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करियर मार्गदर्शन पोर्टल · Career Guidance Portal

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करियर शीट · CAREER SHEET

हेल्पर – बार बेंडर और स्टील फिक्सर

A Helper – Bar Bender & Steel Fixer is one of the backbones of RCC (reinforced concrete) construction — assisting the bar bender in cutting, bending and tying steel reinforcement bars into the correct cages and meshes so that...



Scan for everything on this career

Salary, exams, colleges, the routes in and the steps after — all on the portal.

career.gsssjethantri.in/#/career/voc-6359

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Govt. Sr. Sec. School, Jethantri · ब्लॉक समदड़ी · बालोतरा (Block Samdari · Balotra)

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प्रधानाचार्य, रा.उ.मा.वि. जेठन्तरी · मास्टर ट्रेनर
Principal, GSSS Jethantri · Master Trainer



श्री चेनाराम चौधरी

प्रधानाचार्य, डाइट बाड़मेर
Principal, DIET Barmer



श्रीमती संघमित्रा

वरिष्ठ व्याख्याता, डाइट बाड़मेर (सहयोग)
Sr. Lecturer, DIET Barmer (Support)



भरत चौधरी

अभिकल्पना व विकास · व्याख्याता (इतिहास)
Designed & developed · Lecturer (History)

विशेष धन्यवाद · SPECIAL THANKS



सुरेन्द्र सिंह राठौड़

व्याख्याता (इतिहास) · रा.उ.मा.वि. कानाना



सुरेश कुमार सैन

व्याख्याता (भूगोल) · रा.उ.मा.वि. रामसीन मूंगड़ा



वनिता कुमारी

व्याख्याता (इतिहास) · रा.उ.मा.वि. रामसीन मूंगड़ा



कमलेश चौधरी

व्याख्याता (राजनीति विज्ञान) · रा.उ.मा.वि. टापरा

करियर मार्गदर्शन कार्यशाला, डाइट बाड़मेर (14-17 जुलाई 2026) में विकसित व लोकार्पित
Developed & unveiled at the Career Guidance Workshop, DIET Barmer (14-17 July 2026)

यह एक स्वतंत्र परियोजना है, जो सरकार की आधिकारिक करियर-मार्गदर्शन सामग्री पर आधारित है। · An independent project based on the Government's official career-guidance content.

1 About this career

A Helper – Bar Bender & Steel Fixer is one of the backbones of RCC (reinforced concrete) construction — assisting the bar bender in cutting, bending and tying steel reinforcement bars into the correct cages and meshes so that columns, beams, slabs and foundations become strong. The helper also unloads, counts and stores steel bars, erects and removes temporary scaffolding, and learns to handle basic power tools. For physically fit youth who have passed Class 8, it is a reliable route to early employment and steady growth in India's infrastructure industry.

2 At a glance

Minimum qualification	Class 8 pass + age 18 (NSQF Level 1)
Course duration	About 1–3 months (short-term skill course)
Starting salary	₹12,000–16,000/month
Work mode	Full-time physical work at construction sites

3 What you need

INTERESTS

- Interest in hands-on work with tools
- Keen to work in the construction and building world
- Enthusiasm for building strong structures as a team

ABILITIES

- Physical fitness, strength and stamina
- Attention to detail and accurate measurement
- Teamwork and following safety rules

KEY SKILLS

- Cutting and bending steel bars to measurement (bar bending)
- Reading a bar bending schedule (BBS) and understanding drawings

- Tying bars with binding wire to form reinforcement cages/mesh
- Erecting and removing temporary scaffolding
- Site safety (PPE), cleanliness and reducing material wastage
- Unloading, counting, handling and storing bars and materials
- Operating basic power/hand tools and bar-cutting machines

4 How to get there

- 1 Complete Class 8 and reach the age of 18.
- 2 Enrol in the 'Helper Bar Bender & Steel Fixer' (CSDCI/NSDC, NSQF Level 1) short-term course.
- 3 Learn bar cutting, bending, tying and reading a bar bending schedule during training.
- 4 Gain hands-on experience as a helper with a construction site/contractor.
- 5 With experience and upskilling, become an assistant bar bender and then a bar bender & steel fixer.
- 6 In Rajasthan, RSLDC/PMKVY centres also offer free training and placement support.

5 Where to study

GOVERNMENT INSTITUTES

- राजस्थान कौशल एवं आजीविका विकास निगम (RSLDC) — Jaipur, Rajasthan (<https://livelihoods.rajasthan.gov.in/rsldc/>)
- राष्ट्रीय कौशल विकास निगम (NSDC) – बार बेंडर व स्टील फिक्सर — All-India network (<https://nsdcindia.org/bar-bender-and-steel-fixer>)
- जन शिक्षण संस्थान (JSS) — Various districts of Rajasthan (<https://nsdcindia.org/find-nsdc-training-centre-jss/>)
- एनआईओएस व्यावसायिक प्रशिक्षण केंद्र — Online / locate nearest centre (<https://voc.nios.ac.in/registration/locate-study-centre>)

PRIVATE INSTITUTES

- Construction Skill Development Council of India (CSDCI) – अधिकृत प्रशिक्षण केंद्र — All-India (centres in Rajasthan) (<https://www.csdcindia.org/qualification-packs-model-curriculums/>)
- Bhartiya Skill Development University (BSDU) — Jaipur, Rajasthan (<https://www.bsdu.in/>)
- Construction Industry Development Council (CIDC) — All-India / New Delhi (<https://www.cidc.in/>)

ONLINE

- स्किल इंडिया डिजिटल हब — Online (<https://www.skillindiadigital.gov.in/>)
- एनएसडीसी – प्रशिक्षण केंद्र खोजें — Online (<https://www.nsdcindia.org/find-nsdc-training-centre>)

FEES

Under most government schemes (RSLDC, PMKVY, NSDC, JSS) this course is completely free and often comes with a stipend/placement support. Short-term bar bending courses at private institutes can cost roughly ₹5,000–15,000.

SCHOLARSHIPS

- राष्ट्रीय छात्रवृत्ति पोर्टल (NSP) (<https://scholarships.gov.in/fresh/onlineInstituteSearchIndex>)
- Buddy4Study – ITI/Vocational Scholarships (<https://www.buddy4study.com/article/iti-scholarships>)
- SJE Rajasthan – छात्रवृत्ति योजनाएँ (<https://sje.rajasthan.gov.in/>)

6 What the work is like

WHERE YOU WORK

Construction agencies, infrastructure and civil projects (roads, bridges, metros, buildings), builders, contractors and rebar/fabrication yards.

WORK CULTURE

Typically 6 days a week, 8–9 hours a day of outdoor physical work; shift duty and overtime are common. Work can involve sun, dust and heights, so safety gear like helmets, gloves and boots is essential. This field also offers some opportunities for persons with disabilities.

WHO HIRES

- | | |
|--|--|
| • Large construction and infrastructure companies (e.g. L&T, Shapoorji Pallonji) | • Civil engineering contractors and sub-contractor firms |
| • Real estate developers and builders | • Infra companies building roads, metros, bridges and dams |
| • Government construction agencies (Rajasthan PWD, CPWD, MES) | • Rebar fabrication/reinforcement yards and precast plants |

DEMAND (2026)

Infrastructure projects like roads, metros, highways, housing and smart cities are expanding rapidly in India, and every RCC structure needs steel bending and fixing — so skilled bar benders and steel fixers are in steady demand. Starting as a helper, the skill can be learned quickly, and with experience it brings better daily wages and steady work.

7 Career growth

- 1 Helper – Bar Bender & Steel Fixer
- 2 Assistant Bar Bender & Steel Fixer
- 3 Bar Bender & Steel Fixer (skilled)
- 4 Works Supervisor / Construction Contractor

EARNINGS

Starting	₹12,000–16,000/माह
Mid level	₹18,000–28,000/माह
Senior level	₹32,000–50,000+/माह

Per the official NCS, a helper bar bender earns roughly ₹6,000–20,000/month, but in 2026 helpers on urban and large infra projects typically earn ₹12,000–16,000/month. Skilled bar benders and steel fixers (per AmbitionBox/PayScale) can earn ₹18,000–30,000/month; income rises further on becoming a supervisor or contractor. Pay varies with daily wages, overtime and city.

8 The good parts · The challenges**The good parts**

- Quick employment after little schooling (Class 8) and a short course
- Steady demand for skilled hands in the growing infrastructure industry
- A clear path from helper to bar bender, supervisor and contractor with experience

The challenges

- Heavy physical labour in sun, dust and at heights
- Risk of injury — safety gear and care are essential
- Entry-level pay and work can depend on daily wages/projects

9 Real-life journeys

Dharavat Naresh

India's Concrete Construction Work competitor at WorldSkills Kazan 2019

Dharavat Naresh was selected to represent India in the 'Concrete Construction Work' trade at the 45th WorldSkills Competition in Kazan, Russia in 2019 — the very work that involves bending and fixing steel reinforcement bars and building concrete structures. From an ordinary background, hard work and training took him to a national and international stage. His story shows that by taking skills like bar bending and steel fixing seriously, even a helper can build real recognition and a stable career.

WorldSkills India · <https://worldskillsindia.co.in/kazan2019.php>

Kalyani Chappidi

Civil engineer and trainer of women construction workers, Pipal Tree Ventures

Civil engineer Kalyani Chappidi has spent seven years with Pipal Tree Ventures training nearly 100 women in construction skills — masonry, tiling, painting and steel/rebar work — helping them become self-reliant. In construction, long treated as 'men's work', she showed that women learn these skills even more meticulously and quickly. Her work inspires every girl who wants a career in bar bending, steel fixing or other trusted site roles.

The Weekend Leader · <https://www.theweekendleader.com/Causes/2103/women-builders.html>

10 Sources & further reading

1. Rajasthan Career Guidance – Helper Bar Bender & Steel Fixer — <https://cg.rajasthan.gov.in/careerguidance/hi/career/%e0%a4%b9%e0%a5%87%e0%a4%b2%e0%a5%8d%e0%a4%aa%e0%a4%b0-%e0%a4%ac%e0%a4%be%e0%a4%b0-%e0%a4%ac%e0%a5%87%e0%a4%82%e0%a4%a1%e0%a4%b0-%e0%a4%94%e0%a4%b0-%e0%a4%b8%e0%a5%8d%e0%a4%9f%e0%a5%80%e0%a4%b2/>
2. NSDC – Bar Bender and Steel Fixer — <https://nsdcindia.org/bar-bender-and-steel-fixer>
3. CSDCI – Helper Bar Bender & Steel Fixer Qualification Pack — https://www.csdcindia.org/wp-content/uploads/2022/09/QP-CON_Q0201_Helper-Bar-Bender-and-Steel-Fixer-v2.0.pdf
4. DGT – Bar Bender & Steel Fixer Trade Curriculum — https://dgt.gov.in/sites/default/files/2024-02/Barbending_syllabus.pdf
5. National Scholarship Portal — <https://scholarships.gov.in>



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