

Bikaner Technical University, Bikaner

BTU PhD Admission 2022-23

Guidelines to the DRC for conducting PhD interviews

The following guidelines need to be followed by the DRC/Supervisors/Candidates seeking admission in PhD for offline interview, allotment of the research center, allotment of research supervisor and document verification of the candidates.

1. All Supervisors of concerned research centers and eligible candidates has to appear for interview at BTU, Bikaner premises. ***The date of interview will be as per below schedule.***

Branch Name	Date and time
Computer science and Engineering	April 5 th , 2023, 11.00 A.M.
Electrical Engineering	
Multi-disciplinary	
Mechanical Engineering	April 10 th , 2023, 11.00 A.M.

2. Candidate also needs to show his/her photo identity card/Aadhar card/Passport as evidence of his/her true identity prior to starting the interview.
3. The application form along with the all the necessary documents (self-attested copies) are to be collected from the candidates (up to schedule mentioned above) and these documents must be checked by the DRC before interview regarding eligibility point of view. Before granting admission, DRC must ensure that the applicant fulfills all the eligibility criteria for the applied category. For checking by DRC, the documents which are to be collected from the candidates are as follows:
 - a) PhD Candidate Information Format (*attached herewith*)
 - b) All educational marks-sheet and certificate of Class X, Class XII/Diploma, UG, PG
 - c) Consolidated grade/mark sheet of qualifying degree
 - d) Qualifying/provisional degree certificate
 - e) Valid Gate score, if any
 - f) Experience certificate if applicable
 - g) Certificate of category (SC/ST/OBC/MBC) issued by competent authority as per the Rajasthan State Rules
 - h) For Part Time Self Finance Category Form 2(c)
 - i) For Part Time BTU Faculty/Staff Category Form 2(a)

- j) For in service Full Time Sponsored and Self-Financed Category Form 1(a) and 1(b) respectively (Please note that for Full Time with Fellowship (University fellowship/ADF/TEQIP) and non-employee Full Time Self Sponsored Category no such forms are prescribed.)

The photocopies of all documents will be verified from the original documents by the Research Center allotted to the candidate, at the time of reporting (separate office order shall be issued regarding this).

4. The reservation in Ph.D. Program shall be as per the Rajasthan State Government Reservation Policy. DRC must ensure that applicants desirous of seeking admission in OBC/MBC category should have valid certificate of non-creamy layer. The DRC need to follow the attached reservation roster submitted by the concerned institute while preparing the final list of the selected candidates for the admission.

5. **Norms for Research Supervisor:**

- a) The maximum limit for supervising PhD students as Research Supervisor/Co-Supervisor at a time shall be as follows:

Professor:	8
Associate Professor:	6
Assistant Professor:	4

In case of research topics that are of interdisciplinary in nature, DRC may permit joint supervision. DRC shall appoint one supervisor within the department as main supervisor who shall be known as Research Supervisor and the other supervisor as Co-Supervisor. A research scholar if supervised by two supervisors shall be counted as 1 each for both the Research Supervisor and the Co-Supervisor while calculating the maximum limit as above.

- b) Maximum two number of vacancies per supervisor (working at research centers) shall be announced in the capacity of main supervisor for admission through BTU-DAT entrance process in an academic year. In order to be appointed as Co-supervisor during the admission process, the concerned supervisor need to have vacant seats under him/her other than those announced for admission as main supervisor. The list of eligible supervisors with their specialization and the number of vacancies announced for admission under each of them as main supervisor has already been collected by the respective DRC Chairpersons. However, the University reserves the right to increase or decrease the number of vacancies during the admission process at any time without prior information.
- c) The allocation of research supervisor for a selected research scholar shall be decided by the DRC depending upon the specialization of the supervisors, interest area of the applicant and preferably with mutual consent of supervisor and the applicant till all the vacancies are filled as per regulations. However, recommendations of the DRC regarding

allotment of supervisor and research center shall be final and binding.

- d) No person shall be allowed to supervise close relation including children, grandchildren brother, sister, son in law, daughter in law, nephew, niece, grandnephew, grandniece, uncle, aunt and first cousin.
 - e) A person having less than two years to his retirement shall not be allotted a new research scholar.
6. Applicants for full time research program shall preferably be permitted having sponsorship/assistantship/fellowship/any financial support from university/state or national level agency, etc. However, applicants without any financial support as above shall not be disqualified to take admission to Full time PhD program and shall be admitted under Self Sponsored Category.
 7. Limited number of Scholarship/Assistantship/Fellowship shall be made available to full-time candidates after admission subjected to availability and norms of the concerned institute/scheme and shall be decided by the concerned institute/governing agency.
 8. For Part -time research scholar: In addition to the educational qualifications the applicant shall prove the following to the satisfaction of the DRC:
 - a) His official duties permit him to devote sufficient time to research through written endorsement from his employer in prescribed form.
 - b) Facilities for pursuing research are available at the applicant's parent organization/place of work in the chosen field of research.
 - c) Applicant submits the certificate issued by the employer to allow him/her to fulfil the residential requirement during course work and contact days with supervisor after completion of the course work as notified by University from time to time.
 9. Convener of BTU-DAT shall announce the list of the qualified candidates of written exam to be called for the interview. All the qualified candidates of BTU-DAT examination shall be called for the interview/viva-voce before the DRC. For selection of candidates, a weightage of 70% to the entrance test and 30% to the performance in the interview/viva-voce shall be given.
 10. On a notified date, the DRC shall interview the invited applicants in the order of merit of BTU-DAT. **The candidates are required to discuss their research interest/area/plan through a presentation before DRC.** The DRC shall judge the suitability of the applicant for admission also on the basis of the following aspects whether:
 - the candidate possesses the competence for the proposed research;
 - the research work can be suitably undertaken at the Institution/College/Research Center;
 - the proposed area of research can contribute to new/additional knowledge.

The candidate shall be asked questions after completion of presentation and shall be given marks in the interview out of the maximum marks 30. The distribution of the 30 maximum marks of the interview shall be as below:

- 10 marks for candidate's competence in the proposed research area viz. familiarity with necessary software/lab equipments/analytical/numerical methods, etc. and research aptitude.
 - 10 marks for contribution of the proposed research work to new/additional knowledge.
 - 10 marks for candidate's technical/scientific knowledge in the proposed research area and clear understanding of the proposed research area.
11. A final merit list of the candidates in individual specialization shall be prepared by the concerned DRC. For the final merit list of the candidate, the marks obtained in the BTU-DAT (out of 100 maximum marks) shall be multiplied by 0.7 and shall be added to the interview marks of the candidate (awarded out of maximum marks 30) and thus final merit list for a particular specialization shall be prepared on the basis of aggregate marks obtained accordingly in the attached format (Marks Calculation Format). In the case of two candidates obtaining same aggregate marks, the candidate older in age shall be placed higher in merit.
 12. The candidate shall be allotted supervisor by DRC in the order of merit. Preference of the candidate for supervisor shall be considered as far as possible (Candidates shall be asked by DRC to fill this information in the attached Candidate Information Format and send to DRC chairperson/coordinator along with other necessary documents up to April 15th, 2023, as indicated in point no. 6). However, recommendations of the DRC regarding allotment of supervisor and research center shall be final and binding.
 13. DRC shall communicate the final list of selected candidates for admission along with the name of allotted supervisor and research center in the attached format to Dean Research for the approval of Research Board.
 14. University reserves the right not to fill all the vacant seats in the absence of suitable applicants and/or non-availability of supervisor in the chosen area of research as decided by DRC.
 15. An applicant who has applied for more than one specialization under the same department shall be asked to give his/her preference of specialization and supervisor at the time of interview by concerned DRC, and after interview if he/she is appearing in the merit list of more than one specialization shall be allotted seat/supervisor only in one specialization depending upon the applicant's preference and availability of consenting supervisor. The decision of the DRC in this regard shall be final and binding.
 16. Results of the interview must be prepared in the attached format only (Interview Results Format).

17. For the applicants admitted to PhD program, the names of two departmental courses need to be decided at the time of interview and is to be recorded in the attached format.

**Format for undertaking to be submitted by the candidate
regarding the originality of documents**

Declaration by the applicant

I (Name of the applicant) son/daughter of -----
-----, hereby declare that all the document submitted by me to DRC chairman are
my original. If any mismatch/fault/false/fake information is found in my documents at the time
of physical verification, then my admission may be cancelled and I will be sole responsible for it.

Date:

Signature and
Name of applicant



Bikaner Technical University, Bikaner
Ph.D. Candidate Information Format (to be filled by the candidate)

Name of Candidate:

Specialization (in which appeared for BTU-DAT)

Category: Gen/OBC/MBC/SC/ST/Ex S/PH/Other (specify)

Admission Category applied for Full Time (Fellowship/ Sponsored/ Self-financed/ Self Sponsored)/Part Time (University faculty and staff/ Project staff/Self finance)

Name of Master's Degree with specialization:

Percentage of marks in Master's Degree:

Area of research interest:

Title of proposed research problem:.....

Preference of Research Supervisor*: (Please list name of all eligible Supervisor in the specialization in the order of preference)

No.	Name of Research Supervisor
1	
2	
3	
4	
5	
6	
7	

(Signature of the candidate with date)

*Please note that preference shall be considered as far as possible by DRC, but the recommendations of the DRC regarding allotment of supervisor and research centre shall be final and binding.

Category	Form to be attached
Full Time Sponsored	<u>Form 1 (a)</u>
Full Time Self-financed	<u>Form 1 (b)</u>
Part Time Self-financed	<u>Form 2 (c), Form 2 (d)</u>
Part Time BTU Staff	<u>Form 2(a)</u>
Part Time BTU Project	<u>Form 2(b)</u>

Format for Form 1 (a)
(Mandatory for in service Sponsored category)

Declaration by Employer of the applicant

Application of Mr./Ms./ Mrs. who is working as
------(designation) in -----department of our institution/organization
for admission as Full-Time research scholar at Bikaner Technical University, Bikaner is hereby
forwarded. He is working in our institute/organization since -----(minimum
two years working experience is required.)

In case, he/she is selected for admission by the university in the Ph.D. program; he/she shall
be relieved in time to join the Ph.D. program. He /she will also be treated on duty and will be
provided his/her normal salary during the period of Ph.D.

Date:

Head of institution
Signature with seal

Format for Form 1 (b)

(Mandatory for in service Self-financed category)

Application of Mr./Ms. who is working as
(designation) in department of our institution for admission
as Full-Time research scholar at Bikaner Technical University, Bikaner is forwarded. In case
he/she is selected for admission, he/she shall be granted study leave of
.....years (minimum two years) to pursue the Ph.D. He/ She will be relived in time by our
institution to join the Ph.D.
program.

Date:

Head of institution
Signature with seal

Format for Form 2(a)

(Mandatory for category, Bikaner Technical University Faculty/Staff)

Application of Mr./Ms. who is working as
(designation) in ----- department of our institution for admission as
Part Time research scholar at Bikaner Technical University Bikaner, is hereby forwarded. He/She
has more than three years of working experience.

Date:

Head of institution
Signature with seal

Format for Form 2(b)
(Mandatory for category, Project Staff of Bikaner Technical University)

Application of Mr./Ms./Mrs. who is working as
(designation) in -----department is hereby forwarded for
admission as Part Time research scholar of Bikaner Technical University Bikaner.

Date:

Principle Investigator/
Coordinator of project

Format for Form 2(c)
(Mandatory for Self-finance category (Part Time))
Declaration by Employer of the applicant

Application of Mr./Ms./Mrs. who is working as
..... (designation) in institution/organization is
hereby forwarded for admission as Part Time research scholar at BTU Bikaner. He is working
in our institute/organization since ----- (minimum three years working
experience is required*). In case he/she is selected for admission, he/she shall be allowed to
complete all the mandatory residential and other requirements of the Program/ Course as per
the rules of the university.

This is also certified that the sufficient research facility pertaining to his/her research work is
available at our institute/organization and will be made available for his/her utilization.

Date:

Head of institution
Signature with seal

* Applicant having less than three years' experience under current employer needs to submit the
past experience certificate(s) totaling at-least three years duration in addition to the above
mandatory certificate from the current employer.