

प्राप्त संख्या/R.No. 29687
 दिनांक/Date 16/1/21
 प्रवेश अनुभाग/Admissions Section
 Aligarh Muslim University
 Aligarh
 Date of Controlling 11/2/21
 पत्रांक/R. No. 1125
 दिनांक/Date 16/1/21



Interdisciplinary Centre for Biomedical
 and Human Factors Engineering
ALIGARH MUSLIM UNIVERSITY
ALIGARH - 202002 (U.P.) INDIA

D. No. 177 CIBHFE
 Dated 15 Jan 2021

Controller of Examinations
 AMU Aligarh

Subject: Finalization of Guide to admission 2021-22

Please refer to your letter 2082/Adms dated 12.01.2021 regarding the finalization of Guide to admissions for academic session 2021-2022 (annexure -1).

In the ordinary meeting of the BOS of the Centre for Interdisciplinary Biomedical and Human Factors Engineering held on 12.01.2021 (annexure -2), it was decided to continue with the same eligibility and syllabus for M. Tech. (Biomedical Engineering) admission test 2021-22.

However, the committee constituted to suggest modification in the nomenclature of M. Tech. (Research) programmes in the Faculty of Engineering and Technology meeting held on 03 June 2020, in its report submitted on 14 Aug 2020 (annexure-3), proposed the revision in the nomenclature of the M. Tech. (Research) Biomedical Engineering to

M. Tech. (Biomedical Engineering)

Kindly incorporate the change in the new Guide to Admission.

Relevant page of the guide to admission 2020-21 is also attached (annexure-4) for your reference.

Coordinator

J.C. (Adms)

Mr. Shahmug

Section Officer
 (Admissions)
 16/1/21

Phone : +91-0571-2700920 Ext. 1917, e-mail : biomedicalcentre@myamu.ac.in
 Address : Convention Centre, Near R. M. Hall Parking, Z. H. College of Engg. & Tech., AMU, Aligarh

Annexure -1

R. No. 385 CIBHFE
Dated 14/01/2021

OFFICE OF THE CONTROLLER OF EXAMINATION
(ADMISSION SECTION)
ALIGARH MUSLIM UNIVERSITY
ALIGARH - 202 002

D. NO. 2082 /ADMS.

DATED : 12.01.2021

**MOST URGENT / TIME BOUND
REMINDER**

Deans of the Faculties / Dean, Students' Welfare
Chairmen of the Departments of Studies
Proctor
Coordinators of Centres / Units
Director, Centre for Women's Studies
Director, K.A. Nizami Centre for Quranic Studies / Career Planning Centre
Nodal Officer, Community College
Principals of Colleges / Polytechnics
Secretary, University Games Committee / Coordinator, Cultural Education Centre
Director, Directorate of School Education

**SUBJECT : FINALIZATION OF GUIDE TO ADMISSIONS FOR ACADEMIC SESSION
2021-2022**

Please refer to this office circular D. No. 1985/Adms dated 19.12.2020 on the subject cited above.

In this context, you are once again requested to send fresh proposal(s) / addition / deletion, if any, duly passed by Board of Studies and Faculty, latest by 22.01.2021 so as to enable us to place the same before the meeting of Admission Committee scheduled to be held on 30.01.2021.

Please ignore if you have already sent the reply.

CONTROLLER OF EXAMINATIONS

Copy to :

1. Registrar
2. Finance Officer
3. Joint Controller (Admissions)
4. Deputy Controller / Assistant Controller (Examinations)
5. AR at VC's / PVC's Secretariat
6. PS to Controller of Examinations/Registrar/Finance Officer
7. Section Officer (Admissions / Cash / Students / Scholarships)
8. Dealing Assistants of the Course concerned in the Admission Section

Coordinator
Centre for Interdisciplinary
Biomedical & Human Factors Engineering
F/o Engg. & Tech., A.M.U., Aligarh

Centre for Interdisciplinary Biomedical and Human Factors Engineering
Zakir Husain College of Engineering and Technology
A M U Aligarh



12 Jan 2021

MINUTES

of the ordinary meeting of the Board of Studies (BOS) of the Centre for Interdisciplinary Biomedical and Human Factors Engineering held on 12 Jan 2021 at 10:30 am in an **ONLINE** mode. Following members attended the meeting:

1. Prof. Omar Farooq, Dept. of Electronics Engineering, ZHCET, AMU
2. Prof. (Dr.) Sangeeta Singhal, Dept. of Physiology, JNMCH, AMU
3. Prof. Abid Ali Khan, Dept. of Mechanical Engineering, ZHCET, AMU
4. Prof. Asfar Ali Khan, Dept. of Electrical Engineering, ZHCET, AMU
5. Prof. (Dr.) Fazalur Rehman, Dept. of Anatomy, JNMCH, AMU
6. Mr. Naseem Ahmad Khan, Dept. of Chemical Engineering, ZHCET, AMU
7. Dr. Mehdi Hayat Shahi, Interdisciplinary Brain Research Centre, JNMCH, AMU
8. Prof. Yusuf Uzzaman Khan, Coordinator (Convener)

The following agenda were taken up for consideration:

Item No. 1: Confirmation of the minutes of the last meeting of the Board of Studies held on 17.07.20.

Minutes of the BOS meeting held on 17 July 2020 were confirmed.

Item No. 2: Syllabus and eligibility for next year Guide to admission.

It was decided to continue with the same eligibility and syllabus for M. Tech. Biomedical Engineering admission test 2021-22.

As regards to Ph.D. admission, it was decided to continue with the same syllabus and eligibility for the vacancy to be advertised in the area of Engineering Science. However, for the vacancy in Medical Science, following committee would submit the eligibility and the syllabus in next one week:

1. Prof. Omar Farooq, Dept. of Electronics Engineering, ZHCET, AMU
2. Prof. (Dr.) Sangeeta Singhal, Dept. of Physiology, JNMCH, AMU
3. Prof. (Dr.) Fazalur Rehman, Dept. of Anatomy, JNMCH, AMU (Convener)
4. Mr. Naseem Ahmad Khan, Dept. of Chemical Engineering, ZHCET, AMU
5. Dr. Mehdi Hayat Shahi

Item No. 3: To consider the proposal of opening of B. Tech. in Biomedical Engineering.

In the consultative meeting of the Centre for Interdisciplinary Biomedical and Human Factors Engineering held on 28 December 2020, a committee was formed to present the proposal of B. Tech. in Biomedical Engineering in the BOS to be held on 12.01.20. After deliberations and discussions on the initial work done, it was decided to prepare a comprehensive proposal for the opening of B. Tech. Course in consultation with the Dean and Principal. The committee will interact and take inputs from

Centre for Interdisciplinary Biomedical and Human Factors Engineering,
Convention Centre, Z H College of Engg. & Tech., Aligarh Muslim University, Aligarh-202002
Email: biomedicalcentre@myamu.ac.in
Ph.: 0571 – 2700920 ext 1917

Centre for Interdisciplinary Biomedical and Human Factors Engineering
Zakir Husain College of Engineering and Technology
A M U Aligarh



Dean and Principal before finalising the report. Item was deferred till the committee submits its report.
 Members of the committee are:

1. Prof. Omar Farooq, Dept. of Electronics Engineering, ZHCET, AMU
2. Prof. Abid Ali Khan, Dept. of Mechanical Engineering, ZHCET, AMU
3. Mr. Naseem Ahmad Khan, Dept. of Chemical Engineering, ZHCET, AMU (Convener)
4. Prof. Yusuf Uzzaman Khan, Dept. of Electrical Engineering, ZHCET, AMU

Item No. 4: Faculty requirement in the CIBHFE

Coordinator of the Centre informed the members that another letter in continuation to our previous correspondences has been sent to OSD Development on 09.01.2021.

Any other items(s)

Item 1: Program Elective (PE) Courses

The BOS discussed about the probable PE courses and approved the syllabus of the following courses:

- BME6330 – Machine Learning
- BME6620 – Transport Phenomena in Biological and Physiological Systems

Syllabi of the courses were passed and are attached as per the approved course structure as Annexure-I.

Item 2: M. Tech. Dissertation BMC7920 (Phase -I), BMC7930 (Phase-II)

The BOS discussed and approved the Title, Supervisor(s) and Examiners of the following students:

1. Mudassir Hasan Khan [19BMEM926, GH0703]
 Title: Machine Learning Approach to EEG Analysis
 Supervisor: Prof. Yusuf Uzzaman Khan, Co- Supervisor: Dr. M Sarfraz
2. Farhan Kazmi [19BMEM927, GL7473]
 Title: Fatigue detection using EMG signal
 Supervisor: Prof. Abid Ali Khan
3. Sanid Kamarulla Sayeed [19BMEM928, GH4357]
 Title: Emotion Recognition using Brain Signals
 Supervisor: Prof. Omar Farooq, Co- Supervisor: Prof. Yusuf Uzzaman Khan

List of approved Internal Examiners (for BMC7920) and External Examiners (for BMC7930) for each student is attached as Annexure -II [not for circulation]

The BOS authorised the Coordinator to make changes as and when necessity arises on the agenda items.

12/1/2021
 Prof. Yusuf Uzzaman Khan
 Coordinator

Centre for Interdisciplinary Biomedical and Human Factors Engineering,
 Convention Centre, Z H College of Engg. & Tech., Aligarh Muslim University, Aligarh-202002
 Email: biomedicalcentre@myamu.ac.in
 Ph.: 0571 – 2700920 ext 1917

सं.सं. R. No. 478 / 14/8/20
 दिनांक / Date 14/8/20
 अध्यक्ष / President
 (Chairman's Office)
 सचिव / Secretary

DATED 14.8.20
 D/o COMPUTER E

Report on Proposed Nomenclature of M.Tech. (Research) Programmes

Annexure -3

A meeting of the Committee constituted by the Faculty of Engineering and Technology (June 03, 2020) to suggest modification in the proposed nomenclature of M.Tech. (Research) programmes was held on August 14, 2020 at 11:00 AM in the Office of the Controller of Exams & Admissions. It was attended by the following:

1. Dr. Mujibullah Zuberi, Controller of Exams & Admissions
2. Prof. Altamash Siddiqui, Department of Mechanical Engineering
3. Prof. Yusuf Uzzaman Khan, Department of Electrical Engineering
4. Prof. Abu Tariq, Chief Tabulator, ZHCET
5. Prof. Iqbal Khaleel Khan, Department of Civil Engineering
6. Prof. M. Sarosh Umar, Department of Computer Engineering (Convener)

The members deliberated at length the issue of nomenclature of M.Tech. (Research) Programmes being offered by the Faculty of Engineering & Technology in the light of UGC and AICTE guidelines pertinent to the standard names of the degrees and also referred to UGC Notification regarding Specification of Degrees published in the Gazette of India dated 5th July, 2014 and AICTE Gazette Notification dated 28th April, 2017 regarding Major / Core branches of Engineering and Technology.


The Committee recommended that the nomenclature of M.Tech. (Research) programme offered by the Department of Computer Engineering shall be:

M.Tech. (Computer Science and Engineering) Artificial Intelligence

And the nomenclature of M.Tech. (Research) programme offered by the Centre for Interdisciplinary Biomedical and Human Factor Engineering (CIBHFE) shall be:

M.Tech. (Biomedical Engineering)

The Committee further recommended that the research aspect of the PG programmes under consideration may be highlighted in the Marksheet / Gradesheet provided to the students.


 (M. Sarosh Umar) 14.8.20
 Convener

Annexure-4

Course of Study

Master of Technology (M. Tech.) – Bio-Medical Engineering

Course Details

Duration	Specialization	Code	Intake
4 Semesters	Bio-Medical Engineering	BMMEA	06

Qualifying Examination

B. Tech. / B.E. or its equivalent examination in Biomedical / Biotechnology / Chemical / Computer / Electrical / Electronics / Electronics and Communication / Electrical and Electronics / Instrumentation / Mechanical / Telecommunications Engineering with not less than 60% marks in aggregate or its equivalent CPI / CGPA / NAG.

Note:

Valid GATE Score in any of the above discipline is essential.

Candidate should refer to 'Allowed Courses' under 'Important Information & Rules' to ascertain whether s/he is permitted to apply for the course of study.

D.8

Aligarh Muslim University

Guide to Admissions 2020-21

Selection Process

Through Departmental Test.

Test Paper Details

There shall be one objective type paper.

Test Centre(s)

The Departmental Test shall be held at Aligarh (U.P.) only.

Application Form Details

Form Submission	Last Date of applying	Processing Charges	Form handling Office
Without Late Fee	11-04-2020	Rs. 500.00	Centre for Interdisciplinary Biomedical and Human Factors Engineering, AMU, Aligarh -202002
With Late Fee	18-04-2020	Rs. 800.00	

Corrections in Application Form

Correction in particulars of Application Form is permissible on website only from 20-04-2020 to 24-04-2020. No corrections shall be permissible under any circumstances after this period.

Admit Card

Collect from the Form handling Office 1-2 days before the scheduled date of test. The Test Centre shall be as indicated on the Admit Card.