



## UGC NET 2024: Provisional Answer Key Now Available at [ugcnet.nta.ac.in](https://ugcnet.nta.ac.in)

-VidyarthiMitra News Desk

The National Testing Agency (NTA) has released the provisional answer key for the UGC NET June 2024 examination on Saturday, September 7. Candidates who participated in the exam on August 21, 22, and 23 can access and download the answer key from the official website at [ugcnet.nta.ac.in](https://ugcnet.nta.ac.in).

To download the UGC NET 2024 answer key, candidates must enter their Application Number and Date of Birth on the website.

Direct Link to Download UGC NET 2024 Answer Key

In its official notice, the NTA stated: "The Provisional Answer Key(s) for UGC – NET June 2024 (Rescheduled) Examination conducted on August 21st, 22nd, and 23rd, 2024, along with the Question Paper and Recorded Responses, are available on the website [\[https://ugcnet.nta.ac.in/\]](https://ugcnet.nta.ac.in/)(<https://ugcnet.nta.ac.in/>) for candidates to review and challenge. The procedure for challenging the answer key is detailed in Annexure – II."



Provisional Answer Key(s) for UGC – NET June 2024 (Rescheduled) Examination conducted on August 21st, 22nd, and 23rd, 2024, along with the Question Paper and Recorded Responses, are available on the website [\[https://ugcnet.nta.ac.in/\]](https://ugcnet.nta.ac.in/)(<https://ugcnet.nta.ac.in/>) for candidates to review and challenge. The procedure for challenging the answer key is detailed in Annexure – II." Candidates who wish to contest the answer key may do so by paying a non-refundable processing fee of ₹200 per question.

## NEET UG 2024 Counselling: Additional 600+ Seats Available in Round 2 at [mcc.nic.in](https://mcc.nic.in)

-VidyarthiMitra News Desk

The Medical Counselling Committee (MCC) has announced the addition of 614 new seats in the second round of NEET UG Counselling 2024. These seats are distributed across medical colleges in Andhra Pradesh, Maharashtra, and Telangana, with Telangana reserving half of these new seats exclusively for female candidates. The detailed list of newly added seats can be accessed on the MCC's official website at [mcc.nic.in](https://mcc.nic.in).

In addition to the new seats, the MCC has also published a list of 6,947 virtual vacancies available for Round 2 admissions across various medical programs, including MBBS, BDS, and B.Sc. Nursing. These virtual vacancies are spread across medical colleges in several regions, including Andaman and Nicobar Islands, Andhra Pradesh, Assam, Bihar, Chandigarh, Chhattisgarh,

Dadra and Nagar Haveli, Delhi (NCT), Goa, Gujarat, Haryana, Himachal Pradesh, Jammu and Kashmir, Jharkhand, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Manipur, Mizoram, Nagaland, Odisha, Puducherry, Punjab, Rajasthan, Tamil Nadu, Telangana, Tripura, Uttar Pradesh, Uttarakhand, and West Bengal.

This expansion of seats and the release of virtual vacancies are expected to provide more opportunities for candidates seeking admission to medical and nursing programs. Aspirants are encouraged to check the official MCC website regularly for the latest updates and details on the counselling process.

For additional opportunities, the National Highways Authority of India (NHAI) is currently filling 60 managerial positions on a deputation basis, with applications now open.

## After NEET, JEE, IIT-Kanpur launches 'SATHEE CUET' for free preparation resources

-VidyarthiMitra News Desk

SATHEE, which stands for "companion" in Hindi, is a new platform aimed at providing free coaching and mentorship to medical and engineering aspirants. It will be supported by faculty and students from prestigious institutions like the Indian Institutes of Technology (IITs) and the All India Institute of Medical Sciences (AIIMS).

Originally scheduled for launch by Education Minister Dharmendra Pradhan on Monday, the platform's release has been postponed to an unannounced date, according to sources from the Ministry.

Developed by the Indian Institute of Technology (IIT) Kanpur, SATHEE offers over 800 educational videos in 12 regional languages, along with a vast array of assessments featuring thousands of questions. According to IIT Kanpur's Director, Abhay Karandikar, the platform will also provide regular mock tests to assist students in preparing for national competitive exams. In addition to these resources, mentorship will

be available from IIT and AIIMS students, who will guide aspirants as their "SATHEES" (companions).

Karandikar emphasized that SATHEE includes video lectures, past exam problems, NCERT materials, exemplar questions, and notes from IIT students, creating a comprehensive learning resource for JEE and NEET preparation. The platform's AI-powered dashboard will enhance the learning experience, allowing for personalized guidance.

The project was led by Prof. Amey Karkare from the Department of Computer Science at IIT Kanpur, incorporating advanced technologies like Machine Learning and Artificial Intelligence.

SATHEE will be the government's second initiative providing free entrance exam coaching. Currently, a similar platform called IIT-PAL (Professor Assisted Learning) offers free video tutorials and lectures covering NCERT syllabus topics in Mathematics, Physics, Chemistry, and Biology for Class 11 and 12 students.

## ICAI to re-open CA November Inter, Final registration for 2 days at [icai.org](https://www.icai.org)

-VidyarthiMitra News Desk

Reopening of Online Application for Chartered Accountants Examinations, November 2024.

The Institute has announced that, starting this year, the Chartered Accountants Intermediate and Foundation exams will be held three times annually, as opposed to the previous biannual schedule. Consequently, the application window for the September 2024 Chartered Accountants Intermediate and Foundation exams was reduced from 28 days to 17 days to fit the new exam schedule and meet deadlines for various examination processes, including finalization of exam centers, evaluation of answer scripts, and timely declaration of results. This shortened timeline also applies to the Chartered Accountants Final and Post Qualification Course (PQC) exams scheduled for November 2024.

In response to student requests and considering this is the first instance of the shortened timeline for the Chartered Accountants Final and PQC exams, the Institute has decided to reopen the online application process for the Chartered Accountants Final and Post



Qualification Courses—specifically the Insurance and Risk Management (IRM) Technical Examination and International Taxation – Assessment Test (INTT-AT). The application window will be open for two days, from September 11, 2024 (11:00 AM) to September 12, 2024 (11:59 PM), with a late fee of ₹600 or \$10.

Students are reminded that the 17-day application timeline will apply to all future Chartered Accountants examinations, and they are expected to adhere strictly to these deadlines.

For further details and to avail of this one-time opportunity, students should visit the Institute's official website at [\[www.icai.org\]](http://www.icai.org)(<http://www.icai.org>).

## UP NEET UG 2024 Counselling: Round 2 registration begins today at [upneet.gov.in](https://upneet.gov.in)

-VidyarthiMitra News Desk

The Directorate of Medical Education and Training is set to launch the second round of UP NEET UG Counselling 2024 starting today, September 9, 2024. This round of counselling is crucial for candidates aspiring to secure admission into undergraduate medical and dental programs, including MBBS and BDS courses, across various institutions in Uttar Pradesh. Candidates who are eligible for the counselling can apply through the official portal at [upneet.gov.in](https://upneet.gov.in). The last date to submit applications is September 13, 2024.

### Application Process and Eligibility:

To participate in the second round of counselling, candidates must pay a non-refundable application fee of ₹2,000. This process is open to those who either missed the first round of counselling or were unable to secure a seat in the previous round. The merit list, which will determine eligibility for the counselling process, will be released on September 14, 2024. Candidates can then participate in the online choice-filling process, where they will select their preferred colleges and courses. This process will be available from September 14 to September 18, 2024.

### Important Dates and Deadlines:

- Start of Round 2 Counselling Registration: September 9, 2024
- Last Date for Application Submission: September 13, 2024
- Release of Merit List: September 14, 2024
- Choice Filling Deadline: September 18, 2024
- Seat Allotment Result: September 19, 2024
- Document Verification and Seat Reservation: September 20-25, 2024

### Seat Allotment Process:

The UP NEET UG 2024 second round of seat allotment results will be announced on September 19, 2024. After the announcement, candidates who are successfully allotted seats must complete the document verification process and finalize their admission by reserving their seats at the designated institutions. The process must be completed between September 20 and September 25, 2024, at the respective colleges.

### Registration and Choice Filling Instructions:

Eligible candidates must visit the official website, [upneet.gov.in](https://upneet.gov.in), to register for the second round. They will need to provide essential information such as their NEET UG 2024 Score, Registration Certificate, Date of Birth, and a valid government ID proof during the registration process. Following this, candidates must pay the required application fee to complete the registration. Once the merit list is released, students can begin filling out their preferred college and course choices online.

### Security Deposit:

To participate in the seat allotment process, candidates are required to submit a security deposit. The deposit amounts vary based on the type of institution:

- ₹30,000 for government state quota seats,
- ₹2,00,000 for private medical college seats.

## CAT 2024 Registrations To End Soon, Check Important Guidelines

-VidarthiMitra News Desk

IIM Calcutta will soon close the registrations for the Common Admission Test (CAT) 2024. Interested and eligible candidates can visit the official website of the CAT 2024 to register for the exam. The deadline for registering for the entrance exam is September 13, 2024. IIM Calcutta will conduct the exam this year on November 24 across 170 cities. Admit cards are scheduled to be released on November 5. Candidates will be required to pay an examination fee of Rs 2,500 for general category candidates, while an examination fee of Rs 1,250 is required for reserved category candidates. CAT 2024 Eligibility: Bachelor's degree candidates having at least 50 per cent marks or equivalent CGPA; 45 per cent marks in the case of candidates belonging to the Scheduled Caste (SC), Scheduled Tribe (ST), and Persons with Disability (PwD) categories are eligible for appearing in the exam. Candidates appearing for the final year of the Bachelor's degree/equivalent qualification examination and those who have completed degree requirements and are awaiting results can also apply. CAT 2024: Steps to apply: Register to generate a unique user ID and password. Log in with the generated user ID and password to fill in the application form. Submit the application form after entering details and making online payment to complete the registration and application process. During registration, the mobile number and email address provided by the domestic candidates will be verified through an OTP sent to that mobile number and email address. Once the OTP is verified, the user ID and the password will be sent to the registered email address and to the registered mobile number to complete the registration process.

Overseas candidates will receive the OTP on their email address only. Once the payment is made and the application form is submitted, applicants will not be allowed to make any changes. Seat reservation: As per legal requirements, 15 per cent of the seats are reserved for Scheduled Caste (SC) candidates. Around 7.5 per cent for Scheduled Tribe (ST) candidates, 27 per cent of the seats are reserved for Other Backward Classes candidates belonging to the 'non-creamy' layer (NC-OBC). Up to 10 per cent of the seats are reserved for Economically Weaker Sections (EWS) candidates. Exam pattern: The exam will include three sections: data interpretation and logical reasoning, verbal and reading comprehension, and quantitative aptitude. The question paper will feature two types of questions: multiple-choice questions (MCQs) and type-in-the-answer (TITA), with a total score of 198 marks. For those pursuing an MBA, there are 21 IIMs and over 1,000 other MBA institutions that accept CAT scores. Notable non-IIM B-schools include FMS Delhi, SJMSoM IIT Mumbai, MDI Gurgaon, DoMS IIT Delhi, and SPJIMR Mumbai.



## NEET UG 2024: New 614 Seats Added In Round 2 UG Counselling

-VidarthiMitra News Desk

The Medical Counselling Committee (MCC) has added new seats in the Round 2 Counselling of National Eligibility cum Entrance Test (NEET) Undergraduate (NEET-UG) 2024. Candidates who have registered for the course can visit the official website of the MCC for detailed information. A total of 614 seats have been added in the second round of the NEET UG 2024. The details about the additional medical seats has been updated at the official MCC website — [mcc.nic.in/ug-medical-counselling](http://mcc.nic.in/ug-medical-counselling). Around seven NEET UG seats have been added in five medical colleges of Andhra Pradesh, seven in four colleges of Maharashtra, and 600 in eight colleges of Telangana. While the medical seats in Andhra Pradesh and Maharashtra are open to all genders, 50 per cent of seats in Telangana are reserved for only females. NEET UG 2024 Counselling Round

2 Schedule. Choice Filling/ Locking: September 6, 2024, to September 10, 2024 (till 11:55 p.m. as per Server Time), Processing of Seat Allotment: September 11, 2024, to September 12, 2024  
Result: September 13, 2024  
Reporting/Joining: September 14, 2024, to September 20, 2024, Verification of Joined Candidates' Data by Institutes & Sharing of Data by MCC: September 21, 2024, to September 22, 2024. The counselling is underway for the allotment of approximately 1.10 lakh MBBS seats in around 710 medical colleges across the country. The counselling is also being held for 1,000 BDS seats, in addition to Ayush and nursing seats. The MCC will conduct counselling for the 15 per cent All-India Quota seats, 100 per cent seats of all AIIMS, JIPMER Pondicherry, all central university seats, and 100 per cent deemed university seats.

-VidarthiMitra News Desk



## VITREE 2025

VITREE 2025 is that the application process for the January 2025 session has officially started as of September 5, 2024. Candidates can apply online through VIT's official website until November 25, 2024. The VIT Research Entrance Examination (VITREE) for Ph.D. and Direct Ph.D. admissions will take place on December 7, 2024, across 28 cities in India. The exam will consist of 100 multiple-choice questions covering technical subjects, English communication, and statistics. This entrance exam is crucial for those looking to pursue a Ph.D. at Vellore Institute of Technology and is considered one of the prominent gateways for research programs at VIT.

## ADMISSIONS

## MAH BCA/BBA/BMS/BBM/Integrated CET merit list releasing on this date

-VidarthiMitra News Desk

The State Common Entrance Test Cell, Maharashtra will release the merit list for the first round of admissions through the BCA/BBA/BMS/BBM/integrated MBA and integrated MCA Common Entrance Test (CET) on September 15. When released, candidates can check it on [cetcell.mahacet.org](http://cetcell.mahacet.org) and on [bbacacap24.mahacet.org](http://bbacacap24.mahacet.org). As per the updated counselling schedule, online registrations and uploading of documents will end tomorrow, September 10. Documents verification and confirmation of applications will be done up to September 13. The provisional merit list will be released on September 15 and candidates can submit grievances, if any, from September 16 to 18 (up to 5 pm). During this window, candidates can raise grievances about corrections in the data displayed in the provisional merit list. They have to do it through the candidate's login option. The CET cell said such candidates' applications will be reverted back to them for correction, and they can edit and upload documents to substantiate their claims through the login window.

The status of acceptance/rejection of a grievance raised by a candidate will be available in his/her login along with an acknowledgement. The final merit list for MAH BCA/BBA/BMS/BBM/integrated CET counselling will be released on September 20. The CET Cell said if a candidate fails to confirm the online application form at an e-scrutiny centre, his/her application will be rejected and the name of the candidate will not appear in the merit lists. Candidates belonging to SC, VJ/DT (NT (A), NT (B), NT(C), NT (D) and SBC categories have to produce caste validity certificates and ST category candidates will have to submit tribe validity certificates, the CET cell said. EWS candidates have to submit EWS Certificate (State Government Format) and all Backward Class candidates, except for SC and ST have to produce Non Creamy Layer certificate valid upto March 31, 2025. If a candidate fails to produce the original certificate or receipt issued by a competent authority at the time of verification at scrutiny center, then s/he will be treated as a general category candidates for CAP admissions, the CET Cell added.



## HP NEET UG Counselling 2024: Round 2 registrations underway

-VidarthiMitra News Desk

Atal Medical and Research University, AMRU, is carrying out registrations for Round 2 of Himachal Pradesh NEET UG Counselling 2024. Candidates who did not register in Round 1 and wish to apply in the second phase of counselling process can submit their applications on the official website at [amruhp.ac.in](http://amruhp.ac.in). As per the official schedule, AMRU will release the provisional merit list for Round 2 on September 10 and the final merit list will be released on September 11, 2024. The other important dates for Round 2 are mentioned below: Filling of choices preferences of course/college and quota for provisional allocation of seats through online 2nd round counselling: September 12 to September 15, 2024 (11:59 PM). 2nd Round Provisional seats Allocation: September 18, 2024. 2nd Round of Final Seats Allocation: September 20, 2024. Date for joining the allotted college and course in 2nd round of

2024. The vacancy positions for 3rd Round Counselling will be available from September 27, 2024. HP NEET UG Counselling 2024: How to register for Round 2  
Candidates who seek to register for the Round 2 counselling process can follow the steps mentioned below: Visit the official website at [amruhp.ac.in](http://amruhp.ac.in). On the homepage, look for the link titled, 'Click here to Apply/ Fresh registration MBBS/BDS 2nd round counselling 2024 (Only for those candidates who are not registered in 1st round counselling)' and click on it. You will be redirected to a new page. Enter the credentials to register and log in. Fill up the application form by entering the necessary particulars. Carefully read the application form and submit it. Download and keep a printout of the same for future reference. For more related information, candidates are advised to visit the official website. counselling: September 24 to September 26,

## JEECUP 2024: Round 6 allotment result for UPJEE out

-VidarthiMitra News Desk

JEECUP Round 6 Allotment Result 2024: Joint Entrance Examination Council, Uttar Pradesh has announced seat allotment results for the 6th round of UPJEE counselling. Candidates who are participating in this round can check the seat allotment result. As per the JEECUP 2024 schedule for round 6 counselling, shortlisted candidates must deposit the seat acceptance and counselling fee online from Sept 9 to 11. Candidates can withdraw from the admitted seat for the sixth round on September 11. The window for depositing the remaining tuition fee at allotted institutions is September 12 to 15, 2024.



## University of Sheffield to Launch New Four-Year Master's in Pharmacy Programme

-VidyaarathiMitra News Desk

The University of Sheffield is set to introduce a new four-year Master of Pharmacy (MPharm) degree starting September 2025. This initiative aims to address the growing demand for skilled pharmacists. The new programme will offer students comprehensive training in pharmacy, combining scientific knowledge with patient-centred care. The curriculum includes practical placements in community, hospital, and primary care settings, ensuring that graduates are well-equipped to apply their expertise in real-world scenarios.

Professor Susan Matthews, Head of Pharmacy at the University of Sheffield's School of Allied Health Professions, Nursing and Midwifery, emphasised the programme's commitment to producing well-rounded professionals.

"Pharmacists play a vital role in improving patient outcomes. Our course

is designed to produce graduates who are not only medical experts but also compassionate healthcare professionals who can make a real difference in people's lives. Sheffield Pharmacy graduates will be of their community and for their community," Mr Matthews stated.

The social accountability placement is a distinctive element of the course, which allows students to work with over 130 community partners in the voluntary sector. This placement aims to foster activities that positively impact health and well-being while addressing broader community health needs.

In addition to the new MPharm programme, the university will offer a Master of Pharmacy with a Preparatory Year for qualified Pharmacy Technicians, allowing them to achieve a Pharmacy degree through the Department for Life-Long Learning.

## NBFCs' Overseas Education Loan Portfolio Expected to Surpass Rs 60,000 Crore This Fiscal Year

-VidyaarathiMitra News Desk

Non-banking financial companies (NBFCs) are witnessing rapid growth in their education loan segment, especially for students pursuing overseas studies. The total loan portfolio is projected to exceed Rs 60,000 crore by the end of this fiscal year, up from Rs 43,000 crore in the previous year, driven by the increasing demand for higher education abroad.

NBFCs' education loan assets saw substantial growth, with over 80% growth in fiscal 2023 and 70% in fiscal 2024, bringing the total to Rs 43,000 crore as of March 2024. According to Crisil Ratings, this portfolio is expected to grow by 40-45% during this fiscal year.

Despite concerns tied to specific countries, the asset quality of education loans remains stable. Senior director at Crisil, Ajit Velonie, noted that the number of students studying abroad has nearly doubled in the past five years, reaching approximately 13.4 lakh by the last fiscal year, though NBFCs only fund about 10% of these students.

A significant portion of overseas education is financed through informal sources or self-funding, highlighting the potential for further growth in the education loan market. However, rising tuition

fees, inflation, and living expenses are increasing the average loan size, presenting challenges for students and lenders alike.

NBFCs have gained a foothold in the education loan sector due to their expertise in understanding specific markets, courses, universities, and the financial backgrounds of students and their families. This allows for product customisation, better employability assessments, and risk-adjusted pricing, according to Velonie.

The loan portfolio performance of NBFCs has been strong, with just 0.2% of education loans being 90+ days past due as of March 2024, compared to higher delinquency rates of 2% and 3.9% for private and public sector banks, respectively. Peak quarterly delinquencies on 90+ day past dues for NBFCs remained below 1%.

Director Malvika Bhotika pointed out that prepayment and foreclosure rates are high, with 35-45% of loans repaid during the initial moratorium period of three years. Most loans are cleared within five to seven years, even if the contractual term is longer. However, as 90% of the current portfolio remains under moratorium, long-term asset quality performance is yet to be fully evaluated.

## Canada to Introduce 24-Hour Work Limit for International Students This Fall: IRCC

-VidyaarathiMitra News Desk

Canada's Immigration, Refugees, and Citizenship Canada (IRCC) has announced that a new rule limiting international students to 24 hours of work per week will come into effect later this fall.

The IRCC issued a reminder on its official X account (formerly Twitter): "Eligible full-time students working off-campus can currently work up to 20 hours per week while classes are in session. A new rule to extend this limit to 24 hours per week is expected to take effect later this fall, as previously announced."

Back in May 2024, Minister of Immigration, Refugees, and Citizenship, Marc Miller, announced the change, increasing the weekly work limit for international students from 20 hours to 24 hours.

The policy allowing students to work more than 20 hours per week off-campus ended on April 30. However, students on a scheduled academic break are still permitted to work unlimited hours.

This change aims to help international students prioritize their academic success while maintaining the opportunity to work part-time. "International students come to



Canada primarily to study. This adjustment will enable them to focus on their education while still having the option to work. We'll continue to uphold the program's integrity and protect students from potential exploitation," Minister Marc Miller said.

According to the Canadian government, studies conducted in both the U.S. and Canada have revealed that working over 28 hours a week significantly affects academic performance, with working more than 24 hours increasing the likelihood of students dropping out.

## Top Universities in Germany: A Guide for International Students

-VidyaarathiMitra News Desk

Germany has become a sought-after destination for international students, thanks to its affordable education, high-quality institutions, diverse academic programs, robust economy, vibrant culture, and excellent language learning opportunities. With public universities offering tuition-free education and living costs significantly lower than those in other Western European countries, Germany presents an attractive option for students pursuing a world-class education and promising career opportunities.

Choosing the right university is key for international students looking for a fulfilling academic experience. Studying abroad fosters cultural awareness, expands global perspectives, and enhances communication skills across cultures. The QS World University Rankings, which evaluate universities based on academic reputation, can help students identify top-tier institutions to make informed decisions about where to pursue their higher education.

Here are some of the top-ranked German universities based on their academic reputation:

- Ludwig-Maximilians-Universität München (LMU Munich):** Established in 1472, Ludwig-Maximilians-Universität München is one of Germany's oldest and most prestigious institutions. Often referred to as part of the "Ivy League of Europe," LMU Munich consistently ranks among the top universities worldwide. Popular programs include Medicine, Law, Economics, Political Science, Psychology, Philosophy, and Mathematics. The average annual tuition fee is around 1,18,000 INR.
- Humboldt-Universität zu Berlin:** Founded in 1810, Humboldt-Universität zu Berlin is renowned for its dedication to research and academic freedom. Named after the famous Humboldt brothers, the university is well-known for its excellence in History, Philosophy, Law, Economics, Political Science, and German Studies. The average annual tuition fee is approximately 1,18,000 INR.
- Technical University of Munich (TUM):** Since its founding in 1868, the Technical University of Munich has earned a reputation as one of Germany's top technical universities. It specializes in Engineering, Science, and Technology, offering cutting-edge programs in fields like Mechanical, Electrical, Civil, and Computer Engineering, as well as Mathematics, Physics, and Chemistry. The average annual tuition fee is around 1,18,000 INR.
- Freie Universität Berlin (FU Berlin):** Established in 1948, Freie Universität Berlin is known for its interdisciplinary approach to education and strong focus on research. Offering programs in History, Philosophy, Law, Economics, Political
- Universität Heidelberg:** Founded in 1386, Universität Heidelberg is Germany's oldest university and a prestigious hub for learning and research. The university offers programs in Medicine, Law, Economics, Political Science, Psychology, and Philosophy. Its long-standing academic tradition and commitment to excellence make it a top choice for students worldwide. The annual tuition fee is approximately 1,18,000 INR.
- Technische Universität Berlin (TU Berlin):** Founded in 1879, Technische Universität Berlin is a leading technical university specializing in Engineering, Science, and Technology. With popular courses in Mechanical, Electrical, Civil, and Computer Engineering, as well as Mathematics, Physics, and Chemistry, TU Berlin is at the forefront of innovation and research. The average annual tuition fee is about 1,18,000 INR.
- Rheinische Friedrich-Wilhelms-Universität Bonn:** Established in 1818, the University of Bonn is known for its strong research and interdisciplinary education. Popular programs include Medicine, Law, Economics, Political Science, Psychology, and Philosophy. With a focus on fostering academic exploration, the university is a significant academic institution in Germany, with an annual tuition fee of approximately 1,18,000 INR.
- Universität Hamburg:** Founded in 1919, Universität Hamburg is a comprehensive university emphasizing research and academic freedom. Situated in Germany's second-largest city, the university offers courses in Medicine, Law, Economics, Political Science, Psychology, and Philosophy. The average annual tuition fee is around 1,18,000 INR.
- RWTH Aachen University:** Founded in 1870, RWTH Aachen University is one of Germany's premier technical universities. It offers courses in Mechanical, Electrical, Civil, and Computer Engineering, along with Mathematics, Physics, and Chemistry. Known for its strong industry connections and advanced research facilities, RWTH Aachen is a top destination for technical education. The tuition fee is about 1,18,000 INR annually.
- University of Göttingen:** Established in 1737, the University of Göttingen is a prestigious institution with a rich academic tradition. It offers a range of courses, including Medicine, Law, Economics, Political Science, Psychology, and Philosophy. The university is well-regarded for its rigorous academics and vibrant campus life. The average tuition fee is around 1,18,000 INR annually.



## Maharashtra Sees an 80% Surge in Accredited Colleges Amid Push for Higher Educational Standards

-VidyaarathiMitra News Desk

Maharashtra has witnessed a remarkable 80% increase in the number of accredited colleges since July last year, thanks to concerted efforts by the state's Higher and Technical Education Department to elevate the quality of higher education. As of July 2023, the number of colleges accredited by the National Assessment and Accreditation Council (NAAC) in the state has surged from 1,168 to 2,108, reflecting a significant push for accreditation in recent months.

A major factor driving this increase has been the state's initiative to link various benefits, including the ability to start new courses and divisions, to colleges obtaining accreditation. This move has especially encouraged many institutions to seek accreditation for the first time. Over 50% of these colleges are in their first cycle of NAAC accreditation, showcasing a newfound commitment to maintaining educational standards across the state.

Accreditation efforts in Maharashtra are not limited to NAAC, which accredits general colleges; technical institutions are also being urged to have their specific programs evaluated by the National Board of Accreditation (NBA). While NAAC focuses on assessing overall institutional quality, the NBA assesses technical courses offered at these institutions. Maharashtra currently leads the nation with the highest number of accredited colleges, significantly ahead of Karnataka, which ranks second with 858 accredited institutions.

The state's proactive measures began in March 2022 when the Higher and Technical Education Department mandated colleges to seek accreditation immediately or risk losing their affiliation. Additionally, the government has made NAAC accreditation a prerequisite for obtaining permission to start new programs, divisions, or postgraduate sections. For example, several law colleges were recently denied approval to launch LLM programs because they had not yet attained accreditation. Historically, law colleges in Maharashtra had not been accredited by NAAC, making this a new and significant shift. The manual for assessing legal education by NAAC is a recent development, and the state now boasts 25 accredited law colleges offering undergraduate degrees, with 12 institutions offering postgraduate programs.

An official from the state government emphasized that the push for accreditation aligns with the goals outlined in the National Education Policy (NEP) 2020, which aims to enhance the quality of higher education institutions across the country. "Accreditation is now tied to several benefits, such as launching new courses and expanding divisions. Additionally, we have seen an increase in colleges seeking NBA accreditation for their technical programs. Moving forward, the government intends to encourage even

broader participation in the National Institutional Ranking Framework (NIRF). While many state universities are already part of the NIRF, more focus will be placed on encouraging individual colleges to participate," the official stated.

This year, 545 colleges across Maharashtra participated in the NIRF, with 79 of them located in Mumbai. The participation in this national ranking system is expected to grow as more institutions understand the advantages of being ranked and recognized at the national level.

NAAC Chairman Anil Sahasrabudhe attributed the significant increase in accredited colleges to the proactive efforts of the Maharashtra government. "The substantial rise in accreditation numbers is primarily because the baseline was initially low. However, the government's push and the issuance of clear guidelines last year have had a positive impact. Wherever state governments have taken similar proactive measures, we have seen a corresponding increase in accredited institutions," he explained. Sahasrabudhe also noted that a large number of colleges across the country remain unaccredited, but he is hopeful that upcoming reforms will change this.

NAAC is preparing to introduce a new binary accreditation system, which will classify colleges as either "accredited" or "non-accredited" without assigning them specific grades. This change is expected to encourage more colleges to seek accreditation, as it removes the fear of receiving a low grade, which has historically deterred some institutions from undergoing the evaluation process.

In conclusion, Maharashtra's focus on pushing colleges to seek accreditation and improve the quality of education aligns with the broader goals of the NEP 2020. The state has set a benchmark for others to follow, and with the introduction of new accreditation systems, the future looks promising for higher education across India.



## Assam Combines SEBA and AHSEC to Create Unified 'State School Education Board'

-VidyaarathiMitra News Desk

Assam Chief Minister Himanta Biswa Sarma has announced the merger of the School Education Board of Assam (SEBA) and the Assam Higher Secondary Education Council (AHSEC), resulting in the formation of the unified Assam State School Education Board. This decision aligns with the National Education Policy (NEP) 2020, which aims to streamline school education to meet the demands of the 21st century.

Sharing the update on platform X, Chief Minister Sarma said, "In a significant step towards elevating our education sector in line with NEP 2020, we have merged SEBA and AHSEC to form the Assam State School Education Board. The new board will integrate school education tailored for the 21st century." The Ministry of Education emphasized that NEP 2020 focuses on the holistic development of students, promoting not only cognitive skills—both foundational

skills like literacy and numeracy and higher-order skills such as critical thinking and problem-solving—but also social and emotional abilities, including cultural awareness, empathy, teamwork, communication, and leadership.

In a related development, Assam Governor Lakshman Acharya has appointed RC Jain as Chairman of the newly formed Assam State School Education Board and Rukma Gohain Baruah, current Chairman of AHSEC, as the Vice-Chairman. Both have been appointed for a three-year term or until they reach the age of 70, whichever comes first.

The NEP 2020 is built on five key pillars: access, equity, quality, affordability, and accountability. According to the Ministry of Education, this policy aims to prepare India's youth for both national and global challenges, equipping them with the skills necessary for the future.

## Tamil Nadu School Education Department Agrees to Exempt Elementary Teachers from EMIS Work

-VidyaarathiMitra News Desk

The Tamil Nadu School Education Department held discussions with members of the Tamil Nadu Elementary Teachers Organisations-Joint Action Committee (TETO-JAC) following the committee's announcement of a protest for 31 demands, scheduled to begin on Tuesday.

During the talks, the department agreed to several demands, including relieving elementary teachers from Educational Management Information System (EMIS) duties and reducing the frequency of online assessments for elementary school students.

Despite these concessions, TETO-JAC leaders stated that a final decision on the protest is still pending. "We will engage in further discussions with education department officials and decide on our next steps," said a TETO-JAC representative.

The department provided a status update on 12 demands, stating that six had been fulfilled, two are under government consideration, two are delayed due to ongoing court cases, and one is awaiting a committee's report. A TETO-JAC member explained that although administrators were previously appointed to handle EMIS tasks, they had not been maintaining the system in nearby primary schools. The department has now committed in writing to addressing these issues.

Additionally, the online assessments for Classes 1 to 5, previously held weekly, will now take place monthly. School Management Committee meetings, previously mandated monthly, will now be scheduled based on individual school requirements. The department also confirmed that FIRs filed against TETO-JAC members for protests in



2016, 2017, and 2019 will be withdrawn. Additionally, the department has clarified that participation in teacher training sessions will be voluntary, ensuring that only those teachers who are genuinely interested will take part in these programs. This is intended to address concerns raised by teachers about mandatory participation in such sessions.

The department has also resolved longstanding pay-related issues for headmasters who were promoted to graduate teachers. These headmasters had experienced discrepancies in their salaries after their promotions, but the matter has now been addressed to their satisfaction. Furthermore, the government is currently considering a proposal to introduce incentives and promotions for teachers who have pursued and completed higher education qualifications. This would provide a significant boost to the morale of educators who have invested time and effort into furthering their professional development.

## Government to Offer EAPCET, NEET, and JEE Coaching for Junior College Students

-VidyaarathiMitra News Desk

The state government has approved the Department of Higher Education's initiative to conduct coaching classes for government junior college students preparing for competitive exams such as the Engineering Agricultural and Pharmacy Common Entrance Test (EAPCET), National Eligibility cum Entrance Test (NEET), and Joint Entrance Examination (JEE).

In an order issued by Principal Secretary for Education, Burra Venkatesham, it was confirmed that these coaching classes will commence in the current academic year, providing students with much-needed support to excel in these entrance exams.

Establishment of Academic Guidance, Training, and Placement Cell (AGTPC)

In a separate development, the government has also established an Academic Guidance, Training, and Placement Cell (AGTPC) to enhance the overall academic framework. As per an order issued last week, AGTPC will take on specific responsibilities, including preparing academic calendars, conducting academic audits, and maintaining databases of staff, students, and courses for each institution. The cell will also monitor the introduction of new courses, plan student

projects, and organize science exhibitions and field tours aimed at identifying and nurturing student talents.

Focus on Skill Development and Placements

The AGTPC's training, placement, and skill development wing will play a crucial role in organizing coaching classes for competitive exams, industry-institute meetings, and placement initiatives. It will also manage job fairs, MoUs, and fundraising activities, contributing to student training and placement opportunities.

Government Approves Staffing for AGTPC

To facilitate smooth operations at AGTPC, the government has granted permission for the Director of Intermediate Education to assign junior lecturers and data entry operators on an "on-duty" basis until permanent staff are appointed. Three posts for junior lecturers—one for the general stream and two for the vocational stream—will be created, along with three data entry operator positions at the office of the Director of Intermediate Education.

This comprehensive initiative reflects the government's commitment to enhancing education and career opportunities for junior college students across the state.

## NSP Scholarships 2024-25 for Students with Disabilities: Applications Open

-VidarthiMitra News Desk

The Department of Empowerment of Persons with Disabilities (DEPwD) under the National Scholarship Portal (NSP) has announced several scholarship programs for the academic year 2024-25. These include the NSP Scholarships for Top Class Education for Students with Disabilities, Post-Matric Scholarship, Pre-Matric Scholarship, and the Central Sector Scheme of Scholarship for College and University Students.

These scholarships aim to provide financial support to students with disabilities from pre-matric to post-matric levels, ensuring access to quality education. The Central Sector Scheme of Scholarship further supports meritorious students to pursue higher education.

**Key Scholarship:** NSP Scholarships for Top Class Education for Students with Disabilities 2024-25

**Eligibility Criteria:**

Indian national with at least 40% disability (as per the Rights of Persons with Disabilities Act, 2016)

Pursuing graduation, postgraduation, or diploma from a recognized institution

Annual family income not exceeding ₹8,00,000

**Benefits:**

Tuition fee reimbursement up to ₹2,00,000 per annum

Monthly maintenance allowance: ₹3,000 for

hostellers and ₹1,500 for day scholars

Special allowances (reader, escort, helper, etc.): ₹2,000 per month

Books and stationery allowance: ₹5,000 per annum

One-time grant of ₹45,000 for a laptop/computer purchase

₹30,000 for aids and assistive devices

**Documents Required:**

Passport-size photograph

Valid disability certificate

Previous academic mark sheet

Current year fee receipt

Age proof

Annual income certificate

Bank details

**How to Apply:**

Eligible candidates can apply via the National Scholarship Portal:

Register on the NSP website.

Complete the 'One-time Registration' (OTR) process.

Log in, select the scholarship, and submit the required details and documents.

The deadline for the Top Class Education Scholarship is 31st October 2024. Students are advised to fill out the application form carefully, as no changes can be made once submitted.

For more details, visit the National Scholarship Portal.

## NSP Top Class Education Scheme for SC Students 2024-25: Applications Open

-VidarthiMitra News Desk

The Ministry of Social Justice and Empowerment, Government of India, has launched the NSP Top Class Education Scheme for SC Students 2024-25. This initiative aims to support Scheduled Caste (SC) students pursuing undergraduate or postgraduate studies in recognized Indian institutions.

**Eligibility Criteria:**

Must belong to the SC category.

Should have passed Class 12 with at least 60% marks.

Must be admitted to a recognized college or university for a full-time undergraduate or postgraduate degree.

Annual family income should be below ₹8,00,000.

**Scholarship Benefits:**

Full Tuition Fee and Non-refundable Charges: Up to ₹2,00,000 per annum for private sector institutions.

**Academic Allowance:**

First year: ₹86,000

Subsequent years: ₹1,00,000 per year This allowance covers living expenses, books, stationery, and a computer/laptop with essential accessories.

**Important Details:**

The scheme is funded by the Ministry of Social Justice and Empowerment.

Payments will be made

directly to students via Direct Benefit Transfer (DBT) after securing admission.

Students must deposit fees to their institutions within one month of receiving the payment.

**Required Documents:**

Caste certificate

Income certificate (issued by a Tehsildar or equivalent)

Bank account details

Proof of admission

Entrance exam scorecard (if applicable)

Class 12 marksheets

Fee structure details

**Application Process:**

Click on 'Apply Now'.

Register with required details or log in if already registered.

Navigate to 'Students' and click 'Login' under the OTR option.

Register as a new user and complete the OTR process.

After registration, apply for the scholarship, fill in details, upload documents, and submit.

**Note:** Applications must be accurate as changes cannot be made post-submission. Multiple applications will lead to disqualification.

**Deadline:**

Application Submission: 31st October 2024

For more information and to apply, visit the National Scholarship Portal.

## NSP Financial Assistance for Children of Beedi/Cine/IOMC/ LSDM Workers: Pre-Matric 2024-25

-VidarthiMitra News Desk

The Ministry of Labour and Employment, Government of India, has announced the NSP Financial Assistance for the Education of the Wards of Beedi/Cine/IOMC/LSDM Workers - Pre-Matric 2024-25. This scheme provides financial support to children of workers in these sectors who are studying in Classes 1 to 10.

**Eligibility Criteria:**

Must be a student in Class 1-10 at a government-recognized institution.

Child of a Beedi, Cine, IOMC, LSDM, or Mica mine worker with at least six months of

service (includes Contract/Gharkhata (Home-Based) workers).

Must have passed the last qualifying exam on the first attempt.

**Annual family income must not exceed:**

₹10,000 per month for supervisory and managerial employees and Beedi workers.

₹8,000 per month for cine workers.

**Note:** Students in correspondence courses are not eligible, but those promoted to the next class can apply.

**Benefits:**

Class 1-4: ₹1,000 per annum (dress, books, etc.)

Class 5-8: ₹1,500 per annum

Class 9-10: ₹2,000 per annum

**Required Documents:**

Photo of the applicant

Worker's Identity Card (Form B register number for mine workers)

Bank passbook or cancelled cheque

Previous academic year's marksheet or passing certificate

Income certificate from a revenue authority

**Application Process:**

Click on 'Apply Now'.

Register/ log in with Mobile number/Email ID.

## Prime Minister's Scholarship Scheme for Central Armed Police Forces and Assam Rifles 2024-25: Applications Now Open

-VidarthiMitra News Desk

The Ministry of Home Affairs, Government of India, has launched the Prime Minister's Scholarship Scheme for Central Armed Police Forces (CAPFs) and Assam Rifles (AR) for the 2024-25 academic year. This initiative provides financial support to the wards of CAPFs and AR personnel, including those who are deceased, disabled due to service, or have received gallantry awards.

**Eligibility Criteria:**

Applicants must be wards of CAPFs & AR personnel (serving, retired, or deceased) or their widows.

Must be pursuing a first professional degree (e.g., Engineering, Medicine, Dentistry, Veterinary Science, BBA, BCA) at a government-recognized institution.

New applicants must have secured at least 60% marks in their Minimum Entry Qualification (MEQ), such as Class 12 or equivalent.

Renewal applicants must have maintained a minimum of 50% marks in each academic year of their professional course.

**Note:** The scheme prioritizes new applicants who are wards or widows of personnel who died or were disabled in service. The scholarship is applicable only to first professional degree courses and does not cover integrated or diploma programs.

**Benefits:**

Monthly Allowance: ₹3,000 for females and

Access the 'Students' section on the dashboard. Complete the One-Time Registration (OTR) process.

Apply for the scholarship, fill in the required details, upload documents, and submit.

**Note:** Ensure all information is correct as changes cannot be made after submission. Multiple applications will lead to disqualification.

**Deadline:**

Application Submission: 31st October 2024

For more details and to apply, visit the National Scholarship Portal.

₹2,500 for males. The scholarship is provided for the entire duration of the course or up to a maximum of 5 years, whichever is shorter.

**Note:** Applicants must have an Aadhaar-linked bank account, which should be converted to a major account if they are minors.

**Required Documents:**

Service certificate (for serving personnel)

Bonafide certificate from the college or university

Bank account details

Marksheets of MEQ

PPO/Discharge certificate, Disability certificate, Death certificate, or Gallantry award certificate (if applicable)

**Application Process:**

Click on 'Apply Now'.

Register or log in using Gmail/Mobile number/Email ID.

Access the 'Students' section on the dashboard. Complete the One-Time Registration (OTR) process.

Apply for the scholarship, fill in the required details, upload documents, and submit.

**Note:** Ensure all information is accurate, as changes cannot be made post-submission.

Multiple applications will lead to disqualification.

**Deadline:**

Application Submission: 31st October 2024

For more details and to apply, visit the National Scholarship Portal.

## Central Sector Scheme of Scholarship for College and University Students 2024-25

-VidarthiMitra News Desk



The Department of Empowerment of Persons with Disabilities is offering scholarships under the Central Sector Scheme for the academic year 2024-25. The scholarship aims to support Indian students pursuing undergraduate or postgraduate degrees.

**Eligibility Criteria:**

Nationality: Indian

Education: Passed Class 12 with at least 80% marks from a recognized board.

Enrollment: Currently enrolled in an undergraduate or postgraduate program at a recognized institution.

Income: Family annual income should not exceed ₹4,50,000.

Exclusions: Students in distance education, correspondence programs, or diploma courses are ineligible.

**Scholarship Benefits:**

Graduation (1st to 3rd Year): ₹12,000 per annum

Graduation (4th & 5th Year) and Professional Courses: ₹20,000 per annum

Technical Courses (B.Tech, B.Engg., etc.): ₹12,000 per annum

Postgraduation: ₹20,000 per annum

**Documents Required:**

Aadhaar card or alternative ID

Class 12 marksheet and certificates

Income certificate

Caste certificate (if applicable)

Disability certificate (if applicable)

**Application Process:**

Click 'Apply Now' and register or log in.

Complete the 'One-time Registration' (OTR) with required details.

Log in and apply for the scholarship.

Upload necessary documents and submit the application.

**Deadline:** 31st October 2024

For further information and to apply, visit the National Scholarship Portal (NSP).

## INSPIRE Awards MANAK Scheme 2024-25

-VidarthiMitra News Desk

INSPIRE Awards MANAK Scheme 2024-25 is an opportunity for students in Classes 6 to 10. The scheme is a flagship program implemented by the Department of Science and Technology (DST), Ministry of Science and Technology, Government of India that aims to nurture these qualities among school students. The scheme encourages them to address societal needs through science and technology by developing original ideas. The selected students will receive a one-time award of ₹10,000.

Eligibility: 15-Sep-2024

To be eligible, the applicant must:- be between 10 and 15 years old

be currently studying in Classes 6 to 10

Note: Each school can nominate 2-3 students.

Benefits:- Selected students will receive a one-time award of ₹10,000. In addition, students selected for the National Level Exhibition & Project Competition (NLEPC) will receive mentoring from reputed technology institutions and funding for prototype development.

Documents:- Photograph of the student, Applicant's passbook details, Applicant's Aadhaar number, Applicant's school identity card (if applicable)

How can you apply? The schools can submit the nomination of a candidate by following these steps:-Step 1: Click the 'Apply Now' button below.Step 2: Click on the 'Register' button on the right-hand side of the dashboard and fill in the required details to 'Register'. (Note:- If already registered, log in using the registered email ID.)Step 3: Navigate to the 'For New Registration - Click Here' under the 'ONE OF THE OPTIONS GIVEN BELOW TO PROCEED' at the bottom of the page and click on it.Step 4: Fill in all the necessary details to complete the registration process

## EmpowerHER Scholarship 2024-2025

-VidarthiMitra News Desk

EmpowerHER Scholarship 2024-2025 is a 100% tech scholarship for women in India, in collaboration with KSIF (Korea Social Innovation Fund) and powered by AVPN. The scholarship is open to female students who have completed Class 12, a diploma, or a degree in any stream. The program equips women with digital skills and resources to boost their career prospects and entrepreneurial abilities. The scholarship covers specialisations in Web Engineering, Front-End Development, and Business Analysis. Selected female students will receive a 100% tech scholarship for eligible courses and a three-month paid internship. The program is designed as a comprehensive 5-month course delivered entirely through 100% live online sessions, conducted from 11 AM to 5 PM, Monday to Friday. Upon successful completion, participants can secure a 3-month paid internship to gain practical experience. (Note:- Please note that internship placements are subject to terms and conditions.)

Eligibility: 20-Sep-2024

To be eligible, an applicant must:- be an Indian female between the age group of 18 and 30 years, have completed Class 12, a diploma, or a degree in any field, including but not limited to BBA, BA, BTech (all disciplines), B.Com., and B.Sc degree programme, possess basic English proficiency, own a laptop or desktop computer with a reliable internet connection (Note:- A minimum speed of 10 Mbps is recommended.)

Note:- Priority will be given to candidates from rural areas and economically disadvantaged backgrounds, particularly those residing in Tier 2 and Tier 3 cities and towns across India. Successful completion of the Masai School Admissions Test (MSAT)

.Step 5: After successful registration, select the 'Student Nomination' option.Step 6: Fill in the details of the student, upload the photograph and submit it to generate the acknowledgement. Note:- Schools should submit student nominations by the deadline to avoid last-minute inconveniences caused by the heavy load on the E-MIAS web portal.

It is advisable to use your school email ID, which can be accessed even if there are changes in administration. The application number generated can be kept for future reference. For detailed information, kindly refer to the 'User Manual for Schools'.

The selection of ideas/innovations will be based on factors such as novelty, social applicability, environment friendliness, user-friendliness and comparative advantage over the existing similar technologies. The selection of ideas/innovations will involve juries at three levels: District & State Level: Juries at this level will be comprised of District Nodal Officers (DNOs) and State Nodal Officers (SNOs). National Level: The Department of Science and Technology will constitute the jury for the National Level Exhibition & Project Competition. National Innovation Foundation Participation: It's important to note that NIF will be involved in the jury selection process at all levels (District, State, and National). The 1,000 most promising ideas/innovations will be showcased at the prestigious National Level Exhibition & Project Competition. From these, a select group of the top 60 will be shortlisted for national awards and potential future development opportunities. The top 60 ideas/innovations will be considered by NIF for product/process development and linkage with other NIF/DST schemes. They will also be displayed at the Annual Festival of Innovation & Entrepreneurship.

is mandatory for enrollment. The Masai School program caters to three primary groups:-Fresh Graduates: Individuals who face challenges launching their careers after completing their education (Class 12, diploma, or any bachelor's degree) due to a lack of relevant skills. Professionals Seeking Reskilling: Individuals who want to re-enter the workforce after a career break due to marriage, childcare, family responsibilities, or other social constraints. Career Changers: Professionals with experience in non-tech fields who want to acquire tech skills and transition to careers in the technology industry. Benefits:- Selected students will be awarded a 100% tech scholarship for eligible courses and a three-month paid internship upon successful program completion.

Students must achieve an 80% attendance rate, complete 80% of assignments, and demonstrate satisfactory performance in course evaluations to be eligible for the internship opportunity.

Documents:- Income certificate, Aadhaar card (mandatory), Academic transcripts, including marksheets and certificates, Disability certificate (if applicable), Caste certificate (if applicable), First page of Aadhaar-seeded bank account passbook (if applicable), A valid passport (if applicable)



## Arturo Falaschi Short-Term Postdoctoral Fellowships, ICGEB, New Delhi 2024

-VidarthiMitra News Desk

Arturo Falaschi Short-Term Postdoctoral Fellowships, ICGEB, New Delhi 2024, is an opportunity offered by the International Center for Genetic Engineering and Biotechnology (ICGEB), to Ph.D. in Life Science degree holders. The selected candidates will receive a monthly stipend of US\$1,590 and other benefits.

Eligibility: 30-Sep-2024

To be eligible, the applicant must:

be a citizen of an ICGEB member state

be below 35 years of age

hold a Ph.D. degree in Life Sciences OR

have a minimum of 3 years of research experience, have a good working knowledge of the English language, supported by a proficiency certificate (TOEFL, Cambridge certificate, or equivalent)

Benefits:- The selected fellows will receive a monthly stipend of US\$ 1,590.

Other Benefits: Travel expenses from the applicant's home country to the ICGEB lab and a return travel ticket upon completion of the fellowship. Medical health insurance coverage. Reimbursed visa/permit of stay application and renewal cost. Accommodation support. Documents:- Curriculum Vitae (CV) Written Statement from the ICGEB Group Leader, A valid identification document (passport or identity card) [Note:- Recommended passport validity should be at least 12 months]. English Certificate (TOEFL, Cambridge, or similar) [Note:- This document is not requested when scholastic education has been undertaken in English.]

How can you apply? - Eligible applicants can apply for the fellowship by using the below-mentioned steps -

Step 1: Click on the 'Apply Now' below. Step 2: Click on the 'Register' button and fill in the required details to 'Register'. (Note:- If already registered, log in using Gmail/Mobile number/Email ID.) Step 3: Navigate to the 'Apply' button at the bottom of the page. Step 4: Click on the 'Sign Up' button to create an account. (Note - If the applicant already has an account, kindly log in using valid credentials.) Step 5: After successfully creating an account, fill in the registration form and complete the process step-by-step. Step 6: Upload the relevant documents and submit them.

Note:- For detailed information regarding the application process, kindly refer to the 'Application Submission Guideline' document.

Important Dates

Application Deadline: 30th September 2024

Selection Criteria

The ICGEB fellowships selection committee will evaluate complete and endorsed applications received by the closing date. The main criteria for selection include:

The scientific excellence of the project

The qualities of the candidate's curriculum vitae (or résumé) and potential benefit for the home country.

Terms and Conditions

ICGEB does not offer financial assistance or administrative support for family members of program participants. Support for participation in meetings and courses is generally provided by the Group Leader/Principal Investigator. Proof of English proficiency is not required for those whose secondary or higher education was conducted in English. Candidates will be notified of the application outcome via email as soon as possible after the application deadline.

## NICE Foundation's National Scholarship Exam 2024

-VidarthiMitra News Desk

The National Scholarship Exam is an annual examination conducted by the NICE Foundation for students in Classes 5 to 12, as well as those pursuing diploma or degree courses. Selected students will receive a scholarship award of up to ₹25,000.

Following a Multiple-Choice Questions (MCQ) format, this examination aims to provide financial support to talented students while helping them assess their strengths and weaknesses in key academic areas. About NICE Foundation:- NICE Foundation is an educational trust established by intellectuals and industry veterans with a vision to prepare the next generation by providing an excellent learning framework. The foundation aims to equip students to compete in a diverse global market. It focuses on creating a robust learning framework for scholarships and preparation for various competitive, banking, and other government job examinations.

The foundation not only provides scholarships but also offers courses designed to help students prepare for various competitive exams in India, such as the Staff Selection Commission (SSC) and banking exams, among others related to government jobs. These courses aim to equip students with the necessary knowledge and test-taking strategies for success. The foundation's mission is to build a strong academic foundation for students by offering a well-structured learning framework, which includes quality teaching methods and resources to enhance student understanding.

Note: The exam will be conducted in English, Hindi, and Marathi. The exam will be entirely objective-based, i.e. all questions will be in multiple-choice format. Each question will have 4 alternatives.

Total Questions: 100, Total Marks: 100, Exam Duration: 1 hour, There is no negative marking for incorrect answers.

Merit Ranking Criteria: The merit list will be ranked in descending order based on the total marks scored in the exam. In case of a tie (two or more students scoring the same marks), the following tie-breaking criteria will be applied, in order:

Higher marks in Mathematics & General Science combined.

Higher marks in General Knowledge.

Higher marks in Reasoning & Analytical abilities.

Higher marks in Comprehension.

To read the detailed information, CLICK HERE.

Benefits:- The selected candidates will receive the scholarship based on their ranks below:

Rank 1: ₹25,000

Rank 2: ₹20,000

Rank 3: ₹15,000

Rank 4: ₹10,000

Rank 5: ₹5,000

All Standards (Ranks 6-100): ₹1,000 per student. Participation Certificates: Awarded to all students. All diploma and degree students, regardless of year or specialisation, will be ranked together within their respective categories. Additionally, the winning school/college will receive the biggest prize of ₹25,000, along with a trophy and certificate. Principals and teachers will also receive trophies, certificates and cash prizes of ₹10,000 and ₹5,000, respectively. Documents:- Students are required to submit the following documents to the head office or branch office address of NICE Foundation: Student application form

Copy of Aadhaar card or school/college ID card SBI Collect payment receipt or Demand Draft (DD). Note: Documents should be submitted through Speed Post, Registered Post, courier, or by hand at NICE Foundation's head office or branch office address. The envelope must be marked as 'Application for National Scholarship Exam - 2024'.

## NTPC Limited Opens Recruitment for 250 Deputy Manager Posts in Engineering

-VidyaarthiMitra News Desk

NTPC Limited, a Government of India enterprise, has announced recruitment for 250 Deputy Manager positions, specifically for experienced professionals in the field of Project Erection and Construction. The available posts cover multiple disciplines, including Electrical, Mechanical, C&I Erection, and Civil Construction.

Post Details:

Position: Deputy Manager

Total Vacancies: 250

Electrical Erection: 45 posts,

Mechanical Erection: 95 posts

C&I Erection: 35 posts,

Civil Construction: 75 posts

Salary and Pay Scale:

Pay Scale: ₹ 70,000 – ₹ 2,00,000 (E4 grade)

Eligibility Criteria:

Candidates must hold a B.E. or

B.Tech degree in a relevant engineering discipline.

A minimum amount of post-qualification experience is required.

Selection Process:

The selection will be conducted through an examination or interview.

Key Dates:

Opening of Online Registration: 14th September 2024

Closing of Online Registration: 28th September 2024

How to Apply: Eligible candidates can apply online through the NTPC Careers Page from 14th September 2024. Applicants must provide their personal information, educational qualifications, and experience details. Relevant documents and certificates should also be uploaded during the application process. The last date for submission is 28th September 2024.

For further details, interested candidates should visit NTPC's official recruitment portal.

Track Maintainer / Points Man: ₹ 18,000/- per month (Level 1)

Station Master: ₹ 35,400/- per month (Level 6)

Goods Train Manager: ₹ 29,200/- per month (Level 5)

ESTM-III (S&T): ₹ 19,900/- per month (Level 2)

Commercial Supervisor: ₹ 35,400/- per month (Level 6)

Eligibility Criteria:

Senior Section Engineer (Electrical/Civil): Bachelor's degree in relevant engineering fields.

Technician-III (Electrical/Mechanical): Matriculation with ITI or Act Apprenticeship.

Assistant Loco Pilot: Matriculation with ITI, Act Apprenticeship, or a diploma in Mechanical, Electrical, Electronics, or Automobile Engineering.

Track Maintainer / Points Man: 10th pass.

Station Master / Goods Train Manager / Commercial Supervisor: Graduation in any discipline.

Selection Process:

Computer-Based Test (CBT)

Physical Efficiency Test (PET)

Document Verification

Medical Examination

Application Fee:

General/OBC: ₹ 885/- + gateway charges

SC/ST/Ex-Servicemen/Female/Minorities/

EBC/PwBD: No fee

Fees must be paid online via Internet banking, debit/credit cards, or UPI.

How to Apply: Interested candidates can submit their applications online via the official Konkan Railway website (konkanrailway.com) starting from 16th September 2024. Applicants must have a valid email ID and phone number throughout the recruitment process. Scanned copies of required documents, including photographs, signatures, and relevant certificates, should be uploaded during the application process.

The deadline for online applications is 6th October 2024, by 23:59 hours.

## RPSC Opens Applications for Assistant Engineer Recruitment 2024: 1,014 Vacancies Across Various Departments

-VidyaarthiMitra News Desk

The Rajasthan Public Service Commission (RPSC) has released Advertisement No. 10/2024-25, inviting applications for the Assistant Engineer (AE) Combined Competitive Examination 2024. Eligible engineering graduates can apply online for positions in the Public Health Engineering Department (PHED), Public Works Department (PWD), Water Resources Department (WRD), and Panchayati Raj Department.

Post Details and Vacancies:

Assistant Engineer (Civil) – PHED: 365 vacancies

Assistant Engineer (Civil/Agriculture) – Panchayati Raj Department: 240 vacancies

Assistant Engineer (Civil) – PWD: 125 vacancies

Assistant Engineer (Mechanical/Electrical) – PHED: 101 vacancies

Assistant Engineer (Electrical) – PWD: 20 vacancies

Assistant Engineer (Civil) – WRD: 156 vacancies

Assistant Engineer (Mechanical) – WRD: 7 vacancies

Salary:

Pay Scale: Level-14 with Grade Pay ₹ 5,400/-

Eligibility Criteria:

Age Limit: Candidates must be between 21 and 40 years as of 1st January 2025, with age relaxation applicable as per government norms.

Educational Qualifications:

Assistant Engineer (Civil) – PHED / PWD /

WRD: B.E. in Civil Engineering or an equivalent qualification recognized by the government.

Assistant Engineer

(Mechanical/Electrical) – PHED / WRD / PWD: B.E. in Mechanical or Electrical Engineering or equivalent.

Assistant Engineer (Civil/Agriculture) – Panchayati Raj Department: Degree in Civil or Agricultural Engineering from a recognized university or an equivalent qualification.

Selection Process:

Preliminary State Engineering Services (AE) Combined Competitive Examination 2024

Main Examination

Document Verification

Application Fees:

General and OBC: ₹ 600/-

SC and ST: ₹ 400/-

Payment is to be made online via credit/debit card, net banking, or UPI.

Important Dates:

Online Registration Start Date: 14th August 2024

Last Date for Online Registration: 12th September 2024 (until 12:00 PM)

How to Apply: Eligible candidates can apply through the Rajasthan Single Sign-On (SSO) portal at [sso.rajasthan.gov.in](https://sso.rajasthan.gov.in). Applicants must complete the One-Time Registration (OTR) process before submitting their applications. The last date for application submission is 12th September 2024.

For more details and to apply, candidates should visit the official RPSC website.

## Konkan Railway Announces Recruitment for 190 Various Posts Across Multiple Departments

-VidyaarthiMitra News Desk

Konkan Railway Corporation Limited (KRCL) has released Employment Notification No. CO/P-R/01/2024, inviting online applications for 190 vacancies across various positions, including Engineer, Technician, Maintainer, Points Man, Supervisor, and Assistant Loco Pilot. The recruitment drive covers the Electrical, Civil, Mechanical, Operating, Signal & Telecommunication, and Commercial departments. Eligible candidates can apply online from 16th September 2024 to 6th October 2024.

KRCL Recruitment 2024: Vacancy Details

Senior Section Engineer (Electrical): 5 posts

Technician-III (Electrical): 15 posts

Assistant Loco Pilot (Electrical): 15 posts

Senior Section Engineer (Civil): 5 posts

Track Maintainer (Civil): 35 posts

Technician-III (Mechanical): 20 posts

Station Master (Operating): 10 posts

Goods Train Manager (Operating): 5 posts

Points Man (Operating): 60 posts

ESTM-III (Signal & Telecommunication): 15 posts

Commercial Supervisor (Commercial): 5 posts

Age Limit: Candidates must be between 18 and 36 years of age. Age relaxation applies as per government rules.

Pay Scale:

Senior Section Engineer: ₹ 44,900/- per month (Level 7)

Technician-III: ₹ 19,900/- per month (Level 2)

Assistant Loco Pilot: ₹ 19,900/- per month (Level 2)

## MP Warehousing and Logistics Corporation Launches Special Recruitment Drive for PwD Candidates

-VidyaarthiMitra News Desk

The Madhya Pradesh Warehousing and Logistics Corporation, Bhopal, has announced a special recruitment drive for Persons with Disabilities (PwD), inviting applications for Sub Engineer, Assistant Quality Controller, Assistant Accountant, and various other positions. This recruitment is exclusively open to individuals with disabilities and not the general public. Eligible candidates must submit their applications in the prescribed format by September 10, 2024.

Available Positions and Vacancies:

Sub Engineer: 2 posts

Sub Engineer (on Contract): 1 post

Assistant Quality Controller: 5 posts

Assistant Quality Controller (on Contract): 2 posts

Assistant Accountant: 4 posts

Junior Assistant cum Data Entry Operator (DEO): 2 posts

Steno Typist: 1 post

Chowkidar cum Helper: 48 posts

Age Limit:

Candidates must be between 18 and 40 years old, with age relaxation as per Madhya Pradesh government rules.

Salary Structure:

Sub Engineer (Permanent/Contract): ₹ 32,800 - ₹ 1,03,600 (Level-08)

Assistant Quality Controller (Permanent/Contract): ₹ 25,300 - ₹ 80,500 (Level-06)

Assistant Accountant: ₹ 25,300 - ₹ 80,500 (Level-06)

Junior Assistant cum Data Entry Operator:

₹ 19,500 - ₹ 62,000 (Level-04)

Steno Typist: ₹ 19,500 - ₹ 62,000 (Level-04)

Chowkidar cum Helper: ₹ 15,500 - ₹ 49,000 (Level-01)

Eligibility Criteria:

Sub Engineer: Diploma in Civil Engineering.

Assistant Quality Controller: B.Sc. in relevant discipline.

Assistant Accountant: CA, BBA, M.Com, MBA, or ICWA (Finance).

Junior Assistant cum Data Entry Operator: Any degree with a computer certificate from NIELIT/NCVT/SCVT.

Steno Typist: 10th pass with a Steno Typist certificate from NIELIT/NCVT/SCVT.

Chowkidar cum Helper: Middle school pass (Matriculation).

Selection Process:

Test (if required)

Interview

How to Apply: Eligible candidates must submit their applications in the prescribed format, along with required documents, addressed to the Managing Director, Madhya Pradesh Warehousing and Logistics Corporation, Office Complex Block A, Gautam Nagar, Bhopal, PIN Code 462023. The deadline for receiving applications is September 10, 2024, by 6:00 PM (excluding holidays).

This special recruitment drive is a significant opportunity for qualified PwD candidates to join the Madhya Pradesh Warehousing and Logistics Corporation in key positions.

## AIESL Announces Multiple Job Vacancies for 2024: Opportunities for Freshers and Experienced Professionals

-VidyaarthiMitra News Desk

AI Engineering Services Limited (AIESL) has released multiple recruitment notifications for various positions. Both freshers and experienced candidates can apply for roles in engineering, finance, HR, and technical fields.

Key Openings:

Graduate Engineer Trainee, Officer Supervisor, and Regional Security Officer

Vacancies:

Officer Supervisor (Security): 73

Graduate Engineer Trainee: 25

Regional Security Officer: 3

Salary: ₹27,940 - ₹47,625 per month

Application Deadline: 24th September 2024

Senior Executive, Executive, and Officer in PPMM Department

Vacancies:

Senior Executive (MM): 4

Executive (MM): 11

Officer (MM): 25

Salary: ₹47,625 - ₹1,24,670 per month



Aircraft Technician and Trainee Aircraft Technician

Vacancies:

Aircraft Technician: 72

Trainee Aircraft Technician: 28

Salary: ₹15,000 - ₹27,940 per month

Application Deadline: 25th June 2024

Apply online via AIESL's Google Form. For more details, visit [aiesl.in](https://aiesl.in).

## NDA Mathematics Syllabus: Vector Algebra

### Applications in Geometry and Physics

Vectors are an essential mathematical tool used to represent quantities that have both magnitude (size) and direction. This unique property of vectors makes them invaluable in various fields, where it is important to understand not just how much of something exists, but also in which direction it acts. Let's delve deeper into the practical applications of vectors across different domains, particularly in physics, engineering, computer science, and more.

#### Applications in Physics

- **Physics** is one of the primary fields where vectors play a significant role in representing and analyzing physical quantities. Several important concepts in physics involve vectors to describe forces, movements, and fields:  
**Force and Motion:** In mechanics, vectors are used to represent forces acting on objects. For example, when multiple forces act on a single object, such as gravity pulling it downward and friction acting against its motion, vectors help in determining the net force and resulting acceleration. By using vector addition, engineers and physicists can predict the object's movement or whether it will remain stationary.
- **Velocity and Acceleration:** Both velocity (speed with direction) and acceleration (change in velocity) are vector quantities. In real-life scenarios like car driving, airplanes flying, or sports activities, it's important to know not only how fast something is moving but also in which direction. Vectors allow for accurate calculations and analysis of these movements.
- **Projectile Motion:** In projectile motion, like the path of a thrown ball, vectors represent the components of the object's velocity both horizontally and vertically. This allows physicists to predict how far the object will travel, how high it will go, and when it will land.
- **Electromagnetism:** Vectors are used to represent electric and magnetic fields in electromagnetism. For instance, the direction and strength of electric fields around charged particles are described by electric field vectors. Similarly, magnetic fields are described using magnetic field vectors, which help in understanding the behavior of charges in the presence of magnetic forces.

#### Applications in Geometry

##### 1. Representation of Points, Lines, and Planes

- **Points:** A point in space can be represented as a position vector from the origin. For instance, a point  $P(x, y, z)$  can be expressed as the vector  $\vec{OP} = \langle x, y, z \rangle$ , where  $O$  is the origin.
- **Lines:** The equation of a line can be described using vectors. For example, a line passing through a point  $A$  with a direction vector  $\vec{d}$  can be written as  $\vec{r} = \vec{A} + t\vec{d}$ , where  $t$  is a scalar.
- **Planes:** A plane in 3D can be represented using the normal vector. The equation of a plane with normal vector  $\vec{n}$  passing through a point  $A$  is  $\vec{n} \cdot (\vec{r} - \vec{A}) = 0$ , where  $\vec{r}$  is the position vector of any point on the plane.

##### 2. Calculating Distances

- **Distance Between Two Points:** The distance between two points  $P$  and  $Q$  in space can be calculated as the magnitude of the difference between their position vectors:  
 $\text{Distance} = |\vec{PQ}| = |\vec{Q} - \vec{P}|$
- **Distance from a Point to a Line:** The shortest distance from a point to a line can be found using vector projection.
- **Distance from a Point to a Plane:** The perpendicular distance from a point to a plane is calculated using the dot product between the point's position vector and the normal vector of the plane.

##### 3. Dot Product and Angles

- **Angle Between Two Vectors:** The dot product helps in determining the angle between two vectors. Given vectors  $\vec{a}$  and  $\vec{b}$ , the angle  $\theta$  between them is given by:  
 $\cos \theta = \frac{\vec{a} \cdot \vec{b}}{|\vec{a}| |\vec{b}|}$

This concept is essential in understanding angles between lines, planes, or surfaces in geometric spaces.

- **Perpendicularity:** Two vectors are perpendicular (orthogonal) if their dot product is zero, which is often used to check whether lines or planes are perpendicular.

##### 4. Cross Product and Area

- **Area of a Triangle:** The area of a triangle formed by two vectors  $\vec{a}$  and  $\vec{b}$  can be found using the magnitude of their cross product:  
 $\text{Area} = \frac{1}{2} |\vec{a} \times \vec{b}|$
- **Area of a Parallelogram:** The area of a parallelogram formed by two vectors is  $|\vec{a} \times \vec{b}|$ , where  $\vec{a}$  and  $\vec{b}$  are the adjacent sides.
- **Normal to a Plane:** The cross product of two vectors lying in the plane gives a vector normal (perpendicular) to the plane, helping in defining the orientation of surfaces.

##### 5. Vector Projections and Decomposition

Vectors can be projected onto other vectors or planes, helping in solving various geometric problems.

- **Projection of a Vector:** The projection of vector  $\vec{a}$  onto vector  $\vec{b}$  is given by:  
 $\text{Proj}_{\vec{b}} \vec{a} = \frac{\vec{a} \cdot \vec{b}}{|\vec{b}|^2} \vec{b}$

This is useful in breaking down complex geometric vectors into components that lie along specific directions.

##### 6. Centroid and Barycentric Coordinates

In triangle geometry, the centroid (center of mass) of a triangle is found by averaging the position vectors of the three vertices. The position vector of the centroid  $G$  of a triangle with vertices at  $A, B, C$  is:  
 $\vec{G} = \frac{\vec{A} + \vec{B} + \vec{C}}{3}$

Barycentric coordinates, which use vectors, help in determining the relative position of points within a triangle or a tetrahedron.

##### 7. Transformations and Rotations

- **Rotation:** Vectors are often used to describe rotations in space. The rotation of vectors in two dimensions can be performed using matrix multiplication involving trigonometric functions (rotation matrices).
- **Reflections:** Vector algebra simplifies the process of reflecting a point across a line or plane by utilizing geometric vectors and normal vectors.

## • PREPARATION TIPS

### NDA Preparation Tips 2024

The NDA (National Defence Academy) 2024 Exam Is A Highly Sought-After Test For Candidates Aspiring To Join The Indian Army, Navy, And Air Force. While Cracking The NDA Exam Is Challenging, Success Is Achievable With The Right Strategy And Focused Preparation. Candidates Should Create A Structured Study Plan For All Subjects And Follow Effective NDA Preparation Tips And Utilize Recommended Books To Achieve Good Results.

#### 1. Understand The NDA Syllabus And Exam Pattern

The First Step In NDA Exam Preparation Is To Thoroughly Analyze The Syllabus And Exam Pattern. This Will Help Candidates Understand The Exam Structure, Format, And The Types Of Questions That Are Typically Asked. Knowing The Syllabus In Detail Allows Candidates To Prioritize Key Topics And Better Plan Their Studies.

The NDA 2024 Exam Consists Of Two Sections: Mathematics And General Ability Test (GAT). Therefore, A Solid Understanding Of The Syllabus And Exam Format Is Essential Before Starting The Preparation.

#### 2. Master The Basic Concepts

One Of The Most Important NDA Preparation Tips Is To Build A Strong Foundation By Mastering The Basic Concepts Of All Subjects. Once The Fundamental Concepts Are Clear, Candidates Can More Easily Tackle Advanced Topics. It Is Advisable To Focus On A Limited Number Of High-Quality Books To Avoid Confusion And Ensure Clarity.

#### 3. Choose The Best NDA Books

Selecting The Right Study Materials Is Critical For Effective Preparation. Candidates Should Refer To The Best NDA Preparation Books And Study Materials Recommended By Experts And Past Toppers. These Resources Will Cover All Essential Topics And Improve The Chances Of Scoring Well In The Exam.

#### 4. Practice Mock Tests And Previous Year Papers

Solving NDA Previous Year Question Papers And Taking Mock Tests Is Essential For Understanding The Types Of Questions Asked And Gauging The Difficulty Level Of The Exam. Regular Practice Helps Candidates Identify Their Strengths And Weaknesses, Improves Time Management Skills, And Builds Exam Confidence.

#### 5. Stay Updated With Newspapers And Magazine

Reading Newspapers And Magazines Regularly Is Crucial For Staying Updated On Current Events And Global Happenings. Candidates Should Make Notes On Current Affairs And Review Them Regularly To Perform Well In This Section Of The Exam.

#### 6. Time Management

Effective Time Management Is A Key Component Of NDA Preparation. Candidates Should Allocate More Time To Topics With Higher Weightage And Take Regular Breaks To Stay Refreshed. Learning Time Management Techniques Will Also Help Candidates Complete The Exam Within The Given Timeframe.

#### 7. Revise Regularly

Regular Revision Is Vital For Retaining Important Concepts And Information. Candidates Should Prepare Concise Notes For All Key Topics And Review Them Frequently. These Notes Will Be Particularly Helpful For Quick Revision During The Final Stages Of Preparation.

#### NDA Preparation Tips For Mathematics

Mathematics Is Often Considered One Of The More Challenging Sections In The NDA Exam. Below Are Specific Tips For Preparing For The Mathematics Section:

- Start By Mastering The Basic Concepts And Then Move On To Advanced Topics.
- Learn Shortcuts, Theorems, And Formulas To Enhance Your Calculation Speed.
- Practice With NDA Maths Previous Year Question Papers And Sample Papers To Pinpoint Strengths And Areas Needing Improvement.

By Following These Comprehensive NDA Preparation Tips And Maintaining A Disciplined Study Routine, Candidates Can Increase Their Chances Of Success In The NDA 2024 Exam.

#### NDA Preparation Tips for General Ability Test

Subject	Subject-Wise NDA Preparation Strategy
NDA Preparation Tips for English	Read newspapers and English books to revise grammar and vocabulary rules. Practice mock papers for favourable results.
NDA Preparation Tips for Physics	Master fundamentals and complex physics topics and solve previous year's papers to understand the trending topics.
NDA Preparation Tips for Chemistry	Master fundamentals and theories of chemistry and use notes to revise formulas and other factors.
NDA Preparation Tips for History	Read the NCERT books to master the fundamentals and prepare short notes for last-minute revision.
NDA Preparation Tips for Geography	Clear the basic concepts from the latest syllabus and learn maps, diagrams, etc to maximise their scores.
NDA Preparation Tips for Current Events	Read newspapers and current affairs to stay informed about national and international events. Make short notes of the current events for quick revision.



## JNV-MAT(Mental Ability Test)

The test assesses students' cognitive skills, logical reasoning, and problem-solving abilities through objective-type questions. It includes sections like pattern recognition, analogy, classification, logical reasoning, and spatial orientation. JNV-MAT is designed to identify talented students from rural areas and provide them with quality education in a competitive environment, aiming to nurture their academic and personal growth.

### Part VI: Geometrical Figure Completion

#### Completion of Figures

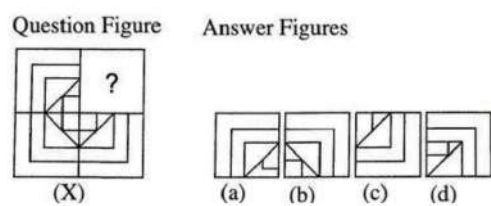
Figure reasoning is often overlooked in exam preparation, despite its importance. It involves skills like inference, visualization, and spatial understanding. In the "Completion of Figures" test, candidates are presented with incomplete drawings or figures that have missing parts.

This type of test assesses cognitive abilities such as attention to detail, observational skills, perception, and imagination. It covers key concepts like spatial awareness, orientation, visualization, and mental imagery.

In a non-verbal reasoning test focused on figure completion, candidates must use their powers of observation and analytical thinking to identify and fill in missing geometric shapes. This typically involves identifying gaps in incomplete drawings and connecting the shapes or lines in a logical manner.

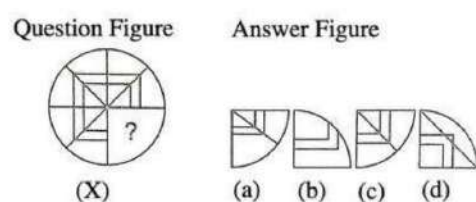
These geometric shapes form the basis for solving various types of reasoning problems, and success in this test depends on the candidate's ability to visualize and complete the figure correctly.

**Example -1** Identify the missing part of the given figure and select it from given answer figures.

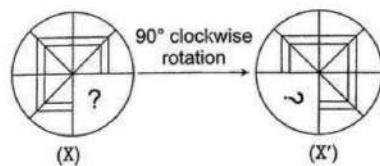


**Solution: (b)** Here, all the three equal parts have similar design, if rotated in clockwise direction. So, we can obtain the answer figure for the missing portion by rotating the question figure by  $90^\circ$  clockwise.

**Example -2** Identify the missing part of the given figure and select it from given answer figures.



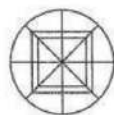
**Solution: (c)** Here, all the three equal parts have similar design, if rotated in clockwise direction. So, we can obtain the answer figure for the missing portion by rotating the question figure by  $90^\circ$  clockwise.



Now, by comparing figure (X) with (X'), we get

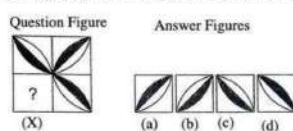


Now, it is quite clear that option (c) will fill the incomplete part of the question figure (X). After completion, the figure will be look like this.

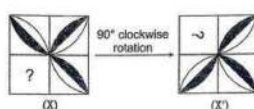


**Note:** - 1. In some of the questions, the correct option for the missing figure can be given in any rotated form, so candidate can rotate the figures to check the correctness of option.  
2. If answer figures contain similar figure but in rotated forms, then the correct answer figure is that figure which can be substituted at the missing part with least change in orientation.

**Example - 3** Which of the answer figures given will complete the pattern of the question figure?



**Solution: (b)** Here, all the three equal parts have similar design, if rotated in clockwise direction. So, we can obtain the answer figure for the missing portion by rotating the question figure (X) by  $90^\circ$  in clockwise direction.



Now, by comparing figure (X) with (X'), we get



Clearly, option figure (b) completes the original figure which looks like as shown in the below figure.



## JNV-AT(Arithmetic Test)

The Arithmetic Test (AT) in the Jawahar Navodaya Vidyalaya Selection Test (JNVST) assesses students' basic arithmetic skills, including their ability to understand and apply fundamental mathematical concepts. This section of the exam focuses on evaluating students' problem-solving abilities using arithmetic principles. It covers topics such as addition, subtraction, multiplication, division, fractions, and word problems. The test aims to measure the candidates' foundational understanding and their capacity to tackle practical arithmetic problems, ensuring they have the necessary skills for higher education.

### Operations on Fractions

Fractions represent parts of a whole, and performing operations on fractions involves basic arithmetic functions like addition, subtraction, multiplication, and division. Here's a breakdown of how to handle these operations:

#### 1. Addition of Fractions

- To add fractions, they must have a common denominator (the bottom number of the fraction).
- If the denominators are different, find the least common denominator (LCD) and adjust the fractions accordingly.
- Once they share a common denominator, add the numerators (the top numbers) while keeping the denominator the same.

#### 2. Subtraction of Fractions

- Like addition, fractions must share the same denominator before subtracting.
- If the denominators are different, convert them to the least common denominator.
- Subtract the numerators while keeping the denominator the same.

**Example 1:** Find  $\frac{1}{8} + \frac{3}{5}$ .

**Solution:**

Let's use equivalent fractions to rewrite the fractions with a common denominator.

8 is not a multiple of 5, so let us rewrite each fraction with a denominator which is LCM of 8 and 5 which can be found as :

$$8 \times 5 = 40$$

$$\begin{aligned} \frac{1}{8} + \frac{3}{5} &= \frac{5}{40} + \frac{24}{40} && \text{Rewrite } \frac{1}{8} \text{ as } \frac{1 \times 5}{8 \times 5} = \frac{5}{40} \text{ and } \frac{3}{5} \text{ as } \frac{3 \times 8}{5 \times 8} = \frac{24}{40} \\ &= \frac{5+24}{40} && \text{Solve } 5 + 24 \\ &= \frac{29}{40} \end{aligned}$$

**Example 2:** Find  $\frac{6}{7} - \frac{3}{4}$ .

**Solution:**

Let's use equivalent fractions to rewrite the fractions with a common denominator.

7 is not a multiple of 4, so let us rewrite each fraction with a denominator which is LCM of 7 and 4 which can be found as :

$$7 \times 4 = 28$$

$$\begin{aligned} \frac{6}{7} - \frac{3}{4} &= \frac{24}{28} - \frac{21}{28} && \text{Rewrite } \frac{6}{7} \text{ as } \frac{6 \times 4}{7 \times 4} = \frac{24}{28} \text{ and } \frac{3}{4} \text{ as } \frac{3 \times 7}{4 \times 7} = \frac{21}{28} \\ &= \frac{24-21}{28} && \text{Solve } 24 - 21 \\ &= \frac{3}{28} \end{aligned}$$

#### 3. Multiplication of Fractions

- Multiplication is straightforward: multiply the numerators together and multiply the denominators together.
- Simplify the fraction if possible.

#### 4. Division of Fractions

- To divide fractions, multiply the first fraction by the reciprocal of the second fraction (flip the numerator and denominator of the second fraction).
- Simplify the resulting fraction if necessary.

Find:  $\frac{1}{7} \times \frac{3}{4}$

**Solution :**

$$\begin{aligned} \frac{1}{7} \times \frac{3}{4} &= \frac{1 \times 3}{7 \times 4} && \text{Multiply the numerator to the numerator and denominator to the denominator.} \\ &= \frac{3}{28} \end{aligned}$$

When we divide a fraction by another, we need to multiply the dividend with the reciprocal of the divisor. We can observe the method of writing the reciprocal with this explanation.

Reciprocal of  $\frac{a}{b}$  is  $\frac{b}{a}$

For example:

Reciprocal of  $\frac{3}{7}$  is  $\frac{7}{3}$  and Reciprocal of  $\frac{9}{13}$  is  $\frac{13}{9}$

If we notice closely the product of the fraction and its reciprocal is 1.

For example :

$$\frac{3}{7} \times \frac{7}{3} = 1 \text{ and } \frac{9}{13} \times \frac{13}{9} = 1.$$

Note: Reciprocals are also called multiplicative inverses.

Now, let us see how reciprocals are used to perform division of fractions. Here are some examples.

Understanding and mastering operations on fractions is essential for solving a wide range of mathematical problems. Whether it's adding, subtracting, multiplying, or dividing fractions, the key is to follow systematic steps for each operation, such as finding common denominators or using reciprocal values.

**Bharati Vidyapeeth**  
(Deemed to be University), Pune (India)  
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Accredited (3rd cycle) with "A" Grade by NAAC  
Category 1 University Status by UGC, NIRF RANKING 91  
Bharati Vidyapeeth Bhavan, Lal Bahadur Shastri Marg, Pune-411 030

**REQUIRED**

Online applications are invited from the qualified candidates for the following posts to be filled in Bharati Vidyapeeth (Deemed to be University) Poona College of Pharmacy (Non Aided), Pune - 38 which is ranked 29th amongst Pharmacy Institutes across India by NIRF 2023.

Name of the Department	Professor	Associate Professor	Assistant Professor
Pharmaceutics	-	3	1
Pharmaceutical Chemistry	-	1	1
Pharmacy Practice	1	1	3
Pharmaceutical Quality Assurance	-	1	1
Pharmacology	1	1	1
Pharmacognosy	-	-	2

For detailed information about qualifications and experience, please visit Website : [bvp.bharativedyapeeth.edu/index.php/careers](http://bvp.bharativedyapeeth.edu/index.php/careers)  
The last date for receiving online applications will be fifteen days from the date of publishing the advertisement.  
Please send a hard copy of the downloaded online application form duly filled in and attested xerox copies of all certificates to, The Secretary, Bharati Vidyapeeth Bhavan, 4th floor, Bharati Vidyapeeth Central Office, L.B.S. Marg, Pune - 411 030 by post or courier only.  
SECRETARY  
Bharati Vidyapeeth

GOVT. OF BIHAR  
BIHAR COMBINED ENTRANCE COMPETITIVE EXAMINATION BOARD  
I.A.S. Association Building, Near Patna Airport, Patna-14.

**UNDER GRADUATE MEDICAL ADMISSION COUNSELLING (UGMAC)-2024** for MBBS/ BDS/ B.V.Sc. & A.H. in Govt. Medical/ Dental/ Veterinary Colleges and Private Medical/ Dental Colleges of Bihar

Adv. No.- BCECEB(UGMAC)-2024/06 Dated 31.08.2024 [bceceboard.bihar.gov.in](http://bceceboard.bihar.gov.in)

**1st Round Counselling से Free Exit एवं 2nd round Counselling से सम्बन्धित आवश्यक सूचना**

विज्ञान संख्या- BCECEB(UGMAC)-2024/03 दिनांक 21.08.2024 के क्रम में UGMAC-2024 से सम्बन्धित सभी अभ्यर्थियों/ संस्थानों/ सर्व सफराल को सूचित किया जाता है कि UGMAC-2024 की Round-1 Counselling उपरोक्त Free Exit एवं Round-2 Online Counselling से सम्बन्धित विवरणों/ प्रक्रिया/ कार्यक्रम विज्ञापन संख्या-BCECEB(UGMAC)-2024/05 दिनांक 31.08.2024 पर वेबसाइट : [bceceboard.bihar.gov.in](http://bceceboard.bihar.gov.in) पर उपलब्ध करा दिया गया है।  
2. पूर्व प्रकाशित विज्ञापन संख्या-BCECEB(UGMAC)-2024/03 दिनांक 21.08.2024 की अन्य शर्तों/ नियम यथावत रहेंगे।  
परीक्षा नियंत्रक

**HOMI BHABHA CENTRE FOR SCIENCE EDUCATION**  
**Tata Institute of Fundamental Research**  
**National Olympiad Programme 2024 - 2025**  
in Astronomy, Biology, Chemistry, Physics, Junior Science

All students wishing to participate in the programmes must appear in corresponding **National Standard Examinations (NSEs) on November 23 and 24, 2024**, conducted by the **Indian Association of Physics Teachers (IAPT)**.  
Qualification in NSEs is the first step towards participation in the corresponding **International Olympiads of 2025**.  
To Enroll :  
**NSEs : <https://www.iapt.org.in> (Aug 21-Sept 14, 2024)**  
For more details :  
<https://www.olympiads.hbce.tifr.res.in/>  
<https://www.iapt.org.in>

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A course specially tailored for creating trained manpower for **Microchip making** to meet demands of **Semiconductor Industry**

**पावरग्रिड POWERGRID**

**ADDENDUM**  
Ref: Advt. No. CC/05/2024 published on 07.08.2024

**Recruitment for the post of JUNIOR ENGINEER (SURVEY ENGINEERING) / SURVEYOR / DRAUGHTSMAN**

- The last date of receipt of online application is hereby extended from 29<sup>th</sup> August 2024 to 08<sup>th</sup> September 2024.

All other eligibility criteria/ terms and conditions as notified vide Advertisement No. CC/05/2024 dtd. 07.08.2024 shall remain unaltered.

**POWER GRID CORPORATION OF INDIA LIMITED**  
(A Government of India Enterprise)  
Regd Office: B-9, Qutub Institutional Area, Katwaria Sarai, New Delhi-110016.  
Corp. Office: "Saudamini", Plot No. 2, Sector-29, Gurugram-122001, (Haryana)  
[www.powergrid.in](http://www.powergrid.in), CIN: L40101DL1989GOI038121

A Maharatna PSU

**VIVEKANANDA INSTITUTE OF PROFESSIONAL STUDIES TECHNICAL CAMPUS** [ACCREDITED] **A++** by NAAC

Affiliated to GGSIP University, Delhi; Approved by AICTE  
An ISO 9001:2015 Certified Institution

**IDBI BANK**  
CIN: L65190MH2004GOI148838

Regd. Office: IDBI Tower, WTC Complex, Cuffe Parade, Mumbai 400 005 - Tel. 66553404

**IDBI Bank Ltd. Advertisement No.7 / 2024-25**

**Recruitment of Specialist Officers (2024-25)**

IDBI Bank Ltd. invites online applications for the position(s) of Assistant General Manager - Grade 'C' and Manager - Grade 'B' as per below mentioned details:

Sr. No.	Functional Area	Grade		
		C	B	Total
1	Corporate Credit/ Retail Banking (including Retail Credit)	25	31	56
Total		25	31	56

For eligibility criteria (age, work experience, job profile etc.), requisite fees and other details, please visit the 'Careers' section of the Bank's website [www.idbibank.in](http://www.idbibank.in).  
Online registration starts from September 01, 2024 till September 15, 2024.

**NOTE: IDBI Bank reserves the right to accept or reject any/all application(s) without assigning any reason(s) whatsoever. Any addendum/modifications with regards to the selection process shall only be published on the Bank's website (career section) [www.idbibank.in](http://www.idbibank.in) and not through any other media. Candidates are requested to regularly visit the website as above, for update in the matter.**

Place - Mumbai  
General Manager- HR

**SCHOOL OF ENGINEERING & TECHNOLOGY**

OTHER PROGRAMMES OFFERED **B.TECH**

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New Programmes to be introduced from 2024-2025  
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CSE (CYBER SECURITY)

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Close to Hialekpur Badli Metro Station (0.5 Km) and Pitampura Metro Station (1 Km)  
Website: [www.vips.edu](http://www.vips.edu) | <https://engineering.vips.edu>  
Phone: +91 (11) 27343401/02/03 | E-mail: [vipsedu@vips.edu](mailto:vipsedu@vips.edu)

**Required Regional Manager - Marketing**

Eligibility : Any Graduate having own vehicle, excellent communication and presentation skill.

Job Profile : Candidate is required to travel to various Pharmaceutical companies, State & Central Government institutions, Testing labs and R&D based Companies in Karnataka.

Salary: 30k to 45k (Negotiable) Experience: 1- 5 yrs

Interested candidates can email applications to [walkin07011978@gmail.com](mailto:walkin07011978@gmail.com)  
Contact: +91 89256 07302

**SARDAR PATEL UNIVERSITY OF POLICE**  
SECURITY & CRIMINAL JUSTICE, JODHPUR (Rajasthan)  
[Established by Govt. of Rajasthan]

**ADMISSIONS OPEN 2024-25**

- B.A (Hons./Research)
- B.A in Security Management (Hons./Research)
- Diploma & Certificate Courses
- M.A. in International Relations & Security Studies
- M.Tech. in Cyber Security (AICTE Approved)
- M.A. / M.Sc. in Criminology
- Master of Social Work (UNICEF sponsored)
- LL.M. in Criminal Law Ph.D. in various Departments

Last Date: 20<sup>th</sup> August, 2024  
Application and details available on University website [www.policeuniversity.ac.in](http://www.policeuniversity.ac.in)  
- Registrar

**SHREE JAIN VIDYALAYA KOLKATA**

Applications are invited for the post of Asst. Teacher of the following subjects (Part / Full Time).  
PGT with 5 yrs. Teaching experience :

- Subjects : Hindi, Geography, History, Commerce & Physics.
- Librarian (B.Lib, M.Lib)

Please send your updated Resume along with recent Passport size Photographs within 7 days to : [principalkol@gmail.com](mailto:principalkol@gmail.com)

**CAMBRIDGE INTERNATIONAL SCHOOL OF INNOVATION**

Applications are invited from trained and experienced candidates with good academic record, excellent communication skills and proficiency in co-curricular activities for the following posts to fulfill the requirement of NEP 2020.

Regional Director : Eligibility: A good academic record, with a Ph.D. Degree in the concerned/related discipline.  
A Master's degree with at least 55% marks (or an equivalent grade in a point-scale, wherever the grading system is followed). A minimum of 12 years of experience of teaching and/or research in an academic.

Principal : Soft Skillset: Goal Oriented, Experienced Academician with necessary qualification and 15 years plus Administrative experience as per CBSE guidelines.  
Vice Principal: 15 years experience in similar capacity.  
P.T : English, History, Political Science, Economics, Accountancy (For Physics, Maths and Chemistry candidates from IITs will be preferred).  
Lab Instructors : B.Sc. / M.Sc. in Computer Science / Phy / Chem / Bio of at least 3 years of experience in reputed school.  
Legal Associate : LL.M. with first class and 5 years of experience.  
Assistant : Bachelor's degree in commerce and 5 years experience in accounting.

Interested CV on e-mail to [chairman@cambridgeinternationalinnovation.com](mailto:chairman@cambridgeinternationalinnovation.com)

**GANGA INSTITUTE OF TECHNOLOGY AND MANAGEMENT**  
Bahadurgarh- Jhajar Road, Kalkana, Jhajar (Hr.) Delhi-NCR  
Approved by AICTE, New Delhi and Recognized U-20 of UGC Act, 1956  
Affiliated to Mahatma Dayanand University - Rohtak

**AUTONOMOUS STATUS FROM UGC**

Applications are invited for Admission under Tailor Made Waiver Quota, Economical Waiver Quota & Left over Seats for the Session 2024-25 in

**Courses** : Mechanical (I, II), Electrical (I, II), CSE (Data Science) & Tech (I, II), (LEET)  
CSE (AI & ML) | CSE (I) | Bio Technology and Safety

Apply on the prospectus form available at the Institute Counter/Website  
Last date of receipt of Applications: 09/09/2024

Counselling Schedule: First Round: 13/09/2024 | Second Round: 14/09/2024  
On the spot (for Left over Seats): 15/09/2024

Notes: Admission against TQM/ EWS seats will be taken as per sanctioned intake by DCTE  
Course Commencement: 01/10/2024  
Website: [www.gangainstitute.com](http://www.gangainstitute.com) | Contact: 9694008951/ 802 / 803 / 988 / 9824232840

**WE ARE HIRING!**  
Hospitality Company Based in Navi Mumbai.  
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- Senior Operations Manager (Hospitality)

Key Responsibilities :  
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• Coordinate with General Managers and management companies on behalf of owning board to ensure seamless operations.

Qualifications :  
• Minimum 3 to 5 years of experience with domestic and international hotel brands.  
• Strong leadership and communication skills.

Join us in shaping the future of hospitality. Apply today!  
Send your CV to: [admin@sairama.in](mailto:admin@sairama.in)  
Contact : 88881 23565

**WALK-IN INTERVIEW**

Walk in Interview for recruitment of contractual Specialist Part time and SR for One year is scheduled to be held on 28.08.2024 and EVERY WEDNESDAY thereafter till fulfillment of all vacancies at the ESIC Hospital, Near Police Line, Rudrapur, U.S. Nagar, Uttarakhand.

**PART TIME SPECIALISTS:** Anaesthesia, Dermatology & STD, ENT, General Medicine, Pathology, Radiology - one post for each department.  
**SENIOR RESIDENT (ON 1 YEAR CONTRACT) :** Casualty - 3, Gynaec & OBS - 2, Orthopedics - 1, Pediatrics - 1, General Medicine - 1, General Surgery - 1, Anesthesia - 2, Other Department - 1.

**QUALIFICATION:**  
1. For **PART TIME SPECIALISTS:** PG Degree or equivalent in concerned specialty from Recognized University With 3 (three) years' experience after acquiring PG Degree OR minimum of 5 (Five) years' experience in the concerned specialty after acquiring PG Diploma.  
2. For **SENIOR RESIDENT:** PG Degree or PG Diploma holders in concerned specialty and registered with Medical Council. In the absence of PG qualified doctors, MBBS graduates who possess at least 2 years working experience out of which 1 year of experience in the concerned specialty from government hospital/private hospital (not a private clinic) will be considered for selection.

**REMUNERATION:**  
1. For **PART TIME SPECIALISTS:** Rs. 60,000 (Sixty thousand) + Rs. 15,000 (for visiting charge in case of emergency call), additional remuneration Rs. 800 for every additional hour beyond 16 Hrs/week.  
2. For **SENIOR RESIDENT:** Rs. 1,14,955/- (One lakh Fourteen thousand Nine hundred Fifty Five) fixed per month for candidate having PG/Diploma. In addition to the pay, they will be entitled for transport allowance with DA on transport allowance as per rule. An amount of Rs. 13500/- will be deducted for S.R.s possess only Diploma and Rs.2250/- will be deducted if the S.R.s does not possess Diploma/Degree.

Note: For vacancies, reservation, other details and corrigendum if any, please visit frequently on website [www.esic.gov.in/recruitment](http://www.esic.gov.in/recruitment)

**MEDICAL SUPERINTENDENT**

**BIRLA INSTITUTE OF TECHNOLOGY**  
(DEEMED TO BE UNIVERSITY U/3 OF UGC ACT, 1956)  
NAAC Accredited: 'A' Grade  
Mehra, Ranchi (NOIDA CAMPUS)  
A-7, Sector-3, Noida (Near Sector 15 Metro)

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**MBA MCA BBA BCA**  
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UNIQUE FEATURES

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admission - 9971976336 | MBA/ BBA - 9315368082, 9971020565 | A / BCA - 9971120054, 9910032208 | BAM - 9871090589, 9350555195

A well-known & reputed Ahmedabad based **Urban Co-operative Bank Requires GENERAL MANAGER (GM)**

- Qualification : Post Graduation in any discipline from a recognized University, Graduate with CAIIB or Chartered Accountant or MBA (Finance)
- Experience : At least 12 Years of Banking experience of which minimum 5 Years at senior level management. Exposure in Credit Department, Banking Operations, Auditing and Awareness of RBI Guidelines/Directives are essential.
- Preferable Skills: The candidate must be having outstanding communications, presentation and leadership skills, well versed with latest technology, strategic planning.
- Age Limit : Not more than 55 Years

Kindly apply with your detailed CV and all documents related to qualification, past experience, copy of latest salary drawn and salary expected.  
email : [recruit.cooperativebank1972@gmail.com](mailto:recruit.cooperativebank1972@gmail.com)  
Last date of submission is 22 August, 2024

## PRINCIPAL'S DESK

### Your Platform for Educational Insights and Opportunities

Welcome to the Principal's Desk, a dedicated space in [epaper.VidyarthiMitra.org](http://epaper.VidyarthiMitra.org) where educators, academic leaders, and administrators have the opportunity to share valuable insights, announcements, and opportunities with our esteemed readership. As a trusted platform committed to fostering collaboration and sharing knowledge within the educational community, we invite principals from colleges, universities, and educational institutions to contribute articles, announcements, and updates that are of relevance to students, parents, and fellow educators.

Are you a principal looking to showcase the unique offerings and achievements of your institution?

Then [epaper.VidyarthiMitra.org](http://epaper.VidyarthiMitra.org) is the right place for you to publish articles, opinion pieces and announcements that resonate with our audience and contribute to the ongoing dialogue on education.

Whether you are seeking to reaching prospective students, announce new courses or programs, or highlight the achievements of your faculty and students, the Principal's Desk provides a platform to showcase the strengths and offerings of your college or university. Share information about admission procedures, scholarship opportunities, campus events, and more to engage with our readers and promote your institution.

Do you have job openings, faculty vacancies, or internship opportunities available at your institution?

Then the perfect avenue to reach out to our diverse readership and connect with talented individuals seeking career opportunities in the field of education. Share details about job openings, eligibility criteria, application procedures, and deadlines to attract ideal and qualified candidates to your institution.

Submitting your article or announcement to the Principal's Desk is simple. Just send your content along with relevant images or graphics to our editorial team at [info@vidyarthimitra.org](mailto:info@vidyarthimitra.org) and we'll review it for publication in our next edition. Please ensure that your submission adheres to our editorial guidelines and is free from factual, grammatical errors and plagiarism.

If any college or institution wishes to conduct educational fair or career guidance seminars feel free to contact us. Join us at the Principal's Desk and be a part of the conversation that shapes the future of learning and academic excellence. We look forward to hearing from you and sharing your valuable insights with our readership.

Sincerely,  
Mr. Ravindra Kamtam  
Editor-in-Chief  
[epaper.VidyarthiMitra.org](http://epaper.VidyarthiMitra.org)

## Riddles

I house minds eager to grow and expand,  
With lectures and lessons, all carefully  
planned. You'll find desks and boards, and  
sometimes a lab,  
What am I, where students and teachers nab?  
Answer: A Classroom

Full of stories, facts, and lore,  
I contain tales that many adore.  
With me, you can travel far and wide,  
What am I, a gateway to worlds inside?  
Answer: A Book

A place where questions seek to find,  
Answers clear or of a tricky kind.  
Projects, essays, and experiments galore,  
What am I, that challenges you to explore?  
Answer: A Research Project

I speak to many, from a platform high,  
With chalk in hand or screen nearby.  
I share my wisdom, hoping to inspire,  
Who am I, the knowledge supplier?  
Answer: A Professor

Many come to me from near and far,  
To study science, arts, or law.  
Degrees I grant, from bachelors to PhDs,  
What am I, where knowledge and careers  
increase?  
Answer: A College

A day of joy and a day of pride,  
Where achievements are celebrated far and wide.  
Gowns and caps, the end of a journey long,  
What is this event where we sing our swan song?  
Answer: Commencement

I come at the end of lessons and drills,  
Testing your memory, knowledge, and skills.  
Written on paper or on a screen,  
What am I, often making students keen?  
Answer: A Test

I contain the tools to experiment and find,  
Solutions and answers of a scientific kind.  
Goggled eyes and careful hands,  
Where am I, a place for planned demands?  
Answer: A Science Lab

## STUDENT CORNER

### Your Voice Matters!

Dear Students,

Welcome to the Student Corner of [epaper.VidyarthiMitra.org](http://epaper.VidyarthiMitra.org), where your queries, doubts, and voices find a platform to be heard and addressed. We understand that navigating the educational landscape can sometimes be daunting, but worry not, for we are here to assist you every step of the way.

If you find yourself grappling with questions about college admissions, entrance exams, reservations, government documents, syllabus for entrance exams, or anything related to education both in India and abroad, this is the space for you. Feel free to ask your queries here, and our team of experts will endeavor to provide you with accurate and insightful answers.

Moreover, we value your thoughts, views, and opinions on the education system. Whether you have suggestions for improvement, insights to share, or experiences to narrate, we encourage you to express yourself here in a professional and articulate manner.

Your participation matters! The most frequently asked questions will be featured in the upcoming edition of our newspaper, with acknowledgment and credits will be granted to the students who posed them. This way, not only do you get your queries resolved, but you also contribute to enriching the knowledge of your fellow students.

Submitting your work to the Student Corner is easy. Simply send your doubts and queries to our editorial team at [info@vidyarthimitra.org](mailto:info@vidyarthimitra.org), and we'll review them for publication in our next edition.

Engage with your fellow students and readers by participating in discussions, sharing feedback. The Student Corner is more than just a platform—it's a community where students come together to connect, collaborate and learn at the same time. Remember, your education journey is unique, and we are here to support you every step of the way. So, don't hesitate to reach out, engage, and make your voice heard.

Best Regards,  
Mr. Ravindra Kamtam  
Editor-in-Chief  
[epaper.VidyarthiMitra.org](http://epaper.VidyarthiMitra.org)

## EDITORIAL

### Introducing [Epaper.VidyarthiMitra.org](http://Epaper.VidyarthiMitra.org): Empowering Students Through Knowledge

[Epaper.VidyarthiMitra.org](http://Epaper.VidyarthiMitra.org) is a beacon of knowledge, guidance, and empowerment for students. It's a Pune-based education consultancy committed to democratizing education access and empowering every student to reach their full potential. Offering comprehensive resources for students, parents, educators, and stakeholders, it bridges the gap between aspirations and achievements.

With years of dedication and expertise in higher and professional education, [VidyarthiMitra.org](http://VidyarthiMitra.org) has evolved into a platform offering mock exams, career assessments, and admission guidance. The [epaper](http://epaper) takes this commitment further by providing accessible, informative, and inspiring content. From current affairs to entrance exam updates, admission guidance to scholarship opportunities, and career advice to student success stories, [Epaper.VidyarthiMitra.org](http://Epaper.VidyarthiMitra.org) is a treasure trove of knowledge and inspiration, ensuring a future filled with growth and opportunity for all.

Mr. Ravindra Kamtam  
Editor-in-Chief  
[epaper.VidyarthiMitra.org](http://epaper.VidyarthiMitra.org)



## Empowering Educational Opportunities with [VidyarthiMitra.org](http://VidyarthiMitra.org): Your Comprehensive Educational Companion

In the dynamic landscape of education, [VidyarthiMitra.org](http://VidyarthiMitra.org) stands as a guiding light, offering a holistic array of services meticulously crafted to cater to the diverse needs of aspiring learners. Our platform boasts an extensive database of **top universities, colleges, and courses of Maharashtra, India and Abroad**. By providing detailed insights into each institution to facilitate well-informed decision-making. We streamline the **admission process** with step-by-step **guidance** and a comprehensive **government document checklist**, ensuring clarity and organization throughout. Stay ahead with our up-to-date information repository on **entrance exams**, coupled with **mock tests** and **detailed syllabus** to bolster your preparation. Dive into our rich repository of **study materials**, including **mock tests, solved papers**, and comprehensive study

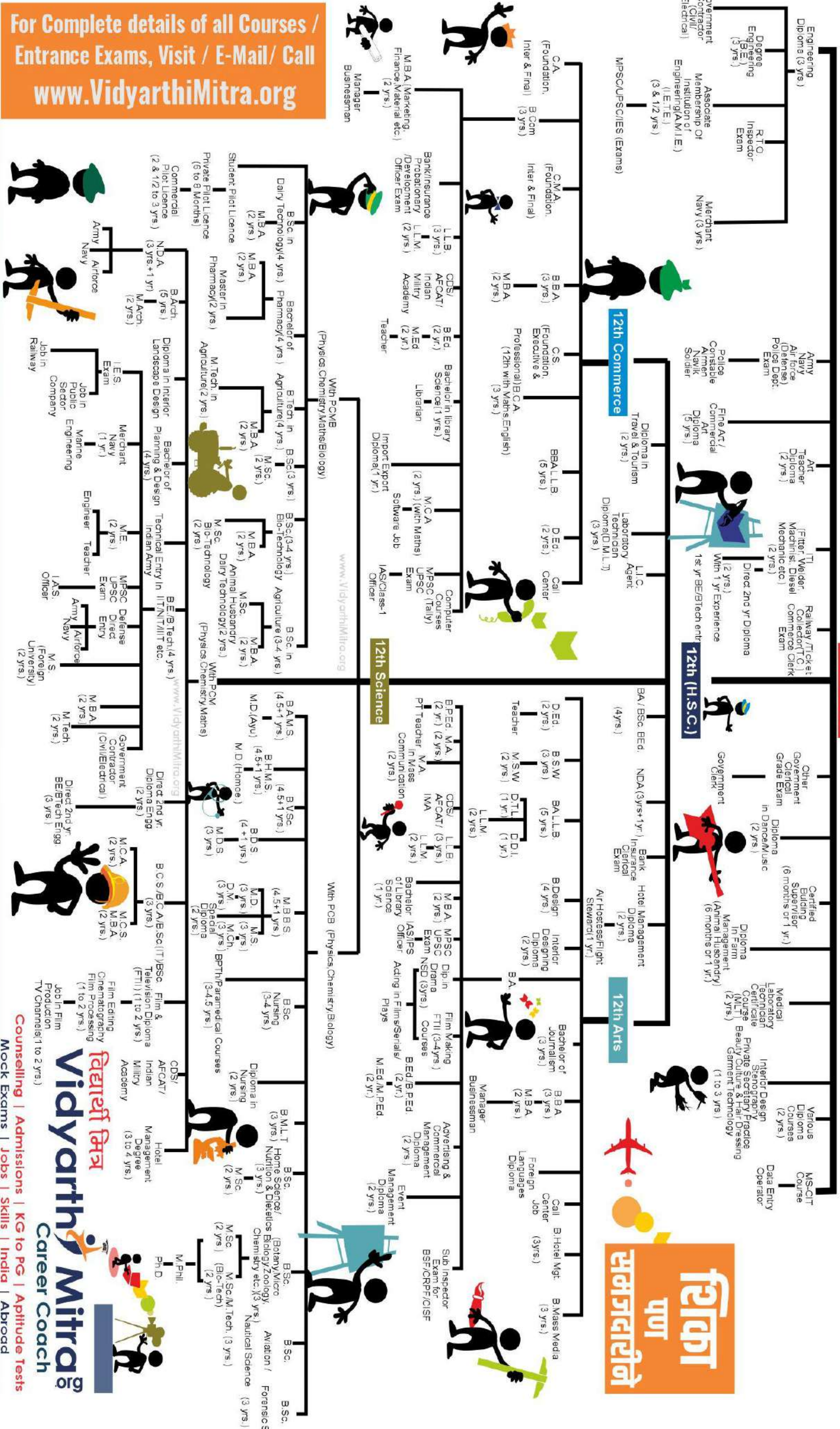
material, designed to enhance your exam readiness. Gain valuable insights into cutoff trends and fee structures, empowering strategic college selection and financial preparedness. Our personalized **career guidance** services offer tailored support, including **career assessment tests** and **admission assistance**, while our study abroad services facilitate seamless transitions into international education. Stay informed with our empowering educational **news portal** and **epaper**, covering **current affairs, entrance exam updates, admission, and scholarship opportunities**. In essence, [VidyarthiMitra.org](http://VidyarthiMitra.org) transcends being just a platform; it's a transformative educational ecosystem dedicated to empowering learners and shaping futures, inviting you to embark on a journey towards academic excellence and success.

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CAREER PATH FINDER (as per New Education Policy)

10th (S.S.C.)



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