

**MINUTES OF THE ACADEMIC COUNCIL MEETING  
NO. AC/20/2020**

**October 20, 2020**

**The meeting of 20<sup>th</sup> Academic Council held (online) on October 20, 2020 at 10.30 am**

The 20<sup>th</sup> Academic Council Meeting was held on October 20, 2020 at 10.30 a.m. through online CISCO Webex Platform. The following members were present.

1. Prof. Vedala Rama Sastry, Vice-Chancellor	Chairman
2. Dr. S. L. Nalbalwar, Dean (Academics-F-E&T)	Member
3. Dr. N. Agrawal, Head, Department of Mechanical Engineering	Member
4. Dr. S.G. Dahotre, Head, Physics Department	Member
5. Dr. S. R. Sutar, Head, Dept. Information Technology	Member
6. Dr. L.D. Netak, Head, Department of Computer Engineering	Member
7. Dr. S.R. Bhagat, Head, Department of Civil Engineering	Member
8. Dr. A.R. Chavan, Head, Department of Chemical Engineering	Member
9. Prof. S. Metkar, Head, Department of Petrochemical Engineering	Member
10. Dr. B. B. Singh, Head, Department of Mathematics	Member
11. Dr. P.B. Lokhande, Head, Department of Chemistry	Member
12. Dr. U. Shiurkar, Principal, Deogiri College of Engineering	Member
13. Dr. R. Barjibhe, Professor, S.G. CoE Bhusawal	Member
14. Dr. R. Balasubramanium, BARC, Mumbai	Member
15. Dr. A. Deshmane, Principal, B.I.T Barshi	Member
16. Dr. A. Jadhav, Principal, Dnyashree College of Engineering	Member
17. Dr. N. H. Aloorkar, I/c Dean (Pharmacy)	Member
18. Dr. S. Chidrawar, Principal, MPGI, Nanded	Member
19. Dr. A. P. Shesh, Head, Department of HSS	Member
20. Dr. Y. V. Joshi, Director, SGGSIET, Nanded	Member
21. Dr. V S Sathe, Controller of Examinations	Member
22. Dr. B.F. Jogi, I/c Registrar	Secretary
23. Prof. Darshana Desai, IDEA College, Nashik	Member
24. Dr. Vinay Bhandari, NCL, Pune	Member
25. Dr. Hitendra Patil, Chairman BoS Computer Engineering	Member
26. Dr. Madhukar Dabhade, Principal, IOPE, Lonere	Member
27. Dr. J. B. Patil, R C Patel College of Engineering, Shirpur	Invited Member
28. Dr. Kantilal Rane, NCER, Pune	Member

29. Prof. Bipin Bonde	Member
30. Prof. MFAR Satarkar, Department of Electrical Engineering	Member
31. Dr. V. K. Rathod, ICT Mumbai	Member
32. Dr. S. M. Badve, BoS Chairman Electrical Engineering	Member

**The Agenda for the meeting was as follows:**

- A. Approval of 18<sup>th</sup> and 19<sup>th</sup> Academic Council meetings**
- B. Backlog Examination of Diploma, UG and PG students**
- C. Ph.D. Admission AY 2020-21 Rules and Regulations**
- D. Any other point with the permission of Chair**

Dean Academic (F-E&T) welcomed all the members of the Academic Council and requested Hon. Vice-Chancellor to start the meeting.

- A. Approval of minutes of 18<sup>th</sup> and 19<sup>th</sup> Academic council meetings held on 2<sup>nd</sup> and 4<sup>th</sup> September, 2020 respectively**

At the beginning, review of minutes of the 18<sup>th</sup> and 19<sup>th</sup> Academic Council Meetings was done.

***Resolutions: After due discussions and deliberations, all the members of Academic Council approved the minutes of the 18<sup>th</sup> and 19<sup>th</sup> Academic council meetings.***

**B. Backlog Examination of Diploma, UG and PG students**

1. Backlog Examination of approximately 12000 students of diploma, UG and PG is to be conducted in this semester.
2. It is decided to conduct the examination with MCQ based Pattern similar to regular Examination carried out this year for all final year students of AY 2019-20.
3. The backlog examination will be carried out for 100% syllabus for all the students of diploma, UG and PG except for final semester students.
4. For UG and PG Engineering, Examination will be of maximum 60 marks having 60 MCQs out of which 40 MCQs are to be solved by the students. Each question carries 1.5 marks.
5. For Diploma (Engineering), examination will be of maximum 70 marks having 50 MCQs out of which 35 MCQs are to be solved by the students. Each question carries 2 marks.
6. For UG and PG Pharmacy, examination will be of maximum 75 marks having 70 MCQs out of which 50 MCQs are to be solved by the students. Each question carries 1.5 marks.
7. Final semester backlog examination of final year students of diploma, UG and PG will be taken only on the 50% of the syllabus or 2.5 units whichever is the less.
8. For UG and PG Architecture, examination will be of maximum 60 marks having 60 MCQs out of which 40 MCQs are to be solved by the students. Each question carries 1.5 marks. However for two courses namely 1. Architecture Design and 2. Architecture Graphics decision regarding mode of examination will be taken at BoS level

***Resolutions: After due discussions and deliberations, the Academic Council Resolved to conduct the Backlog Examinations for the students of Academic Year of 2019-20 in the MCQ based pattern as mentioned above.***

### **C. Ph.D. Admission AY 2020-21 Rules and Regulations**

#### **Eligibility Criteria for appearing Entrance Examination and Interview for Ph.D Admission**

Dr. Babasaheb Ambedkar Technological University will offer full-time and part-time programs for the Degree of Doctor of Philosophy (Ph. D) in the faculty of Engineering and Technology, Faculty of Pharmacy, faculty of Architecture, faculty of Management and in the academic disciplines of Chemistry, Mathematics, Physics under the faculty of Sciences.

1. The candidates applying for Ph. D Programs in all Engineering disciplines should have passed ME /M Tech or equivalent degree with minimum 60% of marks (55% in case of reserved category candidates from the State of Maharashtra only) awarded by any recognized University/Institute.
2. The candidates applying for Ph. D program in Pharmacy should have passed M Pharm/M Tech in Bio-Technology/M Tech Chemical Engineering/M Tech in Nano Technology or equivalent degree in the subject with minimum 60% of marks (55% in case of reserved category candidates from the State of Maharashtra only) awarded by any recognized University/Institute.
3. The candidates applying for Ph. D program in Architecture should have passed M Arch/M Tech Civil Engineering or equivalent degree in the subject with minimum 60% of marks (55% in case of reserved category candidates from the State of Maharashtra only) awarded by any recognized University/Institute.
4. The candidates applying for Ph. D program in Hotel Management and Catering Technology should have passed M HMCT or equivalent degree in the relevant subject with minimum 60% of marks (55% in case of reserved category candidates from the State of Maharashtra only) awarded by any recognized University/Institute.

5. The candidates applying for Physics, Chemistry and Mathematics should have passed M Sc or equivalent degree in the relevant subject with minimum 60% of marks (55% in case of reserved category candidates from the State of Maharashtra only) awarded by any recognized University/Institute.
6. The candidates applying for Humanities should have passed M A/MBA or equivalent degree in the relevant subject with minimum 55% of marks, 50% in case of reserved category candidates from the State of Maharashtra only awarded by any recognized University/Institute.
7. In case of interdisciplinary research, the candidate will have to appear test in their own discipline.
8. In case of interdisciplinary research main guide will be from the department where the candidate is registering, Co-Guide will be co-opted by the student and main supervisor to be ratified by department research committee.
9. Additional requirement for the candidate applying under AICTE Doctoral Fellowship:
  - A. The candidate must have secured minimum cumulative grade point average (CGPA) of 7.5 on the scale of 10 (or minimum 75% marks) or equivalent at both Bachelors and Masters. In addition to above, the candidate should have qualified GATE/ NET during the last 5 years. For SC/ ST/ PH candidates, CGPA requirement will be 7.0 on the scale of 10 (or 70% marks) or equivalent.
  - B. The candidate should be less than 30 years of age as on date of admission in respective Technical University. However, age relaxation of 5 years would be applicable to candidates belonging to SC/ ST, women and physically challenged category in succession.

**Admission Process:**

The admission of the candidates for Ph.D will be on the basis of entrance test and interview. All candidates will have to appear for entrance test as well as interview for becoming eligible for admission.

## Structure of the Entrance Examination

1. The Entrance Examination will be conducted in two parts; General Aptitude Test and Subject Specific Test.
2. Paper–I: General Aptitude Test (100 Marks) This Paper will have 50 Multiple Choice Questions (MCQs) of 2 Marks each covering Verbal Ability, Numerical Ability, and Reasoning Ability Verbal Ability: To measure degree of comfort with the English Language, Numerical Ability: To test fluency or comfort with Numbers and Calculations, Reasoning Ability: To measure ability to understand and grasp relationships between concepts.
3. Candidate who scores 50 % marks and above (45 % marks and above, in case of all Backward Class, Physically Handicapped candidates) in General Aptitude Test (Paper – I) will be declared qualified.
4. The list of qualified candidates (Paper – I) will be displayed on University website [www.dbatu.ac.in](http://www.dbatu.ac.in)
5. Paper–II: Subject Specific Test (75 Marks).The syllabus of Paper-II for various subjects covered under different branches will be the syllabus of GATE examination of the respective branch of Engineering and/or and GATE/SET/NET/JRF/GPAT for Sciences. This Paper will have 75 Multiple Choice Objective Questions (MCQs) of 1 Marks each covering relevant subjects in the respective branch of Engineering or Sciences. **The weightage of 75% will be given to Paper-II.**
6. Candidate who scores 50 % marks and above (45 % marks and above, in case of all Backward Class, Physically Handicapped candidates) in Subject Specific Test (Paper – II) will be declared qualified.
7. Weightage of 75 % will be given to the candidate having valid **GATE/SET/NET/JRF/GPAT score** and 25% weightage will be given to interview. **These candidates will be exempted from Aptitude Test and Subject Specific Test and will directly appear for the interview.** The weightage of 25% will be given to Interview.

8. **Regular Faculty as recognized by DBATU having more than 5 years of experience will be exempted from Aptitude Test and Subject Specific Test** and will directly appear for the interview. The weightage of 100 % will be given to Interview.
9. The candidates who are not covered under point no. 8 and 9 above who have qualified General Aptitude Test (Paper–I) and Subject Specific Test (Paper–II) can appear for an online interview on the schedule date. The maximum weightage of 25% will be given to interview.

It is suggested to form a committee for deciding the eligibility criteria such as exemption from entrance examination, course work etc for Admission to Ph.D programs for the candidates from Industries/National laboratories/Research organization/PSUs. Ph.D. candidates will be eligible for exemption. This committee will constitute following members:

1. Dr. R. Balasubramanium, BARC, Mumbai
2. Dr. A. Deshmane, Principal, B.I.T Barshi
3. Dr. Y. V. Joshi, Director, SGGSIET, Nanded
4. Dr. L.D. Netak, Head, Department of Computer Engineering, Dr. BATU., Lonere
5. Dr. N. Agrawal, Head, Department of Mechanical Engineering, Dr. BATU., Lonere
6. Dr. R. Barjibhe, Professor, S.G. CoE Bhusawal
7. Dr. Sanjay Khot, SIT College of Engineering, Yadrav, Ichalkaranji ,

***Resolutions: After due discussions and deliberations, the Academic Council formed new Eligibility Criteria for appearing Entrance Examination and Interview for Ph.D Admission, Process of admission and structure of the entrance Examination as mentioned above. A committee is formed as mentioned above.***

#### **D. Any other point with the permission of Chair**

1. An Audit course on Integrated Water Management is decided to be added in the curriculum. A committee is formed with following members to design syllabus of this course:
  - i) Dr. S.R. Bhagat: Chairman
  - ii) Dr. P. B. Lokhande
2. Dr. Hitendra Patil, Chairman BoS Computer Engineering proposed modification in major degree syllabus about adding python subject in V<sup>th</sup> semester. This is approved in the meeting.

3. It is suggested to add course on Artificial Intelligence of 3 credits each, in the curriculum. The said course is intended for every student of Engineering. It is suggested that syllabus of these courses should be entry level/basic. Some departments which are already having this course in their curriculum can skip these subjects to avoid repetition of the subjects.
4. Mercy application submitted by Mr. Pranay Kiran Mankar for admission to the Final Year-Mechanical Engineering. He has completed the third year of his Engineering from S.S.G.B.C.O.E.T., Bhusawal under K.B.C. North Maharashtra University, Jalgaon. He would like to have admission to the Final Year of Mechanical Engineering under our University since meantime his institute has got affiliated to Dr. BATU Lonere. Presently their final year batch is associated with our University.

**AC after thorough discussions has approved the request of the Mr. Pranay Kiran Mankar under Dr. BATU Lonere.**

5. Due to Covid-19 pandemic situation, there was request from BoS Architecture for modifications in the syllabus of Architecture of Semester 8th, 3rd & 1st only for the current academic year. Details about the same are given in Annexure-I.

**AC after thorough discussions and deliberations has approved the request of modifications in the Curriculum of Architecture proposed by its BoS.**

6. Recognition of Ph.D Guides: Dean (Academics-FoE&T) has placed before AC the applications received from Faculty members of affiliated colleges for the recognition as Ph.D guides of DBATU. The AC directed Dean (Academics-FoE&T) to see that requesting faculty member is recognized faculty of the DBATU prior to giving approval as PhD guide.

**AC has approved following Faculty members from various disciplines as Ph.D guides in their respective disciplines.**

S.N.	Name	Date of Recognition	University	Discipline	Approval Status of DBATU as Faculty	Remark
1.	Dr. Rajesh M. Autee	03/12/2019	Dr. BAMU Aurangabad	Electronics Engg	Approved	Recognized Guides of earlier affiliated Universities.
2.	Dr. Gajendra R. Gandhe	03/12/2019	Dr. BAMU Aurangabad	Civil Engg	Approved	
3.	Dr. Rahat A. Khan	19/12/2017	Dr. BAMU Aurangabad	Computer & Science Engg	Approved	
4.	Dr. Vaijanath L. Chinchane	09/12/2019	Dr. BAMU Aurangabad	Mathematics	Approved	

5.	Dr. Satyawan L. Dhondage	09/12/2019	Dr. BAMU Aurangabad	Mathematics	Approved	
6.	Dr. Nitin J. Patil	14/09/2017	KBC North Maharashtra University, Jalgaon	Instrumentation Engg	Approved	
7.	Dr. Ajay Jadhav	31/12/2013	Shivaji University, Kolhapur	Electronics Engineering	Approved	
8.	Dr. Srinivas Metan	--	Solapur University, Solapur	Mechanical Engineering	Approved	Five Papers in Scopus/SCI Indexed journals

Meeting Ended with Thanks to Chair.