

# PANDIT DEENDAYAL ENERGY UNIVERSITY

NAAC Accredited with 'A<sup>++</sup>' grade with CGPA of 3.52 out of 4.00



**Three Year B.Sc./ 4 year B.Sc. (Hons.)/ Five Year Integrated M. Sc.**

**(Physics/Chemistry/Data Science) Programme**

**Admission Rules 2024-25**

**Department of Physics / Chemistry / Mathematics**

Knowledge Corridor, Raisen, Gandhinagar – 382 426

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**PANDIT DEENDAYAL ENERGY UNIVERSITY  
SCHOOL OF ENERGY TECHNOLOGY  
SCHOOL OF TECHNOLOGY**

**ADMISSION RULES AND PROCEDURE FOR THE 2024 INTAKE OF:-**

Five Year Integrated M.Sc. Programme

- (1) 3 year B.Sc. (Physics)/ 4 year B.Sc. (Hons.) (Physics)/ Five year integrated M.Sc. (Physics)
- (2) 3 year B.Sc. (Chemistry)/ 4 year B.Sc. (Hons.) (Chemistry)/ Five year integrated M.Sc. (Chemistry)
- (3) 3 year B.Sc. (Data Science)/ 4 year B.Sc. (Hons.) (Data Science)/ Five year integrated M.Sc. (Data Science)

*The Admission Process for five year integrated M.Sc. Programme will be conducted under the direction of the Admission Committee headed by the Coordinator.*

**PROCEDURE, TERMS AND CONDITIONS: -**

**1) The total intake across the program is 90 seats.** Each Programme of Physics/Chemistry and Data Science will have 30 seats. Intake is subject to change at the discretion of the university.

**2) Reservation:**

2a) Statutory Reservation: For applicants from the Indian States & UT's:

- i) Scheduled Tribe (ST)            7.5%
- ii) Scheduled Caste (SC)        15 %

Applicants are required to produce SC/ST certificates from relevant authorities along with authorized translations (Hindi or English).

2b) Physically challenged will be provided with 3% reservation in each category.

- i) Definition: Physically challenged means a person suffering from forty or more forty percentage of disabilities as certified by a competent medical authority. Applicants with less than 40% disability are not eligible for reservation.
- ii) A student will be able to claim benefits under the Physically Challenged category only once during admission and will have to fulfil all academic requirements as per curriculum after joining.
- iii) Applicants are required to produce a Physically Challenged certificate with authorized translation (Hindi or English). Acceptance of the same is subject to verification of the disability in person by the Medical Officer of the University.

2c) Girls Quota: 50% of seats shall be earmarked for girls. Seats not filled under the girl's quota will be opened for other students (all genders and open categories) as per lateral positions on the merit list.

2d) Seats not filled in under any reserved category will be allotted to the general category. All testimonials will be verified by the University.

### 3) School of Energy Technology/School of Technology

School of Energy Technology/School of Technology intends to focus on technological education, research and service that anticipates, and meets the need of tomorrow's world. It is expected that science graduates from Schools will take care of issues that science and technology can make a difference in whether these issues are related to health, security, economic well-being or sustainability of the world and values.

The Schools are to provide national and international Undergraduate, Postgraduate and Doctoral education. The graduate students from the School will strive to identify research that addresses the big challenges in the world. The School will adopt a discovery to educational philosophy using basic research and the discovery as the foundation and then translate this research into a useful application to benefit society as a whole.

The Schools at this juncture will not only expand the activities of the University but will also rationalize the infrastructure usage as well as provide an opportunity to the larger mass of faculty to pursue research and innovation in various spheres of Science and Technology.

#### Five Year Integrated M.Sc. Programme

The Programme aims at providing diverse growth of knowledge with an opportunity for students to have access to all curricular areas with mobility to other universities in India as well as abroad. The curriculum is based on a new education policy (NEP -2020), in response to the needs of the global community at large. During the first year of the four-year undergraduate Programme, students will get exposure to foundational courses. The remaining two/three years focus on Physics / Chemistry / Data Science as major, respectively. At the end of third year student will be given an option of exit and join regular M.Sc. program for integrated M.Sc. program or else student can continue with fourth year to pursue B.Sc. (Hons.) Programme.

### 4) Eligibility and Selection Process

Unless otherwise mentioned, all deadlines provided within this document will be adherent to office timings 10.00 AM to 5.30 PM. In receipt of online admission forms and online transfer of fees, the deadline will be midnight on the same date. The university reserves the right to change any published dates and times with prior notification on the university website.

#### 4a) Eligibility Criteria:

- i) The applicant seeking admissions should have passed
- ii) Applicant must have passed any of the following qualifying examinations; with English as one of the subjects:
  - The +2 level examination in the 10+2 pattern of examination of any recognized Central/State Board of Secondary Education and Council for Indian School Certificate Examination, New Delhi.
  - Intermediate Science or Two-year Pre-University Examination conducted by a recognized Board/University.
  - Final Examination of the two-year course of the Joint Services Wing of the National Defense Academy.
  - General Certificate Education (GCE) Examination (London/Cambridge/Sri Lanka) at the Advanced (A) level with minimum passes of 2/3 of subjects.
  - High School Certificate Examination of Cambridge University
  - International Baccalaureate Diploma Program with the minimum passes of 6 subjects (3HL and 3SL) with 24 points.
  - Any Public School/Board/University Examination in India or in foreign countries recognized by

## Integrated M.Sc. (Five Year) Admission Rules :

- the Association of Indian Universities as equivalent to 10+2 system.
  - Senior Secondary School Examination conducted by the National Open School with a minimum of five subjects.
  - H.S.C. Vocational Examination
- iii) International students interested to apply, may contact the Office of International Relations of PDEU and go through the website office (<http://pdpu.ac.in/International-Students.html>) for more information.

### 4b) Merit Reckoning and Selection Procedure

#### (i) 12<sup>th</sup> Board score and Personal Interview:

Merit list will be prepared by including 75% weightage of theory marks of Physics, Chemistry, Mathematics or Biology and 25% weightage of personal interview. The applicant must appear in PI to qualify for the merit list.

Component	Particulars	Marks Weightage
12 <sup>th</sup> Board Exam marks	<ul style="list-style-type: none"><li>• Physics</li><li>• Chemistry</li><li>• Mathematics / Biology (Only Theory Marks will be considered)</li></ul>	75% weightage
Personal Interview	<ul style="list-style-type: none"><li>• Basic subject knowledge</li><li>• Communication skills</li><li>• Approach &amp; Attitude</li><li>• Co-achievements in co-curricular &amp; sports activities</li></ul>	25% Weightage
<b>TOTAL</b>		<b>100 Marks</b>

# Out-state candidates may be allowed to appear online for personal interview.

**\* It is mandatory to appear in the personal interview.**

**\*\* The applicants must produce all certificates (if any) of achievements in co-curricular and sports at the time of the Interview if asked by the panelists.**

### 5) Online Application Process:

- 5a) Applicant should register the online application form available on the PDEU website. (Please visit the website: - [www.pdpu.ac.in](http://www.pdpu.ac.in) for the application procedure.)
- 5b) For application, an applicant shall be required to make an online payment of Rs. 700.00 through Internet Banking/Debit Card/Credit Card towards the non-refundable application fee.
- 5c) An applicant shall be required to upload the colored scan copies of requisite certificates and testimonials as specified in the Application Form.
- 5d) **The last date to apply online is Midnight of 15<sup>th</sup> July 2024.**
- 5e) The applicant will have to produce the printout of the Admit Card/Hall Ticket (if issued) along with proof of identity such as an original Aadhar card/ election card/ driving license during the interview conducted which will be examined by the panelists.

### 6) Test Administration and Merit List:

## Integrated M.Sc. (Five Year) Admission Rules :

- 6a) Applicants must have the following documents when appearing for the interview:
  - i) Admit Card/Hall Ticket/confirmation mail
  - ii) Photo identity proof (Aadhar card/ election card/ driving license etc.)
  - iii) Certificates & medals of achievements of the student if any
- 6b) There will be no consideration to change the interview schedule unless in exceptional circumstances. A request for the same will be made via email by the applicant and will be reviewed by the Directors of schools for consideration. Requests should be made at least one week before the date of the Personal Interview.
- 6c) Based on the performance in the 12<sup>th</sup> Board exams and the personal interview evaluation, a single merit list will be announced on 23<sup>rd</sup> May, 2023, based on the cut-off score, decided by the Admission Committee.
- 6d) If at any stage, the information provided by the applicant is found to be false, his / her admission shall be cancelled and he/she shall be debarred from applying for admission in any academic program of the University for the next two years.
- 6e) All communications for the admission process will be made through the PDEU website [www.pdpu.ac.in] and only communications made on the website should be treated as final. Applicants are strongly advised to access the School's website on regular basis for admission updates.
- 6f) Admission committee is empowered to cancel any admission that has been given inadvertently by the Admission Committee or admission taken by the applicant based on incorrect/ insufficient information.
- 6g) If, due to any administrative or other reason, the University cancels the allotment of the seat made to any applicant, the entire fee collected (except the application form fee) will be refunded.
- 6h) On admission, the applicant will have to submit one copy of the Aadhar Card (optional), Date of Birth Certificate (optional), 10<sup>th</sup> Standard passing certificate, 12<sup>th</sup> standard marks Sheet and Certificate, School Leaving Certificate, SC / ST / Physically Challenged Certificate (by competent authority) for verification. The University does not collect or keep any original document with itself.
- 6i) The above rules are subject to modifications from time to time, whenever found necessary.
- 6j) **The admission will be on a provisional basis subject to fulfilment of passing the 12<sup>th</sup> standard or equivalent qualification as mentioned in eligibility [Refer section 4].**

## 7) Fee Structure and Payment Schedule

### 7a) Fee Structure: (For All Students)

**For all candidates (Except NRI/NRI sponsored and international candidates)**

<b>Particulars for B.Sc. and B.Sc. (H) program</b>	<b>Fees for Student (In INR)</b>
Tuition Fee (per semester) for 3 year B.Sc. and 4 year B.Sc. (Hons.) program	60000 = 00
University Enrollment & Examination Fees (per semester)	3,000 = 00
Library Deposit (One time, Refundable)	3,000 = 00
Caution Money Deposit (One time, Refundable)	10,000 = 00
<b>Total Fees, Enrollment, Examination Fees &amp; Deposits</b>	<b>76000 = 00</b>

Integrated M.Sc. (Five Year) Admission Rules :

<b>Particulars for M.Sc. Program</b>	<b>Fees for Student (In INR)</b>
Tuition Fee (per semester)	75000 = 00
University Enrollment & Examination Fees (per semester)	3,000 = 00
Library Deposit (One time, Refundable)	3,000 = 00
Caution Money Deposit (One time, Refundable)	10,000 = 00
<b>Total Fees, Enrollment, Examination Fees &amp; Deposits</b>	<b>91000 = 00</b>

**For NRI/NRI sponsored candidate**

<b>Particulars</b>	<b>Fees for Student (In Rs.)</b>
Tuition Fee (per semester)	3000 USD
University Enrollment & Examination Fees (per semester)	3,000 = 00
Library Deposit (One time, Refundable)	3,000 = 00
Caution Money Deposit (One time, Refundable)	10,000 = 00
<b>Total Fees, Enrollment, Examination Fees &amp; Deposits</b>	<b>USD 3000 + Rs. 16000</b>

**7b) Scholarship:**

1. A 100% tuition fee waiver will be offered to the first two students in the merit for each program I.e. Physics/Chemistry and Mathematics with 85% and above theory marks for the subjects Physics, Chemistry and Mathematics/Biology in class XII<sup>th</sup> in respective board examinations. In case of tie in marks following criteria will be followed:

<b>Program admitted</b>	<b>Criteria 1</b>	<b>Criteria 2</b>	<b>criteria3</b>
Integrated M.Sc. (Physics)	Physics theory marks	Mathematics theory marks	English
Integrated M.Sc. (Chemistry)	Chemistry theory marks	Physics theory marks	English
Integrated M.Sc. (Data Science)	Mathematics theory marks	Physics theory marks	English

\*Note: The continuation of the fee waiver scheme is subject to maintaining a 7.5 CGPA in the following semesters, without any backlog subjects in case of renewal.

1. Student Must meet the requirements of minimum attendance which is 75%.
2. No disciplinary action has been initiated/ awarded against the student.
3. Failing the above conditions, the fee waiver will be discontinued.
4. The scholarship will be applicable only after the submission of the 12<sup>th</sup> standard board marks.

## 2. Research-based Assistantship for M.Sc.:

Research-based Assistantship of Rs. 25,000/- per semester will be given to all enrolled students for all the semesters and will be paid at the end of the respective semester. The student has to maintain a CPI of 6.5 or above throughout the course duration (all 4 semesters) to be eligible for the research assistantship.

## 8) Hostel and Mess Facility

An applicant who has been offered admission and is keen to avail the Hostel and /or Mess Facilities should report at Hostel Desk / Mess Desk on the campus.

The following fees are required to be paid and are likely to be revised from time to time.

Hostel Fees: 96000/- per academic year (Non-refundable)

Hostel Deposit (Refundable): Rs. 5,000/-

### Mess Charges:

i) Rs. 52000/- per year for breakfast, lunch, dinner and snacks as per the canteen schedule. This is compulsory for applicants opting for the hostel facility of the University.

ii) Rs. 34250/- per year for breakfast, lunch and snacks for day scholars as per the canteen schedule. (Monday to Friday)

**Note:** Hostel and mess fees are subject to upward revision from time to time.

b) The above-mentioned Hostel Fees / Mess Charges have to be paid through a Demand Draft drawn in favour of “Pandit Deendayal Petroleum University”, payable at Ahmedabad or online through NEFT/RTGS.

## 9) Education Loan

The education loan facility will be available to eligible students from the leading banks at a preferred rate of interest. The students are required to provide supporting documentation as required by the bank.

## 9) Cancellation of Admission and Refund of fees:

### a) Cancellation of admission by the applicant or his guardian or authorized representative:

i) An applicant desirous to cancel his/her admission shall have to apply for it through the On-Line Admission Portal of the University.

ii) Refunds for withdrawal of admission will be as per the provisions of the University. If the admission is withdrawn by a candidate before the commencement of the First Semester, and if the seat there upon becoming vacant is filled up with the other candidate, the fees will be refunded by **15<sup>th</sup> December 2024** after a deduction of Rs.1,000/-.

If on account of withdrawal, consequential vacancy is not filled and the seat remains finally vacant, only the Caution Money Deposit (i.e. Rs.10,000/-) and Library Deposit (i.e. Rs.3,000/-) i.e., a total of a sum of Rs.13,000/- will be refunded.

For withdrawal of admission and application seeking a refund, a candidate is required to submit the fee receipt, admission letter and the letter of request for withdrawal duly signed by him/her, countersigned by the parent/guardian.

The above-referred refund of fees against cancellation of admission is applicable uniformly, irrespective of the point of time an applicant has got the admission.

*No refund shall, in any case be made if the candidate wishes to withdraw admission after the commencement of the first semester.*

**b) Cancellation of admission by the University:**

Sr. No.	Cancellation by University	Amount of Refund	Date of Refund
1	In case the applicant fails to produce original documents	Only Deposit	15 <sup>th</sup> December 2024
2	In case the information provided by an applicant is found to be false or irrelevant/noncompliant to the Requirements	Only Deposit	15 <sup>th</sup> December 2024

Note: No refund will be given in cash.

**11) Interpretations and Change of Admission Rules:**

In the matter of interpretation of Admission Rules and Procedures, the decision of the Admission Committee shall be final and binding on the applicants. The Admission Committee is authorized to resolve issues that are not covered in the Admission Rules and Procedures mentioned above, on the merit of the cases, and implement the same.

**a. Important Dates\***

1	Online Application Live from	26 <sup>th</sup> February, 2024	
3	<b>PHASE – I</b>	Personal Interview	20 <sup>th</sup> May, 2024
4		Announcement of Provisional Merit List (1 <sup>st</sup> Phase)	23 <sup>rd</sup> May, 2024
5		Last Date for fees payment (1 <sup>st</sup> Phase)	31 <sup>st</sup> May, 2024
6	<b>PHASE – II</b>	Personal Interview	24 <sup>th</sup> June, 2024
7		Announcement of Provisional Merit List (2 <sup>nd</sup> Phase)	27 <sup>th</sup> June, 2024
8		Last Date for fees payment (2 <sup>nd</sup> Phase)	7 <sup>th</sup> July 2024
9	<b>PHASE – III**</b>	Personal Interview	17 <sup>th</sup> July, 2024
10		Announcement of Provisional Merit List (3 <sup>rd</sup> Phase)	19 <sup>th</sup> July, 2024
11		Last Date for fees payment (3 <sup>rd</sup> Phase)	24 <sup>th</sup> July, 2024

\*\* Phase –III will be conducted in case of the vacant seats only.