



SAARTHI - सारथी

करियर मार्गदर्शन पोर्टल · Career Guidance Portal

"सही मार्गदर्शन, उज्ज्वल भविष्य।"

करियर शीट · CAREER SHEET

कैड आभूषण डिज़ाइनर

A CAD Jewellery Designer uses Computer-Aided Design (CAD) software to create precise 2D and 3D designs of rings, necklaces, bangles, earrings and other ornaments. They first sketch by hand or on a tablet, then build a digital 3D...



Scan for everything on this career

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

career.gsssjethantri.in/#/career/cad-jewellery-designer

राजकीय उच्च माध्यमिक विद्यालय, जेठन्तरी

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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 CAD Jewellery Designer uses Computer-Aided Design (CAD) software to create precise 2D and 3D designs of rings, necklaces, bangles, earrings and other ornaments. They first sketch by hand or on a tablet, then build a digital 3D model in software like Rhino, Matrix or JewelCAD, set gemstone placements, estimate metal weight and cost, and produce photo-real renders to show the client. That same file is then turned into a real piece through 3D printing and casting. Jaipur is one of the world's largest gem and jewellery hubs, making this an especially relevant and opportunity-rich career for young people in Rajasthan.

2 At a glance

Minimum qualification	Class 12 pass (any stream) + jewellery/CAD diploma
Course duration	6-month diploma to 4-year B.Des
Starting salary	₹20,000–30,000/month
Work mode	Full-time in a studio/manufacturing unit or freelance

3 What you need

INTERESTS

- A keen interest in jewellery, design and beautiful forms
- Love blending creativity and fine craft with new technology
- Enjoy working with computers, 3D software and technology

ABILITIES

- Strong spatial and three-dimensional (3D) imagination
- Patience, focus and the ability to work with precision
- A sharp eye for colour, proportion and fine detail

KEY SKILLS

- 3D modelling in jewellery CAD software — Rhino, Matrix, JewelCAD
- Photo-real rendering (KeyShot/V-Ray) to make designs look lifelike
- Estimating metal weight, cost and making manufacture-ready designs
- Understanding market trends and adapting designs to client taste
- Hand and digital sketching and developing design ideas
- Basic gemology — identifying stones, cuts and settings
- Knowledge of casting, kundan, meenakari and 3D-printing processes

4 How to get there

- 1 Complete Class 12 in any stream; an interest in art/design helps.
- 2 Enrol in a diploma, PG diploma or B.Des in Jewellery Design & CAD — Jaipur's IIGJ (GJEPC) is a top choice.
- 3 Practise Rhino, Matrix and rendering software by modelling rings, necklaces, etc.
- 4 Build a strong portfolio of your best designs — this matters most for both admission and jobs.
- 5 Gain experience via internships or a junior CAD designer role at jewellery export/manufacturing houses in Jaipur/Surat/Mumbai.
- 6 With experience, become a senior designer, design head, or start your own design studio.

MAIN EXAMS

- Admission at most institutes is portfolio/aptitude-and-interview based (no single mandatory national exam).

5 Where to study**GOVERNMENT INSTITUTES**

- Indian Institute of Gems & Jewellery (IIGJ) — GJEPC द्वारा स्थापित — Jaipur, Rajasthan (<https://iigj.org/institutes/jaipur-institute/>)
- IIGJ — बी.डिज़ाइन इन जूेलरी डिज़ाइन व CAD कार्यक्रम — Jaipur, Rajasthan (<https://iigj.org/courses/b-des-in-jewellery-design/>)
- National Institute of Fashion Technology (NIFT) — एक्सेसरी/जूेलरी डिज़ाइन — Jodhpur and other campuses (<https://www.nift.ac.in/>)
- स्किल इंडिया डिजिटल हब (आभूषण क्षेत्र कौशल) — Online / All-India (<https://www.skillindiadigital.gov.in/>)

PRIVATE INSTITUTES

- ARCH College of Design & Business — जूलरी डिज़ाइन — Jaipur, Rajasthan (<https://www.archedu.org/jewellery-design.html>)
- GIA India — ज्वेलरी डिज़ाइन व जेमोलॉजी — Mumbai (<https://www.giaindia.in/jewelry-design>)

ONLINE

- Introduction to Jewellery CAD with Rhino 3D (Udemy) — Online (<https://www.udemy.com/course/introduction-to-jewellery-cad-with-rhino-3d/>)
- IGI — Online Accelerated Jewelry Design CAD (Rhino) — Online (<https://www.igi.org/course-category/jewelry-design-courses/online-accelerated-jewelry-design-cad-rhino/>)

FEES

At GJEPC-affiliated IIGJ Jaipur, diploma/PG-diploma courses in CAD and jewellery design cost roughly ₹60,000–2,00,000, while a 4-year B.Des costs more overall. Shorter CAD diplomas/certificates run ₹20,000–1,00,000; online Rhino courses are available for ₹1,000–10,000.

SCHOLARSHIPS

- राष्ट्रीय छात्रवृत्ति पोर्टल (NSP) (<https://scholarships.gov.in/>)
- SJE Rajasthan Scholarships (राजस्थान सामाजिक न्याय विभाग) (<https://sje.rajasthan.gov.in/>)
- Buddy4Study — डिज़ाइन/व्यावसायिक छात्रवृत्तियाँ (<https://www.buddy4study.com/>)

6 What the work is like

WHERE YOU WORK

Gem & jewellery export and manufacturing houses in Jaipur, Surat and Mumbai, design studios of branded jewellery companies, online jewellery brands, and independent (freelance) design studios.

WORK CULTURE

Work is mostly on a computer in an air-conditioned studio/office, usually 6 days a week. Coordinating with designers, artisans, gem traders and clients is essential; deadlines peak during festival and wedding seasons. The field is also well suited to women and persons with disabilities.

WHO HIRES

- | | |
|---|---|
| • Jaipur gem & jewellery exporters and manufacturing houses | • Design teams of branded jewellery companies (e.g. Tanishq/Titan, Kalyan, Malabar) |
| • Online jewellery brands (e.g. CaratLane, BlueStone) | • CAD/3D-printing and rapid-prototyping service studios |

- Jewellery design consultancies and independent (freelance) designers
- Your own design studio or jewellery brand

DEMAND (2026)

Jaipur, Surat and Mumbai are India's largest gem & jewellery hubs, and India is among the world's top jewellery exporters. As the industry shifts from purely handcraft to digital CAD and 3D printing, demand for skilled CAD designers is rising fast — job portals list hundreds of jewellery CAD designer vacancies in Jaipur alone. Designers who combine technical and creative skills are especially valued.

7 Career growth

- 1 Junior/Trainee CAD Jewellery Designer
- 2 Senior CAD Jewellery Designer
- 3 Design Head / Design Studio Lead
- 4 Independent designer or your own jewellery design studio/brand

EARNINGS

Starting	₹20,000–30,000/माह
Mid level	₹35,000–55,000/माह
Senior level	₹60,000–1,00,000+/माह

Per Careers360 (2026), a jewellery designer earns roughly ₹20,000–39,000/month at entry and up to ₹50,000–1,00,000/month when experienced; CAD jewellery designers typically earn more than traditional designers (about ₹33,000–92,000/month) because of the technical skills required. Freelancing and your own brand can pay more; metros and large export houses pay higher.

8 The good parts · The challenges

The good parts

- A great blend of creativity and cutting-edge technology (3D CAD)
- Plenty of jobs and freelance opportunities in a global hub like Jaipur
- A clear path to launch your own studio/brand with experience

The challenges

- Long hours of fine work on a computer screen — strain on eyes and posture
- Tight deadline pressure during festival and wedding seasons
- Software and trends change constantly — continuous learning is a must

9 Real-life journeys

Sunita Shekhawat

Renowned Jaipur jewellery designer, 'The Modern Meenakar'

Born in Osian, Jodhpur, Sunita Shekhawat studied at Jaipur's Indian Institute of Gems & Jewellery (IIGJ) and, with no inherited business, launched her own brand in 1996 as a first-generation jeweller in a male-dominated industry. By fusing Rajasthan's traditional meenakari (enamel) craft with contemporary design she earned global recognition and the title 'The Modern Meenakar'; her family even set up a Jaipur museum dedicated to meenakari. Her journey shows how strong design training and hard work can take a girl to the very top of Jaipur's jewellery world.

Sunita Shekhawat Jaipur · <https://sunitashekhawat.com/about-the-founder>

Siddharth Kasliwal

Creative head and jewellery designer, Munnu The Gem Palace, Jaipur

Siddharth Kasliwal is a ninth-generation jeweller of Jaipur's famous Gem Palace family and the creative head of 'Munnu The Gem Palace'. Carrying forward his family's centuries-old craft, he has designed collections that won international acclaim, with pieces reaching prestigious institutions like the Metropolitan Museum of Art and the Kremlin Museum. By blending traditional techniques such as kundan with fresh design ideas, his story shows that a world-class career as a designer can be built within Rajasthan's rich jewellery heritage.

Forbes · <https://www.forbes.com/sites/barrysamaha/2017/02/06/siddharth-kasliwal-designs-his-second-collection-for-munnu-the-gem-palace/>

10 If this route does not work out

One exam or one attempt does not close the door. The same subjects also open these routes — entry is usually easier, and you can return to this field later.

- Design Engineer
- Industrial Designer
- Product Designer

11 Sources & further reading

1. Rajasthan Career Guidance – CAD Jewellery Designer — <https://cg.rajasthan.gov.in/careerguidance/hi/career/%e0%a4%95%e0%a5%88%e0%a4%a1-%e0%a4%86%e0%a4%ad%e0%a5%82%e0%a4%b7%e0%a4%a3-%e0%a4%a1%e0%a4%bf%e0%a4%9c%e0%a4%bc%e0%a4%be%e0%a4%87%e0%a4%a8%e0%a4%b0-cad-jewellery-designer/>
2. Indian Institute of Gems & Jewellery (IIGJ), Jaipur – GJEPC — <https://iigj.org/institutes/jaipur-institute/>
3. Careers360 – Jewellery Designer Salary (2026) — <https://design.careers360.com/articles/jewellery-designer-salary-in-india>
4. ARCH College of Design & Business, Jaipur – Jewellery Design — <https://www.archedu.org/jewellery-design.html>
5. National Scholarship Portal — <https://scholarships.gov.in/>



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