

# DIVYA C. SENAN

Assistant Professor Department of Education | University of Kerala

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Trivandrum, Kerala



## ACADEMIC BACKGROUND

2020-23: Master of Technology (MTech) in Educational Technology from NIIT University, Rajasthan, with an MS-2-level scholarship and an A grade.

2017-18: Post-Doctoral Fellow at National Space Science Technology Centre, Alabama, USA in Education Policy & Planning (Fulbright Fellowship)

2014-15: Post-Doctoral fellow at the Department of Atmospheric Science, University of Alabama in Huntsville, USA, in Environmental Education (Raman Fellowship).

2008-12: Doctor of Philosophy (Ph.D.) in Education from University of Kerala

2002-04: Master of Education (M.Ed.) from Mahatma Gandhi University with 1st Class and 2nd Rank.

1998-2000: Master of Science (M.Sc.) in Physics (Non-Conventional Energy) from Mahatma Gandhi University (2000) with 1st Class and 1st Rank

## KEY ACHIEVEMENTS

2024: Visiting Professor, University of Southampton, UK.

2020: MS 2 Level scholarship for MTech Educational Technology from NIIT University.

2019: BECC Fellowship, Morris S. Smith Foundation, USA.

2019: Outreach Lecturing Fund Travel Award, Institute of International Education, NY, USA

2018: Precourt Fellowship, Precourt Institute, Stanford University, USA.

2018: Outreach Lecturing Fund Travel Award, Institute of International Education, NY, USA.

2017: Fulbright- Nehru Post-Doctoral Fellowship.

2014: UGC Raman Post-Doctoral Research Fellowship for Indian Scholars in USA.

2004: Silver medalist, Masters in Education, Mahatma Gandhi University, Kerala, India.

2000: Gold Medalist, Masters in Physics, Mahatma Gandhi University, Kerala, India

## AWARDS

Best Teacher Educator National Award, NCTE, MHRD, Govt. of India, 2020	Chanakya Best Teacher Educator National Award, IITE, Govt. of Gujarat, 2021
Highest Research Grant Award, University of Kerala, 2025	Session's Best Paper Award, 20th World-Conference on Systemics, Cybernetics, and Informatics, Orlando, Florida, USA, July 5-8, 2016.

## PROJECTS

**Climate Change Research, Energy Education and Training for Ecological Sustainability (CREATE)**

Funded by SPARC, Ministry of Education, Govt. of India (2023 – ongoing), Sanctioned Budget: Rs.55,02,941/-

**Skill Training and Assessment to Empower Women for Science Careers through Innovative Gender Responsive STEM Pedagogy**

Funded by ICSSR, Govt. of India (2024 – ongoing) Sanctioned Budget: Rs.13,00,000/-

**Classification and Prediction of Slow Learners and Advanced Learners using Artificial Intelligence**

Funded by University of Kerala (2025 – ongoing) Sanctioned Budget: Rs.1,50,000/-

## ADMINISTRATIVE RESPONSIBILITIES

- Member, Core Committee, National Professional Standards for Teachers, NEP 2020, Govt. of India.
- Member, Steering Committee for Teacher Education, State Curriculum Framework, Directorate of Education, Lakshadweep Administration, NEP 2020, Govt. of India.
- State Coordinator, 'Ek Bharat Shreshtha Bharat' project, IITE, Gujarat
- Member, Core Committee, Pragyatha Guidelines, CIET, Govt. of India, 2022
- Hon. Director, Centre for Learning Engineering & Sustainability Education, University of Kerala.
- Member, Core Committee, Four Year Under Graduate Programme, University of Kerala, 2023
- Member, Board of Studies (Education), Manonmanian Sundaranar University, Tamil Nadu.
- Member, Board of Studies & Faculty of Education, University of Kerala.
- Member, Board of Sciences and Academy of Science, Indian Institute of Teacher Education, Gandhinagar, Gujarat
- Member, Academic Committee, Certificate and Profile for School Leaders, Govt. of India
- Assistant Director, Centre for Global Academics, University of Kerala, 2017-18
- Member, IQAC, University of Kerala, 2017-18
- USIEF-Fulbright Campus Representative, University of Kerala
- Member, Examination Reform Committee, University of Kerala, 2019
- Member, Curriculum Reform Committee, University of Kerala, 2017-2022
- Member, NAAC Committee, University of Kerala, 2020
- Criteria Convenor, NIRF, University of Kerala, 2022
- Evaluation Expert for Fulbright Teaching Assistance Programme
- Educational Advisor and consultant, IEFAUSA, International Educational Foundation, USA
- Educational Consultant, Nanoskool, Bangalore.

## PUBLICATIONS

[https://doi.org/10.1007/978-3-031-46109-5\\_15//](https://doi.org/10.1007/978-3-031-46109-5_15//)  
Role of Value Orientation and Belief in Shaping Indian Pre-service Teachers' Personal Norms to Address Climate Change (2023)

[https://doi.org/10.1007/978-3-031-43559-1\\_75//](https://doi.org/10.1007/978-3-031-43559-1_75//)  
Energy Literacy Scale (ELS): Validated Survey Instrument to Measure Energy Knowledge, Attitude, and Behaviour (2023)

<https://doi.org/10.1016/j.egy.2022.03.185>  
Clustering and Exploring University students' Knowledge and Attitude towards Energy Sustainability (2022)

<https://doi.org/10.4324/9781003176558>  
Harithalayam Campus Farming Mission: A case study in Kerala (2021)

<https://doi.org/10.1007/978-981-15-5955-6>  
Energy Literacy of University Graduate Students: A Multidimensional Assessment in Terms of Content Knowledge, Attitude, and Behaviour(2020)