राष्ट्रीय प्रौद्योगिकीसंस्थानमिजोर NATIONAL INSTITUTE OF TECHNOLOGY MIZORAM

(An Institution of National Importance under Ministry of Education, Govt. of India) CHALTLANG, AIZAWL, MIZORAM - 796012

MINUTES OF THE 17THMEETING OF THE SENATE, NIT MIZORAM HELD THROUGH GOOGLE MEET ON 14TH DECEMBER, 2021 AT 11:00 AM

Members present in the meeting:

1	Prof. Saibal Chatterjee Director (T/C), NIT Mizoram.	Chairman
2	Prof. A. T. Khan, Department of Chemistry, IIT Guwahati	Member
3	Prof. Sukumar Nandi, Department of CSE, IIT Guwahati	Member
4	Prof. Sudeshna Purakayastha, Department of History, Assam University, Silchar	Member
5	Prof. Biswajit Mahanty, Industrial and Systems Engineering, IIT Kharagpur	Special Invitee
6	Prof. Saibal Chatterjee, Professor (EEE) and Dean (Acad)	Member
7	Dr. Alok Shukla, Associate Professor, BS&HSS (Physics) & Dean (SW), NIT Mizoram	Invitee
8	Dr. P. Ajmal Koya, Associate Professor, BS&HSS (Chemistry) & Dean (R&C), NIT Mizoram	Invitee
9	Dr. K. Gyanendra Singh, Associate Professor, BS&HSS (Economics) & Dean (FW), NIT Mizoram	Invitee
10	Dr. Pabitra K. Biswas Asst. Professor & Associate Dean (Acad), NIT Mizoram	Invitee
11	Dr. Bidesh Roy, Asst.Professor & Associate Dean (SW) NIT Mizoram	Invitee
12	Dr. H. Lalhmingsanga, Asst. Professor &HoD, Deptt. of ME, NIT Mizoram	Invitee
13	Dr. Anumoy Ghosh, Asst. Professor &HoD, Deptt. of ECE, NIT Mizoram	Invitee
14	Dr. Ricky Lalthazuala, Asst. Professor &HoD, Dept. of CE, NIT Mizoram	Invitee
15	Dr. Shuchi, Asst. Professor (English) &HoD, Deptt. of BS & HSS, NIT Mizoram	Invitee
16	Dr. Sandeep Kumar Dash, Asst. Professor &HoD, Deptt. of CSE, NIT Mizoram	Invitee
17	Dr. Krishnarti De, Asst.Professor & HoD, Department of EEE	Invitee
18	Dr. Surender Ontela, Asst. Professor (Math) & Faculty I/C, Examinations	Invitee

	Ars. Lalthianghlimi Zote /c Registrar, NIT Mizoram Secretary
Dr. R. S. Dh attend the	ar, Asst Prof. (ECE), Convenor, IIC, NIT Mizoram was also invited to neeting.
SNT 17.	1 Welcome address by the Chairman
	The Chairman, Senate welcomed all the members present thanked them for sparing their valuable time for the Institute. He the opportunity to introduce the newly appointed invitees - Pabitra Kumar Biswas Associate Dean (Academics), Dr. Bidesh Associate Dean (Students Welfare), Dr. Sandeep Kumar Dash, Ho CSE Departmentand Dr. Krishnarti De, HoD of EEE Department.
SNT 17.2	Confirmation of the minutes of the 16 th Senate Meeting held 24 th July, 2021 by video-conferencing. Background:
	This is to place before the Senate the proposal for confirmation the minutes of the 16 th meeting of Senate held on 24 th July, 2021 NIT Mizoram, Aizawl through video-conferencing. Copy of

25-39.

SNT 17.3

SNT 17.4

Confirmed

conferencing.

page no. 40-53.

MEETING.

Background:

Decision of the Senate: Approved and confirmed

Background:

Decision of the Senate:

meeting minutes is placed at Annexure- I of SNT 17.2 at page no.

Confirmation of the action taken on the resolution of 16thmeeting of Senate held on 24th July, 2021 by video-

On the basis of the resolution taken during the 16th Meeting of the Senate held on 24th July, 2021by video- conferencing, the action taken by the Institute is placed at **Annexure – I of SNT 17.3 at**

REPORT OF AWARD OF Ph.D DEGREE AFTER THE LAST SENATE

This is to inform the Senate of the development which has taken place after the last Senate meeting regarding award of Ph.D degrees. The report of Ph.D award for Mr. Jibin T. Philip, Enrolment No. DT17ME005, Department of Mechanical Engineering (serial number 5

Minutes of 17th Meeting of Senate, NIT Mizoram held on 14th December, 2021

in the table below) was missed to be placed in the 16th Meeting of Senate held on 24th July, 2021. There are four more candidates who have been awarded Ph.D degree and as decided in the 16th Senate Meeting under SNT 16.6, detailed report of Ph.D awardees are placed at **Annexure - I of SNT 17.4 at page no. 62-63.**

Sl No.	Name of the Ph.D degree awardee	Dept.	Title and Thesis
1	Ms. Shingmila Hungyo	ECE	In-situ Modelling and Simulation for Design and Development of Solar Cell for Enhanced Performance
2	Mr. Nripesh Kumar	Physic s	Studies of Structural, Dielectric, Electrical and Magnetic Characteristics of Some Lanthanides Substitution at the Iron-site of Bismuth Ferrite Multiferroic Ceramics.
3	Mr. L. Thansanga	Physic s	Effect of Gd, Dy and Y Substitution on Structural, dielectric, Impedance and Magnetic Properties of Bismuth Ferrite.
4	Mr. Goutam Majumder	CSE	Deep Interpretable Semantic Textual Similarity (DeepiSTS).
5	Mr. Jibin T Philip	ME	Numerical Modelling, Simulation and Experimental Investigation to Improve the Surface Tribological Properties of Ti-6AI-4V through Developing Electrical Discharge Allowing.

In line with Clause 26 of the Ph.D Regulations (2018), Provisional Certificates have been issued to the above candidates.

The Senate may take note of it and the proposal for awarding the degrees shall be placed when the Institute organizes the Convocation.

Decision of the Senate:

Noted and shall be placed in the ensuing Board of Governors meeting.

SNT 17.5 REPORT ON ENGAGEMENT OF TEMPORARY FACULTIES AT NIT MIZORAM Background:

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		This is to inform the Senate regarding fresh recruitment of Temporary Faculties at NIT Mizoram. The recruitment was made vide Advt No. NITMZ/R-2-12/TF/2021/1737 dated 08.07.2021 for the various departments at NIT Mizoram. A Detailed report on the recruitment and appointment of Temporary Faculties at NIT Mizoram is placed at Annexure - I of SNT 17.5 at page no. 64-67 .
		This is placed for information of the action taken for engagement of 7 Temporary Faculty for the Departments of ECE, ME, CE & CSE. Decision of the Senate:
		Dr. K.G Singh, the then Dean (FW) presented the report of temporary faculty recruitment done for various Academic Departments as requested by the Chairman, Senate.
		The matter was noted but members felt that recruitment is an administrative matter and this item may be placed in FC, BOG as the Senate is concerned with the academic activities.
	SNT 17.6	REPORT ON M.TECH ADMISSION 2021
		Background:
		This is to inform the Senate on the status of M.Tech admission during the Academic Session July-Dec 2021. NIT Mizoram has participated in the CCMT 2021 and acted as online Help and Counseling Centres for admission into M.Tech Programme of the Institute. Through CCMT 2021 NIT Mizoram did not get any student for M.Tech admission for the Academic July-Dec 2021.
		As there was no admission through CCMT 2021, NIT Mizoram organized Institute Spot Round for the Academic Session 2021 similar to year 2020 in four departments viz. CSE, ECE, EEE & ME and a total of 11 students took admission in all the four Departments based on the Category Seats. A detailed report in this regard is placed at Annexure - I of SNT 17.6 at page no. 68 .
		The matter is placed before the Senate for information.
		Decision of the Senate: Dr.Rudra Sankar Dhan Contro i /a COMT
		Dr.Rudra Sankar Dhar, Centre i/c CCMT was requested to present the report on the admission of M.Tech for the year 2021-22.
		The report was noted.

The members deliberated on the performance of the Institute in M.Tech admission through CCMT 2021 which is a matter of great concern for the Institute. The reasons may be varied but the faculty needs to take a proactive part in this issue. It was also discussed that similar Institutes of the NE Region are facing the same problem. Hence, an alternate Counseling process may be devised by the Institutes together to augment the Central Counseling process. Another suggestion discussed was regarding relaxing the criteria of selection. Eligibility options may be made wider for other branches of B.tech to opt for a particular branch in M.Tech programme.

In the light of the discussion it was decided that the matter may be discussed at the Institute level and proposal be placed in the Senate.

SNT 17.7 TO RATIFY THE CHANGE OF BRANCH OF B.TECH STUDENTS DURING 2021.

Background:

This is to bring to the information of the Senate that as per the B.Tech Curricula 2012 under Clause 7.2 "....the Institute may permit a. few students subject to their fulfilling the prescribed conditions to change over from one branch to another, after two semesters of continuous studies", change of branch was considered for students who have cleared B.Tech 1 year.

Out of 46 students who applied for change of branch, 19 eligible students were found eligible and approved by the Chairman, Senate. Details of the students allotted the change of branch is placed at **Annexure - I of SNT 17.7 at page no. 69-72.**

The matter is placed for information and ratification of the approval of the Chairman, Senate

Decision of the Senate: Noted and Ratified the approval of the Chairman, Senate

SNT 17.8 TO RATIFY THE SEAT MATRIX FOR CSAB 2021 WITH EWS PROVISION

Background:

The Ministry of Education vide letter F.No.12-4/2019/U-1 dated 17.01.2019 placed as **Annexure-I of SNT.17.8 at page no. 73-75** and letter F.No.35-4/2018-TS.III dated 05.08.2021 at **Annexure II of**

SNT.17.8 at page no. 76-88 for implementation of EWS by 10 NITs including NIT Mizoram, the Seat Matrix for CSAB 2021 has been reworked with EWS provision calculated on the principle adopted for formulation of seat matrix. With this, distribution of different categories against seat allocation, roster/set IDs, distribution matrix of the remaining seats against set ids, Distribution matrix of 2020-21 and 2021-22 has been worked out.

The matter was discussed during the Meeting with Deans and HoDs on 31.08.2021 through Video Conferencing. The meeting discussed and recommended for approval of the competent authority for further submission to CSAB 2021. Minutes of the meeting is placed at **Annexure-III of SNT 17.8 at page no. 89-91.** The Seat Matrix for CSAB 2021 with EWS is attached with this file as **Annexure-IV of SNT 17.8 at page no. 92-100.**

The approved Seat Matrix for CSAB 2021 with EWS is placed at **Annexure-III of SNT 17.8 at page no. 89-91.**

The matter is placed before the Senate for ratification.

Decision of the Senate:

Ratified the approval of the Chairman, Senate. To be placed in ensuing BOG.

The Dean(Acad) informed that the actual number of students admitted as on date is 168 against the seat matrix with EWS provision of 190. The members voiced concern that while the seats are being raised, the strength of students would undoubtedly increase. After one or more semesters in online mode the students may be physically back to the campus. Hence, proper administrative planning on the infrastructure (classrooms and hostels) needs immediate attention.

SNT 17.9 PROPOSAL FOR RATIFICATION OF THE APPROVAL ACCORDED BY THE CHAIRMAN, SENATE FOR EXTENSION OF THE DURATION OF THE Ph.D COURSE

Background:

Clause 19(ii) of the Ph.D Guidelines of the Institute provides the duration of the Ph.D programme as"*The maximum duration of the Ph.D programme is 5 years for a Full Time student and 6 years for a Part-Time student from the date of admission*". Although this is so, on account difficulties arising due to Covid pandemic special consideration have been given to students in the 16th Senate meeting on 24.07.2021. Similar cases of Ph.D students who have been found having genuine problems have been recommended by the respective

Doctoral Committee for extension of the duration for completion of Ph.D programme.

Upon considering the progress made by the students and the recommendation of the respective DCs, the Chairman, Senate accorded approval for extension of the duration as requested.

Name of the Supervisor	Dr. K. Gyanandra Singh, Asso.Professor
Department	BS & HSS (Economics)
Date of admission	17.09.2015
Topic of the research	"Economic Valuation of Wetlands: A Case Study of Loktak Lake, Manipur".
Date of completion of the 6th year	30.06.2021 (12th Semester)
Progress made so far	* Completion of 4th progress seminar * Submitted two journal papers
Extension granted	1 year (2 Semesters drop)

1.Mr. Prasanta Leichombam DH15HS003 (Project Staff):

2.Mr. Morangthem Prakash Singh DH15HS001(Part-Time):

Name of the Supervisor	Dr. K. Gyanandra Singh, Asso.Professor
Department	BS & HSS (Economics)
Date of admission	11.09.2015
Topic of the research	"Costs of Armed Conflict in Manipur".
Date of completion of the 6th year	30.06.2021 (12th Semester)
Progress made so far	* Completion of 2nd progress seminar * Submitted a journal paper
Extension granted	2 year (4 Semesters drop)

3. Mr. Santosh Borkakati DH15HS002 (Part-Time)

Name of the Supervisor	Dr. K. Gyanandra Singh, Asso.Professor
Department	BS & HSS (Economics)
Date of admission	15.09.2015
Topic of the research	"State Finances of Assam: An Analysis with Special Reference to Debt Sustainability".
Date of completion of the 6th year	30.06.2021 (12th Semester)
Progress made so far	 * Completion of 3rd progress seminar * Submitted two journal papers. * DC recommended submission of thesis
Extension granted	1 ¹ / ₂ years (3 Semesters drop)

Mr. Suman Jana DT16EE002 (Regular)

4.

	Name of the Supervisor	Dr. P.K. Biswas,
	Department	Asst. Professor
		EEE
	Date of admission	28.02.2017
	Topic of the research	"An improved model to harvest energy from high-voltage lightning surge".
	Date of completion of the 5th year	31.12.2021 (10th Semester)
	Progress made so far	 * Completed the 4th progress seminar * Submitted eleven journal papers. * DC recommended submission of thesis
	Extension granted	1 Semester drop
	i mo students is placed for	Senate for granting extension to the above ratification of the Senate.
Senate Sel	Decision of the Senate: Ratified the approval of t	the Chairman Sonato
-	The members opined t prescribed for completi	hat the rules regarding the duration
SNT 17.10	The members opined to prescribed for completing time students may be re- students and the Institute REQUEST RECEIVED FROM RE-EXAMINATION FOR CO Background:	hat the rules regarding the duration on of Ph.D degree by regular or par elaxed so that difficulties faced by the e can be solved to a great extent. M FAMILY OF A STUDENT TO CONDUC OMPLETION OF DEGREE
	The members opined t prescribed for completi- time students may be re- students and the Institute REQUEST RECEIVED FROM RE-EXAMINATION FOR CO Background: The Senate may be inform Sateesh Kumar Kanaujiya, pursue B.Tech Programme	hat the rules regarding the duration on of Ph.D degree by regular or par elaxed so that difficulties faced by the e can be solved to a great extent.

examination of the 8th Semester to complete the B.Tech Programme

In this regard, Clause 13.3 of the Curricula of B.Tech Programme 2012 provides the following. -

"Normally a student should complete all the requirements consecutively in eight semesters for B. Tech degree. Academically weaker students may be granted time up to 12 semesters to complete all the requirements for B. Tech. Degree a student has two chances to clear".

Copy of the Curricula of B.Tech Programme 2012 is placed at Annexure - I of SNT 17.10 at page no. 101-134.

Had the student given effort to clear the backlogs immediately after the 8th Semester, he would have completed the course by June 2019 within the maximum period of 2 years or 12 Semesters.

The above being the provision of the Curricula of B.Tech Programme 2012, granting of permission to clear the B.Tech Programme after a lapse of 4 years i.e counting from June 2017 is beyond the provision of the Curricula of B.Tech Programme, 2012.

The matter is therefore, placed before the Senate for perusal and advice.

Decision of the Senate:

The student may be allowed to register in the next academic session on humanitarian ground.

This however, will not be taken as a precedence and such cases will be taken up on case to case basis.

SNT 17.11

TO PLACE THE REPORT OF THE ENQUIRY COMMITTEE INTO THE ALLEGED CASE OF PLAGIARISM BY MR. PRAGATI SINGH. A PART-TIME Ph.D SCHOLAR OF NIT MIZORAM FOR DECISION OF THE SENATE

Background:

In referring the point discussed under SNT 16.11 in the 16th meeting of Senate on 24.07.2021, action taken on the decision of the Senate and the development as informed to the Senate members is reiterated below:

1. Dean Academics sent an email on 25th July to Prof. S. Baishya, NIT Silchar, supervisor of Mr. Pragati Singh for authentication of the email of Dr. A. Chatterjee on 4th Oct 2020. The reply from Prof. S. Baishya was received on 26th July 2021 and circulated

Page 9

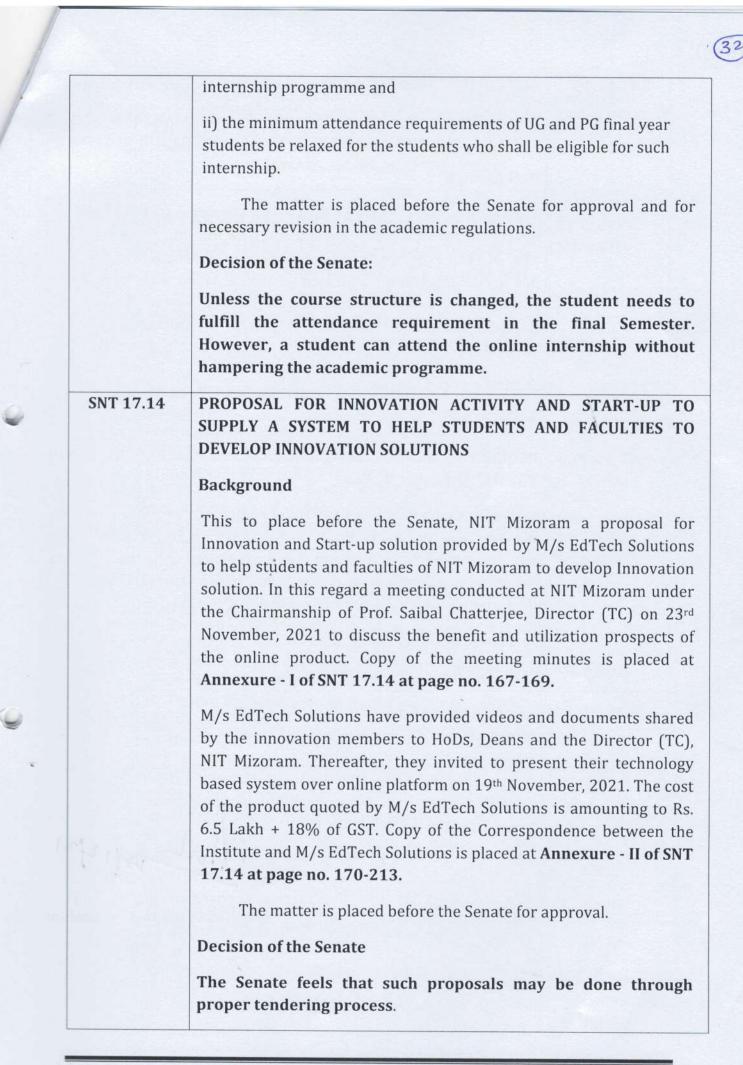
to the members of the Senate on 26th July 2021.

- 2. On 2nd Aug 2021, the legal notice on behalf of Dr. A. Chatterjee to Mr. Durg Vijay Singh, Secretary, Prarabdh NGO, the copy of which was sent to Dean Academics was also circulated to the Senate members. The reply to the said legal notice was given on 20th September 2021 and a copy was sent to the email of Dean academics and also circulated to the members of the Senate.
- 3. Mr. Pragati Singh also sent some documents to clarify his point of view to Dean Academics on 12th August 2021 which was also sent to the members of the Senate on the same day.
- 4. Out of 5 members and a Special Invitee, Dr. A.T Khan, IIT Guwahati responded on 16.08.2021 with an advice to seek legal advisory whether *"any point is mentioned regarding the conflict about the research publication...."*.
- 5. Thereafter, the Director (Temporary Charge), Dean (P&D) & Academics i/c i.e Prof. Saibal Chatterjee then sought legal advice from Prof. Dilip Ukey, Vice Chanceller, Maharashtra National Law University, Mumbai on matters concerned with the Legal Notice received by the Director (Temporary Charge), Dean Academics connected to the Ph.D thesis, vide mail dated 18.08.2021, as there is no legal advisor appointed in NIT Mizoram.
- 6. Prof. Dilip Ukey, Vice Chanceller, Maharashtra National Law University, Mumbai thereafter advised Prof. Saibal Chatterjee, Director (Temporary Charge) and Dean (Acad) on 28th Aug 2021 to constitute a Committee to enquire about the said issue and to act in line with the recommendations/suggestions.
- 7. Subsequently, the Director (Temporary Charge) constituted a Committee to enquire into the alleged case of plagiarism by Mr. Pragati Singh, a Part-time Ph.D student and Assistant Professor (Adhoc) of the Department of ECE. The Committee is to submit the report and recommendation after 3 months from the date of issue of the letter vide Order No.NITMZ/Adm/20-7/2021/2067 dated 23.09.2021, The information had been shared to all the members, invitees of Senate and DC members of Mr. Pragati Singh. The said enquiry committee consists of :
 - Prof. Debatosh Guha, Institute of Radio Physics and Electronics, Calcutta University, Associate Editor of IEEE Transaction of Antennas and Propagation (google scholar h index – 35) as Chairperson
 - Prof. K. P. Ray, Director, School of Radar Technology, DIAT, DRDO, Ministry of Defence, Pune (google scholar h index –

	(
	29) as Member iii. Dr. K. Gyanendra Singh, Associate Professor, Dept. of BS & HSS as Convenor.
	Copy of the Order is placed at Annexure - I of SNT 17.11 at page no. 135-136.
	8.After a thorough examination of all the documents and online sessions conducted with all the persons involved with the case and additional information obtained from the persons involved, theEnquiry Committee submitted its findings to the Institute on 30.11.2021
	The Enquiry Report is therefore, placed before the Senate for information and decision. Copy at Annexure - II of SNT 17.11 at page no. 137-139.
	Decision of the Senate:
	Noted. The matter may be closed. The genuineness of the 3rd paper published may be ascertained and the student may be allowed to submit the thesis as per the PhD regulations of the Institute.
SNT 17.12	TO PLACE THE REPORT OF THE RE-EVALUATIONCOMMITTEE FOR MAL 1101 FOR DECISION OF THE SENATE.
	Background:
	In referring the point discussed under SNT 16.7 in the 16 th meeting of Senate on 24.07.2021 regarding the need for re-evaluation of the marks and the grading given for MAL 1101 bythe Course Coordinator Dr. Vinay Singh, Asst. Professor, a Re-Evaluation Committee was constituted as decided. Copy of theOrder is placed at Annexure-I of SNT 17.12 at page no 140 .
	Report of the re-evaluation of the marks and grading have been submitted by the Committee which is placed at Annexure-II of SNT 17.12 at page no 141-142.
	The report is placed before the Senate for information and decision.
	Decision of the Senate:
	The members made a long deliberation over this matter as it is an unfortunate incident where a faculty has failed to perform his duty diligently and the students are made to suffer because of the delay in finalising the marks obtained. The faculty

Page 11

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•		 concerned had written to the Prime Minister's Office and also sent a threatening mail to all the Senate members on the eve of holding the 17th Senate meeting. The external members and the expert felt perturbed by the threatening email of the concerned faculty. The report relates to re-evaluation of the grading while the faculty thinks his action is being inquired into. Taking the consensus opinion of the Deans, Associate Deans and Habe the faculty is a faculty.
		 HoDs the following steps may be taken: i) Re-grading of the results of the students by the Course Instructor with all the HoDs involved in the re-grading. ii) Explanation of the previous grading with all the documents to be provided. iii) Action of the faculty i.e approaching the PMO without the forwarding of the authority should be enquired and action to be taken as per the rules. iv) Constitution of Grievance Cell in the Institute.
	SNT 17.13	PROPOSAL FOR RELAXATION OF ATTENDANCE INTHEFINAL SEMESTER OF UG AND PG COURSES TO AVAILINTERNSHIP PROGRAMME. Background:
•		This is to bring to the information of the Senate that a common requirement of various companies is to mandate a 6-month internship before offering a full-time role. This internship is done during the final semester/year of the student. Several other NITs and CFIs allow their students to pursue these opportunities. As such, many of the final year students applied for permission to undergo the internship programme. Copies of the applications and the companies offering such internships programmes are placed at Annexure-I-V of SNT 17.13 at page no 143-166 .
		This is beneficial for the students and by extension to the institute it is anticipated that the placement opportunities would be greatly increased while the placement at this stage is rather low.
		In view of the need to keep abreast with the demand for better placement opportunities, it is proposed that:
		i) eligible students of NIT Mizoram may be allowed to undergo the



SNT 17.15	ANY OTHER BUSINESS WITH THE PERMISSION OF THE CHAIR.
SNT 17.15.1	RATIFICATION OF THE APPROVAL OF CHAIRMAN, SENATE FOR M.TECHACADEMIC CALENDAR 2021-2022 (AUTUMN SEMESTER)
	Background:
	This is to place before the Senate the approval of the Chairman, Senate for the Academic Calendar 2021-22 Autumn Semester for 1 st Year M.Tech Programme. As approved by the Senate, this Semester has been successfully conducted on Online Mode with 1 st Semester mid-semester examination conducted in time. Copy of the Academic Calendar for the 1 st Semester is placed at Annexure-I of SNT 17.15.1 .
	Decision of the Senate.
	Approved
SNT 17.15.2	REQUEST TO INCLUDE TWO COURSES IN THE Ph.D PROGRAMME OF THE DEPARTMENT OF ECE
	This is a request made by the Head of Department, ECE to include two more courses for the Ph.D Programme of the Department of ECE. The course structures have been approved by the Doctoral Committee of Ms. Rijhi Dey, part time Ph.D student (DT20EC23) of the Department. The two courses are:
	1) Advanced System Design and Theory
	2) Bio-Medical Systems and Electronics
	Decision of the Senate:

2/23 (LALTHIANGHLIMI ZOTE)

Secretary Senate & Registrar (i/c) National Institute of Technology Mizoram 1