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करियर शीट · CAREER SHEET

बुलडोजर ऑपरेटर

A Bulldozer Operator is a heavy-vehicle driver who runs and controls a bulldozer's tractor unit and blade at construction sites, mines and road projects — clearing soil, moving rock and debris, and levelling ground. It is a...



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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 Bulldozer Operator is a heavy-vehicle driver who runs and controls a bulldozer's tractor unit and blade at construction sites, mines and road projects — clearing soil, moving rock and debris, and levelling ground. It is a physically active, technically skilled job that also involves basic machine upkeep and safety checks, and stays in steady demand across India's fast-growing infrastructure, mining and road-building sectors.

2 At a glance

Minimum qualification	Class 10 pass + age 18 + Heavy vehicle licence (NSQF Level 4)
Course duration	About 6 months – 1 year
Starting salary	₹12,000–18,000/month
Work mode	Field job at construction/mining sites

3 What you need

INTERESTS

- Attraction towards heavy machines and vehicles
- Interest in working outdoors at project sites
- Interest in understanding technical and mechanical things

ABILITIES

- Physically fit and alert
- Ability to follow clear instructions and stay focused
- Attention to detail and safety while working

KEY SKILLS

- Safe operation of the bulldozer's tractor unit and blade
- Levelling soil, digging and clearing debris

- Daily inspection and basic maintenance of the machine
- Following safety rules and protocols
- Heavy commercial vehicle driving skill
- Reading site plans and understanding hand/site signals
- Coordinating with supervisors and team members

4 How to get there

- 1 Complete Class 10 and reach the age of 18.
- 2 Enrol in the NSQF Level 4 'Bulldozer Operation' course at an NSDC/JSS/ITI centre.
- 3 Obtain a Heavy Commercial Vehicle (HCV) licence from the RTO — mandatory for this trade.
- 4 Do hands-on training or apprenticeship under an experienced operator at a construction or mining site.
- 5 Practise safe operation, daily inspection and basic maintenance of the machine.
- 6 In Rajasthan, RSLDC/PMKVY centres also offer training and placement support.

MAIN EXAMS

- NCVT/NSDC trade assessment and certification exam
- RTO heavy vehicle driving licence test

5 Where to study

GOVERNMENT INSTITUTES

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

PRIVATE INSTITUTES

- नेशनल एकेडमी ऑफ कंस्ट्रक्शन (NAC) — Hyderabad, Telangana (<https://nacindia.org/>)
- L&T Construction Skills Training Institute — Panvel, Maharashtra (<https://www.lntec.com/>)

ONLINE

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

FEES

Under most government schemes (NSDC, JSS, RSLDC, PMKVY) the Bulldozer Operator course is free or very low-cost. Specialised heavy-equipment courses at private/industry-run institutes such as the National Academy of Construction (NAC) or L&T can cost roughly ₹8,000–30,000, plus a separate fee for the HCV licence.

SCHOLARSHIPS

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

6 What the work is like

WHERE YOU WORK

Mining sites, large construction units, road and highway construction companies, engineering and infrastructure companies.

WORK CULTURE

Typically 8-9 hours a day, 5-6 days a week; shift duty and overtime are common depending on the site. Work often happens outdoors in dusty, sunny and noisy conditions, and postings can require staying away from home. This field also offers opportunities for persons with disabilities.

WHO HIRES

- | | |
|--|--|
| • Construction companies (e.g. L&T, Tata Projects) | • Mining companies (such as Coal India, Vedanta) |
| • Road and highway construction contractors (linked to NHAI) | • Government Public Works Department (PWD) |
| • Real estate and infrastructure developers | • Equipment rental companies and self-employment |
| • Border Roads Organisation (BRO) and Military Engineer Services (MES) | • Mining PSUs (Coal India, NMDC) and NHAI projects |
| • CPWD and State PWD (Rajasthan PWD) | |

DEMAND (2026)

Demand for trained bulldozer and heavy-equipment operators stays strong given India's fast-expanding road, highway, metro, housing and mining projects. The Skill India Mission and bodies like the National Academy of Construction are training operators at scale to meet this demand, and experienced operators also find opportunities in Gulf countries.

7 Career growth

- 1 Trainee/Helper
- 2 Bulldozer Operator
- 3 Senior Operator / Supervisor
- 4 Construction Superintendent

EARNINGS

Starting	₹12,000–18,000/माह
Mid level	₹20,000–35,000/माह
Senior level	₹40,000–60,000+/माह

Per NCS (National Career Service), a Bulldozer Operator earns roughly ₹15,000–35,000/month, while Indeed India lists an average of about ₹57,813/month — in some high-demand cities (like Coimbatore) experienced operators' pay can reach ₹89,450/month. Pay varies with experience, employer and site location.

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

- Steady demand across construction and mining projects nationwide
- Decent starting income without needing extensive formal education
- Path to supervisory roles and overseas work opportunities with experience

The challenges

- Physically demanding and risky work with a chance of injury
- Long hours of work in dusty, sunny, noisy outdoor conditions
- May require staying away from home, depending on the site posting

9 Real-life journeys

Lumbika

JCB and excavator (heavy equipment) operator

Lumbika, a 21-year-old from Karlagatta village in Chittoor district, Andhra Pradesh, first learned to drive a tractor from her father in just three days. After a year of tractor-driving experience, she picked up operating heavy machines like a JCB proclainer and excavator within a week. She now confidently operates these earthmoving machines, is pursuing a BA degree alongside, and helps run the family's tractor and JCB work — standing out as one of the few young women in her state to take up this trade.

The New Indian Express · <https://www.newindianexpress.com/good-news/2025/Sep/21/chittoor-woman-shatters-stereotypes-with-hard-skills>

Bapu alias Raju Bhilare

JCB/Poclaim (heavy equipment) operator

Bapu alias Raju Bhilare, from Wai taluka in Satara district, Maharashtra, works professionally as a JCB/Poclaim operator. A work trip to Kashmir inspired him after seeing apple orchards there, and back home in May 2024 he planted 600 apple saplings on 2 acres of land. He now harvests apples twice a year, has earned about ₹6 lakh in profit, and his farm is counted among Maharashtra's first successful apple orchards — showing how the earnings and grit of a heavy-equipment operator can also fuel bigger dreams.

The Indian Express · <https://indianexpress.com/article/cities/pune/beyond-the-city-how-a-jcb-operator-turned-a-satara-farm-into-maharashtras-first-successful-apple-orchard-10692443/>

Deepika Kumari

Heavy Earth Moving Machinery (HEMM) operator, Tata Steel mining

Deepika Kumari is one of the women trained under Tata Steel's 'Women@Mines' programme and deployed to operate Heavy Earth Moving Machinery (HEMM) — including dumpers, shovels and dozers — at the company's Bokaro and Noamundi mines, a field traditionally seen as male-only. After the company's dedicated training, she and her fellow women operators now confidently run heavy machines at the mining site, opening new pathways for women in the mining industry.

YourStory · <https://yourstory.com/herstory/2021/09/women-hemm-operators-bokaro-noamundi-tata-steel>

10 Sources & further reading

1. Rajasthan Career Guidance – Bulldozer Operator — <https://cg.rajasthan.gov.in/careerguidance/hi/career/%e0%a4%ac%e0%a5%81%e0%a4%b2%e0%a4%a1%e0%a5%8b%e0%a4%9c%e0%a4%b0-%e0%a4%91%e0%a4%aa%e0%a4%b0%e0%a5%87%e0%a4%9f%e0%a4%b0/>

2. National Career Service (NCS) – Salary details — <https://www.ncs.gov.in/content-repository/Pages/ViewNcoDetails.aspx?List=8db9be14-2b47-4f30-97fb-5de315d871c0&ID=4103>
3. Indeed – Bulldozer Operator Salary — <https://in.indeed.com/career/bulldozer-operator/salaries>
4. National Academy of Construction (NAC) — <https://nacindia.org/>
5. National Scholarship Portal — <https://scholarships.gov.in>

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