



व्याख्याता — तकनीकी शिक्षा / पॉलिटेक्निक (राजस्थान)

The Lecturer in technical education teaches diploma-level students in government polytechnic colleges. These are the institutions that produce the state's junior engineers, technicians and supervisory manpower, so the work...



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वरिष्ठ व्याख्याता, डाइट बाड़मेर (सहयोग)
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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

The Lecturer in technical education teaches diploma-level students in government polytechnic colleges. These are the institutions that produce the state's junior engineers, technicians and supervisory manpower, so the work connects directly to Rajasthan's technical capacity. It covers teaching the subjects of your own branch, running laboratories and workshops, guiding student projects, industry training and placement activity, and evaluation and examination work. The post suits engineering graduates who want to teach rather than go into industry — and it is worth noting that in this service not only Lecturer but Head of Department and Principal are filled 100% by direct recruitment, which is the exact opposite of school education. Know one eligibility condition before anything else: a First Class in the engineering degree is mandatory.

2 At a glance

Minimum qualification	A First Class Bachelor degree in Engineering/Technology in the relevant branch. If the candidate holds a Master's in Engineering/Technology, First Class is required at either the Bachelor's or the Master's level. For teaching posts in Humanities and Sciences — a First Class Master's in the appropriate subject (Service Rules 2010, Schedule I)
Recruiting body	Rajasthan Public Service Commission (RPSC), Ajmer — department: Technical Education
Age limit	21 to 40 years for Lecturer, Librarian and PTI; 55 years for Head of Department and Principal — reckoned on the 1st of January following the last date for applications (Service Rules 2010, rule 14) — the upper limit is relaxed for reserved categories and for women (detail below)
Starting salary	The pay matrix level is not given in the service rules — see the advertisement
Demand	100% by direct recruitment — and in the same service Head of Department and Principal are also 100% direct

3 What you need

INTERESTS

- A deep interest in engineering subjects and a wish to teach them
- Practical laboratory and workshop work

- Getting young people to skills and to employment

ABILITIES

- Command of the subject and the ability to explain it practically
- Guiding student projects
- Connecting theory to work in the workshop

KEY SKILLS

- Full knowledge of your engineering branch to diploma level
- Teaching method, lesson planning and evaluation
- Coordination of industry training and placement
- Running laboratories and workshops, and their safety
- CAD and branch-specific software
- Curriculum development and the standards of the technical education council

4 How to get there

- 1 Pass Class 12 with science — physics, chemistry and mathematics.
- 2 Do a B.Tech or B.E. in your branch, and here is the most important point: a First Class is mandatory. It is an eligibility condition, not a preference — a second class does not lead to this post. Which means marks across all four years of the engineering degree count directly for this career, and that should be known from the first year, because it cannot be repaired later.
- 3 If you do an M.Tech the rule gives some latitude, but read it carefully: where the candidate holds a Master's in Engineering/Technology, First Class is required at either the Bachelor's or the Master's level. So the M.Tech does not remove the First Class condition — it only gives a choice about where the First Class may sit. For someone who did not get a First Class in the B.Tech, obtaining one in the M.Tech is a legitimate route to this post.
- 4 For teaching posts in Humanities and Sciences the route differs: a First Class Master's in the appropriate subject, with First Class at either the Bachelor's or the Master's level. Polytechnics also teach physics, chemistry, mathematics and English, so this route is not only for engineers.
- 5 Your age must be between 21 and 40.
- 6 Apply when the RPSC advertisement appears.

MAIN EXAMS

- Recruitment is by the Rajasthan Public Service Commission and the Lecturer post is filled 100% by direct recruitment — the Schedule shows no promotion percentage against it.
- The First Class condition is the real filter on this post and it has to be read correctly. The rule says: a First Class or equivalent Bachelor degree in Engineering/Technology in the relevant branch; and if the candidate has a Master's in Engineering/Technology, First Class or equivalent is required at the Bachelor's or the Master's level. So taking a Master's does not end the condition — it only allows the First Class to sit at either level.
- One thing about this service is unusual and can change how a career is planned: Head of Department and Principal are also filled 100% by direct recruitment, with an age limit of 55. That is the exact opposite of school education, where Principal is filled only by promotion. Practically, an engineer with years of experience in industry or other institutions can apply directly for Head of Department or Principal — an opening very few people know about.
- This post was recorded as "absent" in this project's own register and that was wrong — it is noted here because the same mistake is easy for anyone to make. On 19 August it was searched for in the Commission's list of 246 advertisement names, not found, and taken to be absent. The service rules establish it plainly. A post not appearing in an advertisement list does not tell you the post does not exist — only that the name did not appear in that list.

- Note — this post is not in the Schedules to the CET Rules 2022, so a CET score is not required for it. It is a Commission post, not a Board post.
- Relaxation in the upper age limit — 5 years for male candidates of the Scheduled Castes, Scheduled Tribes, Backward Classes, More Backward Classes and Economically Weaker Sections; 5 years for women candidates of the General category; and 10 years for women candidates of those same categories. Which means plainly that the bare figure printed against a post understates a reserved-category woman's eligibility by a decade — if you are in that category, work out your eligibility only after adding the relaxation. In Rajasthan, 30% of the posts in direct recruitment are reserved category-wise for women candidates. Widows and divorced women have no upper age limit at all — the rules say it in those words. It is Rule 13(9) of the Rajasthan State and Subordinate Services (Direct Recruitment by Combined Competitive Examination) Rules 1999, it appears again as the same proviso in the Rajasthan Medical & Health Subordinate Service Rules, and RPSC advertisements reproduce it. A widow must furnish a certificate of the death of her husband from the competent authority, and a divorced woman the proof of divorce. The exact terms of relaxation and reservation are given in that recruitment's own advertisement.

5 Where to study

GOVERNMENT INSTITUTES

- Malaviya National Institute of Technology (MNIT) — Jaipur, Rajasthan (<https://mnit.ac.in/>)
- MBM University, Jodhpur and government engineering colleges of Rajasthan — Jodhpur, Kota, Ajmer, Bikaner, Udaipur (<https://dte.rajasthan.gov.in/>)
- Government polytechnic colleges — where the post itself is held — All divisions of Rajasthan (<https://dte.rajasthan.gov.in/>)
- NITTTR — National Institute of Technical Teachers Training and Research — Chandigarh, Bhopal and others (<https://nitttrchd.ac.in/>)

ONLINE

- तकनीकी शिक्षा विभाग, राजस्थान — This is the department the post belongs to (<https://dte.rajasthan.gov.in/>)
- All India Council for Technical Education (AICTE) — Government of India (<https://www.aicte-india.org/>)
- NPTEL and SWAYAM — free engineering course material at exactly this teaching level — Government of India (<https://nptel.ac.in/>)
- आर.एस.एस.बी. — पिछले प्रश्न-पत्र, उत्तर कुंजी व पाठ्यक्रम (निःशुल्क) — The Staff Selection Board's own site — the most reliable free preparation material there is (https://rsmssb.rajasthan.gov.in/show_archived?menuName=Xj4lCb9vGxpQnfls%2FxlZ2g%3D%3D)
- विभागीय सेवा नियम (कार्मिक विभाग) — पद की योग्यता व आयु मूल दस्तावेज़ में पढ़ें — The Department of Personnel publishes the service rules for every cadre. Read these before any coaching material — qualification, age and the method of recruitment are settled here and nowhere else. (<https://dop.rajasthan.gov.in/>)
- स्वयं (SWAYAM) — भारत सरकार के निःशुल्क ऑनलाइन कोर्स — Free (<https://swayam.gov.in/>)
- राष्ट्रीय डिजिटल पुस्तकालय (NDLI) — Free books and study material (<https://ndl.iitkgp.ac.in/>)
- एन.सी.ई.आर.टी. — निःशुल्क पाठ्यपुस्तकें — The foundation for general knowledge, maths and science (<https://ncert.nic.in/>)

FEES

A B.Tech costs far less at government engineering colleges than at private ones, and admission is through the Rajasthan counselling. The most practical thing about this route is not cost but marks: because of the First Class condition, B.Tech marks count directly for this career, so the investment to make is attention during study rather than money afterwards. For someone without a First Class in the B.Tech, obtaining one in an M.Tech is a legitimate route, and the M.Tech can be done at government institutions through GATE with a scholarship — so that period is not without income either. For teaching preparation, NPTEL and SWAYAM material is free and pitched at exactly the level taught here.

SCHOLARSHIPS

- Mukhyamantri Anuprati Coaching Yojana (free coaching, apply via SSO) (<https://sso.rajasthan.gov.in/signin>)
- Rajasthan Social Justice and Empowerment Dept scholarships (<https://sje.rajasthan.gov.in/>)
- National Scholarship Portal (NSP) (<https://scholarships.gov.in/>)
- Buddy4Study scholarship search (<https://www.buddy4study.com>)

6 What the work is like

WHERE YOU WORK

Government polytechnic colleges across Rajasthan — classrooms, laboratories and workshops. A posting may be in any division, and many polytechnics are in smaller towns.

WORK CULTURE

The rhythm of academic life is the same here — session, examinations and vacations — but the character of the work differs from college education. A polytechnic student goes straight to work after three years, so practical skill matters more than theory in the teaching, and time in the laboratory and workshop counts as much as the classroom. A particular satisfaction is that the result shows quickly: the student you taught to run a machine in the workshop is doing that same work in a factory or on a site within three years. On the other side, students often come from ordinary backgrounds — many are the first generation in their family to reach technical education — and getting them to industry takes the teacher beyond teaching, into coordinating training and placement. This is one of the teaching posts where keeping contact with industry is part of the job rather than an academic interest.

WHO HIRES

- Department of Technical Education, Rajasthan — government polytechnic colleges
- Government engineering colleges and technical institutions
- Institutions under the Technical Education (Non Engineering) service, which has its own separate rules

DEMAND (2026)

Rajasthan has a large network of government polytechnics and diploma-level technical education is a permanent part of the state's skills policy, so the need for this cadre persists. Recruitment is branch-wise — civil, electrical, mechanical, electronics, computer and so on — so whether posts in your branch arise in a given cycle has to be checked in the advertisement. Two points are practically useful when planning. First, the First Class condition narrows the competition to those with good marks, and that field is far smaller than all the engineering graduates who would want to apply. Second, and this is less known, in the same service Head of Department and Principal are also filled by direct recruitment with an age limit of 55, so an experienced engineer who has spent years in industry can enter this department directly. Keep in mind too that the number of posts describes the department's requirement, not your chances of selection. One thing to be clear about — the "demand" described above counts posts, not your chance of getting one. Selection is by open competition and the number of applicants runs to many times the number of posts, so most candidates are not selected in any given recruitment. That is not an argument against this career; it is an argument against making it your only plan. Keep studying or building a skill alongside your preparation, so that the year is not lost whichever way the result goes.

7 Career growth

- 1 Lecturer / Assistant Training and Placement Officer / Academic Officer — the entry post, 100% direct recruitment, age 21 to 40
- 2 Senior Lecturer — as provided in the department's service structure
- 3 Head of Department — also 100% by direct recruitment, age limit 55; the qualification is a Bachelor and Master degree in the appropriate branch of Engineering/Technology
- 4 Principal — 100% by direct recruitment, on the qualifications applicable to Head of Department, age limit 55

EARNINGS

Starting	विज्ञप्ति में घोषित पे मैट्रिक्स स्तर के अनुसार
Mid level	₹70,000 – ₹95,000 (भत्तों सहित, कुछ वर्षों बाद)
Senior level	₹1,10,000 से अधिक (भत्तों सहित, विभागाध्यक्ष एवं प्राचार्य स्तर पर)

The 2010 service rules do not give a pay matrix level for these posts, so no starting figure is printed on this page — it will be in that cycle's advertisement. Technical education posts are often tied to the pay structure of the All India Council for Technical Education, which can differ from ordinary state-service posts; check the exact position in the advertisement. The mid-level and senior figures above are approximate and are not confirmed from any official document; read them as a direction, not a promise. The starting figure is BASIC PAY, so that it can be compared directly against other careers. Dearness allowance (60% of basic since 1 January 2026) and house rent allowance are added on top of it, so take-home pay is appreciably higher. The mid-level and senior figures are approximate monthly income including allowances, not basic pay. Note — in Rajasthan a direct recruit is a probationer-trainee for the first 2 years and is paid a fixed remuneration, not the pay scale; dearness allowance and house rent allowance are not payable in those two years (Rajasthan Service Rules, rule 7(30A)). The full pay scale applies once probation is completed. The pay matrix level for this post could not be confirmed on this page from an official document — it is not in the service rules and not in the CET Rules 2022 schedule. No level is therefore stated here. The correct figure is printed in the official advertisement for the recruitment; check it there before applying. The figures above rest on the Rajasthan 7th pay matrix, which is what applies as of 17 August 2026. The Terms of Reference of the 8th Central Pay Commission were approved on 28 October 2025 and it must report within 18 months of its constitution. State governments normally adopt a Central Pay Commission with modifications, and later than the Centre does — so Rajasthan pay will be revised too, though by how much and when is not yet settled.

8 The good parts · The challenges

The good parts

- An engineering education used directly, as teaching
- The First Class condition makes the field of competition much smaller
- Head of Department and Principal are also direct recruitment with an age limit of 55 — a rare opening for experienced engineers
- A teacher's regular routine, session and vacations
- The result shows quickly — the student is at work within three years

The challenges

- A First Class in the B.Tech is mandatory — a second class does not lead here
- Recruitment is branch-wise, so it is possible to be eligible and find no posts in your branch that cycle
- Postings are often at polytechnics in smaller towns
- Pay below industry, though with greater security of service

9 Sources & further reading

1. Department of Personnel, Rajasthan — Technical Education (Engineering) Service Rules, 2010 — https://dop.rajasthan.gov.in/wri/tereaddata/modulCategory/202304130406421967902Tech.Edu.2010pdf24_merged.pdf
2. Rajasthan Public Service Commission — advertisements — <https://rpsc.rajasthan.gov.in/advertisements>
3. Department of Technical Education, Rajasthan — <https://dte.rajasthan.gov.in/>

4. NPTEL — free engineering course material — <https://nptel.ac.in/>
5. Rajasthan Staff Selection Board (official) — <https://rssb.rajasthan.gov.in/>
6. Department of Personnel, Rajasthan — service rules — <https://dop.rajasthan.gov.in/>
7. 8th Central Pay Commission — Cabinet approval of the Terms of Reference (PIB, 28 October 2025) — <https://www.pib.gov.in/PressReleasePage.aspx?PRID=2183289>

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