



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

F.22/Dir/NIT(AP)/Senate/2012

Date : 18/06/2016

MINUTES OF THE 10TH MEETING OF THE SENATE OF NATIONAL INSTITUTE OF TECHNOLOGY, ARUNACHAL PRADESH HELD AT BOARD ROOM OF NIT, GUEST HOUSE, JHALUKBARI, GUWAHATI, ASSAM ON 18/06/2016 (SATURDAY) AT 10:00 AM.

The following members were present in the meeting:

1. Prof. C.T.Bhunja, Director -- Ex-Officio Chairman
2. Prof. Surabhi Banerjee, Ex-Vice Chancellor, Central University of Orissa – Member
3. Prof. Animesh Biswas, Professor, EE, IIT, Kanpur – Member
4. Prof. Parongama Sen, Professor, Physics, CUO
5. Dr. Mainak Mallik, HoD, CE – Member
6. Dr. M. K. Shome, HoD, MH – Member
7. Dr. U. K. Saha, DIC(E&A) - Invitee
8. Dr. Pinaki Chakraborty, DIC (R&D) - Invitee
9. Dr. A. K. Atta, DIC (P&D) - Invitee
10. Dr. N. K. Pramanik DIC (F&W) - Invitee
11. Dr. S. K. Metya, DIC (FW/F&A) – Invitee
12. Dr. A. Vanav Kumar DIC (SA) - Invitee
13. Shri Mohit Kr. De, Asst. Librarian - Invitee
14. Air Cmde (Retd.) Ajay Kumar, Registrar (i/c) - Non-member Secretary

At the outset, Chairman welcomed the newly nominated external members, namely Prof. Surabhi Banerjee, Prof. Animesh Biswas and Prof. Parongama Sen in the meeting. Chairman then put on motion the following:

- 1) A resolution for adoption in extending gratitude and appreciation to the outgoing members namely Prof. Dilip Kumar Sinha and Prof. Swapan Bhattacharjee for their guidance, co-operation and directions in Senate for enrichment of academic standard of the Institute.
- 2) Inclusion of Dr. N. K. Pramanik, Assistant Research Professor as Invitee Member of the Senate.
- 3) Adopting a resolution/instruction to Deans/HoDs that Research, Teaching and Administration as supplementary integral part of their duties and responsibilities and no component of the three is replacement to each other for which they are also to convey the said message to all members of faculty working under them.

Prof. Surabhi Banerjee complimented by extending congratulations for commendable progress of the Institute.

Senate accorded approval to all three motions.

1
18.6.2016
18/6/16
18/6/16
18/6/16
18/6/16

Agenda Item No.10.1: Confirmation of the Minutes of 9th Meeting of the Senate held on 20/03/2016 and Action Taken Report.

Decision: Minutes of the 9th meeting of the Senate were approved. Action taken report was noted and approved. The concept of calendar for extra- curricular and research activities to be held on 1st and 3rd Saturday of each month respectively by students and teachers were found to be wonderful and innovative in character.

Out of discussion on the Action Taken Report, it was resolved that maximum 1 (one) week Mid Semester break in even semester preferably during holi festival may be offered to the students.

Agenda Item No.10.2: Ratification of Results of End Semester Examination, Jan-June, 2016.

The summary of the End Semester Results (Jan-June, 2016, UG) are given below, however the details of End Semester Results (Jan-June, 2016, UG) are placed in ANNEX-10.1.

The Senate may consider the proposal & like to accord approval.

Decision: Ratified and approved. Statistical presentation of result was found to be impressive. The Senate proposed to constitute a result review committee to review the End Semester Result (Jan-June, 2016) in view of inconsistencies & discrepancies in results in reference particularly departments of Bio-Technology and Electronics & Communication Engineering. The chairman Senate/ Director was authorized to constitute the said committee.

Agenda Item No.10.3: Reporting of Gold Medal winners (Batch: 2012-2016).

National Institute of Technology Arunachal Pradesh is offering Gold Medals for under mentioned categories to its UG Students every year. This year following students are adjudged the Gold Medal winners for different categories (Batch: 2012-2016):

Sl. No.	Name	Roll No.	Branch	Name of the Medal	Scope
1	Vishnu Priya	CSE/12/24	CSE	Visvesvaraya Gold Medal	Highest Scorer in Technical Subjects
2	Bhawna Kumari	EEE/12/29	EEE	S. N. Bose Gold Medal	Highest Scorer in Science Subjects
3	Sourabh Prakash Roy	EEE/12/03	EEE	Tagore Gold Medal	Highest Scorer in Humanities Subjects

This year external experts recommended two best hardware projects for B. Tech students (Batch: 2012-2016), one from EEE department & other from ECE department. Recommendations of the committee are as under (ANNEX-10.2.)

Sl. No.	Name	Roll No.	Branch	Title of the best Hardware Projects	Name of the Medal
1	Arun Kumar	EEE/12/02	EEE	Design & hardware implementation of three	J C Bose Gold Medal
2	Ujjal Das	EEE/12/05			

Okema
18.06.2016

Amh
18.6.16

M. Sree
18/6/16

Ujjal
18/6/16

[Signature]

3	Ruchi Kumari	EEE/12/16		phase inverter for distributed generation system
4	Kanchan Bharati	EEE/12/20		
5	Lindum Tassar	ECE/12/07	ECE	Autonomous diagnostic system for traffic monitoring and management
	Rajesh Singh Parmar	ECE/12/11		
	Abhishek Kumar	ECE/12/17		

The Senate may consider the proposal & like to approve.

Decision: Approved as proposed. On the advice of Prof. Animesh Biswas, Senate approved to award Director's Gold Medal based on performance of academic & extra-curricular activities. The Senate also approved 40% weightage on performance for extra-curricular activities including Yoga/Sports/NCC/NSS activities and 60% to CGPA to award the above said Director's Gold Medal.

Agenda Item No.10.4: For noting and consideration for awarding degree of Ph.D, Master of Technology (MCC, EDM & ATEP) & Bachelor of Technology.

Details of Ph.D thesis evaluation report (Foreign Report & Indian Report), Defense/Viva-Voce examination report etc. in respect of Shri Santanu Maity, Assistant Professor, department of Electronics & Communication Engineering, National Institute of Technology Arunachal Pradesh, are placed in ANNEX 10.3. for formal approval/ratification for the award of Ph.D degree to Shri. Santanu Maity. Sri Maity did his work under the joint supervision of Prof. (Dr.) C. T. Bhunia, Director, National Institute of Technology Arunachal Pradesh and Prof. P. P. Sahu, Tezpur University, Tezpur, Assam.

Director/Chairman Senate being one of the supervisors for the Ph.D thesis dissociated himself from the process of evaluation and decision in regard to award of Ph.D degree.

- (i) Lists of M.Tech. degree awardees are placed in ANNEX-10.4
- (ii) Lists of B.Tech. degree awardees are placed in ANNEX-10.5

The senate may consider the proposal & like to accord approval as deem fit for.

Decision: Approved as proposed. Director disassociated himself from the decision.

Agenda Item No.10.5: Seeking approval to start Choice Based Credit Sysvem (CBCS) for UG Programmes.

In a meeting of Director with Deans & HoDs held on 07/04/2016 at 5:00 PM, it was decided to follow CBCS pattern for UG programs in which students can suggest electives/ inter disciplinary subjects. At least two papers in each of electives should be offered.

Summary of CBCS being introduced department-wise (Odd Semester):

Sl. No.	Department	Semester	Course Code	Course Title
1	CSE	3 rd	CSE-302	Data Structure & Algorithm
			CSE-303	Object Oriented Programming
		5 th	CSE-501	Operating System
			CSE-503	Database Management System
		7 th	CSE-701A	Bio-Informatics
			CSE-702A	Quantum Computing

[Signature]

[Signature]
18.06.2016

[Signature]
18.6.16

[Signature]
18/6/16

[Signature]
18/6/16

			CSE-705B	Information Coding Techniques
			CSE-706B	Pattern Recognition & Image Processing
2	ECE	3 rd	ECE-301	Electronics Circuit & Devices
			ECE-302	Electronics Instrument & Measurement
		5 th	ECE-521	Principle of Communication Engineering
			ECE-504	Digital Signal Processing
3	EE	5 th	EE-504	Embedded Systems
		7 th	EE-702B	Power Quality Issues & Remedial Measures
			EE-704A	Flexible AC Transmission Systems (FACTS)
			EE-704B	Sustainable Energy Systems
			EE-706A	Photovoltaic Device & System
4	BT	3 rd	BT-302	Principle & Chemistry of Food Preservation
		5 th	BT-503	Enzyme Technology
5	ME	3 rd	ME-302	Material Science & Engineering
		5 th	ME-504	Measurement & Metrology
6	CE	3 rd	CE-30XA	Water Supply & Sanitation Engineering
		5 th	CE-50XA	Engineering Hydrology

The Senate may consider the proposal to accord approval as deem fit for.

Decision: Approved as proposed. Once again congratulation to NIT family for initiative in starting CBCS curriculum.

Agenda Item No.10.6: Issues of 3rd convocation to be held on September, 2016.

The 3rd Convocation of National Institute of Technology Arunachal Pradesh is decided to be held in 14th September, 2016. It has been decided to invite **His Excellency, Shri J. P. Rajkhowa, Hon'ble Governor of Arunachal Pradesh** as a Chief Guest and **Hon'ble Chief Minister of Arunachal Pradesh, Shri Kalikho Pul**, as Guest of Honour for the occasion. It was also decided in the 9th Senate Meeting to confer the **Degree of D. Lit (Hony.) on Ms. Mamang Dai**, noted Poet & Novelist in the 3rd Convocation subject to approval of Hon'ble Visitor/President.

The Senate may consider the proposal for convocation to accord approval as deem fit for.

Decision: Approved as proposed.

Agenda Item No.10.7: Seeking approval of punishment on using unfair means in the examination.

In a meeting of Director with Deans & HoDs, it was discussed that, there were some lacunae in the existing Academic Rules & Regulations regarding malpractices during examination. In this context, Director proposed a committee to check the existing rules & frame rules if needed. The committee found that there were no concrete rules for the purpose. That is why committee framed new rules for punishment on using unfair means in the examination and placed here under:

[Signature]

[Signature]
18.06.2016

[Signature]
18.6.16

[Signature]
18/6/16

[Signature]
18/6/16

Suggested quantum of punishment on using unfair means in the examination:

To minimize the cases of adoption of unfair means in an examination, it is proposed to constitute a committee on “**Prevention of Examination Malpractices**” which may recommend appropriate measures in each case to the Chairman of the Senate for awarding the punishment.

The committee may be formed as given below:

- | | | |
|---|---|----------|
| i. Professor-in-Charge of Examination | - | Chairman |
| ii. Head of the Department to which the reported student belongs | - | Member |
| iii. The Invigilator reporting the case | - | Member |
| iv. The Paper-setter concerned | - | Member |
| vi. Two members of faculty nominated by the Director for a term of two years. | | |

The Committee shall recommend appropriate measures in each case to the Chairman of the Senate for awarding the punishment.

However, the quantum of punishment may be as under:

If any student is found using unfair means in the mid-semester / end semester examination, he may be awarded ‘F’ grade for that subject/course in which he has used unfair means and the student has to reappear in that course in the next year examination.

The Senate may consider the proposal to accord approval as deem fit for.

Decision: Senate approved to form a Disciplinary Committee consisting of the following members to decide on quantum of punishment related to unfair means in the examination and related such issues:

1. Dean (SA) - Chairman
2. Dean (E & A) - Member
3. All HoDs - Members
4. Invigilator concerned - Invitee
5. Legal Advisor - Invitee

Agenda Item No.10.8: Seeking approval of M. Tech syllabi for Mechanical System Design & Innovation Technology and VLSI Design and Embedded System.

The following committee was proposed to finalize the course structure & syllabus of M. Tech in Mechanical System Design & Innovation Technology:

- (i) Prof. Asish Giri, Professor, ME, NERIST
- (ii) Dr. U. K. Saha, Assoc. Professor, ME, IIT Guwahati.
- (iii) Mr. S. K. Mandal, TIC, ME, NIT AP

Accordingly the committee framed the course structure & syllabus for M. Tech in Mechanical Engineering and placed at **ANNEX-10.6**.

[Handwritten signatures and dates at the bottom of the page]
18.06.2016
18/6/16
18/6/16

Another committee was proposed to finalize the course structure & syllabus of VLSI Design and Embedded System (under ECE department) as under:

- (i) Prof. S. Sen, Professor, RPE, CU
- (ii) Dr. Gaurav Trivedi, Asstt. Professor, IIT Guwahati.
- (iii) Dr. S. K. Meteya, HoD, ECE, NIT AP

The committee finalized the course structure & syllabus of VLSI Design and Embedded System and placed at **ANNEX-10.7**.

The Senate may approve the above said syllabi/course structures.

Decision: The framed and submitted curriculum and syllabus for M.Tech programme in Mechanical System Design & Innovation Technology and VLSI Design & Embedded System, as found to be framed by Expert committee recommended and constituted by Senate, were duly approved.

Agenda Item No.10.9: Seeking approval of revised course structures for CE (7th & 8th Semester).

HoD, CE placed a proposal for change in existing syllabus/course structures for 7th and 8th semester.

There are **9 subjects** in seventh semester and one elective subject in eighth semester as per the existing COURSE structure. Generally during final year students are busy with the competitive exam as well as Campus interview. For this reason subjects are limited to **six for seventh semester and no other theoretical subjects for eighth semester**. This has been followed for all other streams except Civil Engineering (**Refer Appendix-A**).

In view of the above a proposal has been submitted to keep parity with other departments. The details of the proposal is placed at **ANNEX-10.8**.


The Senate may consider the proposal to accord approval as deem fit for.

Decision: Senate deliberated upon on the issue and gracefully noted as below:

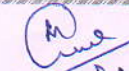
- a) Maximum number of course offered in IITs as reported by Prof. Animesh Biswas is 8 (eight) in a Semester.
- b) Number of courses required to be changed to be in parity of other courses is not agreed upon but based on academic requirement of the particular discipline.
- c) The idea of giving preference of job etc. is awfully wrong. Therefore, Senate approved that Department of Civil Engineering must offer minimum 8 (eight) courses in place of 9 (nine) suitably in the 7th Semester. The elective of 8th Semester may be shifted to other Semester as deemed fit for.

HoD, Civil Engineering was directed to settle the issue on departmental level as per above direction of Senate.

 6


18.06.2016


18.6.16


18/6/16


18/6/16

Agenda Item No.10.10: Ratification of Results of re-evaluation of answer scripts of End semester Examination (Online MBA), Jan-June, 2015.

A student of Online MBA appealed for re-evaluation/re-checking of answer scripts of End semester Examination (Online MBA), Jan-June, 2015, following all official formalities. The details Result of Re-Evaluation/Re-Checking is placed at ANNEX-10.9.

The Senate may consider the proposal & like to accord approval.

Decision: Approved as proposed.

Agenda Item No.10.11: Seeking approval of the proposal for extension of period for ONLINE MBA from 2 years to 2.5 years.

As per discussion with Director, it is find necessary to extend online MBA course duration from 2 years to 2.5 years. It may be mentioned here that Indira Gandhi National Open University, New Delhi is offering distance learning MBA within the minimum duration of 2.5 years and a maximum of 8 years. Therefore, it is proposed that Online MBA program of NITAP may be offered with the minimum duration of 2.5 years and a maximum of 4 years.

The Senate may discuss on the issue & like to accord approval.

Decision: Approved. Additional six months as in the proposal should be allocated for Industrial Project. Students have to carry out industrial project at any industry of their choice. Industry must be chosen by the student himself/herself. Projects are to be carried out at the cost of the students. Before starting project, the title of the project must be approved by the department of Management of Humanities, NIT, AP. Project evaluation will be done by department of Management (Hu), NIT, AP.

Agenda Item No.10.12: Reporting of re-alignment of various departments.

As per office order No. NIT/AP/Estt-08/2011-12/VOL-IV/345, dated 03.06.2016, department of Electronics & Communication Engineering and department of Computer Science & Engineering are integrated together as a single department under the name and style of “**Department of Electronics & Computer Engineering.**” Details are placed at ANNEX-10.10.

The Senate may consider the proposal & like to accord approval.

Decision: Noted.

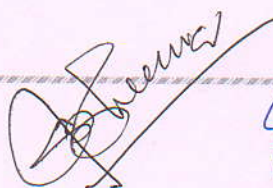
Agenda Item No.10.13: For noting and consideration of Minutes of 9th BoR.

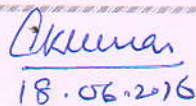
To be placed on table.

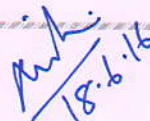
Decision: Noted & approved.

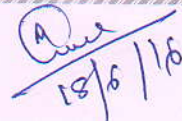
Agenda Item: 10.14: Misc if any with permission of Chair.

- i. Senate decided that henceforth, Ph.D course work will have:




18.06.2016


18.6.16


18/6/16


18/6/16

- a) Course code for each course.
- b) Credit in each course offered as course work.

DIC (R&D) is to submit a proposal on above in the next Senate for due approval.

*****The Meeting ended with Vote of thanks to the Chair*****

[Signature]
17/6/16

Akuma
18.06.2016

[Signature]
18.6.16

A. Cune
18/6/16

[Signature]
18/6/16