- Member of Women Cell, Govt. Victoria College, Palakkad, 2021-23
- Member of Anti-Ragging Cell, Govt. Victoria College, Palakkad, 2021-24
- Member of Anti-Narcotics Cell, Lahari Virudha Cell, Govt. Victoria College, Palakkad, 2021-24

#### **18 SEMINARS/WORKSHOPS ORGANISED:**

- Organised DCE Sponsored Workshop on Multivariate Calculus at Govt. Arts & Science College, Thrithala, 2018.
- Organised DCE Sponsored Workshop on Science & Pseudoscience at Govt. Arts & Science College, Thrithala, 2019.
- Organised DCE Sponsored National Seminar on “100 Years of Point-set Topology” at Govt. Victoria College, Palakkad, on 6,7,8 December 2023.
- Organised Lecture by Prof. K. D. Joshi on “Urysohn & Beyond” at Govt. Victoria College, Palakkad, on 2<sup>nd</sup> February 2024.

#### **19 SEMINARS ATTENDED**

- International Workshop & Conference on Analysis and its Applications (SHKFest), 2018, at IIT Madras, June 18-22.
- Pedagogical Training for Mathematics Teachers Programme (PTMT 2019), organised by MTTTS, April 6-12, 2019 at Govt. College, Chittur, Palakkad.
- International Workshop and Conference on Topology and Applications (IWCTA), 5-11 December 2018 at Rajagiri School of Engg. & Technology
- One Day Workshop on Introduction to Topology, 30<sup>th</sup> January 2019 at Rajagiri School of Engg. & Technology.
- Indian Women and Mathematics (IWM) Annual Conference 2019, June 10-12, 2019 at IIT Bombay.
- 34<sup>th</sup> Annual Conference of Ramanujan Mathematical Society, August 1-3, 2019.
- 3-Day Teachers’ Training Programme organised by DCE Kerala, 15-17 July 2022 at IISER Trivandrum.
- 89<sup>th</sup> Annual Conference of Indian Mathematical Society, Dec 22-25, 2023 at BITS-Pilani Hyderabad Campus, Hyderabad.
- National Seminar on “India Against Intolerance” organised by Mohammad Abdurahiman Chair for Secular Studies, University of Calicut on 28, 29 July 2024.

#### **20 WORKSHOPS ATTENDED**

#### **21 REFRESHER COURSES ATTENDED:**

#### **22 ORIENTATION PROGRAMMES ATTENDED:**

#### **23 FIELD OF RESEARCH:**

Point-set Topology, Topological Structures, Topological Dimension Theory, Cardinal & Ordinal Invariants

#### **24 RESEARCH PROJECTS UNDERTAKEN:**

#### **25 GUIDESHIP DETAILS**

#### **25 RESEARCH PUBLICATIONS**

1. Study of Transitivity Through Steepness, with V. Kannan, Rakhee Basu, and Kunal Sannyasi, Topology Proceedings, Vol 52, 2018 (published May 12, 2017)
2. Functions Preserving Limit Superior, with V. Kannan, Rakhee Basu, and Kunal Sannyasi, College Mathematical Journal, 2017.
3. The Story of Metrisation and Related Conjectures, in Bulletin of the Kerala Mathematical Society, 2017
4. Compositional Square-roots of Quadratic Polynomials, with V. Kannan, preprint.
5. Simple Extensions of Topological Spaces: A Survey, with V. Kannan, preprint.
6. Parity of Fibre-sizes of Continuous Functions, with V Kannan, Rakhee Basu, and Kunal Sannyasi, preprint.

#### **26 BOOKS PUBLISHED:**

#### **27 PAPER PRESENTATIONS:**

**28 AWARDS /HONOURS/ PATENTS CONFERRED:**

**29 EXTENSION ACTIVITIES:**

**30 MEMBERSHIP IN ACADEMIC /ADMINISTRATIVE BODIES**

- Indian Mathematical Society, Life Member since 2014
- Ramanujan Mathematical Society, Life Member since 2014
- Kerala Mathematical Association, Life Member since 2019

**31 INTERNATIONAL EXPOSURE**

**31 ANY OTHER RELEVANT INFORMATION :**

**DECLARATION**

I DO HERE BY DECLARE THAT THE ABOVE FURNISHED INFORMATIONS IS TRUE TO THE BEST OF MY KNOWLEDGE.

Nidhish Unnikrishnan,  
Assistant Professor,  
Dept. Of Mathematics,  
Govt. College, Mokeri.