



NATIONAL INSTITUTE OF TECHNOLOGY, ARUNACHAL PRADESH, YUPIA, Pin-791112

(Established by MHRD, Govt. of India)

Website : www.nitap.in, Fax No: (0360) 2284972

E-Mail: nitarunachal@gmail.com / admin@nitap.in

Senate/NIT/AP/3/2013

Date: 05/07/2013

**MINUTES OF THE 3RD SENATE MEETING OF NIT, ARUNACHAL PRADESH
HELD ON 05/07/2013 AT 10:00AM AT BOARD ROOM, NITTTT, BLOCK FC,
SECTOR-III, SALT LAKE CITY, KOLKATA – 700106, WEST BENGAL**

Following Members were present :-

1. Prof. C.T. Bhunia, Director, NIT, A.P. / Ex-Officio - Chairperson
2. Prof. (Mrs) S. Banerjee, Vice - Chancellor, Central University of Orissa - Member
3. Prof. D. K. Sinha, Former Vice-Chancellor, Visva Bharati University, Santiniketan - Member
4. Prof. R.N. Bera, Senior Prof., Sikkim Manipal University, Sikkim - Member (Invitee)
5. Prof. (Mrs) Alpana Mahapatra, D.J. Sanghvi College of Engg., Mumbai, Member (Invitee)
6. Dr. P. Chakraborty, Asstt. Prof. NIT, A.P - Member
7. Dr. N.K. Pramanik, Asstt. Prof. NIT, A.P - Member
8. Sri Mohit Kumar De, NIT, A.P. – Member
9. Sri P.K. Modak, OSD, NIT, A.P, Non-Member Secretary

Agenda Item No: 3.1: Confirmation of the Minutes of 2nd Senate Meeting & Action Taken Report

Decision: Minutes of the 2nd Senate were duly approved and Actions-Taken-Report was noted with satisfactory.

Agenda Item No: 3.2: Ratification of approval accorded by the Chairman, Senate, NIT, Arunachal Pradesh for result of January – June, 2013

Decision: Duly ratified.

Agenda Item No: 3.3: 1st Convocation of NIT, Arunachal Pradesh & Conferring Honorary Doctorate Degree.

Decision: After due deliberations, the senate approved the proposal of conferring Honorary Doctorates of Education upon Prof. Pema Thinley, Vice Chancellor of Royal University of Bhutan, Bhutan for his outstanding contributions for introduction of values & ethics in Higher Education on global scale.

The short write up on Prof. Thinley is given below:

Dasho (Dr.) Pema Thinley graduated from Western Australian Institute of Technology and obtained his M.Ed and M.Curr. Std (Hons) from the University of New England, Australia. He

P. Pema Thinley



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also holds a Diploma in Education administration from Leeds University, United Kingdom. He received an Honourary Doctorate of Education from the University of New England, Australia in 2004 for his work in the development of education in Bhutan. He was awarded Red Scarf and the title of Dasho by His Majesty Jigme Singye Wangchuk the king of Bhutan in February 2007 for his distinguished service in Education.

His career began as a teacher at Yangchenphu High School in 1976. From then on, he rose in ranks to become the Vice Principal of Yangchenphu High School in 1981, Principal of Paro High School in 1982, Director of Samte College of Education in 1984, Director of Curriculum and Professional Support Service Division (CAPSD) in 1994, Principal of Sherubtse College in 1997, Director of Department of Education in 1999, Director General of Department of Education in 2002, Secretary of the Ministry of Education in 2003 and finally the Vice Chancellor of the Royal University of Bhutan in 2007.

Agenda Item No: 3.4: Approval of Syllabus for M.Tech in Appropriate Technology & Entrepreneurship

Decision: Director was authorized to approve the syllabus.

Agenda Item No: 3.5: Submission of Report of Prof. Chowdhuri Committee on MS On-line by Research for consideration.

Decision: With minor modification the committee report was duly approved as annexure- 1

Agenda Item No: 3.6: MISC ITEM.

Decision: The senate approved the proposal for introduction of B.Tech in Chemical Engg. And B.Tech in Bio-Technology in 2014-15 for which Director was authorized to take necessary steps including those of syllabus. The scopes & objectives of Chemical Engineering/Bio-Technology were presented by Prof. Alpana Mahapatra which had been noted as commendable.

Alpana Mahapatra

M.S. REGULATIONS (Draft Copy)

R.1 Areas of Specialization

M. S. (by Research) distance / online programme (equivalent to M.Tech) (may be carried out with other programme of the candidates as dual degree) shall be offered in Computer Science and Engineering and Electronics and Communication Engineering in its 1st stage and in Electrical Engineering in the 2nd stage of the Institute. Specific areas (research topics) will be decided by the departments based on the following:

- a. Research interests of the Faculty,
- b. Research areas of mutual interest (considering NIT(AP) and sponsoring industries if any), and
- c. Research areas of other sponsored research projects.

R.2 Educational Qualifications

B. Tech / B.E. (4-year degree course) or equivalent in Engineering in respective discipline in first class or equivalent grade.

R.3 Selection Procedure and Student Status

Admission to the M. S. programme will be based on:

- a. Performance in the class XII, B.Tech / BE or equivalent examination / Candidates with valid Gate score will be preferred.
- b. Candidates from abroad / NRI category / nominees of foreign Governments shall be accepted subject to the clearance by MHRD.
- c. Course Work including Project have to be carried out on distance / online mode under supervision of an allotted guide.

R.4 Duration of the Programme

The programme shall, on average, need two years and the minimum duration required for the completion shall be three semesters. The course work may be completed in one semester and the project work can be taken up in the following two to four semesters.



R.5 Course Work

The student will have to complete five courses (3 core courses and 2 electives) at the M. Tech. level (from a list of seven courses recommended by the department. The course work shall be, typically, completed in the first semester. The credits for course work shall be based on the procedures prescribed for Institute Examination. The student needs to earn a minimum of fifteen credits from the five courses. The minimum Cumulative grade point average (CGPA) of 8/10 should be obtained for qualifying to next semester.

R.6 M. S. Guide-ship

- a) All faculty members of the Institute holding doctorate degree are eligible to guide M.S scholars, and same is for external supervisors too if any.
- b) No Guide shall have ordinarily more than two M.S scholars under NIT(AP), excluding the Candidates taken under sponsored projects, who are yet to submit the Synopsis of their Theses. The Guide can take subsequent candidates after submission of Synopsis by the existing Scholars.

R.7 General Test Committee

The guide allotment will be made within three days from the date of admission. The research activity, along with the necessary course work, shall be guided by a General Test Committee (GTC) constituted specifically for each student.

The GTC shall have, the following members:

1. One senior faculty member from the Department concerned, as the chairman of GTC (suggested by the Guide).
2. The Guide,
3. One faculty member nominated by the Director in consultation with Dean (Acad).
4. One technical expert (external) from leading academic institutions / national laboratories / industry to be nominated by the Director.

The GTC will meet within a week time from the date of admission of the student to the M. S. programme. For the first meeting the external member need not be present.

The GTC shall meet again in the third semester (within the first two weeks) to review the progress made by the candidate.

R.8 Progress Report

- a. A research scholar shall submit a written report of work done by him/her in the prescribed proforma to the Guide who shall forward it to the GTC within two weeks before the end of each 12 month period from the date of registration upto first 2 years and before the end of each 6 month period beyond 2 years.



- b. A research scholar shall appear before the GTC once a year for the first two years and once in a semester thereafter for progress evaluation.
- c. Progress evaluation meetings of the GTC will be convened by the Chairman, GTC in April (for research scholars admitted in July semester) and in November (for research scholars admitted in January semester) to assess the progress in his/her research work and recommend renewal of scholarship/ registration wherever applicable.
- d. If the progress of the research scholar continues to be unsatisfactory, the GTC can recommend the cancellation of registration.

R.9 Seminar Presentation

- a. The student, upon completion of his research work, shall present a seminar, highlighting the methodology and the inferences.
- b. This seminar shall be attended by at least three members of the GTC – to ensure that the student has followed up the suggestions made by the GTC in its earlier meetings.

R.10 Synopsis of Thesis

- a. Research scholars are required to give, prior to submission of synopsis and shall have at least one paper in a reputed journal or two papers in reputed conference proceedings.
- b. On satisfactory completion of the prescribed courses and the required publications (2 conference papers or one journal paper), the research scholar shall submit ten copies of the synopsis of his/her research work to the GTC.
- c. The research scholar should present the synopsis before the GTC. The GTC will, if it approves the work reported in the synopsis, permit the research scholar to submit the thesis and recommend a panel of at least six thesis examiners outside the Institute and within India. This meeting of the GTC will be held in the presence of the Dean (Academic).

R.11 Submission of Thesis

The research scholar shall, within three months of acceptance of the synopsis, submit four copies of thesis embodying the results of investigation, and also three copies of the Abstract of the thesis of about 400 words.

R.12 Panel of Examiners

The thesis shall be referred to two examiners chosen by the Chairman, Senate / Director from among the panel of examiners submitted by the Guide and recommended by the GTC at its synopsis meeting. Degree will be awarded based on reports of examiners.



R.13 Thesis Evaluation Report

- a. The examiner is expected to send the report on the thesis within two months from the date of receipt of the thesis.
- b. In case of undue delay in receiving the thesis report, the Chairman, Senate shall appoint another examiner from the panel for evaluating the thesis.
- c. If an examiner suggests resubmission of the thesis, after revision, the research scholar will be allowed to resubmit the thesis within the time stipulated by the GTC failing which the revised thesis will not be accepted and his/her registration will be cancelled.
- d. If one of the two thesis examiners declares the thesis as not commended the thesis shall be referred to a third examiner from the panel for his evaluation.
- e. If two examiners, after referring to a third examiner (if necessary), report the thesis as not commended the registration of the scholar will be cancelled.
- f. If reports of two examiners, declare the thesis as 'commended,' and if no viva voce is suggested, the GTC will consider the reports within two weeks of receipt of copies of reports by the Chairman, GTC from the academic section, and recommends the award of M.S. degree (by Research) to the scholar, with a certificate that the corrections / revisions suggested by the examiner(s) have been incorporated in the thesis.
- g. In the event of both or one of the examiners having suggested conduct of viva voce, the viva voce board will conduct the viva voce examination and recommend the award of M.S. degree (by Research) to the scholar, with a certificate that the performance of the research scholar in the viva voce was found satisfactory and the corrections / revisions suggested by the examiner(s) have been incorporated in the thesis. The viva voce examination will be conducted normally not earlier than two weeks from the date of receipt of copies of reports by the Chairman, General test Committee from the Academic Section.
- h. In all other cases, not covered by the above Regulations, the matter will be referred to the GTC for consideration.

R.14 Viva Voce Board

- a. The viva voce board shall comprise the members of the GTC.
- b. The viva voce board will examine the scholar on his/her thesis work and evaluate his/her performance as satisfactory or otherwise.
- c. If the report of the viva voce board declares the performance of the research scholar as not satisfactory, he/she may be asked to reappear for oral examination at a later date (not



earlier than a month and not later than six months from the date of the first oral examination).

- d. If the viva voce Board on the second occasion also evaluates the performance of the research scholar as not satisfactory, the matter will be referred to the Senate for a decision.
- e. The viva voce board may also recommend revision to be made in the final version of the thesis after taking in to consideration, suggestions of the examiners who evaluated the thesis and the discussion at the viva voce examination. The chairman of the viva voce board shall forward the thesis to the Academic section certifying that the revisions recommended by the viva voce board, if any, have been incorporated in the copy of the thesis along with the report of the viva voce board.
- f. All the research scholars shall submit one copy of the final form of the thesis in A5 size and an electronic version in pdf format after the GTC or the viva voce board recommends the award of the degree.

R.15 Award of M.S. Degree (by Research)

On the recommendation of the general test committee/viva voce board and the senate and with the approval of the board of governors of the institute, the research scholar will be awarded the M.S degree (by research).

R.16 Power to modify

Notwithstanding all that has been stated above, the Senate of the Institute / Chairman of the Senate will be the right to modify any of the above rules and regulations from time to time.

