

# DEEPA MARIAM M

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## SUMMARY

Curriculum designer and Educator with 2+ years of experience designing structured, learner-centered instructional content and digital learning materials. Strong background in translating complex subject into clear, engaging learning experiences through collaboration with subject-matter experts. Experienced in instructional documentation, assessment-aligned content development, accessibility-aware design, and educational technology workflows. Currently expanding expertise in product-oriented learning design, AI-supported content development, and client-based educational product through my Master's in Education at Harvard Graduate School of Education.

## ACADEMIC & PROFESSIONAL EXPERIENCE

**Harvard Graduate School of Education** Cambridge, United States  
**Educational Product Practicum – Learning Design Consultant** 01/2026

- Serving as a design consultant on a client-based educational product challenge focused on defining expertise for Self-Regulated Learning with generative AI
- Translating research on learning science, cognition, and AI use into actionable learning design frameworks
- Evaluating existing questioning and learning frameworks for applicability to self-regulated New Learning with AI
- Collaborating in a small, cross-functional team to produce research-informed learning framework design proposals and constructs
- Developing prototype learning activities for K–12 and higher education contexts aligned with digital literacy and learning science
- Leveraging generative AI tools transparently to accelerate research synthesis, content drafting, and early-stage prototyping
- Deliverables: Frameworks, Tasks and Tools with Examples and Non-Examples, Research Questions

**Harvard Graduate School of Education** Cambridge, United States  
**Learning Design & Curriculum Projects** 09/2025 - 12/2025

- Designed research-informed learning experiences grounded in learning science and user needs analysis.
- Designed bilingual literacy tasks, vocabulary supports, read-aloud prompts, and SEL-integrated activities for Home Bridge, a learning prototype for K–2 multilingual newcomer families.
- Wrote instructional scripts, scaffolded guidance, and level-based reading supports aligned with early literacy development and accessibility principles.
- Created documentation for activity specifications, content flows, instructional goals, and revision cycles to support cross-functional team workflows.
- Conducted literature reviews on science of reading, multilingual language development, and culturally responsive teaching to guide curricular decisions.
- Participated in collaborative design reviews, integrating feedback from peers, user research insights, and design instructors to refine instructional content.
- Utilized AI-enabled drafting tools, Google Workspace, and structured file systems to streamline content creation and maintain consistency across iterations.

**The Indian Public School** Dindigul  
**Curriculum Designer / Educator** 08/2023 - 08/2025

- Designed and translated complex concepts into clear, structured instructional content aligned with learning objectives for diverse learners.
- Developed comprehensive digital and print learning materials, including instructional guides and assessment tools, ensuring accessibility and clarity.
- Maintained organized records and detailed documentation of lesson plans, learner progress, and assessment data to inform instructional decisions.
- Collaborated with academic leads and peer educators to enhance curriculum flow, sequencing, and instructional clarity.
- Reviewed and refined instructional materials to ensure consistency and learner usability.
- Coordinated student-led conferences with structured reflection prompts and presentation rubrics to reinforce learning.
- Designed scaffolded learning pathways to support diverse and multilingual learners.

**The Akshaya Academy CBSE Senior Secondary School** Dindigul  
**English and Science Educator** 06/2022 - 06/2023

- Tutored students in science by integrating literacy, inquiry-based learning, and problem-solving strategies.
- Explained academic material and authored instructional content such as reading passages, grammar activities, and learning guides.
- Analyzed learner performance trends to adjust instructional strategies and strengthen conceptual understanding.
- Produced narration scripts, instructional guides, and academic program materials for school-wide use.
- Maintained organized records of assessments, reports, and instructional resources.
- Supported academic and co-curricular events through coordination, learner communication, and operational support.

## ACADEMIC & PROFESSIONAL EXPERIENCE

### Tutree India Technologies Pvt. Ltd.

Content Writer Intern

India

08/2021 - 01/2022

- Worked as a content writer intern focused on professional writing and editorial review.
- Wrote and reviewed job descriptions for U.S.-based platforms, including DoorDash, Instacart and Uber Eats.
- Identified and corrected grammatical, language, and structural errors to ensure clarity and accuracy.
- Reviewed content for tone, readability, and alignment with U.S. workplace communication standards.
- Developed strong skills in editing, quality assurance, and precision writing for real-world industry use.
- Rated excellent (A) across all evaluation parameters, including attendance, enthusiasm, work consistency, attitude, and learning ability.

## EDUCATION

### Harvard University: Graduate School of Education

M. Ed. Human Development in Education

Cambridge, United States

06/2025 - Present

### Tamilnadu Teacher Education University

B. Ed. Physical Science

Dindigul, India

06/2020 - 06/2022

### Bharathidasan University

M.Phil. In Physics

Tiruchirapalli, India

06/2018 - 10/2019

### Anna University

M.Sc. in Materials Science

Chennai, India

08/2016 - 05/2018


### Madurai Kamraj University


B.Sc., in Physics


Madurai, India


06/2013 - 05/2016

## Key Achievements

- **Service & Community Engagement**

Volunteered with an NGO for developing content and community initiatives. Served as a National Cadet Corps (NCC) Cadet, developing discipline and teamwork. Contributed as a National Service Scheme (NSS) Volunteer through outreach and social service activities.
- **Anthology Book Publication**

Miracle and Metanoia– Compiled and published two anthology books (Amazon and BookClub.com, ISBN: 978-93-5452-475-2 and 978-93-5452-886-6 respectively)
- **Academic Publication**

Mariam, D., et al. (2018). Effect of Fluorination on Band gap and Hyperpolarizabilities in Lithium-Substituted Adamantane. Chemical Physics Letters.
- **Academic Excellence & Honors**

Consistently achieved First Class with Distinction in my B.Sc., M.Sc., and M.Phil. Programs, and received multiple Outstanding Student awards in recognition of my academic performance and commitment to learning.

## SKILLS

### Learning & Development Support

- SME Collaboration
- Learning Objectives & Assessments
- Accessibility-Aligned Design
- Content Documentation
- Learning Progress Tracking
- Structured Workflows
- AI-Enabled Content Development
- Cross-functional Collaboration

### Edtech & Tools

- Content management systems (CMS)
- AI-enabled drafting tools
- Google Workspace
- Microsoft Office
- Workflow tools

### Literacy Knowledge

- Science of reading
- Early reading skills
- Vocabulary instruction
- Phonological awareness
- Oral language development
- Multilingual learners

### Curriculum & Instructional Design

- eLearning Development
- Instructional Video Editing
- Content Editing
- Camtasia
- Articulate Rise
- Learning Management Systems (LMS)

### Professional Strengths

- Attention to detail
- Collaborated across teams
- Supported cross-functional workflows
- Contributed to content production
- Self-motivated
- Strong communication
- Organizational skills
- Time-management