

Position:	Subject Matter Experts	Program:	Digital Equalizer (DE)
Location:	Uttarakhand	Reporting Relationship:	Academic Lead
Nature of Employment:	Consultancy	Number of position:	4

ABOUT AMERICAN INDIA FOUNDATION

The American India Foundation is committed to improving the lives of India’s underprivileged, with a special focus on women, children, and youth. AIF does this through high impact interventions in education, health, and livelihoods, because poverty is multidimensional. AIF’s unique value proposition is its broad engagement between communities, civil society, and expertise, thereby building a lasting bridge between the United States and India. With offices in New York and California, twelve chapters across the U.S., and India operations headquartered in Delhi NCR, AIF has impacted 12.9 million lives across 35 states and Union Territories of India. Learn more at www.AIF.org.

Digital Equalizer is AIF's flagship education program. Since its inception in 2004, the Program has empowered 5.4 million children with interactive STEM experiences, trained 182,025 teachers in STEM pedagogy, and transformed 24,471 schools across 35 states and union territories of the country. DE Program utilizes technology to bridge the educational and digital divide in India by transforming under-resourced government schools into dynamic places to teach and learn through collaborative, project-based learning and building 21st century skills amongst students, especially girls.

ABOUT DIGITAL EQUALIZER

Digital Equalizer (DE) envisions a world where all children from under-served communities, especially girls, are prepared for a career and life. The program is bridging India’s digital divide by providing and integrating technology into underperforming, under-resourced public schools, training teachers in techno-pedagogy and STEM (Science, Technology, Engineering, and Mathematics) methodology, and transforming classrooms into collaborative and interactive places for students to learn while preparing them for success in the 21st century global economy. Since its inception in 2004, the Program has empowered 5.4 million children with interactive STEM experiences, trained 182,025 teachers in STEM pedagogy, and transformed 24,471 schools across 35 states and union territories of the country.

Objectives of the project:

- Strengthen STEM school education in rural government schools.
- Improve the performance of underprivileged girl students from government schools in competitive exams.
- Build the institutional capacity of 5 District Institute for Education Training (DIETs) on STEM learning, techno-pedagogy, and preparation of students for the competitive exam over 4.5 years.
- Institutionalize best practices for sustainability through creation of a playbook in partnership with the government and sharing evidence of the same.

KEY RESPONSIBILITIES:

The SMEs will be looking over the curation of content on **Physics, Chemistry, Biology, and Mathematics subjects** for preparing students of grades 9th – 12th for competitive examinations and the execution of trainings/sessions as per the requirement of the project.

The responsibilities include, but are not limited to:

- Support the Project Lead in implementation of the project activities to ensure that appropriate project deliverables are met.
- Managing the development of the content for the project and liaising with AIF's knowledge partners for ensuring quality checks and validation of the content being delivered under the activities of the project
- Working closely with the agency on designing the pedagogical tools such as audio-visuals, learning materials, self-paced courses for an online platform/LMS, and question banks for students.
- Supervising and coordinating with the knowledge partners for curating content and questions banks for physics/chemistry/biology/math.
- Validating and cross-checking the content in varying proficiency levels such as beginner, advanced, expert etc. for very topic in each subject.
- Directing to create lesson plans for students at various levels.
- Tracking timelines and progression of the sessions as per the lesson plans
- Conducting trainings and workshops for the teachers and other staffs as when required
- Capacity building of the teachers to prepare the students for competitive examination independently.
- Disseminate the modules among AIF staffs and other schools to ensure sustainability.
- Coordination with knowledge partners for conducting the sessions
- Coordination with the project team for conducting training workshops for students and teachers.
- Conducting research and documentation of STEM resources and best practices in STEM education that can be leveraged by the Project team.
- Designing and preparation of facilitator training manuals, questionnaires, worksheets, and assessments
- Designing and preparation of content framework and schedules.
- Knowledge and understanding of learning management systems and assessment platforms such as Skolera, Quizizz, Kahoot etc.
- Working with the partner agency and schools for validation and quality checks on the content.
- Ability to work independently and as part of a team.

QUALIFICATIONS AND EXPERIENCE:

Bachelor/Master's Degree with 5 years of work experience in the education sector, preferably in content development and curriculum framework (in STEM or related areas)

Experience in conducting sessions for competitive examinations

SKILLS AND COMPETENCIES:

- 2-4 years of experience preferably in a Content-Pedagogy /similar role.
- A passion for social justice with an understanding and commitment to the cause of the empowerment of women and girls from poor and marginalized communities in India.
- Good knowledge of the Higher Secondary education subjects (Maths/Physics/Chemistry/Biology) and Ed-tech sector and relevant stakeholders within it.
- Analytical bent of mind and out-of-box thinking.
- Excellent written and verbal communication skills; proficiency in MS Office.
- Experience in analysis, research, and content creation.
- Openness to short-term travel to different locations.

Reporting:

Other: Salary commensurate with experience. Initially, the contract shall be issued till March 2024, which shall be renewed yearly thereafter, based on performance.

Position Availability: Immediate

HOW TO APPLY: To apply for this position, please click [here](#) and share your details and resume in the prescribed format.

Only applications of short listed candidates will be acknowledged.