TEZPUR UNIVERSITY

Minutes of the meeting of the 40th Academic Council of Tezpur University held on 20.09.2021 at 11 a.m. in the Board Room.

Members present:

1. Prof. V.K. Jain, Vice Chancellor	Present (Offline)
2. Prof. D.K. Bhattacharyya, Pro Vice Chancellor	Present (Offline)
3. Prof. Anup Kr. Gogoi, External Member	Present (Online)
4. Prof. Harish Kr. Sharma, External Member	Present (Online)
5. Prof. M. K. Sarma, Dean, Academic Affairs	Present (Offline)
6. Prof. P.K. Das, Dean, School of Humanities & Social Science	Present (Offline)
7. Prof. D. Hazarika, Dean, School of Sciences	Present (Offline)
8. Prof. Papori Baruah, Dean, School of Management Sciences	Present (Offline)
9. Prof. S.K. Sinha, Dean, School of Engineering	Present (Offline)
10. Prof. D. Deka, Dean, Students' Welfare	Present (Online)
11. Prof. N. Karak, Dean, Research and Development	Present (Offline)
12. Prof. U. Kr. Das, Dean, Planning and Development	Present (Online)
13. Prof. B.K. Danta, Head, Department of English	Present (Online)
14. Prof. Nil Ratan Roy, Head, Department of Education	Present (Online)
15. Prof. Chandan K. Sharma, Head, Department of Social Work	Present (Online)
16. Prof. J. Chakraborty, Head, Department of MCJ	Present (Online)
17. Prof. Chandan Goswami, Head, Department of BA	Present (Online)
18. Prof. Bolin Kr. Konwar, Member	Present (Online)
19. Prof. S.S. Sarkar, Director , TLC	Present (Online)
20. Prof. C.L. Mahanta, HoD, Applied Sciences	Present (Online)
21. Prof. Milan Nath, Head, Department of Math. Scs.	Present (Online)
22. Prof. Robin Doley, Head, Department of MBBT	Present (Online)
23. Prof. Mrinal Kr. Das, Head, Department of Physics	Present (Online)
24. Prof. Milan Nath,HoD, Mathematical Sc.	Present (Online)
25. Prof. Bhogeswar Borah, Head, Department of CSE	Present (Online)
26. Prof. Santanu Sharma, Head, Department of ECE	Present (Online)
27. Prof. Nandan Sit, Head, Department of FET	Present (Online)
28. Prof. Tapan Gogoi, Head, Department of Mechanical Engineering	Present (Online)
29. Prof. Soumik Roy, Head, Department of Electrical Engineering	Present (Online)
30. Prof. Nayanmoni Kakoty, Head, Department of Design	Present (Online)
31. Prof. Nityananda Sarma, Director, Computer Centre	Present (Offline)
32. Dr. Dipak Nath, Head, Centre for Disaster Management	Present (Online)
33. Dr. R.K. Doley, Director/Head, CODL & Director, CID	Present (Offline)
34. Dr. Nirmali Gogoi, Head, Department of Env. Science(i/c)	Present (Offline
35. Dr. Priya Ranjan Kumar, Head, Department of Law	Present (Online)
36. Dr. Anju Lata, Head, Department of Hindi	Present (Online)
37. Dr. Subrat J. Neog, Head, Department of Assamese	Present (Online)
38. Dr. Utpal Bora, Chem. Science	Present (Online)
39. Dr. P. Dutta, Head, Department of Cultural studies	Present (Online)
40. Dr. K.U Ahmed, Head, Department of Civil Engineering	Present (Online)
41. Dr. Santi Gopal Maji, Head, Department of Commerce	Present (Online
42. Dr. Riku Chutia, Member	Present (Online)
43. Dr. Reetamoni Narzary, Member	Present (Online)
44. Prof. Sankar Deka, Spl. Invitee	Present (Online)

45. Prof. R. C. Deka, Spl. Invitee	Present (Online)
46. Prof. Manuj Hazarika, Spl. Invitee	Present (Online)
47. Dr. Hitesh Sharma, Spl. Invitee	Present (Offline)
48. Dr. Mridul Dutta, Spl. Invitee	Present (Online)
49. Dr. M. Saikia, Librarian	Present (Online)
50. Dr. Biren Das, Registrar	Present (Online)
51. Prof. Chandana Goswami, Spl. Invitee	Present (Offline)
52. Prof. Dambarudhar Mahanta	Present (Offline
53. Dr. L. Boral, Controller of Examinations	Present (Offline)

At the very outset, the Vice Chancellor extended a warm welcome to all the new members of the Academic Council. The Vice Chancellor apprised that the position of the University in the MHRD NIRF Ranking list 2021 is 73 (Overall) and 46 (Amongst Universities). The University's scores in some parameters like outreach, inclusive activities etc. are not up to the mark. The Vice Chancellor urged upon the Deans and Heads of the Departments present in the meeting to put more efforts in these parameters where our performance is not satisfactory. One special session of AC dedicated in this regard may be held.

The Vice-chancellor congratulated Dr. Pritam Deb for receiving the Visitor's award for Technology Development, 2021.

The Vice Chancellor called upon The Controller of Examinations to present the agenda items. The agenda item with notes and decisions are as follows:

Item No.	Agenda with notes
AC.40/2021/ 2/1.1 Note	**Confirmation of the Minutes of the 39th meeting of the Academic Council held on 19th January 2021** The minutes of the meeting of the Academic Council have been circulated to all members for perusal and comments. No comment has been received. Submitted for perusal and consideration of confirmation of the minutes.
Decision	**Confirmed.**

AC.40/2020/ 2/1.2 Note	**Proposal for acceptance of the Action Taken Report on the Minutes of the 39th meeting of the Academic Council held on 19th January 2021** Action Taken Report on the decisions of 39th meeting of the Academic Council is placed at **Annexure -I, pp: 1-8** Submitted for perusal and consideration of acceptance.
Decision	Accepted.
AC.40/2020/ 2/1.3 Note	**Proposal for acceptance of the Minutes of the 69th meeting of the Research Committee held on 07 May 2021** The minutes of the 69th meeting of the Research Committee are placed at **Annexure -I I, pp: 9-22** Submitted for perusal and consideration of acceptance.
Decision	Accepted.

Items for approval (AC.40/2021/1/2):

AC.40/2021/ 2/2.1 Note	**Proposal of the MOOC courses of the Department of ECE** The School Board, School of Engineering recommended the proposal of the Department of ECE for offering the following MOOCs from the Autumn Semester 2021-22:

Sl. No.	Course code	Name of the Course	Credits(L-T-P-Cr)
1.	EC467	Introduction to Internet of Things	3-0-0-3
2.	EC468	Introduction to Machine Learning	3-0-0-3
3	EC469	Deep Learning	3-0-0-3
4	EC470	Artificial Intelligence search methods for problem solving	3-0-0-3
5	EC471	Design of Photovoltaic systems	3-0-0-3
6	EC472	Advanced linear Continuous Control	2-0-0-2
7	EC473	Introduction to Photonics	3-0-0-3
8	EC474	Mathematical Aspects of Biomedical Electronic System Design	3-0-0-3
9	EC475	Elective Vehicle and Renewable Energy	3-0-0-3

Annexure -III, pp: 23-36

Submitted for perusal and consideration of approval.

Decision	**Approved.**

AC.40/2021/ 2/2.2

Note

Proposal of the Department of Mathematical Sciences to offer 2(two) new courses for the Ph. D programme

The School Board, School of Sciences recommended the proposal of the Department of Mathematical Sciences to offer the following 2(two) new Elective courses of the Ph. D programme:

Course Code	Course name	L	T	P	CH	CR
MS774	Finite Fields-I	2	2	0	4	4
MS775	Finite Fields-II	2	2	0	4	4

Detailed syllabus and experts' comments are placed at **Annexure-IV, pp: 37-44**

Submitted for perusal and consideration of approval.

Decision

Approved.

AC.40/2021/ 1/2.3

Note

Proposal of the Department of Electrical Engineering to offer new courses

The School Board, School of Engineering recommended the proposal of the Department of Electrical Engineering to offer the following three (03) new courses from the Autumn Semester 2021 onwards:

Course Code	Course name	L	T	P	CR	CH	Course type
EE223	Analog Electronics Circuits	3	0	0	3	3	Core
EE224	Analog Electronics Circuits Laboratory	0	0	1	2	1	Core
EE225	Signals and Systems	3	0	0	3	3	Core

Detailed syllabi are placed at **Annexure -V, pp: 45-51**

Submitted for perusal and consideration of approval.

Decision

Approved as the courses are proposed as per AICTE course curriculums with a suggestion to seek help from the Department of ECE for teaching the above courses if the faculty members of the Department of EE are not specialized in these areas.

AC.40/2021/2/2.4

Note

Proposal for revising the syllabus of open elective course offered by the IPR Cell

The IPR Chair Professor has submitted the syllabus of the following course to be offered to the UG students by incorporating minor correction and course outcomes:

Course code	Name of the Course	L-T-P	Credit	Remark
IP 250	Fundamentals of Intellectual Property Rights	2-1-0	3	To be offered at UG level

Annexure -VI, pp: 52-56

Submitted for perusal and consideration of approval.

<table>
<tr><td>Decision</td><td>Approved.</td></tr>
<tr><td>AC.40/2021/ 2/2.5

Note</td><td>Proposal of the MOOC course for the Department of Commerce
The School Board, School of Management Sciences has recommended the proposal of the Department of Commerce for offering following MOOC of Swayam platform:
<table>
<tr><th>Sl. No.</th><th>Course code to be allocated</th><th>Name of the Course</th><th>Host Institution</th><th>Duration of Course</th><th>Credit to be accepted</th></tr>
<tr><td>1</td><td>IC 388</td><td>Basics of Digital Marketing</td><td>DAAV Indore</td><td>12 weeks</td><td>3</td></tr>
</table>
Annexure - VII, pp: 57-67
Submitted for perusal and consideration of approval.</td></tr>
<tr><td>Decision</td><td>Approved.</td></tr>
<tr><td>AC.40/2021/ 2/2.6

Note</td><td>Proposal for offering of NCC as Elective Course

In compliance to the UGC letter no. D.O. no 1-18/2019(CPP-II) dated 15th April 2021, Dr. Hitesh Sharma, Associate NCC Officer, submitted a proposal to offer a 3 credits NCC course as Open Elective for the first Semester Students and 24 credits as General Elective courses for those students who are willing to continue NCC in the next five semesters.
<table>
<tr><td colspan="5">COURSE DESIGN SUMMARY</td></tr>
<tr><td rowspan="2">Semester</td><td colspan="3">Credits Allocated</td><td rowspan="2">Total</td></tr>
<tr><td>Theory</td><td>Practical</td><td>Camp</td></tr>
<tr><td>Sem-I</td><td>2</td><td>1</td><td></td><td>3</td></tr>
<tr><td>Sem-II</td><td>2</td><td>1</td><td></td><td>3</td></tr>
<tr><td>Sem-III</td><td>1</td><td>1</td><td>4</td><td>6</td></tr>
<tr><td>Sem-IV</td><td>2</td><td>1</td><td></td><td>3</td></tr>
<tr><td>Sem-V</td><td>1</td><td>1</td><td>4</td><td>6</td></tr>
<tr><td>Sem-VI</td><td>2</td><td>1</td><td></td><td>3</td></tr>
<tr><td>Total</td><td>10</td><td>6</td><td>8</td><td>24</td></tr>
</table>
Open Elective Course:
<table>
<tr><td>Course code</td><td>Name of the Course</td><td>L-T-P-CH</td><td>Credit</td></tr>
<tr><td>NC 100</td><td>National cadet Corps</td><td>2-0-1-4</td><td>3</td></tr>
</table>
Details with the syllabus of the Open Elective are placed at Annexure -VIII, pp: 68-85

Submitted for perusal and consideration of approval.</td></tr>
<tr><td>Discussion</td><td>Approved that all students of first semester of UG programmes shall register either NCC or NSS. Those who opt for NCC, they</td></tr>
</table>

	must register the NCC course on NC 001 in the first semester as an open elective. These students may register other new NCC course in every subsequent semester as an Open Elective course. The teaching of the course and evaluation will be conducted in the University campus and the camp training will be arranged by NCC authority. **Dr. Hitesh Sharma, NCC Associate Officer will take necessary steps to communicate NCC authority for increasing the NCC seats from 60 to 150 so that maximum number of UG and PG students can take part in NCC as an Open elective course.** **The NSS Co-ordinator shall take necessary steps to increase the credit of the NSS course to make at par with the NCC.**
AC.40/2021/ 2/2.7 Note	**Proposal for establishing Centre for Yoga and Sport Sciences** A committee under the Chairmanship of Prof. Smriti Kumar Sinha was constituted to look into the feasibility for opening a **Centre for Yoga & Physical Education** in the University. The committee recommended for establishing the **Centre for Yoga & Sport Sciences under the School of sciences**. The committee also recommended for offering the following programmes and courses from the Centre: 1. Postgraduate Diploma in Yoga (PGDY), Total Credit-40 Duration: 2 semesters, Intake-15 Eligibility criteria: Bachelor's degree in any stream. 2. Postgraduate Diploma in Fitness Management (PGDFM), Total Credit-40 Duration-2 semesters, Intake-15 Eligibility criteria: Bachelor's degree in any stream 3. Courses: a. Yoga for Holistic Wellbeing (Open Elective)- (1-0-4,3) b. Health & Fitness (open Elective)- (2-0-1, 3) The committees have also proposed faculty position, Infrastructure, and budget provision for establishment of the Centre. Recommendations of the committee is placed at **Annexure - IX, pp: 86-146** Submitted for perusal and consideration of approval.
Discussion	**The Centre will offer Open Elective Courses on Yoga for Holistic Wellbeing & Health & Fitness for the time being. Dean SoE has reported that for the Open Elective courses expert's opinions were taken. However, for starting the other programmes by the Centre, the Registrar is requested to send a proposal to the UGC for faculty positions.**
Decision	**Approved in principle.**
AC.40/2021/ 2/2.8 Note	**Proposal for revision of curriculum structure of the MCA programme with a provision of bridge course** The School Board, School of Engineering has recommended the following proposals of the BoS, Department` of CSE to revise the

	curriculum structure and admission procedure for the MCA programme incorporating a provision of Bridge Courses for the candidates lacking sufficient UG level Computer Science/Information Technology background: i. Revised Curriculum structure of the MCA Programme incorporating the Bridge Courses of two semesters. ii. The total number of candidates admitted in the 2nd year MCA and 3rd year MCA (with 2-semesters bridge courses) together in a year will not exceed the overall yearly approved intake for the MCA programme. iii. The admission shall be based on the rank list prepared by the TUEE. The selected candidates with BCA/B. Sc (CS/IT) or equivalent degree will have to appear in a **competency tes**t on Computer Science knowledge. The candidates clearing the competency test will be allowed to take admission in the 2-year MCA programme. Candidates not clearing the competency test and candidate without BCA/B. Sc(CS/IT) or equivalent degree will be admitted only in the 2-year MCA programme with Bridge course. iv. Mandatory Non-credit courses will be offered during the bridge course. v. Minimum credit requirement for award of degree is 80. This is proposed to be implemented with effect from the Academic session 2021-22. Approved intake will remain unchanged i.e. 56. **Annexure-X. pp: 147-160** Submitted for perusal and consideration of approval.
Decision	**Approved with a suggestion that** **1. The programme duration will be 2- year.** **2. Candidates who are selected for 2-year MCA programme without Computer Science background will have to undergo one year bridge course and they will attend the classes, after completion of bridge course, with next batch of students who have cleared the competency test.** **3. Instead of non-credit course in the bridge course, credit be assigned to the courses and considered as Audit courses. Revised syllabus be submitted for approval of the Vice Chancellor.** **4. The bridge course completed by the students may be shown in the grade cards and Transcript.** **5. The competency test should be held within 15 days from the date of selection.**

AC.40/2021/2/2.9 Note	**Proposal for revision of eligibility criteria for admission to Ph.D in Mechanical Engineering from the next Academic session** The School Board, School of Engineering has recommended the proposal of the Head, Department` of ME to revise the eligibility criteria for admission in Ph.D programme w.e.f the Academic Session 2022-23 **Existing eligibility criteria:** M. E. /M. Tech./M. Sc. (Engg.) Degree in Mechanical Engg. or in any other relevant engineering branch Or, B.E./B. Tech Degree with 75% marks in aggregate or equivalent CGPA with a valid GATE Score. Minimum two recommendation Letters from the Institute/University from where B.E./B. Tech Degree was obtained. **Revised eligibility criteria**: (1) M. E./M. Tech. /M. Sc. (Engg.) Degree in Mechanical Engg. or in any other relevant engineering branches including Chemical Engineering and Materials Science & Engineering. Or, (2) M. Sc Degree in any relevant discipline with CSIR-UGC JRF/NET qualified certificate or a valid GATE score. Candidates other than those with M. Sc. Mathematics must have studied Mathematics up to BSc level . Or, (3) B. E./B. Tech Degree with 75% marks in aggregate or equivalent CGPA with valid GATE Score. Minimum two recommendation Letters from the Institute/ University from where B.E./B. Tech Degree was obtained. **Annexure -XI, pp: 161-162** Submitted for perusal and consideration of approval.
Decision	**Approved with a suggestion that the appropriate PhD courses be offered to the students with non-Mechanical background.**
AC.40/2021/2/2.10 Note	**Proposal of 'Transdisciplinary Internship Programme under UGC-STRIDE Component- I** Dr. Mridul Dutta, Asstt. Professor, Dept. of B. Admin. has submitted a proposal to start a 'Transdisciplinary Internship Programme'(TIP) under UGC STRIDE programme within the University for transdisciplinary research collaboration between the schools. The objective of the programme is to support transdisciplinary research in the identified project objectives of UGC-STRIDE Component-I. The title of the project is Revising Cultural Artefact Gamosa through Intellectual Property Management in Assam and Innovation Supply Chain. The project proposal is placed at **Annexure -XII, pp: 163-171** Submitted for perusal and consideration of approval please.

Decision	**Approved in principle with a suggestion that the fund should not be deviated from the Sanctioned Heads. Dean R&D is authorised to approve the proposal if the proposal is in order.**
AC.40/2021/2/2.11 Note	**Proposal to revise the course structure with new course codes of the Integrated M.Sc in Bioscience & Bioinformatics programme for the continuing batch of students** The School Board, School of Sciences has recommended the proposal of the Department of MBBT to revise the Course Structure with new course codes and minor change in the syllabi of the Integrated M. Sc in the Bio Science & Bio Informatics programme:

Old course code	Name of the course	New course code	L-T-P	CH	CR
BI 323	Developmental Biology	BI 337	3-1-0	4	4
BI 327	Bio programming & Biostatics	BI 339	2-0-1	4	3
BI 337	Immunology-I	BI 341	2-1-0	3	3
BI 339	Computational Biology	BI 343	2-1-0	3	3
BI 333	Bio Lab VI	BI 345	0-0-3	6	3
BI 341	Bio Lab VII	BI 347	0-0-3	6	3

Detailed syllabi placed **Annexure- XIII, pp: 172-224**

Submitted for perusal and consideration of approval.

Decision	**Approved.**
AC.40/2021/2/2.12 Note	**Revised syllabi of Different programmes with Programme Outcomes, Course outcomes and mapping with POs** Different Departments have submitted the revised syllabi of the Programmes offered by them along with Programme Outcome, and course Objective/Outcome along with revised syllabi • Department of Education 1. Ph. D. programme 2. Two-Year B. Ed programme 3. M. A. in Education • Dept. of Assamese (New) 4. M. A. in Assamese programme • Dept. of Law 5. Master of Laws (LLM) programme with two Open elective courses (i) LW415 Human rights issues and Law (ii) LW416 Laws relating to Right to Information • Dept. of sociology 6. Ph. D. programme 7. M. A. in Sociology programme • Dept. of Social Work

	8. Ph. D. programme 9. M. A. in Social work • Dept. of MCJ 10. MA in MCJ programme 11. MA in Communication for Development 12. Ph. D. in MCJ programme • Department of English 13. Integrated MA in English (BA Honours) 14. M. A. in English 15. M. A. in Linguistics and Language Technology 16. Ph. D. in English • Department of Foreign Language 17. One year certificate course in Chinese programme 18. Basic Chinese -I & II 19. Basic German I & II • Department of Cultural Studies 20. M. A. in Cultural Studies(Modular) with one B. Tech course on CT 465 at page no. 47). 21. Ph. D. in Cultural Studies • Department of Hindi 22. M. A. in Hindi programme 23. PG Diploma in Translation in Hindi • Centre for Inclusive Development 24. P.G. Diploma in Child Rights & Governance • Department of Chemical Sciences 25. B. Sc. B. Ed (Chemistry) 26. Integrated M. Sc in Chemistry 27. M. Sc in Chemistry 28. Ph. D. in Chemistry • Department of Molecular Biology and Biotechnology 29. Integrated M. Sc in Life sciences 30. M. Sc in MBBT 31. Ph. D. in MBBT • Department of Environmental Science. 32. M. Sc. in Environmental Science 33. Ph. D. in Environmental Science • Department of Physics 34. M.Sc. in Physics 35. Integrated M. Sc. in Physics 36. Integrated B. Sc. B. Ed (physics) 37. Open Elective (i) PH600: Introduction to Cosmos (ii) PH602: History of Physics • Department of Mathematical Sciences 38. M. Sc in Mathematics 39. Integrated M. Sc in Mathematics 40. Integrated B.Sc. B. Ed in Mathematics • Department of Business Administration 41. Master of Business Administration 42. Master of Tourism and Travel Management (MTTM) 43. MBA(Executive) • Department of Commerce 44. Integrated M. Com 45. Ph. D. programme

	• Department of Applied Sciences 46. Physics 47. Mathematical Science 48. Chemical Science • Department of Electrical Engineering 49. B. Tech in Electrical Engineering • Department of Food Engineering and Technology 50. M. Tech in food Engineering and Technology 51. B. Tech in Food Engineering and Technology Most of the Syllabi with POs and COs were submitted in earlier Meeting of Academic Council held on 2nd September 2020 which were approved in principle with a suggestion to further verification of Programme Outcomes and Course Outcomes by a committee. The suggestions of the committee incorporated in the POs and COs by the Departments. The revised syllabi are recommended by the concerned School Boards. Submitted for perusal and consideration of approval.
Decision	**Approved. However, the course codes of some courses of LLM and MA in Education programmes be changed to avoid overlapping with the codes of Pre-revised syllabus.**

Items for Ratification

AC.40/2021/2/3.1 Note	**Proposal of Adoption of 'Good Academic Research Practices (GARP)'** In compliance with the UGC letter No.1-25/2019(QIP) (Good Research Practices in HEIs) dated -28.10.2020 to promote the academic Integrity, the University has decided to adopt Good Academic Research Practices (GARP) prescribed in the document released on 29.09.2020 at www.ugc.ac.in to foster a sound foundation of research culture and integrity in the daily practice of every researcher. Subject to the ratification by the Academic Council, the Vice Chancellor has accorded approval for adoption of Good Academic Research Practices (GARP). **Annexure -XIV, pp:225-227** Submitted for perusal and consideration of ratification.
Decision	**Ratified with an advice to all the faculty members to go through this document and follow the rules.**
AC.40/2021/2/3.2 Note	**Proposal for revision of eligibility criteria for admission to Int. B. Sc. B. Ed. in Chemistry programme.** The School Board, School of Sciences, recommended the proposal of the Department of Chemical Sciences to revise the eligibility criteria for admission to Int. B.Sc. B. Ed in Chemistry programme with effect from Academic Session 2021-22.

	Existing eligibility criteria: 10+2 Standard Pass in Science stream with minimum 60% aggregate marks **Revised Eligibility criteria**: 10+2 Standard Pass in Science stream with minimum 60% aggregate marks in Physics, Chemistry & Mathematics. Subject to the ratification by the Academic Council, the Vice Chancellor has accorded approval. **Annexure-XV, pp:228-229** Submitted for perusal and consideration of ratification.
Decision	Ratified.
AC.40/2021/2/3.3 Note	**Revised eligibility criteria for admission in Lateral Entry in B. Tech Food Engineering and Technology** The School Board, School of Engineering has recommended the proposal of the Department` of FET to revise the eligibility criteria to B. Tech in Food Engineering and Technology from the Academic Session 2021-22: **Existing eligibility criteria:** Diploma in Food Engineering and Technology or Allied subjects from an AICTE approved program. Duration of Diploma must be: 03 years after 10th standard (Matriculation) in conventional system or 04 years after 10th standard (Matriculation) in modular system. The Candidate must have passed 10th (Matriculation) with 60% marks in aggregate and must have secured 60% marks in Mathematics, as well as must have a minimum aggregate of 70% marks at Diploma level. **Revised Eligibility:** Diploma in Food Engineering and Technology or Allied subjects from an AICTE approved program. Duration of Diploma must be: 02 Years Diploma after 10+2 OR 03 years after 10th (Matriculation) in conventional system OR 04 years after 10th (Matriculation) in modular system. The Candidate must have passed 10th (Matriculation) with 60% marks in aggregate and must have secured 60% marks in Mathematics, as well as must have a minimum aggregate of 70% marks at Diploma level. **Annexure -XVI, pp: 230-233** Subject to ratification by the AC, the revised eligibility criteria is included in the prospectus with approval of the Vice-Chancellor. Submitted for perusal and consideration of ratification.
Decision	**Ratified. However, the minimum percentage of aggregate marks at Diploma level be reduced 70% to 60%.**
AC.40/2021/2/3.4 Note	**Revised eligibility criteria of admission to M. Tech in Food Engineering Technology programme** The School Board, School of Engineering has recommended the proposal of the Department` of FET to revise the eligibility criteria for admission to M. Tech. in FET programme from the academic session 2021-22:

	Revised eligibility criteria for admission to M. Tech. in FET programme through TUEE: B.E./B.Tech. /M.Sc. in Food Engineering and/or Technology/ Agricultural Engineering/ Chemical Engineering and/or Technology/ Dairy Engineering and/or Technology with minimum 50% aggregate marks. Also, candidates must have Mathematics at 10+2 Standard with minimum 50% marks or as a subsidiary Subject in the specified Degree Programmes. ***Revised criteria for direct admission through GATE:*** "Candidates having valid GATE score in the eligible disciplines will be considered against the GATE seats for direct admission with GATE fellowship from AICTE. GATE seats remaining vacant will be filled up through TUEE merit list." **Annexure -XVII, pp: 234-238** Submitted for perusal and ratification.
Decision	**Ratified.**
AC.40/2021/2/3.5 Note	**Proposal to start Ph.D. programme in the Department of Applied Sciences progr** The School Board, School of Engineering has recommended the propo Applied Sciences to start Ph. D programmes in Physics, Mathematical Chemical Sciences from the academic Session 2021-22. The proposal along with the pre-requisites are given below:

Pre-requisites

Branch	Pre-requisite
Physics	M.Sc./Integrated M.Sc. in Physics/ Astrophysics/ Electronics/ Geophysics/ Material Science/ Applied Mathematics/ Nanoscience and Technology/ Biotechnology/ Environmental Science and Chemical Science. **OR** M.Phil., M. Tech. in Solid State Material/ Material Science/ Electronics/ Energy/ Nanoscience and Technology/ Biotechnology/ Environmental Science and Chemical Sciences. **OR** M.S Astronomy and Astrophysics. **OR** B.Tech. in Engineering Physics with 80% marks in aggregate or equivalent CGPA.
Mathematical Sciences	M.Sc./M.A./M.E./M. Tech. /MS/BS-MS/Integrated M.Sc. Degree in Mathematics/Statistics/Engineering Mathematics/ Mathematics and Computing/ Applied Mathematics/ Operations Research/ Mechanical Engg. / Industrial Engineering/ Computer Science and Engineering/

		Information Technology/any allied subject with 55% marks in aggregate or equivalent CGPA. **OR** B.Tech. in Mathematics and Computing/any allied subjects with 75% marks in aggregate or equivalent CGPA with a valid GATE Score. Minimum two recommendation Letters from the Institute/ University from where B.E./B. Tech degree was obtained.
	Chemical Sciences	M. Sc in Chemistry/ Chemical Sciences/ Polymer Chemistry/ Polymer Science/ Physics/ Nano Science/ Material Science/ Environmental Science or allied subjects **OR** M.E./M. Tech in allied subjects (Chemical Engineering/ Polymer Technology/ Material Sciences/ Environmental Engineering/ Energy etc.)

Details including syllabi of the courses are placed at **Annexure -XVIII, pp:239-261**

The department proposed to adopt some courses of the department of Physics, Chemical Science & Maths which are already approved.

Subject to the ratification by the Academic Council, the Vice-Chancellor has accorded approval for starting the program w.e.f. academic session 2021-22.

Submitted for perusal and consideration of ratification.

Decision

Ratified with a suggestion that the course 'Ethics in Research' be re-named as 'Research and Publication Ethics' with code RP799.

The list of textbooks and reference books be corrected as per the standard format and also expert comments be incorporated in some courses.

AC.40/2021/2/3.6
Note

Proposal for consideration of MOOCS, Core and elective Courses to be offered by the School of Engineering:

The School Board, School of Engineering has recommended the following MOOCS/Core/Elective courses offered by the concerned departments in the Spring 2021:

Department	Course Code	Name	L	T	P	CR	Course Type
ECE	EC 450	Mathematical Methods and Techniques in Signal Processing	3	0	0	3	MOOC
	EC 451	Spread Spectrum Communication & Training	3	0	0	3	MOOC

	EC 453	Microwave Integrated Circuits	2	0	0	2	MOOC
	EC 455	A brief introduction of micro sensors	1	0	0	1	MOOC
	EC 457	Biomedical Signal processing	3	0	0	3	MOOC
	EC 424	Antennas	3	0	0	3	MOOC
Electrical Engineering	EE221	Microprocessor (Core)	3	0	0	3	Core
	EE212	Microprocessor laboratory (Core)	0	0	1	1	Core
	EE616	Nonlinear System Analysis	3	0	0	3	MOOC
	EE615	Optical fibre sensors	3	0	0	3	MOOC
Mechanical Engineering	ME422	Internal Combustion Engines	3	0	0	3	Elective
	ME467	Carbon Materials & Manufacturing	3	0	0	3	MOOC
	ME470	Computer aided Applied Single Objective optimization	3	0	0	3	MOOC
	ME468	Computer Integrated Manufacturing	3	0	0	3	MOOC
	ME472	Entrepreneurship Essential	3	0	0	3	MOOC
	ME469	Industrial Automation & Control	3	0	0	3	MOOC

Subject to the ratification by the Academic Council, the Vice-Chancellor has accorded approval for implementation.

Annexure -XIX, pp:262-299

Submitted for perusal and consideration of ratification.

Decision	**Ratified.**
AC.40/2021/2/3.7 Note	**Proposal for establishing Centre for Multidisciplinary Research** The University has appointed Prof. R.C. Deka, Professor of the Department of Chemical Sciences as Director, Centre for Multi-Disciplinary Research. The Centre will offer Ph. D programme with an intake of 10 from the Academic session 2021-22. The pre-requisites for admission are as follows:

	Master's degree in any disciplines with minimum 55 % or equivalent grade from a recognised university in India or equivalent degree from abroad with a good academic career. Candidates with GATE/UGC/CSIR JRF, UGC/ CSIR NET or NE SET will be given preference. B. Tech./ B.E. with minimum **75%** or equivalent grade will also be considered eligible for Ph.D. For candidates having more than 10 years of industrial experience, the minimum marks may be relaxed. The proposed name of the degree will be "Ph.D. in Multidisciplinary Research". International students may be admitted through the International Office, Tezpur University. Subject to ratification by the AC, applications for admission to the programme have been invited from the eligible candidates with approval of the Vice- Chancellor. **Details of the proposal are placed at Annexure -XX, pp: 300-305** Submitted for perusal and consideration of ratification.
Discussion	**The Vice Chancellor urged upon all the members to take approval from the competent authority before putting anything in the public domain.**
Decision	**Ratified. The council also resolved the following:** **1.There will be an advisory committee with all Deans as members, PVC will be the Chairperson and the Director will be member secretary. The Advisory Committee will act as Centre's Research Committee (CRC).** **2. B.E./B.Tech candidates with minimum 75% of marks or equivalent grade, in place of 80% marks or equivalent grade, will be eligible to apply for the PhD programme.** **3. The advisory Committee will look in to the matter of placing the Centre in a particular School or otherwise.**
AC.40/2021/2/3.8 Note	**Academic Calendar for Autumn Semester, 2021** The committee constituted for preparation of Academic Calendar (Autumn Semester),2021 under the Chairmanship Prof. Nityananda Sharma revised the Academic Calendar for the continuing students for the Autumn Semester (August 2021-December 2021). Considering the Covid 19 pandemic, the recommended Academic Calendar and the approach note has been notified after approval of the Vice Chancellor. **Annexure -XXI, pp: 306-311** Submitted for perusal and consideration of ratification.
Decision	**Ratified.**

	AOB
AC.40/2021/2/4.1 Note	**Modification in the names of the programmes offered by under CDOE** The School Boards of Humanities and Social Sciences, Management Sciences and Sciences have recommended the proposal of the Centre for Distance and Online Education for changing the names of the following programmes from one-year "Post Graduate Diploma" to one-year "Diploma" in view of the requirements laid down under the newly notified UGC (ODL) Regulations 2020: **Sl No** / **Code** / **Proposed Programme name** 1 / DIPHRD / Diploma in Human Resource Management 2 / DIPCRGD / Diploma in Child Rights and Governance 3 / DIPEVMD / Diploma in Environmental and Disaster Management **Annexure -XXI, pp: 312-317** Submitted for perusal and consideration for approval.
Decision	**Ratified.**
AC.40/2021/2/4.2 Note	**Proposal for new learner Centres for CDOE** Approval for establishment of **New Learner Support Centres** for the Centre for Distance and Online Education, Tezpur University, in Government Higher Educational Institutions (HEIs) across Assam. A list of eleven (11) HEIs who have applied for Learners Support centers is enclosed. **Annexure -XXII, pp: 318-319** Submitted for perusal and consideration for approval.
Decision	**Ratified.**
AC.40/2021/2/4.3 Note	**Signing of MoU with State Institute of Panchayat and Rural Development (SIPRD)** The University has signed an MoU with State Institute of Panchayat and Rural Development (SIPRD) for launching ***One Year Diploma in Panchayati Raj and Rural Development*** **programme** to be offered by Centre for Distance and Online Education in collaboration with State Institute of Panchayat and Rural Development (SIPRD), Govt. of Assam. General Financial terms and conditions are included in the MOU. A copy of the MoU is enclosed. **Annexure -XXII, pp: 320-325** Submitted for perusal and consideration for ratification.

Decision	**Ratified with a suggestion that the Diploma be a two-semester programme in the modular format, i.e., a student who successfully completes one semester (six months) and he/she decides to discontinue then he/she be awarded a Certificate and those successfully completing two semesters (one year) be awarded a Diploma.**
AC.40/2021/2/4.4 Note	**Consideration of syllabus of an elective course titled "CO 519 Internet of Things" for B.Tech (CSE)** The School Board, School of Engineering has recommended the syllabus of an elective course "CO 519 Internet of Things (3-0-1, Cr 4)" for offering to the students of B. Tech programme. The content of the syllabus is as per the AICTE model curriculum. **Annexure -XXIII, pp: 326-331** Submitted for perusal and consideration for approval.
Decision	**Approved with a suggestion that initially the course be offered to the B.Tech students, however, the course may be offered to the students of other schools also as interdisciplinary or as an open elective course.**
AC.40/2021/2/4.5 Note	**(i) Academic Bank of Credits and (ii) Provisions for multiple Entry and Exit in the Academic regulations for various programmes of studies** **(i) The University Grants Commission has notified in the Gazette notification on "Establishment and Operation of Academic Bank of Credits in Higher Education Regulations, 2021."** Academic Bank of Credits (ABC) platform has been developed by National e-Governance Division (NeGD) of Ministry of Electronics and Information Technology (MeitY) under Digilocker Framework, with the facility/functionality of opening of Academic Account by the student and on-boarding of eligible HEIs. ABC will digitally store the academic credits earned by students from HEIs registered with ABC, for awarding degrees/diploma/PG diploma/certificates taking into account credits earned by students. ABC will ensure the opening, closure and validation of Academic bank Accounts, credit verification, credit accumulation, and credit transfer or redemption for students. Tezpur University has registered for the ABC through the Digilocker framework, and the storing of the Degrees, Diplomas and certificates are in process. **(ii)** As per NEP -2020, the Academic Programmes are required to have of multiple Entry and Exit provisions. The Regulation of Academic matters of the University may be modified to incorporate the provision of multiple Entry and Exit as per NEP-2020. **Annexure -XXIV, pp: 332 – 341.**

	Submitted for perusal, discussion, and consideration for approval.
Discussion	**As per the NEP-2020 guidelines, TU will be adopting multiple entry and multiple exit provisions, provided the students fulfils requirement of requisite number of credits. As per the NEP-2020 policy, the university is planning to introduce 4 year by research UG programme where the last year will be research only. The students pass out will pursue only one year Master programme. The Vice Chancellor has informed that the UGC is in the process of framing the guideline on multiple entry and multiple exit under the provision of Academic Bank of Credits.**
Decision	**Approved for implementation from next Academic Year provided the guideline on lateral entry and lateral exit is received from UGC.**
AC.40/2021/2/4.6 Note	**Tezpur University Policy for actions towards attaining Sustainable Development Goals (SDGs)** A committee under the Chairmanship of Prof. D.C Baruah framed a policy for actions towards attaining SDGs by 2030. The detailed Policy is placed at **Annexure -XXV.**
Discussion	**The Vice Chancellor suggested to send the policy to all the members for their suggestions to incorporate in the policy, if any, within one week.**
Decision	**Approved.**
AC.40/2021/2/4.7 Note	**Proposal for Seed Money for new faculty members** Dean Academic Affairs placed a Guideline on grant of Seed Money to the new faculty members as initial grant for starting Research Project in the University.
Decision	**In principle approved. However, the quantum of funding will have to be decided in consultation with finance officer.**

As there was no any other business, the meeting ended with Vote of thanks to and from the Chair.

20/10/21

(Dr. L. Boral)
Controller of Examinations
& Member Secretary

27/10/21

(Prof. V.K. Jain)
Vice Chancellor &
Chairman of the Academic council