

# TEZPUR UNIVERSITY

## MINUTES OF THE 26th MEETING OF THE ACADEMIC COUNCIL HELD ON 13<sup>th</sup> May, 2016 IN THE COUNCIL HALL OF TEZPUR UNIVERSITY

### Members present:

- |   |                   |
|---|-------------------|
| 1. Prof. Manabendra Bhuyan, Pro Vice-Chancellor | :Chairman         |
| 2. Prof. D. K. Bhattacharyya                    | :Member           |
| 3. Prof. B. Baruah,                             | :Member           |
| 4. Prof. S. Satya, .                            | :Member           |
| 5. Prof. P.J Mahanta                            | :Member           |
| 6. Prof. A Kumar                                | :Member           |
| 7. Prof. C.L Mahanta                            | :Member           |
| 8. Prof. D.C Baruah                             | :Member           |
| 9. Prof. A.K Mukherjee                          | :Member           |
| 10. Prof. Mrinmoy Kr Sarma                      | :Member           |
| 11. Prof. Nasreen S.Islam                       | :Member           |
| 12. Dr. D.P Nath                                | :Member           |
| 13. Prof. Debabrata Das                         | :Member           |
| 14. Dr. Bhim Pd. Sarmah                         | :Member           |
| 15. Prof. S.K Dutta                             | :Member           |
| 16. Dr. K. Kikhi                                | :Member           |
| 17. Prof S.M Hazarika                           | :Member           |
| 18. Prof. S Battacharyya                        | :Member           |
| 19. Dr. S.K Ray                                 | :Member           |
| 20. Dr. G.A Ahmed                               | :Member           |
| 21. Dr. Apurba Das                              | :Member           |
| 22. Dr. Monoj Kr Hazarika                       | :Member           |
| 23. Prof. D.Deka                                | :Member           |
| 24. Prof. R.C Deka                              | :Member           |
| 25. Dr. Tapan Kr Gogoi                          | :Member           |
| 26. Dr. Utpal K. Das                            | :Member           |
| 27. Dr. Abhijit Bora                            | :Member           |
| 28. Dr. Anjali Sharma                           | :Member           |
| 29. Dr. Suryakant Tripathi                      | :Member           |
| 30. Prof. Nityananda Sarma                      | :Member           |
| 31. Dr. Sarat Saharia                           | :Member           |
| 32. Dr. Jaya Chakraborty                        | :Member           |
| 33. Prof. K.K Baruah                            | : Special Invitee |
| 34. Prof. K.P Sarma                             | : Special Invitee |
| 35. Prof.J.K Sharma                             | : Special Invitee |
| 36. Prof. N.S Bhattacharyya                     | : Special Invitee |
| 37. Prof. N .Karak                              | : Special Invitee |
| 38. Prof. T.K Maji                              | : Special Invitee |
| 39. Prof. Mumun Hazarika                        | : Special Invitee |
| 40. Prof. Nayandeep Deka Borua                  | : Special Invitee |
| 41. Prof. M Dutta                               | : Special Invitee |
| 42. Prof. S.K Sinha                             | : Special Invitee |

43. Prof. Utpal Sharma	: Special Invitee
44. Prof. Chandana Goswami	: Special Invitee
45. Prof. Papari Baruah	: Special Invitee
46. Prof. Chandan Goswami	: Special Invitee
47. Prof. P.P Sahu	: Special Invitee
48. Prof. S.C Deka	: Special Invitee
49. Prof. P.K Das	: Special Invitee
50. Prof. M.M Sharma	: Special Invitee
51. Prof. A.K Nath	: Special Invitee
52. Prof. Chandan Kr Sharma	: Special Invitee
53. Dr. Ranjan Tamuli	: Special Invitee
54. Dr. M. Saikia	: Member
55. Dr. S. Kakoty	: Special Invitee
56. Dr. R.K Doley	: Special Invitee
57. Prof. R.S Sirohi	: Special Invitee
58. Prof. M.L Kalam	: Special Invitee
59. Prof. P. Ganguli	: Special Invitee
60. Ms. Sumita Dutta	: Special Invitee
61. Ms. Nazmin Ahmed	: Special Invitee
62. Mr. Anukul Baishya	: Special Invitee
63. Dr. Ruli Bora	: Special Invitee
64. Prof. S.K Behera	: Sp. Invitee
65. Dr. Biren Das	: Registrar
66. Dr. L Boral	: Ex-officio Secretary

The Pro Vice Chancellor chaired the meeting. He informed that the Vice Chancellor could not attend the meeting as he has to go to UGC to attend another meeting. The Pro Vice Chancellor welcomed all the members particularly the external members - Prof. Santosh Satya and Prof. B. Baruah. Prof D. K. Bhattacharyya, Dean Academic Affairs felicitated Prof. Satya , the UGC nominee, with a *challeng chadar* and a flower bouquet .

The Pro Vice Chancellor highlighted recent achievements of Tezpur University particularly for the information of the external members. He informed that the University has been awarded the "Best University" award 2016 by the Visitor. The University has also been adjudged 5th rank among the India's top 100 universities by the Ministry of Human Resource Development (MHRD), Government of India, through the National Institutional Ranking Framework (NIRF). He also informed that the NAAC Peer Team would be visiting the University during 16<sup>th</sup> May, 2016 to 19<sup>th</sup> May, 2016 for National Accreditation and conveyed best wishes to the Tezpur University fraternity. Further, he informed the House that the 13<sup>th</sup> Convocation of the University will be held on 25<sup>th</sup> June, 2016.

The Pro Vice Chancellor also informed that four out of five B. Tech programmes viz., Computer Science and Engineering, Mechanical Engineering, Electronics Communication and Engineering and Food Engineering and Technology have received the accreditation of National Board of Accreditation provisionally for two years. In this regard, he congratulated Prof. P. P. Sahu, Department of Electronics Communication and Engineering who successfully coordinated the NBA team.

The Pro Vice Chancellor called upon the Controller of Examinations to present the items of the agenda. Dr. L. Boral, Controller of Examinations, presented the agenda items for consideration of the house. The discussions and decisions are as follows:

Item No.	Agenda with notes
AC.26/2016/1/1.1	<b>Confirmation of the minutes of the 25<sup>th</sup> meeting of the Academic Council held on 18<sup>th</sup> November, 2015</b>
Note	The minutes of the 25 <sup>th</sup> meeting of the Academic Council were circulated to all members for perusal and comments.  <i>No comment has been received.</i>  Submitted for confirmation of the minutes.
Decision	Confirmed.
AC.26/2016/1/1.2	<b>To consider and accept the Action Taken Report on the minutes of the 25<sup>th</sup> meeting of the Academic Council</b>
Note	Action Taken Report on the 25 <sup>th</sup> meeting of the Academic Council is placed at <b>Annexure – I, pp: i –xi.</b>  Submitted for perusal and acceptance.
Decision	Accepted.

#### Items for approval (AC.26/2016/1/2)

Item No.	Agenda with notes
AC.26/2016/1/2.1	<b>List of eligible candidates for award of degrees, diplomas and Gold medals in the 13<sup>th</sup> Convocation</b>
Note	<ol style="list-style-type: none"> <li>1. A total of 1029 candidates are eligible for award of Degrees and Diplomas including 24 candidates of MA (7nos.) and PG Diploma (17nos.) under Open Distance Learning Mode.</li> <li>2. Twenty eight (28) candidates have qualified for the Gold Medal for securing highest CGPA in the respective programmes in the year 2015.</li> <li>3. Mr. Subhasish Dutta of B. Tech in Electronics and Communication Engineering and Ms. Monisha Devi of M. Tech in IT programmes have been adjudged the Best Graduate and Best Postgraduate, respectively, for the year 2015.</li> </ol> <p style="text-align: right;"><b>( Annexure-II, pp: 1-38)</b></p> Submitted for perusal and consideration of approval.
Discussion	Controller of Examinations informed that the toppers of some programmes Viz, MA in Hindi, MA in Linguistics and Language Technology and MA in English, could not qualify for the Gold medal due to non fulfillment of required CGPA criteria. External members opined that all the toppers should get gold medals and suggested for formation of separate criteria for the programmes offered under School of HSS.
Decision	Approved with following suggestions: <ol style="list-style-type: none"> <li>1. The additional list of eligible candidates who become eligible for award of the PhD degree till the penultimate day of the convocation be placed in the next meeting of the Board of Management for approval.</li> </ol>

	2. The criteria for award of gold medal to the toppers be reviewed by the Deans Committee.						
AC.26/2016/1/2.2  Note	<p><b>New elective courses for the Ph. D. programmes in the Department of Energy and CSE</b></p> <p>The School Board, School of Engineering has recommended the proposals of BOS, Departments of Energy and CSE for introduction of the following elective courses for the Ph.D programmes:</p> <table border="1"> <thead> <tr> <th>Course Code</th> <th>Course Title (L-T-P-CR)</th> </tr> </thead> <tbody> <tr> <td>EN722</td> <td>Energy System Modeling &amp; Solution through Numerical Technique (3-1-0-4)</td> </tr> <tr> <td>CS732</td> <td>Topics on Cognitive Radio and Networks(4-0-0-4)</td> </tr> </tbody> </table> <p>The course "Topics on Cognitive Radio and Networks" (4-0-0-4) will also be offered for M. Tech in IT with course code CS637. The respective Departments have incorporated the suggestions/ comments of the subject experts in the syllabus.</p> <p>The detailed syllabus is placed at <b>Annexure- III, pp: 39-55.</b></p> <p>Submitted for perusal and consideration of approval.</p>	Course Code	Course Title (L-T-P-CR)	EN722	Energy System Modeling & Solution through Numerical Technique (3-1-0-4)	CS732	Topics on Cognitive Radio and Networks(4-0-0-4)
Course Code	Course Title (L-T-P-CR)						
EN722	Energy System Modeling & Solution through Numerical Technique (3-1-0-4)						
CS732	Topics on Cognitive Radio and Networks(4-0-0-4)						
Decision	<b>Approved with a suggestion that the code CS637 be assigned for both M.Tech. (IT) and PhD programme instead of two codes for "Topics on Cognitive Radio and Networks".</b>						
AC.26/2016/1/2.3  Note	<p><b>i) Revised syllabi of B.Tech in Mechanical Engineering</b> <b>ii) New Syllabi for the elective courses for B.Tech in Mechanical Engineering.</b> <b>iii) Proposal for offering new specialization of Thermo Fluid Engineering in M.Tech in Mechanical Engg. Programme</b></p> <p>The School Board, School of Engineering has recommended revised/new syllabi of the B.Tech in <b>Mechanical Engineering</b> proposed by the BOS, Department of Mechanical Engineering w.e.f. the academic year 2016-17:</p> <p><b>Revised syllabi of B.Tech in Mechanical Engineering (pp: 56-92)</b></p> <ul style="list-style-type: none"> <li>• Revision of the syllabi has been made in the line of AICTE guidelines</li> <li>• Maximum credit to be completed for award of the degree has been raised from 177 to 181</li> <li>• Comments of the experts have been incorporated in the syllabi.</li> </ul> <p><b>Syllabi for new elective courses for B.Tech in Mechanical Engineering (pp: 93-96)</b></p> <ul style="list-style-type: none"> <li>• ME 434 Composite Materials (3-0-0,Credit 3)</li> <li>• ME441 Elements of Computational Fluid Dynamics (3-0-0,Credit 3)</li> <li>• The Department has incorporated the suggestions/ comments of the subject experts in the syllabus.</li> </ul> <p>These two courses have been offered by the department in the current semester.</p> <p><b>Proposal for offering a new specialization of Thermo Fluid Engineering in M.Tech in Mechanical Engg programme (pp: 97-117)</b></p> <ul style="list-style-type: none"> <li>• Existing Specialization of the M.Tech programme is Applied Mechanics</li> </ul>						

	<ul style="list-style-type: none"> <li>• There will not be any change in the intake of the programme. Existing intake is 18.</li> <li>• "BE/B.Tech in Energy and Power Engg" has been added in the existing eligibility criteria for new specialization.</li> <li>• The Department has incorporated the suggestions/ comments of the subject experts in the syllabus.</li> </ul> <p style="text-align: right;">(Annexure – IV, pp: 56- 117)</p> <p>Submitted for perusal and consideration of approval.</p>
<b>Decision</b>	<b>Approved with a suggestion that new edition books be incorporated in the syllabi.</b>
<b>AC.26/2016/1/2.4 Note</b>	<p><b>Syllabi of Master of Tourism and Travel Management offered by the Department of Business Administration</b></p> <p>The School Board, School of Management Sciences has recommended the syllabi of Master of Tourism and Travel Management for third and fourth semesters proposed by the BOS, Department of Business Administration. The syllabi of first and second semesters have already been approved by the 25<sup>th</sup> meeting of the Academic Council.</p> <p>The Department has incorporated the suggestions/ comments of the subject experts in the syllabus.</p> <p style="text-align: right;">( Annexure- V, pp:118- 141)</p> <p>Submitted for perusal and consideration of approval.</p>
<b>Decision</b>	<b>Approved.</b>
<b>AC.26/2016/1/2.5 Note</b>	<p><b>Syllabi of PG Diploma in Child Rights and Governance to be offered by the Centre for Inclusive Development</b></p> <p>Centre for Inclusive Development has submitted a proposal for introduction of a PG Diploma programme in Child Rights and Governance in collaboration with UNICEF w.e.f the academic year 2016-17.</p> <p>In this matter a joint meeting of Tezpur University and UNICEF was held on 18.5.2015 where both the organizations mutually agreed to run the programme through the Centre for Inclusive Development. Subsequently, a Brain Storming session was held on 24<sup>th</sup> &amp; 25<sup>th</sup> August, 2015 with domain experts from National University of Juridical Sciences, Kolkata, HAQ Centre for Child Rights, New Delhi and EFL University, Hyderabad apart from the faculty members and officials from Tezpur University and UNICEF. The syllabus for the programme was prepared at the end of the session which is placed at <b>Annexure-VI, pp: 142-154.</b></p> <p>Submitted for perusal and consideration of approval.</p>
<b>Decision</b>	<b>Approved with a suggestion to check the similarity test of the study materials to avoid future complexity.</b>
<b>AC.26/2016/1/2.6 Note</b>	<p><b>Proposal of Center for Open Distance Learning ( CODL)</b></p> <p>(a) Change in Nomenclature of PG Diploma in Environmental Management programme</p> <p>(b) Withdrawal of PG Diploma in Electronics Media programme</p>

	<p>The Director, CODL has submitted the following proposals with recommendation of the Joint meeting of the Academic &amp; Administrative Advisory Committees of the CODL held on 08.04.2016 :</p> <p>a) Change of Nomenclature of the PG Diploma in Environmental Management programme to PG Diploma in Environment &amp; Disaster Management programme because significant portion of the syllabi contains topics on Disaster Management.</p> <p>b) Withdrawal of PG Diploma in Electronics Media programme w.e.f the year 2016-17 because of no takers.</p> <p><b>Further, the Director, CODL has proposed to fix programme fee for MA in Assamese programme @ Rs12000/- which is equal to already approved programme fee of other MA programmes, such as, MA in English, MA in Hindi and MA in Sociology.</b> Syllabi for the MA programme in Assamese has already been approved by the 24<sup>th</sup> meeting of Academic Council vide resolution No AC24/2015 /1 / 2.2 held on 4<sup>th</sup> June, 2015.</p> <p style="text-align: right;"><b>(Annexure-VII,pp:155-162)</b></p> <p>Submitted for perusal and consideration of approval.</p>										
<b>Decision</b>	<b>Approved (a) and (b). The proposal of fee for MA in Assamese programme be placed in the next meeting with endorsement of Fee revision committee.</b>										
<b>AC.26/2016/1/2.7</b>	<b>Fee structure for new programmes and revised fee structure for the foreign students</b>										
<b>Note</b>	Fee structures for two new programmes viz., B.Ed and Master of Tourism and Travel Management and revised fee structure of the PhD programme for foreign students proposed by the fee revision committee consisting of Prof. S.S. Sarkar as Chairperson is placed at <b>Annexure -VIII, pp: 163-166</b> for perusal and consideration of approval.										
<b>Decision</b>	<b>Approved the fee structures of B.Ed and Master of Tourism and Travel Management programme, however, the fee structure of PhD programme for foreign students be reviewed rationalizing the fees of part time and full time category. While doing so the candidates of SAARC countries also be taken account.</b>										
<b>AC.26/2016/1/2.8</b>	<b>Revised syllabi of M. Tech in Energy Technology programme</b>										
<b>Note</b>	<p>The School Board, School of Engineering has recommended the revised syllabi of the M.Tech in Energy Technology programme along with the following CBCT courses proposed by the BOS, Department of Energy for offering w.e.f. the academic year 2016-17:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Course Code</th> <th style="text-align: left;">Course Title (L-T-P-CR)</th> </tr> </thead> <tbody> <tr> <td>EN550</td> <td>Energy and Society ( 3-0-0,3)</td> </tr> <tr> <td>EN551</td> <td>Energy and Environment ( 3-0-0,3)</td> </tr> <tr> <td>EN552</td> <td>Renewable Energy Systems ( 3-0-0,3)</td> </tr> <tr> <td>EN553</td> <td>Energy Conservation ( 3-0-0,3)</td> </tr> </tbody> </table>	Course Code	Course Title (L-T-P-CR)	EN550	Energy and Society ( 3-0-0,3)	EN551	Energy and Environment ( 3-0-0,3)	EN552	Renewable Energy Systems ( 3-0-0,3)	EN553	Energy Conservation ( 3-0-0,3)
Course Code	Course Title (L-T-P-CR)										
EN550	Energy and Society ( 3-0-0,3)										
EN551	Energy and Environment ( 3-0-0,3)										
EN552	Renewable Energy Systems ( 3-0-0,3)										
EN553	Energy Conservation ( 3-0-0,3)										

	<p>The Department has incorporated the suggestions of subject experts. (Annexure – XI, pp: 192- 259) Submitted for perusal and consideration of approval.</p>
<b>Discussion</b>	<p><b>Some members suggested modification of the syllabus of the course EN 516 Advanced Solar Thermal Energy .</b></p>
<b>Decision</b>	<p><b>Approved in principle with following suggestions:</b></p> <ol style="list-style-type: none"> <li>1. The course EN 525 Thermal Power Plant Engineering be further discussed in the School Board.</li> <li>2. The CBCT course EN 550 Energy and Society be sent to Prof. Santosh Satya , esteemed member of the academic Council for her comment.</li> </ol> <p>The reviewed syllabi placed before the Vice Chancellor for approval.</p>
<b>AC.26/2016/1/2.9</b> <b>Note</b>	<p><b>Revised eligibility criteria for admission to Integrated M.Sc in Bioscience and Bioinformatics programme.</b></p> <p>The School Board, School of Sciences has recommended the proposal of the Board of Studies of the Department of Molecular Biology &amp; Biotechnology for revising the eligibility criteria for admission to Integrated M.Sc in Bioscience &amp; Bioinformatics programme.</p> <p>Existing eligibility criteria: Minimum 60% aggregate marks in Biology, Chemistry, Physics and/or Mathematics subjects in 10+2 Examination and pass in English.</p> <p>Proposed eligibility criteria: Minimum 60% aggregate marks in Physics, Chemistry and Biology/Mathematics/Biotechnology / Computer Sc. /Bioinformatics in 10+2 (science) examinations.</p> <p>(Annexure- XII, pp: 260 - 261) Submitted for perusal and consideration of approval.</p>
<b>Decision</b>	<p><b>Approved.</b></p>
<b>AC.26/2016/1/2.10</b> <b>Note</b>	<p><b>Proposal to allow the students of Integrated M.Sc programme to change their discipline to other Integrated M.Sc programme</b></p> <p>The School Board, School of Sciences has recommended to allow the students of Integrated M.Sc programmes to change their programme of study after completion of two semesters provided the students secure CGPA of 7.5 and above, and there is vacancy in the desired programme.</p> <p>(Annexure –XIII, pp: 261-262) Submitted for perusal and consideration of approval.</p>
<b>Decision</b>	<p><b>Deferred with a suggestion that the proposal be discussed in the meeting of BoS of the concerned Departments and guidelines be framed by the School Board taking in to consideration of admission criteria, vacancy positions etc.</b></p>
<b>AC.26/2016/1/2.11</b> <b>Note</b>	<p><b>Establishment of Dr. Ambedkar Chair</b></p> <p>The Ministry of Social Justice and Empowerment, Government of India has approved the proposal for setting up Dr. Ambedkar Chair at Tezpur University.</p>

	<p>The main objective of the scheme is to provide a well equipped centre of learning at the University for understanding, assessing and disseminating the ideas of founding father of constitution of India Dr. B. R. Ambedkar through research and other academic activities. Broadly, the Chair will serve as Center of learning and research not only on the subjects concerning Dr. Ambedkar's works and philosophy, but also on the issues concerning the socio economic and cultural life of SCs, STs, minorities, backward classes and other weaker sections of the society. The Chair will come into force with immediate effect and will function as an integral unit of the University.</p> <p style="text-align: right;">(Annexure -XIV, pp:263 -271)</p> <p>Submitted for information.</p>
<b>Decision</b>	<b>Noted.</b>

Items for ratification (AC.26/2016/1/3)

<p>AC.26/2016/1/3.1 Note</p>	<p><b>Syllabi of Diploma in Paralegal Practices to be offered under community college</b></p> <p>The syllabi of the 2<sup>nd</sup> semester of Diploma in Paralegal Practices prepared by the committee constituted by the University are placed at <b>Annexure – IX, pp: 167-186.</b></p> <p>The syllabi for the first semester of the Paralegal Practices have already been approved.</p> <p>Dr. Anurag Deep, ILLI, Delhi has recommended the syllabi for consideration.</p> <p>Subject to ratification by the Academic Council, the syllabi have been implemented w.e.f. the current semester.</p> <p>Submitted for perusal and consideration of ratification.</p>
<b>Decision</b>	<b>Ratified.</b>
<p>AC.26/2016/1/3.2 Note</p>	<p><b>Academic Calendar for the year 2016</b></p> <p>Subject to ratification by the Academic Council, the Academic Calendar for the year 2016 submitted by the committee constituted by the University has been notified with approval of the Vice Chancellor and implemented.</p> <p style="text-align: right;"><b>( Annexure -X, pp.187-191)</b></p> <p>Submitted for perusal and consideration of ratification.</p>
<b>Decision</b>	<b>Ratified.</b>
<p>AC.26/2016/1/3.3</p>	<b>AOB</b>

Prof. Satya expressed happy to be present in the Academic Council of Tezpur University which has been adjudged the Best University by the Visitor. She also appreciated for the several notable initiatives taken by the University and on the visionary approach of the Vice Chancellor.

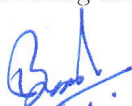
She forwarded following few suggestions for introduction of new courses / programmes:

- Professional Ethics and Social Responsibility" and "Modern Development "under the umbrella of CID.
- Climate change and Environment & Energy in the Department of Environmental Sciences.

- She also suggested to include some topics on Interrelations of Culture and Technology, Food Quality and Bamboo Technology in the course curriculum of concerned Department.
- She opined Tezpur University should participate in Unnat Bharat Abhiyan-a programme where the neighboring communities are engaged and technologies are used for uplifting the people.
- She advised the Department of Environmental Science to encourage their scholars to take up research on agriculture and environment sustainability, organic farming and bio-farming.
- The Department of Food Engineering Technology to look into the area of food quality and safety, bio-product generation from waste products of the food processing industries, devise healthy food recipe
- On student feedback system, Prof. Satya suggested that apart from the formal feedback mechanism an unstructured feedback may also be collected any time which would bring wonderful outcome.

Prof. Bijoy Baruah proposed that the University should have a Centre for Philosophy of Foundation of culture with Mahatma Gandhi Chair on Ethics in the Centre.

The meeting ended with vote of thanks to and from the Chair.



( L. Borah )  
Controller of Examinations



( M. Bhuyan )  
Pro Vice Chancellor