

Tezpur University

30th

Minutes of Academic Council Meeting

Held On 16th November, 2017

OFFICE OF THE VICE CHANCELLOR

TEZPUR UNIVERSITY

Date of Receipt 7/12/17

Receipt No. 4510

DAA,

Draft minutes of the 30th meeting of the Academic council held on 16th November, 2017 are forwarded for your kind perusal and onward forwarding to the Vice-Chancellor, if found in order.

Bah
5/12/17

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Forwarded for your perusal and approval pl, if found in order

Devi
6/12/17

Approved

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8/12/17

Raj,

**MINUTES OF THE 30th MEETING OF THE ACADEMIC COUNCIL HELD
ON 16TH NOVEMBER, 2017 AT 11.00 A.M. IN THE COUNCIL HALL, TEZPUR UNIVERSITY**

Members present:

1. Prof. M. M. Sarma, Vice Chancellor	Chairman
2. Prof. Bijoy Baruah	: Member
3. Prof. Santosh Satya	: Member
4. Prof. P.K. Das	: Member
5. Prof. C.L. Mahanta	: Member
6. Prof. R. C. Deka	: Member
7. Prof. A.K. Mukherjee	: Member
8. Prof. D.K. Bhattacharyya	: Member
9. Prof. S. S. Sarkar	: Member
10. Prof. M.K. Sarma	: Member
11. Prof. Chandan Goswami	: Member
12. Prof. N.S. Islam	: Member
13. Prof. S.K. Dutta	: Member
14. Prof. Madhumita Barbora	: Member
15. Prof. A.K. Nath	: Member
16. Prof. Chandan Kumar Sharma	: Member
17. Prof. Nityananda Sarma	: Member
18. Prof. S. Bhattacharyya	: Member
19. Prof. J. C. Dutta	: Member
20. Prof. Nilakshi Das	: Member
21. Prof. B. K. Chakravarty	: Member
22. Prof. Rupam Kakati	: Member
23. Prof. A.J. Thakur	: Member
24. Prof. Abhijit Bora	: Member
25. Prof. Debabrata Das	: Member
26. Prof. U.K. Das	: Member
27. Dr. Sarat Saharia	: Member
28. Dr. Bhim Prasad Sarmah	: Member
29. Dr. B. Srivastava	: Member
30. Dr. Ashalat Devi	: Member
31. Dr. Nil Ratan Roy	: Member
32. Dr. Partha P. Dutta	: Member
33. Dr. Madhurima Goswami	: Member
34. Dr. Dipak Nath	: Member
35. Dr. T. R. Sarma	: Member
36. Mr. Rathijit Chakraborty	: Member
37. Prof. M. Bhuyan	: Special Invitee
38. Prof. D. K. Saikia	: Special Invitee
39. Prof. Bhaben Tanti	: Special Invitee
40. Dr. A. K. Nath	: Special Invitee
41. Mr. S. Prarasar	: Special Invitee
42. Mr. Anurag Dutta	: Special Invitee
43. Dr. L. Boral, Controller of Examinations	: Ex-officio Secretary

At the outset of the meeting, the Vice-Chancellor welcomed the members. He called upon the Controller of Examinations to present the agenda items of the meeting. The Controller of Examinations presented the agenda items one by one. The agenda items and decisions of the meeting are given below:

Regular items (AC. 30/2017/ 3/1)

Item No.	Agenda with notes
AC. 30/2017/ 3/1.1	Confirmation of the minutes of the 29th meetings of the Academic Council held on 12th May, 2017.
Note	The minutes of the meeting of the Academic Council have been circulated to all members for perusal and comments. No comment has been received. The minutes may be confirmed. Submitted for perusal and consideration.
Decision	Confirmed.
AC.30/2017/ 3/1.2	To consider and accept the action taken reports on the minutes of the 29th meetings of the Academic Council held on 12th May, 2017
Note	Action taken report on the decisions of 29 th meeting of the Academic Council is placed at Annexure -I, pp 1-11. Submitted for perusal and consideration.
Decision	Accepted.

Items for approval (AC.30/2017/ 3/ 2)

AC.30/2017/ 3/2.1	Introduction of Open Electives as an alternative of CBCT (Choice Based Credit Transfer) Courses w.e.f. the Spring Semester, 2018
Note	The meeting of the Deans and Heads of the Departments in its meeting held on 2.8.2017 noted that the number of CBCT courses offered for registration of the students as Choice Based Credit Transfer courses was not adequate. So, the students were not able to register on the courses of their choice. A committee was constituted with Prof. D.K. Saikia as Chairman to review the registration system of CBCT courses and recommend an alternative of the CBCT. The Committee recommended replacement of the terminology of CBCT by Open Elective courses following the Choice Based Credit System (CBCS) of the UGC guidelines. The Guidelines on Open Elective courses submitted by the committee as alternative of the CBCT is placed at Annexure- II, pp 12-17. The Open Elective courses will be introduced in the course curriculum w.e.f the Spring Semester, 2018. Submitted for your kind perusal and consideration of approval.
Decision	Approved with the following suggestions: (i) If a core or Discipline Specific elective course is offered as an Open Elective course then the course for the students other than the offering Departments may be treated as Open elective (Generic). (ii) Any difficulty for implementation may be brought to the next meeting of the Academic Council.

/2017/ 3/2.2	Proposal for introduction of LLM programme by the Department of Law The School Board, School of HSS has recommended the proposal of the Department of Law for introduction of the Master of Laws (LLM) programme w.e.f the Academic session 2018-19. Credit requirement for award of the Degree : 70 Proposed Intake : 20 Eligibility criteria for admission: Bachelor's degree in Law with a minimum of 50% marks (relaxation to reserved categories as per TU rules). The Board has also recommended the syllabus of the course LW415 Human Rights issues and Laws (3-0-0, Cr 3) to be offered by the Department of Law as Open elective. The syllabi of the courses have been vetted by the subject experts and their suggestions have been incorporated in the syllabi by the Department. (Annexure- III, pp 18-75) Submitted for perusal and consideration of approval.
Decision	Approved with the following suggestions: (i) Course LW521 Pedagogy in Law be assigned with L- T- P- CH- Cr structure (ii) The dissertation of the students should focus on road society, nature of crime, Socio-Economic Offense of rural area etc. (iii) Episode telecast on Indian Constitution at the Lok Sabha Channel may be looked upon to incorporate some of its components in the syllabus.
AC.30/2017/ 3/2.3 Note	Revised course structure of M.Tech in Civil Engineering programme The School Board, School of Engineering has recommended the proposal of the department of Civil Engineering for starting M. Tech in Civil Engineering programme with Specialization in Geotechnical Engineering w.e.f. the Academic Session 2018-19. The Department has modified the syllabi of the programme approved by the 27th meeting of the Academic Council held on 21st December, 2016 in view of introduction of Open elective courses. Initially only 9 students will be admitted. The Department also proposed to offer the following courses as Open Electives from the existing courses: 1. CE551 Building materials and Technology (3-0-0: 3) : UG/PG level 2. CE552 Construction Management (3-0-0: 3) : UG/PG level (Annexure- IV, pp 76-81) Submitted for perusal and consideration of approval.
Decision	Approved. Offering of same Open Elective course for both UG/PG students may not be appropriate. However, the course instructor should verify the pre-requisites of the course and back ground of the students and accordingly he /she should advise the students to register the course or otherwise till adequate number of Open electives are offered for the UG programmes.
AC.30/2017/ 3/2.4 Note	Revised course structures of the programmes offered by five Departments under the School of Engineering The School Board, School of Engineering has recommended the revised course structures of the following programmes proposed by the Departments of (1) Computer Science and Engineering, (2) Mechanical Engineering, (3) Food Engineering and Technology, (4) Electronics and Communication Engineering and

(5) Energy to implement w.e.f the Spring semester, 2018:

Department	Programmes	page
1.Computer Science and Engineering	i. M.Tech in Information Tech ii. MCA	82-92
2. Mechanical Engineering	i. M.Tech in Mechanical Engineering with Specialization in (a) Applied Mechanics (b) Thermal and Fluid Engineering and (c) Machine Design ii) B.Tech in Mechanical Engineering	93-108
3. Food Engineering and Technology	i. M.Tech in Food Engineering and Technology	109-119
4. Electronics and Communication Engineering	i. M.Tech in Electronics and Design Technology ii. M. Tech in Bioelectronics	120-127
5. Energy	i. M. Tech in Energy Technology	128-133

The School Board, School of Engineering has recommended to offer two Open Elective courses (3 credit each) for 10 faculty members in M. Tech Level. Half of these courses will be offered in 1st semester and the other half in the 2nd semester. The Open Elective courses in B. Tech programmes will have no barrier and the students can register for any Open Elective offered in the basket.

1. The Department of CSE proposed to offer the following CBCT/ Elective courses as Open Elective courses:

- i. CS535 Introduction to Scientific Computing
- ii. CS536 Computer Application & Information Management
- iii. CS537 Natural language Processing
- iv. CS538 Computational Geometry
- v. IT507 Computer Security and Cryptography

2. The Department of Mechanical Engineering has placed revised courses of ME Lab IV (ME 306) on Heat Transfer and Thermal Science experiments for B.Tech in Mechanical engineering.

The Board has also forwarded syllabi of the following new elective courses and list of 14 courses (existing) to be offered as Open Elective courses for the UG/PG programmes:

- a) ME 563 Fundamentals of Aeronautics (3-0-0,Cr-3) (new)
- b) ME 564 Principles of Naval Architecture (3-0-0,Cr-3) (new)

3. The Department of FET proposed to offer the following new Elective course:
FT 556: Chemistry of Food Process (2-0-1, CH 4 Cr 3)

The syllabi of the courses were sent to the external experts by the concerned Departments and their suggestions/ comments have been incorporated in the syllabi.

(Annexure-V, pp 82-133)

Submitted for perusal and consideration of approval.

Approved with following suggestions:

1. A course on Indigenous Food and Tradition, Grain Storage System and Holistic health may be introduced.
2. Course on traditional food as Open Elective may be introduced by

Decision

	the Department of Food Engineering and Technology. 3. The course code EL525 for Advanced Programming Language should be changed as EL537. 4. Some open elective courses may be designed to connect the technology with the society with a holistic approach. 5. The book suggested by the external member, Prof. S, Satya be included in the course curriculum of the Department of FET.
AC.30/2017/ 3/2.5 Note	Modalities for Direct admission of B. Tech candidates to PhD programmes The School Board, School of Engineering has proposed the following modalities for direct admission of B.Tech. candidates to Ph.D programme: a) The student shall complete theory/lab courses of 36 credits as course work, out of which 10 credits including Research Methodology (4 credits) shall be of Ph.D. level. b) The Course work shall be completed within first 4 semesters failing which the studentship will be discontinued. c) A Departmental level comprehensive viva-voce exam involving external expert shall be held after completion of the course work. The student shall be required to pass the viva-voce before starting the research work of the PhD. d) The selected student shall be required to enroll as a full time student. e) Minimum duration of the programme shall be 8 semesters and maximum duration 12 semesters. f) The Department not having M.Tech. programme in the area of research shall devise the course structure and detailed syllabi for the Direct Ph.D. programme. (Annexure-VI, pp 134-135) Submitted for perusal and consideration of approval.
Decision	Approved.
AC.30/2017/ 3/2.6 Note	Proposal for offering of Diploma and Certificate programmes by the Department of EFL and Centre for Assamese Studies in Association with Asom Sahitya Sabha The School Board , School of HSS has recommended the proposals of the Department of EFL and Centre for Assamese Studies to offer the following Diploma and Certificate programmes in association with Asom Sahitya Sabha w.e.f the next Academic year: 1. Department of English and Foreign Languages (i) Diploma in Communicative English (pp:136-155) (ii) Certificate in Linguistics for Indigenous Speakers of NE India (pp: 156-162) 2. Centre for Assamese Studies (i) Diploma in Communicative Assamese (pp: 163-180) (1) The Diploma in Communicative English will be offered Post- Secondary level students who studied in Assamese or non- English medium schools. The programme is proposed to be offered at four different centres, viz., (i) Tezpur, (ii) Jorhat, (iii) Nagaon and (iv) Guwahati. The courses will be taught by English teachers of colleges with assistance from the faculty members of the Department

	of EFL of the University. The programme will be treated as outreach programme. Asom Sahitya Sabha will arrange the teachers and infrastructure at the above Centres for running the programmes. The University will conduct the test and award the certificates. Certificate in Linguistics will be offered for training the native speakers about basic linguistics. Eligibility criteria for admission : 10+2 pass and the Intake: 10 only. The classes will be held in the Department of EFL. (2) The Diploma in Communicative Assamese programme will be offered for the non- native speakers of Assam and also newly appointed TET teachers (who do not know Assamese) of the Government School of Assam. The programme is proposed to be offered at four different centres along with the Diploma in Communicative English. Syllabi and other relevant documents are placed at Annexure-VII pp 136-180. Submitted for perusal and consideration of approval.
Discussion	The Head, Department of EFL and Dr. Arup Kr Nath, Assistant Professor, Department of EFL informed the members about back ground of the proposals in detailed. They also informed that there was a meeting of concerned faculty members of the University and the President and other members of the Assam Sahitya Sabha in the University on 9.11.2017 and as per the decision of the meeting they modified the course curriculum and reduced the credit load to 24 credits for the Diploma. The revised course curriculum was placed on the table.
Decision	Approved the modified course curriculum with following suggestions: (1) They be treated as Skill Based programmes and offered under Institutional Social Responsibility scheme of the University (2) Monitoring or supervision be done by the committee constituted by the University (3) The Diploma programmes be started initially.
AC.30/2017/ 3/2.7	Proposal of Mr. Apurba Barooah, Sr. Journalist for Institution of Tilottama Barooah Memorial Award Trust
Note	The University has received a proposal from Mr. Apurba Barooah, Sr. Journalist for Institution of Tilottama Barooah Memorial Award in the Chandra Prabha Saikiani Centre for Women Studies in fond memory of his mother Late Tillottama Barooah who was an associate of Chandra Prabha Saikiani during freedom Movement. Mr. Apurba Barooah has proposed to offer an amount of Rs 50,000/- only towards creation of Late Tilottama Barooah Memorial Trust and the interest accrued from the fund will be used for giving an Award to a women activist in a three years period. The University has accepted the proposal in principle. Draft agreement is prepared and placed at Annexure -VIII pp 181-187. Submitted for perusal and consideration of approval.
Decision	Approved with a suggestion that the award be presented annually although the amount of the award will be less.



AC.30/2017/ 3/3.1 Note	Proposal of the Department of Cultural Studies for offering a new CBCT course on CP528: Gender in Visual Arts and Culture The School Board, School of HSS has recommended the proposal of the BoS of the Department of Cultural Studies for offering the following new course as CBCT: CP528: Gender in Visual Arts and Culture (3-0-0, Cr-3) The Department has incorporated the suggestions of the subject expert in the syllabus of the course. Subject to ratification by the Academic Council, the course has been approved by the Vice Chancellor and offered w.e.f the current semester. (Annexure- IX, pp 188-193) Submitted for perusal and consideration of ratification
Decision	Ratified. The course be offered as ~~open~~ elective from the next semester.
AC.30/2017/ 3/3.2 Note	Revised guidelines on conduct of Continuous Comprehensive Evaluation system A committee was constituted with Prof. M. Bhuyan as Chairperson to review and recommend the continuous Comprehensive Evaluation System in view of suggestions put forward in the meeting of the Deans and Heads of the Departments/ Centres held on 02.08.2017 to review the existing evaluation system due to certain constrains faced the students as well as the teachers. The report of the Committee on Evaluation system is placed at Annexure- X pp 194-200. Subject to ratification by the Academic Council, the revised guidelines received from the Committee have been approved by the Vice Chancellor and implemented w.e.f the current semester. Submitted for perusal and consideration of ratification.
Decision	Ratified with following a suggestion that the self study component may be enhanced.
AC.30/2017/ 3 /3.3 Note	Revised Rules on Minimum requirement of students' attendance In the meeting of Deans and Heads of the Departments held on 02.08.2017 the members observed that students are required to maintain atleast 90% attendance in the class, however, many students are not able to maintain the required percentage of attendance and they are not allowed to seat for the examinations, although the reasons for absence from the class may be genuine. As per recommendation of the meeting a committee was constituted with Prof. Satyajib Bhattacharyya as Chairperson to review and recommend the revised minimum requirements of attendance. The report of the Committee on the minimum requirement of attendance is placed at Annexure- XI, pp 201-206. Subject to ratification by the Academic Council, the revised Rules on attendance



	have been approved by the Vice Chancellor with minor modification implemented w.e.f the current semester. Submitted for perusal and consideration of ratification.
Decision	Ratified.
AC.30/2017/ 3/3.4	Revised selection criteria for award of Gold medals to the toppers of the programmes of studies The 28th (Special) meeting of the Academic Council held on 6th April, 2017 observed that the toppers of some programmes were not awarded gold medals due to non-fulfillment of the selection criteria. The meeting constituted a committee with Prof. M. Bhuyan, former Pro- Vice Chancellor to review the selection criteria for award of the Gold medals. The Committee constituted to review the selection criteria for award of Gold Medal vide resolution No. IV of the meeting held on 8.5.2017 recommended the following: "The toppers who secure at least a CGPA of 7.00 instead of existing requirement of CGPA 8.00 and completes the programme within the minimum period of study without any "F" grade or being placed in Academic Probation be awarded the Gold Medal." The recommendation was circulated to all the members of the Academic Council for their comments. Based on affirmative comments received from the esteemed members the Vice Chancellor approved revised selection criteria and supply order has been placed for making the Gold medals for awarding in the next Convocation. (Annexure- XII, pp 207-209) Submitted for perusal and consideration of ratification.
Decision	Ratified.
AC.30/2017/ 3/3.5	Revised course curriculum of different Departments to be offered under Open Distance Learning Mode <i>and</i> As per the UGC (Open and Distance Learning) Regulations, 2017, the concerned Departments have revised their course curriculum of the following programmes of studies to be offered under Open Distance Mode: 1. PG Dip in Renewable Energy and Energy Management (pp: 210-234) 2. PG Diploma in Environment and Disaster Management (pp: 235-258) 3. MA in Sociology (pp: 259-293) 4. PG Diploma in Human Resource Management (pp: 294- 309) 5. MA in English (pp: 310-345) 6. MA in Mass Communication (pp:346- 389) The course curricula were required to revise for submission to the UGC for recognition of the programmes to offer under Open and Distance Mode of Education for the year 2018-19. The course curricula have been recommended by the concerned School Boards and Centre for Internal Quality Assurance (CIQA) formed by the University as per UGC Regulation. Comments of the subject experts have been incorporated by the offering Departments.
Decision	Ratified.
Note	

	Subject to ratification by the Academic Council, the Vice Chancellor approved the Course Curricula of the programmes and submitted online to the UGC for recognition of programmes under CODL for the year 2018-19. (Annexure- XIII, pp:210 -389) Submitted for perusal and consideration of ratification.
Decision	Ratified.

AOB items: AC. 30/2017/ 3/4

Item No.	Agenda with notes
AC. 30/2017/ 3 /4.1 Note	Proposal for modification of Ordinance No.1 , Statute No.43 and 44 of the University Statute and Ordinances are required to be amended from time to time as and when changes occur due to University Policy and Government Notifications. Ordinance No.1, which makes the provisions for establishment of School of Studies and departments assigned to individual Schools, has been proposed for amendment to re-organize the schools with new departments. Statute 43, which is on establishment of the Postgraduate Departments and Centres for Studies, has been proposed for amendment to expand the academic activities keeping in mind the need of the Society and to make provisions for new Departments/Centres on direction/approval of UGC/MHRD. Statute No.44, on appointment of teachers and other Academic Staff, their emoluments and service conditions, has been proposed for amendments to make it up to date and to include latest rules & regulations issued by the Government of India/UGC. Statements of proposed modifications in the Ordinance No.1, Statute No.43 and Statute No.44 recommended by the Committee with Prof. D. K. Bhattacharyya as Chairman are placed at Annexure- XIV,pp:390-411. Submitted for perusal and consideration of approval.
Decision	Deferred. Draft Ordinance and Statutes be further discussed and reviewed by the Standing committee involving concerned Departments.
AC.30/2017/ 3 /4..2 Note	Revised eligibility criteria for admission (a) BE/B.Tech candidates to direct PhD programme , (b) M.Tech in FET and PhD in FET and (c) MCA and M. Tech in IT programmes The School Board, School of Engineering has recommended the proposals of the concerned Departments for revision of the Eligibility criteria for (a) direct admission of BE/B Tech candidates to PhD programme, (b) admission to M.Tech in Food Engineering & Technology and PhD in Food Engineering & Technology programme , and (c) admission to MCA and M. Tech in Information Technology programmes w.e.f. the Spring semester, 2018: (a) Direct PhD programme: (Annexure-XV, pp:412) i). B.E./ B.Tech. with 75% marks in aggregate or equivalent CGPA with a valid GATE score.

- ii) Minimum two Recommendation Letters from the Institute/University from where B.E./ B.Tech. degree was obtained.

(b) Department of Food Engineering and Technology

(Annexure-XVI, pp:413-417)

M.Tech in Food Engineering and Technology

B.E./B.Tech. in Food Engineering & Technology/Food Process Engineering/Food Technology/Agricultural Engineering/ Mechanical Engineering/Chemical Engineering/Biotechnology/Dairy Engineering/Dairy Technology or food related fields with a minimum of 55% marks in aggregate.

(Note: The B.Tech./B.E. programme completed by the candidate should satisfy the AICTE requirements)

Ph.D. in Food Engineering and Technology

M.Tech. / M.E./ Integrated M. Tech in Food Engineering and Technology/Food and Dairy related other programme/Mechanical Engineering/ Chemical Engineering/ Bio-process/ Bio- Chemical/ Biotechnology, or,

M.Sc and Integrated MSc in Food Processing Technology/ Food and Dairy related other programme/ Applied Microbiology/ Microbiology / Biochemistry / Chemistry / Biotechnology/Bioscience and Informatics, or,

B.E./B.Tech (in Food Engineering and Technology / Food and Dairy related other programme) with 75% marks in aggregate or equivalent CGPA with valid GATE Score).

(C) Department of Computer Science and Engineering

(Annexure -XVII, pp:418- 419)

MCA :

Bachelor's degree in any discipline with a minimum of 50% marks in major/honours subject or 55% marks in aggregate for those candidates having no major/honours, or 55% marks in aggregate in BCA. Passed in Mathematics at 10+2 examination.

M.Tech.(IT) :

B.E./B.Tech./AMIE/AMIETE in CSE/IT/ECE/allied subjects or MCA or its equivalent or M.Sc. in Computer Science/IT/Electronics/Mathematics/Statistics with a minimum of 55% marks in aggregate. Candidates selected under GATE must possess a valid GATE score in CS.

Submitted for perusal and consideration of approval.

Decision	Approved.
AC.30/2017/3/4.3	Revised course structure of the Integrated M. Com programmes offered by five Department of Commerce
Note	The School Board, School of Management Sciences has recommended the revised course structure of the following programme proposed by the Department of Commerce: Programme: Integrated M. Com The revision of the course structure has been made in view of introduction of Open elective courses in the programme as per the revised guidelines. (Annexure-XVIII, pp: 420-425) Submitted for perusal and consideration of approval.
Decision	Approved.

Item No.	Agenda with notes																					
AC. 30/2017/ 3 /5.1	Registration of MOOCs courses offered through SWAYAM platform of UGC As per the directives of the UGC issued on 5th July, 2017, the Department of Chemical Sciences and Department of Computer Science and Engineering submitted proposal for offering the following MOOCs courses of SWAYAM platform for M.Tech and PhD level. <u>Chemical Sciences</u> <table><tr><th>Code</th><th>Title</th><th>L-T-P,Cr</th></tr><tr><td>CH726</td><td>Application of Spectroscopic Methods in Molecular Structure Determination (Course Instructor: Prof. S. Sankararaman, IIT Madras</td><td>2-2-0,04</td></tr></table> <u>Department of Computer Science and Engineering</u> <table><tr><th>Code</th><th>Title</th><th>L-T-P,Cr</th></tr><tr><td>CS 653</td><td>Introduction to Internet of Things Course instructor: Dr. Sudip Misra, IITKH</td><td>2-0-0,02</td></tr><tr><td>CS652</td><td>Privacy and Security in Online Social Media Course instructor: Prof. P. Kumaruguru, IIIT Delhi</td><td>2-0-0,02</td></tr><tr><td>CS651</td><td>AI: Search Methods for problem solving Course instructor: Prof. Deepak Khemani, IIT Madras</td><td>3-0-0,03</td></tr><tr><td>CS650</td><td>Introduction to Machine Learning Course instructor: Prof. Balaraman Ravindran, IIT Madras</td><td>2-0-0,02</td></tr></table> Subject to ratification by the Academic Council, the Vice Chancellor approved the proposal and offered for registration of the courses by the students in the Current Semester. (Annexure – XIX, pp: 426-435) Submitted for perusal and consideration of ratification.	Code	Title	L-T-P,Cr	CH726	Application of Spectroscopic Methods in Molecular Structure Determination (Course Instructor: Prof. S. Sankararaman, IIT Madras	2-2-0,04	Code	Title	L-T-P,Cr	CS 653	Introduction to Internet of Things Course instructor: Dr. Sudip Misra, IITKH	2-0-0,02	CS652	Privacy and Security in Online Social Media Course instructor: Prof. P. Kumaruguru, IIIT Delhi	2-0-0,02	CS651	AI: Search Methods for problem solving Course instructor: Prof. Deepak Khemani, IIT Madras	3-0-0,03	CS650	Introduction to Machine Learning Course instructor: Prof. Balaraman Ravindran, IIT Madras	2-0-0,02
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CS651	AI: Search Methods for problem solving Course instructor: Prof. Deepak Khemani, IIT Madras	3-0-0,03																				
CS650	Introduction to Machine Learning Course instructor: Prof. Balaraman Ravindran, IIT Madras	2-0-0,02																				
Discussion:	Dean, School of Engineering informed that in addition to above the Department of Food Engineering and Technology and Department of Energy have proposed to offer the following MOOCs courses of SWAYAM platform as Open elective/ Electives courses : <table><tr><th>Code</th><th>Title</th><th>Cr</th></tr><tr><td>FT485</td><td>Food laws and standards Course Instructor: Prof. M. K. Salooja, SOA, IGNOU</td><td>03</td></tr><tr><td>FT486</td><td>Technical English for engineers Course Instructor: Prof. Aysha Iqbal, IIT Madras</td><td>03</td></tr><tr><td>FT487</td><td>Developing soft skills and personality Course Instructor: Prof. T. Ravichandran, IIT Kanpur</td><td>03</td></tr><tr><td>FT685</td><td>Operations and supply chain management Course Instructor: Prof. G. Srinivasan, IIT Madras</td><td>03</td></tr><tr><td>FT686</td><td>Numerical methods Course Instructor: Prof. A. K. Nayak, IIT Roorkee</td><td>03</td></tr><tr><td>FT687</td><td>Industrial Automation and Control Course Instructor: Prof. Siddhartha Mukhopadhyay, IIT</td><td>03</td></tr></table>	Code	Title	Cr	FT485	Food laws and standards Course Instructor: Prof. M. K. Salooja, SOA, IGNOU	03	FT486	Technical English for engineers Course Instructor: Prof. Aysha Iqbal, IIT Madras	03	FT487	Developing soft skills and personality Course Instructor: Prof. T. Ravichandran, IIT Kanpur	03	FT685	Operations and supply chain management Course Instructor: Prof. G. Srinivasan, IIT Madras	03	FT686	Numerical methods Course Instructor: Prof. A. K. Nayak, IIT Roorkee	03	FT687	Industrial Automation and Control Course Instructor: Prof. Siddhartha Mukhopadhyay, IIT	03
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FT687	Industrial Automation and Control Course Instructor: Prof. Siddhartha Mukhopadhyay, IIT	03																				

	Madras	
FT688	Constrained and unconstrained optimization Course Instructor: Prof. Debajani Chakraborty, IIT Kharagpur	03
FT689	Programming in C++ Course Instructor: Prof. P.P. Das, IIT Kharagpur	03
FT690	Introduction to research Course Instructor: Prof. P. Haridoss, IIT Madras	03
EN580	Computational Fluid Dynamics Course Instructor: S. Jayanthi, IIT Madras	03
EN581	Energy Conservation and waste Heat Recovery Course Instructor: A Bhattacharyya & P K Das, IIT kharag	03
Decision	Approved. One mentor be assigned for each MOOCs course and grade be submitted as per TU rules.	
AC. 30/2017/ 3 /5.2	Proposal for naming of Seminar hall of the Department of Chemical Sciences as Dr. Radhikaram Dhekial Phookan	
Note	The BoS of the Department of Chemical Sciences has proposed for naming of Seminar hall of the Department as Dr. Radhikaram Dhekial Phookan who is the first Doctorate from the entire North Eastern Region. Dr. Radhikaram Dhekial Phookan was awarded his PhD degree in Chemistry by Universitat Heidelberg on 26th July, 1890. The Vice Chancellor approved the proposal subject to ratification by the Academic Council. (Annexure-XX,pp - 436-439) Submitted for perusal and consideration of ratification.	
Decision	Ratified.	

The meeting ended with Vote of Thanks to and from the Chair.


 (L. Boral)
 Controller of Examinations


 (M.M. Sarma)
 Vice Chancellor