THE XVIIth MEETING
OF
SENATE

NATIONAL INSTITUTE OF TECHNOLOGY MEGHALAYA

MINUTES

DAY : Monday

DATE: 08.04.2019

VENUE: The Conference Room
        NIT Meghalaya
        Shillong

NATIONAL INSTITUTE OF TECHNOLOGY MEGHALAYA

Minutes of Seventeenth Meeting of the Senate held on 08.04.2019

The XVIIth Meeting of the Senate of NIT Meghalaya was held on 8th April 2019 at 10:00 a.m. in the Conference Room of the Institute at Bijni Complex, Shillong and the following members were present:

1.	Professor B.B. Biswal, Director, NIT Meghalaya	- Chairman
2.	Professor N. C. Shivprakash, Professor, IISC Bangalore	- Member
3.	Professor M.K. Paswan, Professor, NIT Jamshedpur	- Member
4.	Professor(Mrs.)N. Tripathy, Professor, IIM Shillong	- Member
5.	Prof. G. Panda, Professor, NIT Meghalaya	- Member
6.	Prof. A. Bhattacharjee, Professor, NIT Meghalaya	- Member
7.	Prof. H. C. Das, Professor NIT Meghalaya	- Member
8.	Dr. D.K. Sarma, Dean (Planning & Development)	- Spl. Invitee
9.	Dr. A. Banerjee, Dean (Student's Welfare)	- Spl. Invitee
10.	Dr. P. Rangababu, PIC (PG & R)	- Spl. Invitee
11.	Dr. L. Patton, HoD, CE, NIT Meghalaya	- Spl. Invitee
12.	Dr. D. S. Roy, HoD, CSE, NIT Meghalaya	- Spl. Invitee
13.	Dr. Ch.V. Rama Rao, HoD, ECE, NIT Meghalaya	- Spl. Invitee
14.	Dr. S. Das, HoD, EE, NIT Meghalaya	- Spl. Invitee
15.	Dr. B. Sarkar, HoD, ME, NIT Meghalaya	- Spl. Invitee
16.	Dr. M. Saha, HoD, MA, NIT Meghalaya	- Spl. Invitee
17.	Dr. K. Senthilkumar, HoD, PH, NIT Meghalaya	- Spl. Invitee
18.	Dr. A. S. Roy, HoD, CY, NIT Meghalaya	- Spl. Invitee
19.	Dr. S. Mangang, HoD, HS, NIT Meghalaya	- Spl. Invitee
20.	Dr. V. Pal, PIC (UG)	- Spl. Invitee
21.	Mrs. Ambika Rai, Asst. Regisrar(AA), NIT Meghalaya	- Spl. Invitee
22.	Mr. B. N. Choudhury, Registrar, NIT Meghalaya	- Secretary

External Senate member, Professor R. K. Sahoo could not attend the meeting due to health issues. Leave of absence was granted.

At the outset, the Chairman welcomed the members and the special invitees to the Seventeenth Meeting of the Senate. The Chairman introduced the new member of the Senate, Prof. (Mrs.) N. Tripathy to the gathering before taking up the agenda of the meeting.

Item No. 1: Confirmation of Minutes of the XVIth Meeting of the Senate of NIT Meghalaya held on 15.12.2018.

The Sixteenth Meeting of the Senate of the Institute was held on 15.12.2018 in the Conference Room of the Institute. The minutes of the meeting were circulated amongst the members of the Committee for their comments/ observations. No comments were received from any of the members.

R1/SENATE-XVII/19: *The Senate **Resolved** to **Confirm** the minutes of the XVIth Meeting of the Senate as circulated.*

Item No. 2 : Action Taken Report on the decision of the XVth & XVIth Meeting of the Senate.

Actions taken on the decision of the Fifteenth (few items which were yet to be resolved) and Sixteenth Meetings of the Senate were presented to the Senate.

R2/SENATE-XVII/19: *The Senate* **Noted** *the actions taken on the resolutions of the XVth & XVIth Meetings of the Senate and recommended on the following resolutions:*

-R9/SENATE-XV/18: As desired by the Senate in the XVIth Meeting, Dean (R&C) submitted a plan on Joint PhD Programme by Integration of Technical Institutions NITs with the National Laboratories during the XVIIth Senate Meeting.

The Senate **Recommended** *Dean (R&C) to communicate the modalities of the collaborative Ph. D Programme with funding agencies like NESAC, BARC, etc.*

-R10/SENATE-XV/18: As suggested by the Senate, 30 days of attendance during the first year is made mandatory for students admitted under the Ph.D Sponsored (part time) Programme. Monitoring of Attendance shall be maintained by respective Department. The attendance record has to be certified by the concerned HoDs and submitted to Academic Section during Ph.D registration.

-R11/SENATE-XV/18: The Senate in its XVIth meeting had recommended to revise Pt. 1.3 (internal employees) of M. Tech Part Time Programme.

The Senate **Recommended** *that a Committee consisting of the following members may bring the modalities pt. 1.3 of M. Tech Part Time Programme at NIT Meghalaya.*

1) Dean (AA): Chairman

2) All HoDs: Members

3) PIC (PG & R): Convener.

-R12/SENATE-XV/18: The Senate in its XVIth Meeting had recommended the Dean (AA) to revise the modality for conducting selection drives of M. Tech & Ph.D scholars from reputed Institutes.

The Senate **Recommended** *that a plan be presented to the Chairman, Senate, for approval at the earliest so that the selection drive can start from April 2019.*

3) R5/Senate-XVI/18: The Senate in its XVIth meeting had recommended taking approval of the BoG after suggesting rectification of the tuition fees under Ph.D Sponsored (Part Time) to Rs. 20,000/- only per semester from Rs. 17,500/- per semester as proposed. Further, the members also recommended that the tuition fees of Full Time Ph.D Scholars should be enhanced to Rs. 10,000/- only per semester from existing Rs. 7,500/- per semester from 2019 admissions onwards.

The Chairman Senate **Briefed** *the members that the proposal was placed before the BoG for approval on 1st April, 2019. The BoG insisted to retain the Tuition Fees of Full-Time scholars at Rs. 7,500/- only as all the other NITs follow the same rate of Tuition fees. However, the tuition fees of Ph.D scholars under Sponsored (part time) may be enhanced to Rs. 22,500/- only from July 2019 admission onwards*

The Senate **Resolved to Approve** *the increase of tuition fees for Ph.D Programme under Sponsored (Part-Time) to Rs. 22,500/- only from July 2019 admission onwards.*

R9(g)/SENATE-XVI/18: The Senate in its XVIth Meeting had asked the HoDs to submit a proposal for Merit-cum-Means (MCM) scholarship for the M.Sc. students (CY, PH and MA departments).

*The Senate **Recommended** that the proposal be prepared and placed before the Chairman, Senate for approval.*

Item No. 3:
Items for Ratification

a) Amendments in Academic Calendar 2018-19 (Spring 2019):

As per the Academic Ordinance, a semester shall be of minimum 65 instructional days excluding the days required for holding examinations. In this context, the existing Academic Calendar 2018-19 (Spring Semester) was extended by few days for Spring Semester 2019 and presented before the Senate for ratification.

SPRING SEMESTER (January-June,2019)

1	Registration	January 24-25, 2019
2	Commencement of Classes	January 28, 2019
3	Registration with Fine	January 28-Feb 1, 2019
4	Last Date of Registration	February 1, 2019
5	Ph.D Comprehensive Examination	February 6, 2019
6	Last Date for Change in Course Registration	February 11, 2019
7	Ph.D Comprehensive Exam Result Submission	February 11, 2019
8	Mid Term Examinations	March 18-25, 2019
9	Institute Day	April 1, 2019
10	Institute Cultural Festival (Shishir)	April 5-6, 2019
11	Mid Term marks entry into ERP Portal	April 10, 2019
12	Completion of Registration Seminar for all eligible Ph.D Scholars	April 30, 2019
13	Last day of Classes	April 30, 2019
14	Laboratory Examinations (for old batches)	May 1-3, 2019
15	Display of Internal Marks and its entry into ERP Portal	May 1-3, 2019
16	Pre-Registration Counseling with Faculty Advisors	May 2-3, 2019
17	End Term Examinations	May 6-15, 2019
18	Grade Submission	May 15-18, 2019
19	Result Analysis by UG-PEC and PG-PEC	May 20-21, 2019
20	Declaration of Results	May 31, 2019
21	Summer Break/Internship programme (for UG Students)	May 16- July 27, 2019
SUMMER TERM (June-July, 2019) & SUPPLEMENTARY EXAM FOR 7th & 8th SEM COURSES		
1	Registration for Summer Term & Supplementary Exam(7th and 8th Sem courses)	June 3-4, 2019
2	Commencement of Classes for Summer Term	June 3, 2019
3	Commencement of Mid Term Examinations for Summer Term	June 24, 2019
4	Commencement of End Term Exams for Summer Term & Supplementary	July 18-23, 2019
5	Submission of Grades	July 26, 2019
6	Declaration of Results	July 27, 2019

R3(a)/SENATE-XVII/19: *The Senate **recommended** that the end term exam should be over by 15th of May, 2019 so that the students will get sufficient time to complete their summer internships of two months. The Senate **Resolved to Approve** the Academic Calendar for Spring 2019 after incorporating few recommendations and the revised Academic Calendar presented above.*

b) Courses for Ph.D Programme under Sponsored (Part-Time) category:

The Ph.D scholars enrolled under Sponsored (Part-Time) category in January 2019 have been exempted from attending classes. However, they have to earn minimum 9 credits through the course work. The courses approved by the Senate Chairman are as follows:

1) Research Methodology as Compulsory Course
2) Two Departmental Courses (500/600 levels) suggested by the Supervisor and recommended by the DRC.

The Senate was requested to ratify the courses offered to the Sponsored (Part Time) Ph.D scholars.

R3(b)/SENATE-XVII/19: *The Senate **Resolved to Ratify** the courses offered to the Ph.D scholars under Sponsored (Part Time) Category.*

c) Withdrawing of prerequisite courses for MA 210& MA 203:

Mathematics Laboratory (MA210) (0-0-4: 2) and Scientific Computing MA 203 (3-0-0: 3) are the science courses offered by Mathematics Department to the 2nd year B. Tech students. MA 210 and MA 203 are being offered for the last time in Spring Semester 2019 after which MA 210 will be dropped and MA 203 will be offered as an Open Elective with lesser credits as per the new B. Tech Curriculum. On receiving a request from HoD, Mathematics, the Chairman, Senate had approved to withdraw the pre-requisite courses (MA101, MA102, CS101 for MA210 & CS101 for MA203) for these two courses as a special case so as to allow all the students to register for these courses in the Spring Semester 2019.

The Senate was requested to ratify the withdrawal of prerequisite courses for MA 210 and MA 203.

R3(c)/SENATE-XVII/19: *The Senate **Resolved to Ratify** the decision of the Chairman, Senate, to withdraw the pre-requisite courses for MA210 & MA203 from Spring 2019.*

d) Ratification of proposed courses (ME 516 & 518) by ME Department:

With consideration to the course work for Ph. D scholars under Sponsored (Part Time) Category, ME Department proposed two new courses Operations Management, ME 516 (3-0-0:3) and Supply Chain Management, ME 518 (3-0-0:3), as the department does not have Design and Manufacturing specialisation in the M. Tech. Programme. These courses were offered during spring 2019 with the approval of Senate Chairman.

The Senate was requested to ratify the courses proposed by the Department.

R3(d)/SENATE-XVII/19: *The Senate **Resolved to Ratify** the courses offered by ME Department to scholars under Ph.D Sponsored (Part-Time) Category.*

e) Certificate on conversion of CGPA to percentage.

NIT Meghalaya follows a relative grading system and there is no fixed formula to convert CGPA to equivalent percentage of marks obtained. However, for practical purpose, the following formula is being used:

% Secured = (CGPA*10)-5

On approval of the Chairman, Senate, a certificate mentioning the same has been uploaded in the Institute website for the benefit of students who require a certificate on the conversion of CGPA to percentage while seeking admission at other Institutes.

The Senate was requested to ratify the courses proposed by the Department.

R3(e)/SENATE-XVII/19: *The Senate **Resolved to Ratify** the formula proposed for the conversion of CGPA to percentage.*

Agenda Item

Item No.4: Recommendations of XIth APC meeting held on 3rd April 2019:

The XIth APC meeting was held on 03rd April 2019. The recommendations of the APC were presented before the Senate for approval.

Sl. No.	Item	Brief Details	Recommendation	Senate Resolution
a.	Proposal for 3rd & 4th semester course syllabi of B.Tech Programme offered by CE Department.	The DAC of the Department of Civil Engineering has prepared the syllabi for 3rd & 4th semester core, elective and lab courses for B.Tech Programme. Courses for 3rd & 4th semester are also prepared for consideration of the APC. **(Reference: Annex-III(a))**	**R1/APC-XI/19** *The APC resolved to recommend the course syllabi for approval by the Senate.*	**R4(a)/SENATE-XVII/19** *The Senate **Resolved to Approve** the 3rd & 4th semester course syllabi of B.Tech Programme offered by CE Department after incorporating minor modifications with the approval of chairman senate.*
b.	Proposal for 3rd & 4th semester course syllabi of B.Tech Programme offered by CS Department.	The DAC of the Department of Computer Science and Engineering has prepared the syllabi for 3rd & 4th semester core, elective and lab courses for B.Tech Programme. Courses for 3rd & 4th semester are also prepared for	**R2/APC-XI/19** *The APC resolved to recommend the course syllabi for approval by the Senate.*	**R4(b)/SENATE-XVII/19** *The Senate **Resolved to Approve** the 3rd & 4th semester course syllabi of B.Tech Programme offered by CS Department after incorporating minor modifications with the approval of chairman*

		consideration of the APC. **(Reference: Annex-III(b))**		*senate.*
c.	Proposal for 3rd & 4th semester course syllabi of B.Tech Programme offered by EC Department.	The DAC of the Department of Electronics and Communication Engineering has prepared the syllabi for 3rd & 4th semester core, elective and lab courses for B.Tech Programme. Courses for 3rd & 4th semester are also prepared for consideration of the APC. **(Reference: Annex-III(c))**	**R3/APC-XI/19** *The APC resolved to recommend the course syllabi for approval by the Senate.*	**R4(c)/SENATE-XVII/19** *The Senate **Resolved to Approve** the 3rd & 4th semester course syllabi of B.Tech Programme offered by EC Department after incorporating minor modifications with the approval of chairman senate.*
d.	Proposal for 3rd & 4th semester course syllabi of B.Tech Programme offered by EE Department.	The DAC of the Department of Electrical Engineering has prepared the syllabi for 3rd & 4th semester core, elective and lab courses for B.Tech Programme. Courses for 3rd & 4th semester are also prepared for consideration of the APC. **(Reference: Annex-III(d))**	**R4/APC-XI/19** *The APC resolved to recommend the course syllabi for approval by the Senate.*	**R4(d)/SENATE-XVII/19** *The Senate **Resolved to Approve** the 3rd & 4th semester course syllabi of B.Tech Programme offered by EE Department after incorporating minor modifications with the approval of chairman senate.*
e.	Proposal for 3rd & 4th semester course syllabi of B.Tech Programme offered by ME Department	The DAC of the Department of Mechanical Engineering has prepared the syllabi for 3rd & 4th semester core, elective and lab courses for B.Tech Programme. Courses for 3rd & 4th semester are also prepared for consideration of the APC. **(Reference: Annex-III(e))**	**R5/APC-XI/19** *The APC resolved to recommend the course syllabi for approval by the Senate.*	**R4(e)/SENATE-XVII/19** *The **Senate Resolved to Approve** the 3rd & 4th semester course syllabi of B.Tech Programme offered by ME Department after incorporating minor modifications with the approval of chairman senate.*

f.	200 level Open Elective course for 4th Semester B.Tech Programme offered by PH Dept.	The DAC of the Department of Physics has prepared a new 200 level course for 4th Semester B. Tech students. **(Reference Annex-III(f))** PH 272: Laser and Plasma Technology (2-0-0:2)	**R6/APC-XI/19** *The APC resolved to recommend the course syllabi for approval by the Senate.*	**R4(f)/SENATE-XVII/19** *The Senate **Recommended** to change the 4th semester course syllabi of B. Tech Programme offered by PH Department and present before the Senate in the next Meeting.*
g.	200 level Open Elective course for 4th Semester B.Tech Programme offered by CY Dept.	The DAC of the Department of Chemistry Department has prepared the syllabi for 3rd & 4th semester core, elective and lab courses for B.Tech Programme. Courses for 3rd & 4th semester are also prepared for consideration of the APC. **(Reference: Annex-III(g))**	**R7/APC-XI/19** *The APC resolved to recommend the course syllabi for approval by the Senate.*	**R4(g)/SENATE-XVII/19** *The Senate **Resolved to Approve** the 3rd & 4th semester course syllabi of B.Tech Programme offered by CY Department after incorporating minor modifications with the approval of chairman senate.*
h.	200 level Open Elective course for 4th Semester B.Tech Programme offered by MA Dept.	The DAC of the Department of Mathematics Department has prepared the syllabi for 3rd & 4th semester core, elective and lab courses for B.Tech Programme. Courses for 3rd & 4th semester are also prepared for consideration of the APC. **(Reference: Annex-III(h))**	**R8/APC-XI/19** *The APC resolved to recommend the course syllabi for approval by the Senate.*	**R4(h)/SENATE-XVII/19** *The Senate **Resolved to Approve** the 3rd & 4th semester course syllabi of B.Tech Programme offered by MA Department after incorporating minor modifications with the approval of chairman senate.*
i.	Proposal for 4th semester course syllabi of B.Tech Programme offered by HSS department.	The DAC of the Department of Humanities and Social Sciences Department has prepared the syllabi for 3rd & 4th semester core, elective and lab courses for B.Tech Programme. Courses for 3rd & 4th semester are also	**R9/APC-XI/19** *The APC resolved to recommend the course syllabi for approval by the Senate.*	**R4(i)/SENATE-XVII/19** *The **Senate Resolved to Approve** the 3rd & 4th semester course syllabi of B.Tech Programme offered by HSS Department after incorporating minor modifications with the approval of chairman*

		prepared for consideration of the APC. **(Reference: Annex-III(i))**		*senate.*

Item No. 5: New Curriculum for M.Sc Programme

One day curriculum development workshop for M. Sc Programme was conducted at NIT Meghalaya on 29th March 2019. The aim of the workshop was to design a state-of-the-art curriculum for M. Sc Programmes offered by MA, PH and CY Departments. The curriculum and syllabi were discussed and finalized. Following external experts were invited for the Workshop:

1. Prof. Tapan Kumar Nath, IIT Kharagpur, Physics Dept.
2. Prof. Saurabh Basu, IIT Guwahati, Physics Dept.
3. Prof. Samik Nanda, IIT Kharagpur, Chemistry Dept.
4. Prof. Samaresh Bhattacharya, Jadavpur University, Chemistry Dept.
5. Prof P.V.S.N Murthy, IIT Kharagpur, Mathematics Dept.
6. Prof. Rafikul Alam, IIT Guwahati, Mathematics Dept.

Final Curriculum structure and semester wise modal plan of the MA, PH and CY Departments were presented before the Senate for approval.

R5/SENATE-XVII/19: *The Senate **Resolved to Approve** the new Curriculum for MSc Programme as presented.*

Item No. 6: Academic Calendar for 2019-20.

As per the Academic Ordinance, a semester shall be of minimum 65 instructional days excluding the days required for holding examinations. However, it is proposed to reduce the instructional days in order to provide Summer Break of more than 65 days which will allow the students to complete minimum 2 months internship.

In consideration to the proposed change in the Academic Ordinance, the Academic Calendar for 2019-20 was proposed and the Senate was requested to approve the Academic Calendar for Academic Year 2019-20 along with the change in instructional days.

R6/SENATE-XVII/19: *The Senate **Recommended** to amend the Academic Ordinance, Pt. B (2) as "**Semester:** A semester shall consist of approximately 16 weeks. There are two regular semesters in an academic year, Autumn semester shall extend from the month of July to December and the Spring Semester shall extend from the month of January to May". In consideration to the proposed change in the Academic Ordinance, the Academic Calendar for 2019-20 Autumn Semester was placed before the Senate Chairman.*

Item No. 7: Last Date for Semester/Course Registration under any Programme

For Semester/Course Registration, students are usually given two days time to complete the registration without fine. Registrations for next 8 working days are permitted with fine and the student is allowed for registration till the last date. After the last fine date

registrations are closed except for those students who have taken prior approval from the Competent Authority.

The Senate was requested to recommend on the fine amount to be fixed during the period of registration with fine.

R7/SENATE-XVII/19: *The Senate **Resolved to Approve** the student may be allowed for Semester/Course Registration under any Programme along with the fine amount of Rs. 3000/- till last fine date as per academic calendar. The Senate also recommended that registrations should not be allowed after the last date of registration with fine, unless under extreme conditions and upon prior approval of the Authority. The senate also suggested to make separate notification prior to every semester.*

Item No. 8: Proposal to introduce two short term courses under SII-UKIERI Programme.

Study in India (SII) is introducing SII-UKIERI programme to support the employability of UK graduates by recognising the positive correlation between international experience, academic performance and graduate employability. The duration of the Programme is of minimum 2 weeks but can be extended up to a semester. The courses will be offered during June-July and courses to be offered and respective fee structures are tabulated as follows:

Sl. No	Course Name	Duration (in weeks)	Total Fee (in INR)					
			Component 1	Component 2	Component 3	Component 4	Component 5	Total (1+2+3+4+5)
			Course Fee	Caution deposit	Hostel rent	Food Charge	Transportation charge	
1	Finishing college training program for engineers	6	45,000/-	9,000/-	18,000/-	18,000/-	3,600/-	93,600/-
2	Industrial Robotics & Mechatronics	3	35,000/-	7,000/-	12,000/-	12,000/-	2,400/-	68,400/-

The first course will have four components:
1) Mathematics for a duration of one week to be offered by the Mathematics Department
2) Departmental Topics to be offered by respective Departments for 3 weeks.
3) Basic of business and accountancy to be offered for a week by Humanities and Social Sciences Department.
4) Soft-Skills course to be offered by the Center for Career Development.
The second course will be offered by the Center of Robotics & Mechatronics.
The Senate was requested to consider the proposal for approval.

R8/SENATE-XVII/19: *The Senate **Resolved to Approve** the proposal to introduce two short term courses under SII-UKIERI Programme during June-July, 2019.*

Item No. 9: Withdrawal of McM and Merit scholarships for B.Tech Programme.

As per Ordinance VI on "Award of Scholarships", the Institute offers Merit and Merit-cum-Means scholarship to B. Tech students from 2nd Semester onwards. 40% of the tuition fees for 5% of the top-performing students from each batch are waived. It is proposed to withdraw the Merit cum Means Scholarships from 2019 onwards as those admitted from 2016-17 onwards are eligible to apply for 'Fee Remittance' as per the MHRD norms and B. Tech Batch (2015-19) who have already availed this scholarship till Autumn 2018 will be passing out after this Spring Semester 2019.

It is also recommended to withdraw Merit Scholarship for B. Tech students as many external agencies are already offering various Merit Scholarships.

The Senate was requested to approve the withdrawal of Merit and McM scholarships as proposed.

R9/SENATE-XVII/19: *The Senate **Resolved to Approve** the withdrawal of Institute Merit & McM Scholarships from Spring 2019 onwards.*

Item No. 10: Minimum student requirement to offer a course in the Summer Term.

As the minimum students required for offering a course during the Summer Term is currently fixed at 10 students, only two courses were offered in last Summer Term 2018. It is proposed to reduce the number to 5 students to allow more number of courses to be offered during Summer Term 2019.

The Senate was requested to approve the proposed change for implementation from Summer Term 2019 onwards.

R10/SENATE-XVII/19: *The Senate **Resolved to Approve** the minimum student required to offer a course in the Summer Term as **20% of the enrolled strength** of the respective course.*

Item No. 11: Maximum duration for temporary discontinuation of course under any Programme.

As the Academic Ordinance does not mention about temporary discontinuation of course by students, it is proposed that a student may be permitted, on approval of the competent authority, to discontinue temporarily from the programme for a semester or longer period for reasons of medical problems or other valid reasons. However, a student will be permitted to discontinue from the programme only for a maximum duration of two semesters. However, upon re-joining the student should complete the Programme within the maximum period allowed for the Programme as per the Academic Ordinance.

The Senate was requested to approve the proposal as presented.

R11/SENATE-XVII/19: *The Senate **Resolved to Approve** the maximum duration for temporary discontinuation of course under any Programme as two semesters that may be allowed only with prior approval of the Competent Authority. The Senate further recommended that, the student should register and pay for all the semesters even during temporary discontinuation of the Programme for continuation of studentship.*

Item No. 12: Alumni Membership Fee

The Alumni Membership Fee of outgoing students is currently adjusted from their caution money deposit at the rate of Rs. 750/- only. It is proposed to include the Alumni Membership Fee in the fee structure from academic year of 2019-2020 onwards during admission at NIT Meghalaya. It is also proposed to increase the membership fee to Rs. 1000/- only for existing students.

The Senate was requested to approve the inclusion of Alumni Membership fees as proposed.

R12/SENATE-XVII/19: *The Senate **Recommended** to enhance the alumni fee to Rs. 2000/- only and to include Alumni Membership Fee in the fee structure from July 2019 onwards. It was further recommended that the student passing out in June 2019 may be charged with the existing alumni fee of Rs. 750/- which may be deducted from their caution money deposit. For existing batches who will pass out after 2019, Alumni Fees of Rs. 2000/- only may be adjusted from their caution money deposit on receipt of undertaking. Further, Dean (SW) was also requested to place this item in the Alumni Association, General Body Meeting.*

Item No. 13: Online Courses/Programmes

A letter was received from MHRD vide D.O.No 18-19/2018-DL, dated 6th Nov, 2018 (Annex-V(a)) that indicates NITs to deliberate on the possibility of offering online degree programmes either using courses which are already running in the NPTEL/SWAYAM portal or by developing course material specially for the programme not only to provide an opportunity for the working professionals to improve their qualification, but also improve the overall education system. It was advised to discuss this matter in the Senate and provide a list of online degree/diploma course that the Institute proposes to launch from the year 2019-20 and the modalities for transacting these academic programmes.

As MHRD wanted a prompt response, a letter was sent on 14th of February, 2019, (Annex-V(b)) mentioning that NIT Meghalaya does not offer online courses/programmes. However, the subject will be taken up in the next Senate Meeting.

The Senate was requested to discuss and recommend in this matter.

R13/SENATE-XVII/19: *The Senate **Recommended** not to introduce online courses/Programmes at NIT Meghalaya.*

Item No. 14: Reporting Items

The following items/activities were put up to the senate as reporting items:

a) **International Conference on Innovations in Electronics, Signal Processing and Communication (IESC):**

The Department of Electronics and Communication Engineering organized an IEEE Technically Co-sponsored 2nd International Conference on Innovations in Electronics, Signal Processing and Communication (IESC 2019) during 1st & 2nd March 2019 at State Convention Centre, Shillong. Almost 150 delegates participated in the conference.

The conference received a total of 169 submissions. After a thorough peer review process, 60 papers were selected for presentation in the conference. The following leading experts in their fields delivered keynote/invited talks during the conference.

Experts	Organization and Designation	Keynote Speech on
Prof. Ganapati Panda	Former Deputy Director, Indian Institute of Technology Bhubaneswar Bhubaneswar, Odisha, India.	Intelligent Signal Processing
Dr. N.N.S.S.R.K. Prasad	Scientist `H', Outstanding Scientist, Technology Director (LCA Payloads) and Aeronautical Development Agency (ADA), Bangalore.	Innovations of Avionics Sensor Technologies for a Combat Aircraft.
Dr. P. H. Rao	Scientist, SAMEER – Centre for Electromagnetics.	Massive MIMO and Phased Array Antenna Configurations for Indigenous End to End to 5G Test Bed.
Dr. Manish Mathew	Senior Scientist, CSIR-CEERI, Pilani.	Growth and Fabrication of Different III-Nitride Semiconductor Material and Their Applications.

b) UK Visit by M.Tech & Ph.D Scholars, EE Dept. under JUICE scheme:

Mr. Kaibalya Prasad Panda, Ph.D. Scholar and Mr. Prabhat Ranjan Bana, M.Tech Scholar from the Department of Electrical Engineering have visited UK under Joint UK-India Clean Energy Centre (JUICE) two-month exchange program scheme. Mr. Kaibalya has worked in the area of "Power quality control in a reduced switch multilevel inverter interfacing with photovoltaic system" at University of Warwick, UK from 23rd January to 3rd March, 2019 under the supervision of Prof. Jihong Wang and Dr. Oleh Kiselychnyk. Mr. Prabhat visited to Cardiff University, UK during the same duration and worked in the same field under the supervision of Prof. Jianzhong Wu. The Scholars have visited UK with financial support from JUICE and TEQIP-III.

c) Student research mobility program with MITACS, Canada:
Under student research mobility program with MITACS, Canada, 4 students of the Institute are selected to spend 12 weeks (between May and September 2019) in Canada under a research project in their area of interest. The total expenditure per student per internship is $ 15000 CAD. MITACS will take care for research

expenditure, supplementary programming and accommodation at the estimated cost of $ 11000 CAD per student and the remaining expenditure will be borne by the Institution through financial assistance from TEQIP III funds.

d) Advertisement for Ph.D Programme under Full-Time and Sponsored (Part-Time) for Autumn 2019.

Advertisement for Ph.D Programme under Full-Time and Sponsored (Part-Time) category for Autumn Semester 2019, across all the departments, has been advertised in the Institute Website as well as in Local (The Shillong Times)and National (The Times of India) Newspaper. The start date for filling-up the online applications is 3rd of April 2019 and the last date of receipt of hardcopy of application along with testimonials is 10th of May 2019.

R14/SENATE-XVII/19: *The Senate **Noted** the reporting items as presented.*

Item No. 15: Any other Items with the permission of the Chair

a) Internship period for 2nd Year M. Tech students:

Few students are requesting to attend long duration Internship during the 2nd year of M. Tech programme. The Senate was requested to recommend a period for which to student may be allowed to join in such internship programme.

R15(a)/SENATE-XVII/19: *The Senate **Recommended** that 2nd year M. Tech students may be allowed for internship of more than 2 months or may even be allowed to complete the Project Work outside the Institute subject to the following conditions:*
1) On strong recommendation of allotted supervisor via DAC.
2) A Co-Supervisor must be allotted from the Organisation where the student will be carrying out his/her Internship. The student will have to appear for all the progress seminars and viva voce examination at the Institute in the presence of Supervisor(s). Further, the scholar will have to provide an undertaking stating whether he/she is receiving any stipend from the other organisation. He/She will be allowed to avail only one scholarship

b) Ph. D Scholars Discontinuing from Course:

Few of the Ph. D Scholars drop the Programme mid-way and request the Authority to approve their discontinuation of course and also refund the caution deposit amount. However, all the Ph.D (full-time) scholars are recipients of scholarships/stipend/fellowship from various sources. The Chairman, Senate, requested the Senate to recommend in this matter.

R15(b)/SENATE-XVII/19: The *Senate **Recommended** that any scholar leaving the Ph.D Programme before completion of the first two years should refund the full scholarship received from the Institute during his/her studentship. Further, it was recommended to collect an undertaking from the student during time of Ph.D admission. In exceptional cases, where the Institute terminates the studentship of scholar, he/she may be exempted from refunding the scholarship availed. It was also suggested to incorporate this clause in the Ph.D Regulation.*

The meeting concluded with thanks to and from the Chair.