Resume

Name: Dr. Seema Rani Thappa

Designation: Assistant Professor

Department: Department of Teacher Education, Nagaland University, Kohima

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Academic Qualification: M.Sc. (Mathematics), M.Ed., Ph.D. in Education

Key Research Areas: Technological Pedagogical and Content Knowledge (TPACK), Indian Knowledge System, Curriculum Designing, Experimental Designing

Specialization:

- **Major:** Instructional Designing, Quantitative Research Methods, Science and Mathematics Education, Curriculum Studies, Teacher Education
- **Minor:** Designing e-Content Modules, Pedagogical and Content Analysis, Designing and Organizing Capacity Building Programme

Professional Recognition/Award/Prize/Certificate, Fellowship: NET-JRF, SET, CTET, University Gold Medal (2018), Senior Research Fellow Award

Professional Achievements and Contributions

(I) Publications (in various Journal and Edited Book): 17

a) Published Research Papers in Journals – Eight (8)

S.no.	Title of the Paper Published	Year	ISSBN	Vol	Issue	Page no.	Research Journal	Type of Journal
1.	Effect of Phobia Management Programme on Mathematics Anxiety of Secondary School Students	2017	2320-5237	5	1	7-19	Confluence of Knowledge	Peer reviewed
2.	Exploring Awareness for Technological Pedagogical and Content Knowledge (TPACK) In Pre-	2021	ISSN: 0976-8203,	11	1	1-14	MIER Journal of Educational Studies Trends & Practices	Web of Science

	Service Teacher Education Programme							
3.	Exploring Key Factors Leading to Low Performance in Mathematics of J&K Students in PISA	2022	1309-4653	13	03	174-185	Turkish Journal of Computer and Mathematics Education	Scopus
4.	Teachers' Techno-Pedagogical Competencies in Socio and Professional Contexts	2022	0976 – 0997	13	75	50789-50797	Indian Journal of Natural Science	Web of Science
5.	Efficacy of TPACK Framework through Blended Learning Approach: An Innovative Integrated Model in Post COVID-19 Era	2022	2278-2435	11	4	1-14	Education India: A Quarterly Referred Journal	UGC Care List
6.	Content Analysis of Life Skills in the 8th Grade Mathematics Textbook of NCERT	2023	2583-5289	02	03	01-06	International Journal of Multidisciplinary Comprehensive Research	Peer Reviewed
7.	Examining the Efficacy of Designed E-Content with reference to Learners Involvement & Satisfaction Level	2023	2347-7180	13	9	8-19	DR Research Journal	UGC Care List
8.	Perceived Potential of E-Assessment Strategies: An Innovative	2023	2319-3050	12	03	86-93	International Journal of Research Pedagogy and Technology in	Peer Reviewed

	Pedagogical Approach					Education and Movement Sciences	

b) Chapters Contributed in published books – Nine (9)

S.No.	Title of Article	Year	ISBN:	Page No.	Title of Book
1.	Perceived Potential of TPACK in Pre-Service Teacher Education Programme	2020	978-93-87916-71-5	171-189	JMI Conference Proceedings
2.	Technological Pedagogical and Content Knowledge in Education: An Analysis for Futuristic Implications	2021	978-93-90953-42-4	111-118	Meaningful Education (Edited Book)
3.	Integrating TPACK Framework in Teacher Education Curriculum: Necessitated Roadmap for NEP 2020	2022	978-93-94017-31-3	11-23	New Educational Policy: The New Era of Teacher Education (Edited Book)
4.	Exploring the Probable Technological Interventions for Sustained Implementation of NEP 2020	2022	978-93-95606-00-4	11-24	National Education Policy 2020 and its Implementation Strategies
5.	Innovative Pedagogical Practices in Mathematics	2022	978-93-91377-17-5	7-10	Chapter in Handbook of Enhancing Pedagogical Practices in Mathematics
6.	Ensuring Beneficial Usage of Technology: Footstep to Restore Essential Values	2022	978-93-91377-16-8	136-144	Human Values & Human Rights Amidst Covid-19 Pandemics Elevating Through Educational Interventions A Resource Book
7.	Emerging ICT Mediated Tools for Assessment and Evaluation in Education	2022	978-81-952023-3-1	37-45	Development & Standardization of Tools for Research in Social Sciences
8.	PARAKH: An Innovative Initiation by NEP 2020	2022	978-81-952023-3-1	84-88	Development & Standardization of Tools for Research
9.	Inclusive Teaching Acts as an Asset in Tackling Mathematics Anxiety for Children with Learning Disability	2023	978-81-952023-6-2	205-212	Co-Teaching Present and Future Prospects (A Resource Book)

(II) **Participation in Seminars/Training Workshops /Conferences International /National / Regional Level---70**
As Resource Person – **Seven (7)**

As Paper Presenter **--- Twenty-One (21)**

Workshops/FDPs/MOOCs**--- Forty-Three (43)**

(III) **Ongoing/completed Projects during the last 5 years:** 1 Completed and One Ongoing

(IV) **Copyright/Patent Registered-02**

S.No.	Title of Copyright Work	Registration No.	Authority
1.	MBCD Scaffolding Model for Potential Development of Technological Pedagogical and Content Knowledge Competencies	L-134607/2023 Dated-10-10-2023	Copyright Office New Delhi
2.	Quadrant Model for Institutional Development (QMID) for enhancing Technological Pedagogical and Content Knowledge Competencies	L-134623/2023 Dated-10-10-2023	Copyright Office New Delhi

(V) **Professional Contributions as a Member/Editor of Journal-** One (1).

(VI) **Having Association/Membership with Reputed National/International Organization** (1)