

**RAJASTHAN ENGINEERING ADMISSION PROCESS (REAP)-2022
FOR
ADMISSION IN FIRST YEAR OF B.E/B.TECH AND B.ARCH COURSES
FOR THE SESSION 2022-2023**

Following general instructions and procedures for REAP-2022 are circulated by virtue of powers entrusted through letter No. F20(1)(1) T.E./2011 part dated 13 April, 2022 of Technical Education Department, Government of Rajasthan, Jaipur.

-: GENERAL INSTRUCTIONS:-

The candidates are advised to carefully establish their eligibility before applying for the REAP-2022. REAP-2022 will not be responsible for any loss/damage occurred due to the wrong information provided by the candidate. The candidate would be solely responsible for the consequences or any damage/loss/harm which occur due to wrong or erroneous facts/data/information given by the candidate.

1. ELIGIBILITY OF ADMISSION:

1.1 Eligibility criterion for admission in first year of B.E. / B.Tech. is:

Passed 10+2 examination with combination of subject from Physics/ Mathematics / Chemistry/Computer Science/ Electronics/ Information Technology/ Biology/Informatics Practices/ Biotechnology/ Technical Vocational subject[#] / Agriculture/ Engineering Graphics/ Business Studies/Entrepreneurship as per (Annexure-1).

Agriculture stream (for Agriculture Engineering)

Obtained at least 45% marks (40% marks in case of candidates belonging to reserved category*) in the above subjects taken together.

OR

Passed minimum 3 years Diploma examination with at least 45% marks (40% marks in case of candidates belonging to reserved category*) subject to vacancies in the First Year, in case the vacancies at lateral entry are exhausted.

(The Universities will offer suitable bridge courses such as Mathematics, Physics, Engineering drawing, etc., for the students coming from diverse backgrounds to prepare them for desired learning outcomes of the programme)

*** Note:**

- 1) Reserve Category is hereby elaborated as candidates from SC, ST and Non-creamy layer OBC and Non-creamy layer MBC, PwD category only for relaxation in Minimum Academic Qualifications.**

- 2) # List of Technical Vocational Subject is proposed to be in accordance to the CBSE and RBSE Board. (Annexure-2)
- 3) Relaxation in cut-off percentages to Kashmiri migrants. (Annexure-3)

1.2 Eligibility criterion for admission in first year of B.Arch. is:

- a) No candidate shall be admitted to architecture course unless she/he has passed an examination 10+2 scheme with Physics, Chemistry and Mathematics or 10+3 Diploma Examination with Mathematics as compulsory subject.
- b) The candidate needs to qualify an Aptitude Test in Architecture, conducted by either NTA (That is JEE) or “NATA” conducted by the Council of Architecture.

1.3 Medical Fitness:

As per the Medical Standards for pursuing B.E./B.Tech and B.Arch Courses.

2. MODES AND ROUNDS IN ADMISSION PROCESS:

Following are the modes and rounds in admissions process of REAP-2022:

Mode	Round	Admissions process details of the round
Centralised	1 st	Counselling for Tuition Fees Waiver Scheme (TFWS) candidates.
	2 nd	Upward Movement I for TFWS Candidates
	3 rd	Upward Movement II for TFWS Candidates
	4 th	Counselling for Kashmiri Migrants (KM) and persons with Special Abilities & Ex Servicemen of Rajasthan Domicile and Main Counselling for Out of Rajasthan State candidates.
	5 th	Main Counselling for Rajasthan State candidates.
Institute Level	6 th	Direct Admissions on Vacant Seats and Management Quota admissions (at institute level)

Note: The Vacant Seats after each round will be merged in their appropriate Vertical/ Horizontal reservation category seats.

3. Merit and Priority :

3.1 Merit and Priority for admission in first year of B.E. / B.Tech is:

REAP-2022 merit will be prepared based on the rank obtained in JEE (Mains) 2022-23 and Percentile/ percentage in 12th / Diploma considering the priority as shown below in the table:

S.No	Basis of admissions	Priority
1	Rank obtained in JEE (Mains) 2022 ^S	1 st
2	Percentile obtained in class 12 th	2 nd
3	Percentage obtained in Diploma in Engineering & Technology approved by state government.	3rd

^SFor Candidates having JEE Mains- 2022 Percentile must be greater or equal to 20.

- I. For the applicants applied on the basis of the marks of Class 12th, the percentile (Comparative Score) will be determined on the basis of no. of applicants in REAP-2022 of particular board[#], to obtain combined Rank/ Merit of the candidate.
- II. In case of, Diploma holders, percentage in diploma will be the criteria for Merit/ Rank.
- III. In case of tie between the percentiles of candidate's, higher merit would be assigned to a candidate in following pattern: -

Candidate having higher age will be given higher merit/ rank thereafter the candidate who has applied earlier will be given higher merit/ rank.

#Boards other than RBSE and CBSE will be treated equivalent to CBSE for determining percentile.

3.2 Merit and Priority for admission in first year of B.Arch. is:

REAP-2022 merit for B.Arch. Course will be prepared based on the score/rank obtained in NATA-2022 and Percentile/ percentage in 12th / Diploma with equal weightage and considering the priority as shown below in the table:

S.No	Basis of admissions	Priority
1	Percentile obtained in Class-12 (50 % weightage) + Higher score of NATA/ JEE-2022*(50 % weightage)	1 st
2	Percentage obtained in Diploma (50 % weightage) + Higher of score NATA/JEE -2022* (50 % weightage)	2 nd

* Best one out of two scores in JEE-2022 and NATA-2022 shall be considered.

4. Seat Matrix and Reservation :

The seats available for admission would be notified separately on web portal. However the reservation of seats as prescribed by the Government of Rajasthan and order No. एफ 1(6)त.शि./2021 dated 03 Feb, 2021 received from Secretary department of technical education, the reservation on all types of seats (self financed and Govt. aided seats) in Autonomous Engineering Colleges of Government of Rajasthan/Constituent College of Government Universities, Government Universities and Private Technical Institutes (Except Management Quota) will be made subject to the prevalent statutory provisions of the State of Rajasthan viz. 16% for SC candidates, 12% for ST candidates, 21% for candidates belonging to non-creamy layer OBC category¹, 10% for Economical weaker section (EWS) candidates² and 5% for candidates belonging to non-creamy layer MBC category³.

1. As per the state government department of personnel notification no. F7 (8) DOP/A-2/2008 dated 19.02.2019, the limit of non-creamy layer has been raised and substituted as "rupees eight lakh".
2. As per the state government department of personnel notification no.F.7(1) DOP/A-II/2019 dated 22.02.2019.
3. As per the state government order by DOP dated 08/03/2019.

As per the state government order no. F1(6)/Tech.Edu. /1999 Jaipur Dated 04-07-2016, the 45% seats of prescribed 12% ST quota will be reserved for TSP in all institute where ST reservation is available. The candidates who belong to notified TSP areas and come under ST reservation will be eligible under this quota.

Provision will also be made for horizontal reservation of:

5% for candidates belonging to person with special ability (PwD)

25% for women in their respective reservation category and

3% for dependants of Ex-servicemen category. (50% of the reserved seats in this category are earmarked for the girls)

Priority of the defence person/Ex-Servicemen is as follows:

Code	Category
EXS1	Widows/ wards of killed in action.
EXS2	Wards of Disabled in action and boarded out from service.
EXS3	Widows/ Wards of Defence personnel who died while in service with death attributable to military service.
EXS4	Wards of disabled in service and boarded out with disability attributable to military service.
EXS5	Wards of Ex-Servicemen and serving personnel who are in receipt of Gallantry Awards. i) Paramvir Chakra ii) Ashok Chakra iii) MahaVir Chakra iv) Kirti Chakra v)Vir Chakra
EXS6	Wards of Ex-Servicemen.
EXS7	Wives of defence personnel i) Disabled in action and boarded out from service. ii) Disabled in service and boarded out with disability attributable to military service. iii) Ex-Servicemen and serving personnel who are in receipt of Gallantry Awards.
EXS8	Wards of Serving Personnel.
EXS9	Wives of Serving Personnel.

Supernumerary seats for Kashmiri Migrants (KM) and Kashmiri Pandits /Kashmiri Hindu Families (Non-migrants) for B.E./B.Tech./B. Arch. courses :-

As per the Order/File No. AICTE/P& AP/Misc/2020/ of AICTE dated 06/10/2020 additional 5% of AICTE approved intake capacity per Course/ branch (over and above sanctioned seats) will be reserved for Kashmiri Pandits /Kashmiri Hindu Families (Non-migrants) and for Kashmiri migrants.

**Supernumerary seats under Tuition fees waiver scheme(TFWS) for B.E./B.Tech and B.Arch course :-
Requirements and Eligibility for TFWS seats**

- Sons/ Daughters of parents whose annual income from all sources does not exceed ₹. 8.00 Lakh.
- The Waiver is limited to the Tuition Fee as approved by the State Level Fee Committee for Self-Financing Institutions and by the Government for the Government/ Government aided Institutions/Constituent College



REAP-2022

Office : CENTRE FOR ELECTRONIC GOVERNANCE
(Established by Govt. of Rajasthan)

Near Govt. R. C. Khaitan Polytechnic College, Bhilana Doongri, Jaipur-302004

Website: www.cgreap2022.com

Print Date : 8/13/2022

Seat Matrix

INSTITUTE DETAILS

College Form No.
College Registration Number
College LoginID
College Name

SESSION 2022-23

1075
5238
1075

Techno India NJR Institute of Technology, Udaipur

SNo	Branch Name	AICTE Intake	Out of Raj Total Quota	State Seats	Total EWS	EWS Female	EWS Open	Total OBC	OBC Female	OBC Open	Total MBC	MBC Female	MBC Open	Total SC	SC Female	SC Open	Total ST	Total TSP	TSP Female	TSP Open	ST Non TSP Total	ST Non TSP Female	ST Non TSP Open	General Total	General Female	General Open	TFW Seats	KM Seats	EXS Total	EXS Female	EXS Open	Total PWD	PWD Female	PWD Open	Management	Branch Code
1	COMPUTER SCIENCE AND ENGINEERING(SFS)	180	27	126	13	3	10	26	7	19	6	2	4	20	5	15	15	7	2	5	8	2	6	46	12	34	9	9	4	2	2	6	2	4	27	176
2	ELECTRONICS AND COMMUNICATION ENGINEERING(SFS)	30	5	20	2	1	1	4	1	3	1	0	1	3	1	2	2	1	0	1	1	0	1	8	2	6	2	2	1	1	0	1	0	1	5	109
3	ELECTRICAL ENGINEERING(SFS)	30	5	20	2	1	1	4	1	3	1	0	1	3	1	2	2	1	0	1	1	0	1	8	2	6	2	2	1	1	0	1	0	1	5	107
4	CIVIL ENGINEERING(SFS)	30	5	20	2	1	1	4	1	3	1	0	1	3	1	2	2	1	0	1	1	0	1	8	2	6	2	2	1	1	0	1	0	1	5	105
5	MECHANICAL ENGINEERING(SFS)	30	5	20	2	1	1	4	1	3	1	0	1	3	1	2	2	1	0	1	1	0	1	8	2	6	2	2	1	1	0	1	0	1	5	113

For Techno India NJR Institute of Technology

Signature of Director/Principal

Dr. S. Vyas
Director

College: Techno India NJR Institute of Technology
Director