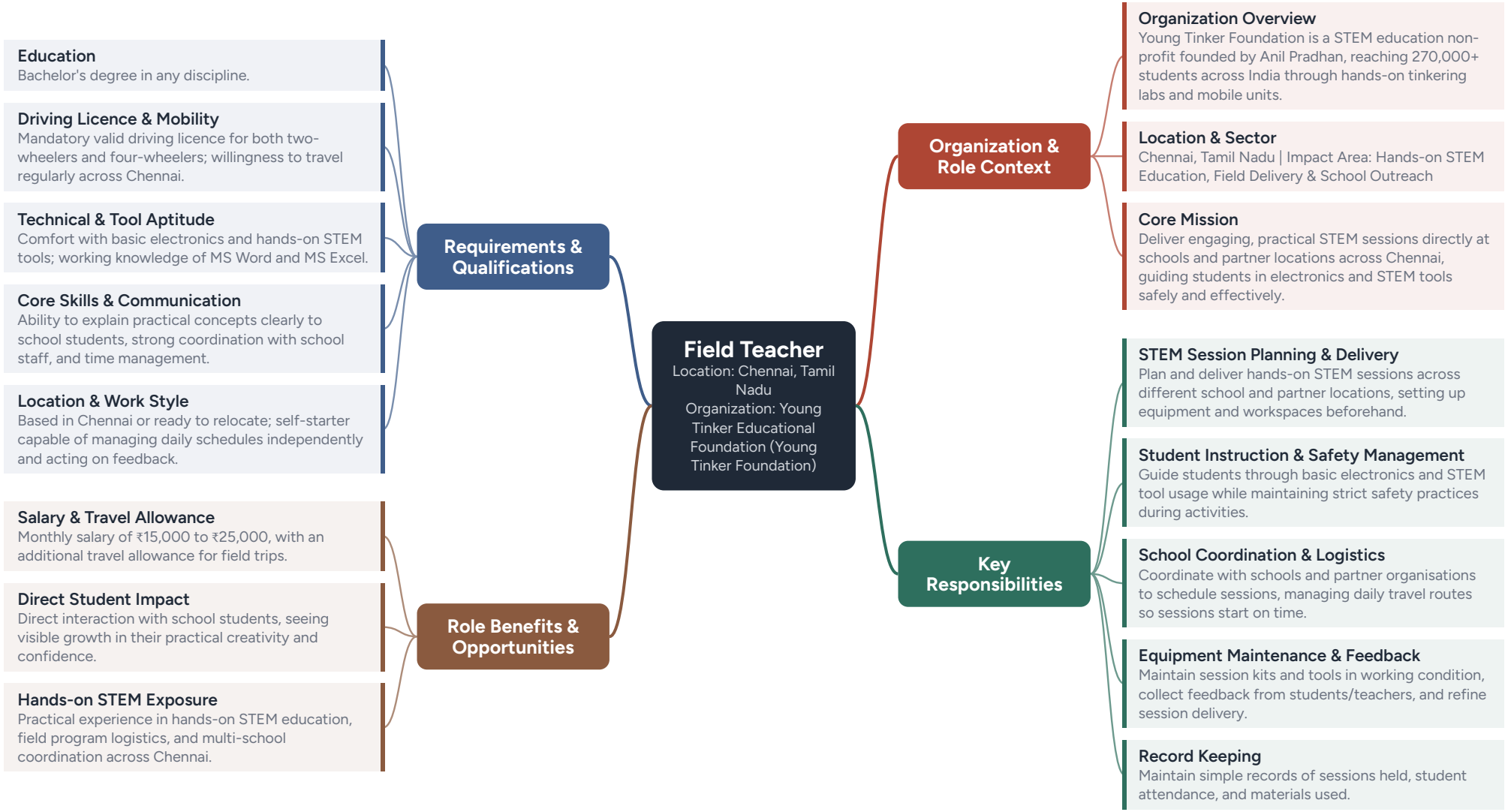
Young Tinker Foundation

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

Chennai, Tamil Nadu · full-time · entry level · ₹15,000 - ₹25,000 per month

Application Assist →

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Skills this role needs

STEM session facilitation	Basic electronics	MS Word and Excel	School coordination	Travel and logistics planning

Job description

Young Tinker Foundation

Young Tinker Foundation works to open up science and technology learning for young people through hands-on making. Students build, test and take apart real things instead of only reading about them, which helps them pick up practical skills and confidence along the way. The aim is for young people to grow into innovators and leaders who can solve problems in their own communities. The work happens where the students already are, in schools and with partner organisations. This role sits within Young Tinker Foundation's field delivery team, which takes STEM sessions directly to schools and partner sites.

Role

As a Field Teacher you will be the person students meet on the ground. You will plan and run hands-on STEM sessions at different locations across Chennai, set up the tools and materials each session needs, and keep the day running safely and smoothly. You will also work closely with schools and partner organisations so that sessions reach the right students at the right time, and bring back what you learn from each session to make the next one better.

Responsibilities

- Plan and deliver engaging hands-on STEM sessions across different school and partner locations.
- Prepare session content and materials so each group gets a clear, practical learning experience.
- Coordinate with schools and partner organisations to schedule and confirm sessions.
- Manage travel routes and daily logistics so sessions start and finish on time.
- Set up equipment, workspaces and STEM kits before each session begins.
- Guide students through basic electronics and the use of STEM tools.
- Keep every session safe for students, and follow safety practices during setup and activities.
- Handle and maintain session equipment so it stays in working condition.
- Collect feedback from students, teachers and partners after sessions.
- Use that feedback to improve how sessions are delivered.
- Keep simple records of sessions held, attendance and materials used.

Requirements

- Bachelor's degree in any discipline.
- A valid driving licence for both two-wheelers and four-wheelers is mandatory.
- Willingness to travel regularly to different session locations.
- Based in Chennai, or ready to move there for the role.
- Basic working knowledge of MS Word and Excel.
- Comfort with basic electronics and hands-on STEM tools.
- Ability to explain practical ideas clearly to school students.
- Confidence in coordinating with school staff and partner organisations.
- Care for student safety during activities involving tools and equipment.
- Ability to plan a day, manage time and work without close supervision.
- Openness to feedback and to changing how a session runs based on what worked.

Benefits

- Monthly salary of ₹15,000 to ₹25,000, with a travel allowance on top.
- Direct work with school students and visible impact on their learning.
- Practical experience in hands-on STEM education and field programme delivery.
- Exposure to school and partner organisation coordination across Chennai.
- A team focused on building creativity and practical skills in young people.

Apply

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

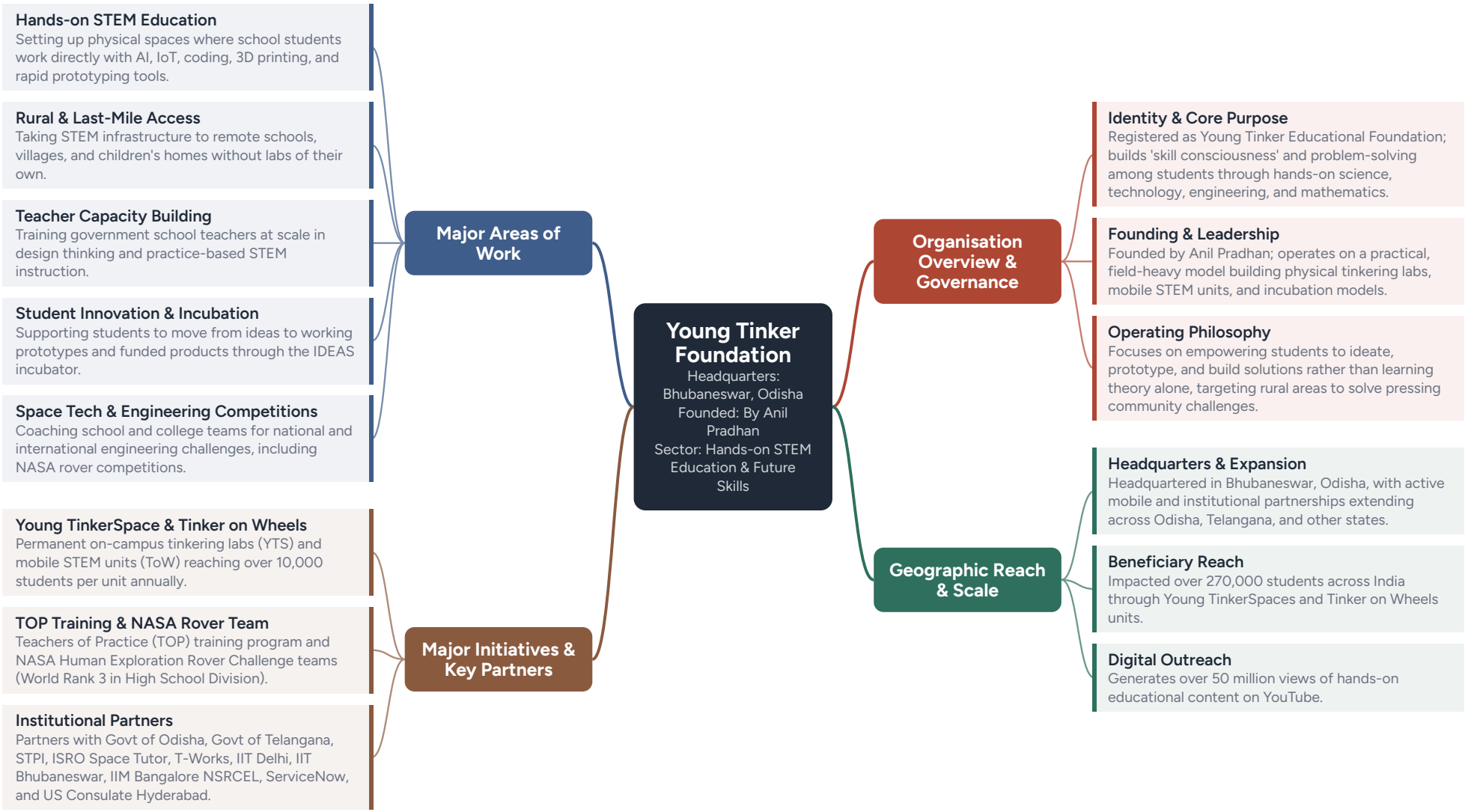
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About the organisation

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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