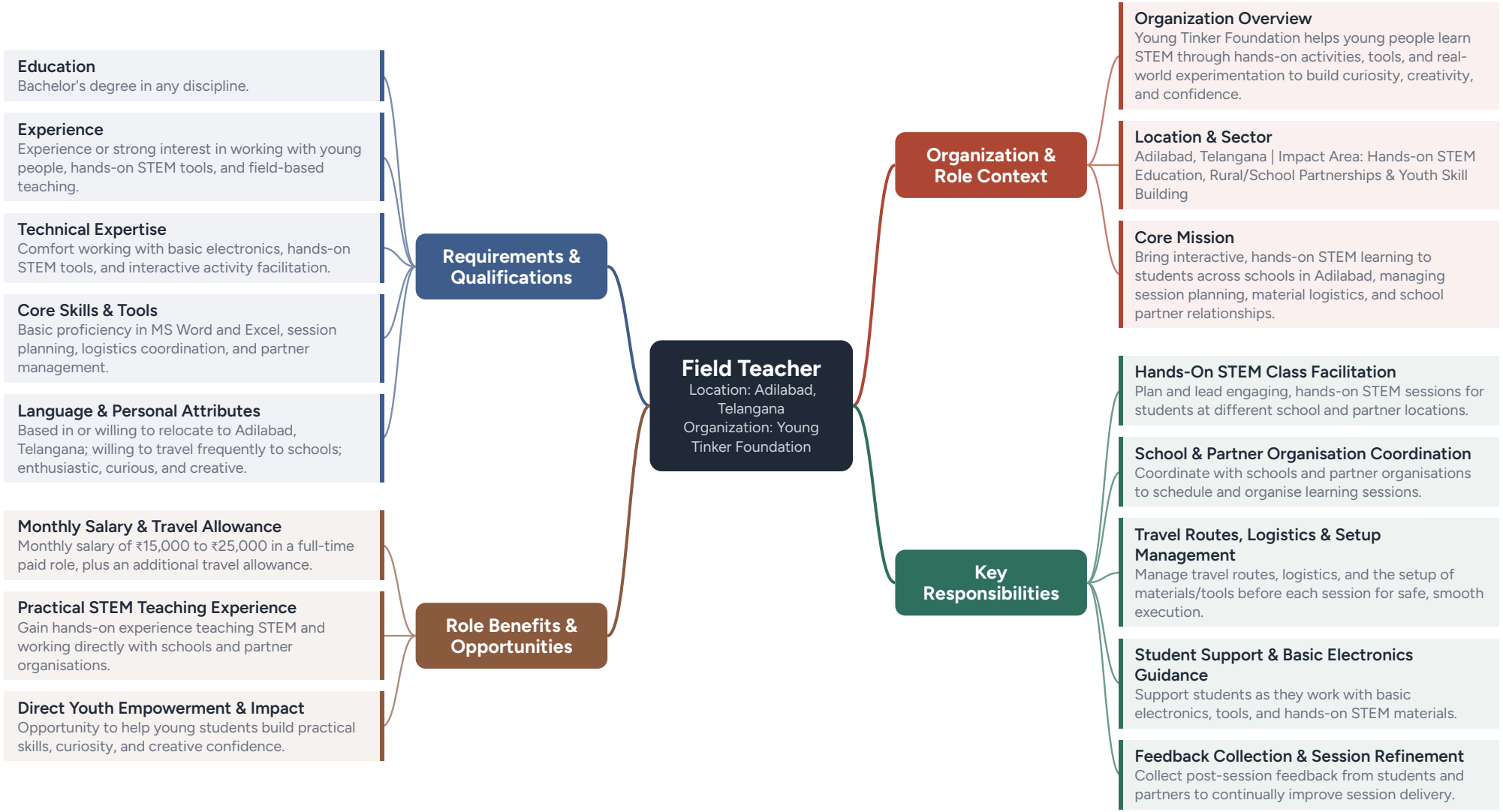
Young Tinker Foundation

Field Teacher in Adilabad | Young Tinker Foundation | ₹1.8-3 LPA

Adilabad, Telangana · full-time · entry level · ₹15,000 - ₹25,000 /month

Application Assist →

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Skills this role needs

STEM teaching	Basic electronics	Session planning and logistics	School coordination	MS Word and Excel

Job description

Young Tinker Foundation

Young Tinker Foundation helps young people learn science, technology, engineering and maths through hands-on activities. In its sessions, students build things, try out ideas and work with real tools, which helps them become curious, creative and confident. The foundation works with schools and partner organisations to bring this kind of learning to students in many different places. Its goal is to help students build practical skills and grow into future innovators and leaders.

Role

As a Field Teacher, you will bring hands-on STEM learning to students at schools and other locations around Adilabad. You will plan and run sessions, set up the tools and materials, and make sure every session is safe, smooth and fun. You will work closely with schools and partner organisations, travel between sites, and use feedback to keep making the sessions better. This role suits someone who enjoys working with young people, likes finding out how things work, and is happy to spend their days out in the field.

Responsibilities

- Plan and lead engaging, hands-on STEM sessions for students at different locations.
- Coordinate with schools and partner organisations to schedule and organise sessions.
- Manage travel routes, logistics and the setup of materials before each session.
- Keep students safe and make sure every session runs smoothly from start to finish.
- Support students as they use basic electronics and other STEM tools.
- Collect feedback after sessions and use it to improve how sessions are delivered.

Requirements

- A bachelor's degree in any discipline.
- Based in or willing to relocate to Adilabad, Telangana, and willing to travel often to schools and other session locations.
- Basic skills in MS Word and Excel.
- Comfort working with basic electronics and hands-on STEM tools.
- Ability to plan and lead lively, hands-on sessions with students.
- Good coordination skills to work with schools and partners and keep session logistics on track.

Benefits

- A monthly salary of ₹15,000 to ₹25,000 in a full-time, paid role.
- A travel allowance on top of the salary.
- Hands-on experience teaching STEM and working with schools and partner organisations.
- The chance to help young students grow curious and creative and build practical skills.

Apply

Check your fit for the role and receive the apply link in your mailbox

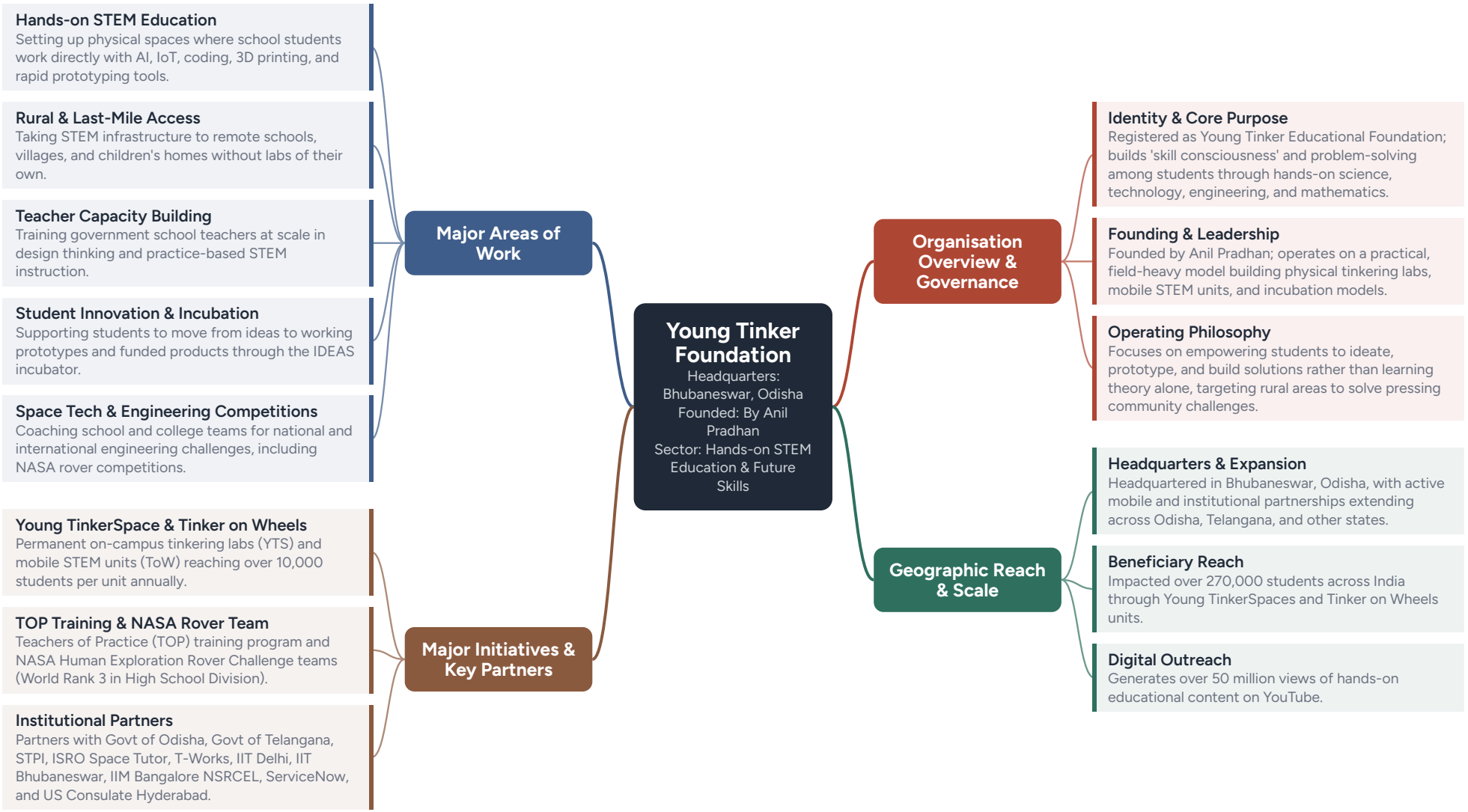
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About the organisation

Young Tinker Foundation

Education Nonprofit / STEM and Skills

youngtinker.org ↗
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About Young Tinker Foundation

Young Tinker Foundation, registered as Young Tinker Educational Foundation, works on STEM education and future skills for high school students in India. It describes its purpose as building "skill consciousness" and promoting problem-solving through hands-on science, technology, engineering and mathematics. Its stated focus is on empowering students to ideate, prototype and build their own solutions rather than learn theory alone. The organisation gives particular attention to students in rural areas, on the reasoning that problem solvers are needed to address pressing challenges and create jobs. It frames its long-term goal as nurturing the next generation of innovators and entrepreneurs, and its work spans physical tinkering labs, mobile STEM units, teacher training at government scale and an incubator for student-built solutions.

> *Headquarters: Bhubaneswar, Odisha*

Major Areas of Work

- Hands-on STEM education: Setting up and running physical spaces where school students work directly with AI, IoT, coding, 3D printing and rapid prototyping tools.
- Rural and last-mile access: Taking STEM infrastructure to schools, remote villages and children's homes that do not have labs of their own.
- Teacher capacity building: Training government school teachers at scale in design thinking and practice-based STEM instruction.
- Student innovation and entrepreneurship: Supporting students to move from an idea to a working prototype and, in some cases, to a funded product.
- Competitive and space-technology exposure: Preparing school and college student teams for national and international engineering challenges, including rover and satellite competitions.

Major Initiatives and Programmes

- Young TinkerSpace (YTS): Support for institutions to set up and operate a Young TinkerSpace, a permanent on-campus tinkering and prototyping lab.
- Tinker on Wheels (ToW): A mobile learning space fitted with AI, IoT, coding, 3D printing and rapid prototyping equipment, which turns outdoor spaces into working STEM labs; the organisation states each unit has the potential to reach more than 10,000 students a year.
- TOP (Teachers of Practice) Training: A teacher training programme delivered with governments, centred on design thinking and on grounding student learning in empathy and real community problems.
- IDEAS: An Incubator for Design, Engineering and Applied Solutions, which takes student ideas further into engineering and applied work.
- NASA Human Exploration Rover Challenge teams: Student teams selected from cities, villages and children's homes are prepared to design and build a rover for the annual international challenge.

Tinker on Wheels is the initiative that carries the organisation's reach furthest. It is designed for schools without lab infrastructure, and units run in partnership with state governments and corporate foundations, which is how the model extends beyond the states where fixed TinkerSpaces already exist.

Impact

The organisation states that its Young TinkerSpace and Tinker on Wheels initiatives have reached over 270,000 students across India, while its own homepage counters separately cite 15,000 students impacted through STEM programmes in schools, 100 volunteers, 12 NGOs supported and 50 million views of its educational content on YouTube. It states that its student team took World Rank 3 in the High School Division of the NASA Human Exploration Rover Challenge, becoming India's first under-19 team to do so, and won a category award at the same challenge in a later year. It maintains partnerships with STPI, ISRO Space Tutor, the Government of Odisha, T-Works and the Government of Telangana, Samagra Shiksha Hyderabad, IIT Delhi, IIT Bhubaneswar, NSRCEL at IIM Bangalore, NMDC, GMR Varalakshmi Foundation, ServiceNow, Intellect, Nisum, InfoVision, Nucleus Software, Mouri Tech Foundation and the U.S. Consulate Hyderabad.

Leadership

- Anil Pradhan, Founder

Working here means being close to the students and schools themselves rather than to a policy desk. The work is practical and field-heavy: setting up labs, running mobile units into villages, training government

school teachers and coaching student teams through build cycles that end in a working prototype. It gives exposure to state education departments, science and technology agencies, corporate CSR partners and international competition circuits at the same time. It suits people who want to see a physical thing get built by a school student who had no access to tools before, and who are comfortable spending time in schools and small towns rather than in an office.

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