

# **CURRICULUM VITAE**

## **DR. R.D. PADMAVATHY**

### **Assistant Professor (Stage-2)**

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### ***Academic Identities:***

- **VIDWAN ID** : <https://tezu.irins.org/profile/116485>
- **ORCID ID** : <https://orcid.org/0000-0002-1299-3885>

***Research Publications: h-Index : 4 ; i10 -Index : 3 ; Citations: 337***

### ***ACADEMIC QUALIFICATIONS***

- |                                  |   |
|----------------------------------|---|
| • Ph.D. (Mathematics Education)  | • B.Ed. (Teaching of Mathematics)       |
| • M.Sc., M.Phil. (Mathematics)   | • PGDCA                                 |
| • M.Sc. (Psychology)             | • PGDIT (Instructional Technology)      |
| • M.A. (English)                 | • PGDACE (Adult & Continuing Education) |
| • M.Ed. (Educational Technology) |   |

### ***AREAS OF SPECIALIZATION***

- |                         |                             |
|-------------------------|-----------------------------|
| • Mathematics Education | • Digital Learning Sciences |
| • Cognitive Psychology  | • Educational Statistics    |

### ***ELIGIBILITY TESTS***

- UGC-JRF/NET (Education) - Educational Technology
- UGC-NET (Education) - Special Education
- Qualified Teacher Eligibility Test (TET, CTET)

### ***AWARDS AND HONORS***

- University Grants Commission Junior Research Fellowship
- Pondicherry University Merit cum Means Fellowship
- Best Research Paper Award for 'Research Trends of Mathematics Education in India'

- Certificate of Excellency for being the topper in "Pedagogy for Online and Blended Teaching-Learning Process" from IIT Bombay under PMMMNMTT, MHRD, GOI

### ***PROFESSIONAL EXPERIENCE***

- Assistant Professor, Department of Education, Tezpur University, Assam (Current)
- Assistant Professor, Vetri Venkateswara College of Education, Puducherry
- Post Graduate Teacher, Education Department, Government of Tamil Nadu
- Post and Trained Graduate Teacher, Government-aided and Private institutions in Tamil Nadu and Pondicherry
- NET Coacher, Clarity Education Service, Pondicherry

### ***COURSES/SUBJECTS TAUGHT***

- |                                   |  |
|-----------------------------------|--|
| • Advance Statistics in Education | • Research and Innovation in Teacher Education |
| • Pedagogy of Mathematics         | • Psychological Foundations of Education       |
| • Human Growth and Development    | • Psychological Experiments                    |
| • Comparative Education           | • Assessment and Evaluation of Learning        |
| • Inclusive Education             | • Measurement and Evaluation                   |
| • Guidance and Counseling         | • Education and Development                    |
| • Understanding Disciplines       | • Learner and Learning                         |
| • Environmental Education         | • Value Education                              |
| • Educational Technology          | • School Internship                            |

### ***MEMBERS OF VARIOUS ACADEMIC AND ADMINISTRATIVE BODIES***

- Senior Warden and Warden Pobitora Madam Curie Women's Hostel, 2015-2018
- Coordinator of Integrated B. Sc. B. Ed. School Internship program during 2021-2023.
- Member of Departmental Advisory Committee, Tezpur University
- Member of Departmental Research Committee
- Member of Board of Studies for the Department of Education
- Member of Departmental Admission Committee
- Member of Departmental Student Feedback Committee
- Member of University and Departmental Anti ragging Committee (2015-2018)
- Life Member - All India Association for Educational Research (A.I.A.E.R),
- Life Member - Society for Educational Explorations (S.E.E)
- Life Member - Council for Educational Administration and Management (CEAM)
- Member - Comparative Education Society of India (CESI)

## **RESEARCH AND PROFESSIONAL ACTIVITIES: SUMMARY**

Research Articles in Scopus, Web of Science, UGC CARE	:	30
Peer Reviewed Journals	:	10
Books Published	:	4
Chapters in Books	:	15
Publications in Conference Proceedings	:	25
Patents	:	4
E-content Developments	:	3
Workshops Attended (More than a week)	:	20
Orientation and Refresher Courses	:	7
Faculty Development Programmes	:	15
Short-Term Courses/Training Programs	:	10
Invited Lectures at Conferences/Workshops	:	15
Invited Talks in Teacher Training Programmes	:	16
Conference/Seminar/Symposium Presentations	:	50
Ph.D. Supervision (ongoing)	:	3
P.G Dissertation Supervised	:	30

## **RECENT NOTABLE PUBLICATIONS**

- **Padmavathy, R.D. (2024).** Exploring the prevalence of Nomophobia and its Socio-demographic correlates among University Students in North East India. *African Journal of Biological Sciences*, 6(5), 2620-2635.
- **Padmavathy, R.D. (2023).** Techno stress in the age of Artificial Intelligence: Potential impact of AI on Mental Health and Well-being. *Indian Journal of Natural Sciences*, 14(80), 61241-61246.
- **Padmavathy, R.D. (2023).** NEP 1986 & NEP 2020: Teacher Education Key Differences, Trends and Challenges. *Education and Society*, SI-1/V-III, 113-119.
- **Padmavathy, R.D. (2022).** Metacognition and Mental Health: Unravelling the mediation effect of graduates' self-efficacy. *International Journal of Food and Nutritional Sciences*, 11(10), 2327-2334.
- **Padmavathy, R.D. (2022).** Awareness and attitude of post graduates towards changing climate and environment specific to North East India. *International Journal of Biology, Pharmacy and Allied Sciences*, SI 11(1), 459-469.

### **SELECTED BOOK CHAPTERS**

- **Padmavathy, R.D. (2024).** Human rights protection: Efficacy and challenges of national and international mechanism. In G.G. Kumbhare (Ed.), *Education and human rights (Past, present and future)*. ISBN: 978-93-6186-869-6
- **Padmavathy, R. D. (2024).** Education's Journey towards Sustainability: Bridging eras. In R. Kalita,(Eds.), *Social Science, Business, Management, Climate Change, Material, Energy, And Environment, Data Science, Artificial Intelligence Changing Perspectives Towards Sustainable Development* (pp. 8-13). Jyotikiran Publication. ISBN: 978-93-94819-86-3
- **Padmavathy, R.D. (2023).** Empowering the next generation: Investing in girls' futures. In T. Gupta (Ed.), *Harmonizing humanity for global development: Advancing gender equality and women empowerment* (pp. 178-187). ISBN: 978-93-91654-80-1
- **Padmavathy, R. D. (2023).** Inspiring case studies for SDGs implementation: Challenges and opportunities. In T. Gupta (Ed.), *Global goals: A primer to sustainable development goals* (pp. 168-184). EZ Education. ISBN: 978-93-91654-34-4
- **Padmavathy, R. D. (2022).** Carl Rogers Person-Oriented Approach ameliorates Higher Order Thinking Skill among University learners during COVID-19. In U. Pathak & P. Dixit (Eds.), *Learning to learn to transform the society* (pp. 65-75). University Book House. ISBN: 978-93-95215-14-5

### **SELECTED BOOKS AUTHORED**

- **Padmavathy, R.D., Talreja, R., Sharma, M., Varma, R., & Jyoti. (2024).** *AI in Education: Transforming Learning and Teaching*. Infinity Publication Pvt. Ltd. ISBN: 978-93-92917-14-1
- **Padmavathy, R.D., Kavitha, V., Praveena, R., & Nancy, C.J. (2023).** *Discrete Maths and Descriptive Statistics*. R K Publications House. ISBN: 978-81-19140-61-9