

**THE IX<sup>th</sup> MEETING  
OF  
SENATE**

**NATIONAL INSTITUTE OF TECHNOLOGY  
MEGHALAYA**

**MINUTES**

***DAY : Monday***

***DATE: 20.06.2016***

***VENUE: The Conference Room  
NIT Meghalaya  
Shillong***

# **NATIONAL INSTITUTE OF TECHNOLOGY MEGHALAYA**

## **Minutes of Ninth Meeting of the Senate held on 20.06.2016**

The IX<sup>th</sup> meeting of the Senate of NIT Meghalaya was held on 20<sup>th</sup> June, 2016 at 11:00 a.m. in the Conference Room of the Institute at Bijni Complex, Shillong and the following members were present:

- |   |                |
|---|----------------|
| • Professor D. K. Saikia, Director, NIT Meghalaya                     | - Chairman     |
| • Professor R. Sirohi, Former Director, IIT Delhi                     | - Member       |
| • Professor P.K. Basu, Calcutta University                            | - Member       |
| • Professor (Mrs.) M.P.R. Lyngdoh, Former Principal, Shillong College | - Member       |
| • Dr. A. Dandapat, Assoc. Dean(Acad) & Head, ECE                      | - Spl. Invitee |
| • Dr. A. Bhattacharjee, Assoc. Dean(R&C) & Head, Physics              | - Spl. Invitee |
| • Dr. Saikat Mukherjee, Assoc. Dean(SW)                               | - Spl. Invitee |
| • Dr. Atanu Banerjee, Head, EEE                                       | - Spl. Invitee |
| • Dr. R. Ray, Head, CSE   | - Spl. Invitee |
| • Dr. D. K. Sarma, Head, ME   | - Spl. Invitee |
| • Dr. C. Marthong, Head, CE   | - Spl. Invitee |
| • Dr. G. Dutta, Head, Chemistry                                       | - Spl. Invitee |
| • Dr. T. Subedi, Head, Mathematics                                    | - Spl. Invitee |
| • Dr. S. Mangang, Head HSS  | - Spl. Invitee |

Dr. P. Bharali, Prof. P. Mujumdar and Professor P. Mahanta could not attend the meeting due to unavoidable circumstances.

At the outset, the Chairman welcomed the members and the Special Invitees to the Ninth Meeting of the Senate. The Chairman then requested the Assoc. Dean (Acad) to take-up the agenda of the meeting.

### **Item No. 1: Confirmation of the Minutes of the Eighth Meeting of the Senate held on 19.03.2016.**

The Eighth Meeting of the Senate of the Institute was held on 19.03.2016 in the Conference Room of the Institute. The minutes of the meeting were circulated amongst the members of the Committee for their comments/ observations. Comments were received from members and necessary changes have been incorporated in the enclosed minutes.

The Senate was requested to consider confirming the minutes.

**R1/SENATE-IX/16:** *The Senate **Resolved** to **Confirm** the Minutes of the Eighth Meeting of the Senate as circulated along with agenda items of IX<sup>th</sup> Senate.*

### **Item No. 2 : Follow up action on the decision of the Eighth Meeting of the Senate.**

Actions taken on the decisions of the Eighth Meeting of the Senate of the Institute held on 19.03.2016 are as below:

Sl. No.	Senate Resolution No.	Resolution	Action taken/status
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1.	<b>R3.1– R3.8/SENATE- VIII/16</b>	<b>Recommendations of IV<sup>th</sup> Meeting of Academic Programmes Committee (APC):</b>  <i>The Senate resolved to approve the recommendations of IV<sup>th</sup> Meeting of Academic Programmes Committee after suggesting to incorporate minor changes.</i>	Courses notified after incorporation of suggested changes.
2.	<b>R4/SENATE- VIII/16</b>	<b>Minutes of III<sup>rd</sup> Meeting of the Research Committee (RC):</b>  <i>The Senate Noted the resolutions of the III<sup>rd</sup> RC and recommended to review the course work's credits that an M. Sc graduate admitted to PhD Programme in Engineering has to clear.</i>	<i>Course work's credits that an M. Sc graduate admitted to PhD Programme in Engineering has to clear- Review proposal will be placed before next RC.</i>
3.	<b>R5/SENATE- VIII/16:</b>	<b>Academic Calendar.</b>  <i>The Senate Resolved to Approve the proposed Academic Calendar for the year 2016-17.</i>	Notified
4.	<b>R6/SENATE- VIII/16:</b>	<b>Amendments in Ordinance VI (On Award of Scholarships)</b>  <i>The Senate <b>Resolved</b> to <b>Recommend</b> the amendments as proposed in Ordinance VI of the Institute for approval by the Board of Governors</i>	Approved by BoG, Notified
5.	<b>R7/SENATE- VIII/16:</b>	<b>Amendments in PhD Regulations.</b>  <b>R7/SENATE-VIII/16:</b> <i>The Senate Resolved to Approve the above amendments in PhD regulations after suggested changes in clause 11.1 under Submission of Thesis.</i>	Approved by BoG, Notified
6.	<b>R11(A)- R11(D)/SENATE- VIII/16:</b>	<b>Additional Items</b> a. New Fees Structure: <b>R11(A)/SENATE-VIII/16:</b> <i>The Senate Resolved to Recommend the proposed fee structures for the approval by BOG.</i>  b. Engagement of Professor H. K. Mukherjee as Adjunct Faculty in Mathematics. <b>R11(B)/SENATE-VIII/16:</b> <i>The Senate Resolved to Approve for engaging of Professor Mukherjee starting from July, 2016.</i>	a. Notified. However the Senate was appraised on the possibility of notification from MHRD regarding changes in fees structures including tuition fees waivers in the lines of the IITs.  b. Appointment letter issued & Acceptance Received
Rest of the items were for Ratification or Noting			

**R2/SENATE-IX/16:** The Senate **Noted** the follow up actions on the resolutions of the VIII<sup>th</sup> meeting of the Senate. The Senate also **Authorized the Chairman** to take necessary action in case MHRD notifies for changes in the fees structures.

### **Item No. 3: Results of Spring Semester 2016**

The Results of the Spring Semester, 2016 was published on 4<sup>th</sup> of June (final year) and 10<sup>th</sup> of June (others) with the approval of the Director. A summary of the results was placed before the Senate as tabulated below:

- Final Year B. Tech & M. Tech

CGPA	CSE		ECE		EEE	
	B. Tech 8 <sup>th</sup>	M. Tech 4 <sup>th</sup>	B. Tech 8 <sup>th</sup>	M. Tech 4 <sup>th</sup>	B. Tech 8 <sup>th</sup>	M. Tech 4 <sup>th</sup>
Above 9	2	3	1	5	1	3
8-to-9	6	9	4	9	3	5
7-to-8	8	2	5	3	7	2
6-to-7	2	1	9	0	6	1
5-to-6	4	0	5	0	5	0
below 5	0	0	0	0	0	1
backlog	0	0	0	0	2	0

- B. Tech 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> year (B2, B4, B6)/ M. Tech 1<sup>st</sup> year (T2)/ M. Sc 1<sup>st</sup> year (P2, C2, M2)

Spring-16 Result Summary (B. Tech & M. Tech)																							
SGPA	CE				CSE				ECE				EE				ME				M. Sc		
	B2	B4	B6	T2	B2	B4	B6	T2	B2	B4	B6	T2	B2	B4	B6	T2	B2	B4	B6	T2	P2	C2	M2
Above 9	0	0	1	3	1	4	3	4	2	3	3	3	1	1	3	1	2	3	7	2	1	0	0
8-to-9	6	5	5	3	0	4	4	6	4	1	6	5	3	4	7	5	7	7	6	7	0	1	2
7-to-8	5	7	8	0	6	3	3	3	5	1	5	4	5	1	6	4	7	9	5	3	3	5	1
6-to-7	3	12	7	0	5	8	1	2	2	5	4	0	6	7	4	1	3	6	7	0	3	7	0
5-to-6	6	5	3	0	11	8	7	0	8	11	4	1	9	9	6	1	6	5	1	0	1	0	0
below 5	1	0	2	0	2	1	3	0	3	1	1	0	2	0	4	0	1	0	0	0	0	0	0
backlog	6	7	2	0	10	7	2	0	7	10	2	0	5	6	8	0	1	4	2	0	0	5	0

  

CGPA	CE				CSE				ECE				EE				ME				M. Sc		
	B2	B4	B6	T2	B2	B4	B6	T2	B2	B4	B6	T2	B2	B4	B6	T2	B2	B4	B6	T2	P2	C2	M2
Above 9	0	0	0	1	1	4	2	0	1	0	0	2	1	1	1	2	2	1	5	2	0	0	0
8-to-9	3	1	5	5	2	4	2	5	5	4	8	5	3	4	9	6	4	6	4	6	1	3	2
7-to-8	5	8	10	0	3	5	5	6	5	4	4	4	6	6	4	3	10	7	1	4	4	8	1

6-to-7	6	11	7	0	9	5	1	4	3	2	7	1	8	8	3	1	2	11	11	0	2	2	0
5-to-6	4	9	4	0	10	7	10	0	8	12	3	1	7	3	6	0	7	4	5	0	1	0	0
below 5	3	0	0	0	0	3	1	0	3	1	1	0	1	1	7	0	1	1	0	0	0	0	0
backlog	6	7	2	0	10	7	2	0	7	10	2	0	5	6	8	0	1	4	2	0	0	5	0
B2-B.Tech 2 <sup>nd</sup> Sem			B4-B.Tech 4 <sup>th</sup> Sem				B6-B.Tech 6 <sup>th</sup> Sem				T2-M.Tech 2 <sup>nd</sup> Sem				P2, C2, M2-Phy, Chem, Math 2 <sup>nd</sup> Sem								
Spring-16 Result Summary (PhD)																							
Spring 2016 PhD	CSE		ME		ECE		MA		CE		EE												
	SGPA	CGPA	SGPA	CGPA	SGPA	CGPA	SGPA	CGPA	SGPA	CGPA	SGPA	CGPA											
Above 9	1	0	2	2	1	2	1	1	1	1	1	0											
8-to-9	1	1	2	2	3	2	0	1	0	0	0	1											
7-to-8	0	1	0	0	0	0	1	0	0	0	0	0											
6-to-7	0	0	0	0	0	0	0	0	0	0	0	0											
5-to-6	0	0	0	0	0	0	0	0	0	0	0	0											
below 5	0	0	0	0	0	0	0	0	0	0	0	0											

The Senate was requested to ratify the Results of the Spring Semester, 2016 for the B. Tech, M. Tech, M. Sc. and PhD programmes declared with the approval of the Director as per the Academic Calendar.

**R3/SENATE-IX/16:** The Senate **Resolved to Ratify** the Results of the Spring Semester, 2016 for the B. Tech, M. Tech, M. Sc. and PhD Programmes.

#### **Item No. 4: Approval of Candidates for Award of B. Tech & M. Tech Degrees**

The Third Batch of **65** B. Tech. candidates and First Batch of **43** M. Tech candidates have completed the requirements of the programme in June of this year. Out of these 24 B. Tech and 17 M. Tech candidates are in Electronics and Communication Engineering, 19 B. Tech and 11 M. Tech candidates are in Electrical and Electronics Engineering and 22 B. Tech and 15 M. Tech candidates are in Computer Science and Engineering. The lists were presented before the Senate as tabulated below:

Lists of Candidates Qualifying for Award of B. Tech and M. Tech Degrees									
Sl. No.	B. Tech, CSE		CGPA	Classification	Sl. No.	M. Tech, CSE		CGPA	Classification
1	B12CS004	Sruti Goyal	9.41	FIRST CLASS WITH	1	T14CS007	Amit K. Verma	9.51	FIRST CLASS WITH
2	B12CS018	Mradul Kanugo	9.17		2	T14CS015	Binayak Das	9.03	

3	B12CS021	Ajeet Kumar Singh	8.77	DISTINCTION	3	T14CS016	Chaitanya Buragohain	9.02	DISTINCTION
4	B12CS025	Aman Kumar Jain	8.73		4	T14CS003	C. Lalengmawia	8.87	
5	B12CS012	Deepak Sharma	8.58		5	T14CS001	Ritu Ranjan Shrivastwa	8.77	
6	B12CS005	Ujwal Kumar Singh	8.27	FIRST CLASS	6	T14CS008	Khem P. Sharma	8.72	FIRST CLASS
7	B12CS013	Prabhat Kumar Singh	8.24		7	T14CS002	Ankit Kumar	8.67	
8	B12CS002	Nitamoni Das	8.09		8	T14CS011	Tonmoya Sarmah	8.59	
9	B12CS016	Naman Rastogi	7.97		9	T14CS014	Saifuddin Ahmed	8.59	
10	B12CS008	Dibakor Barua	7.88		10	T14CS012	Najima Begum	8.51	
11	B12CS015	Kamal Kishore	7.85		11	T14CS004	F. Lalchhandama	8.46	
12	B12CS010	Abu Bakker Siddik	7.34		12	T14CS009	Deep Joy Das	8.39	
13	B12CS020	Mrinal Shekhar	7.32		13	T14CS013	Shyam Kishor Kumar	7.21	
14	B12CS007	Vikash Kumar Swami	7.22		14	T14CS006	Umesh V. Padhen	7.10	
15	B12CS017	Kanchan Kumar Tanti	7.15		15	T14CS005	Ashish Soni	6.55	
16	B12CS009	Abhilash Medhi	7.07						
17	B12CS003	Rohit Prasad	6.55						
18	B12CS001	Manish Kumar Tiwari	6.51						
19	B12CS014	Aryan Patel	5.99	SECOND CLASS					
20	B12CS019	Amit Kumar	5.55						
21	B12CS011	Ebormi M Laloo	5.32						
22	B12CS022	Satya Prakash	5.08						
Sl. No.	B. Tech, ECE		CGP A	Classification	Sl. No.	M. Tech, ECE		CGPA	Classification
1	B12EC027	Monica Mishra	9.19	FIRST CLASS WITH DISTINCTION	1	T14EC008	Shuchishman Burman	9.51	FIRST CLASS WITH DISTINCTION
2	B12EC004	Sneha Choudhury	8.60		2	T14EC017	Avadhesh Kumar	9.31	
3	B12EC015	Bhawna	8.50		3	T14EC012	Abhinay Singh	9.23	
4	B12EC014	Lokesh Kumar Saini	8.44	FIRST CLASS	4	T14EC006	Puja Samanta	9.21	
5	B12EC016	Swapnil Aswal	8.05		5	T14EC005	Sonketa Das	9.05	
6	B12EC026	Sandeep Kumar Bardewa	7.96		6	T14EC014	Telajana Venkata Mahendra	8.75	
7	B12EC003	Ajay Kumar Choudhary	7.92		7	T14EC001	Anidaphi Shadap	8.61	
8	B12EC017	Nitish Kumar	7.44		8	T14EC003	Venkatesh M. Tripathi	8.57	
9	B12EC009	Tarun Kumar Bhardwaj	7.41		9	T14EC018	Shashi Kumar	8.57	
10	B12EC021	Sandeep Kumar	7.06		10	T14EC015	Niranjan Raj	8.38	FIRST CLASS
11	B12EC018	Nishant Singh	6.88		11	T14EC002	Gaurav Kumar	8.36	
12	B12EC001	Rupraj Bhattacharjee	6.72		12	T14EC010	Brojo Gopal Sapni	8.33	
13	B12EC025	Nandlal Kumar	6.66		13	T14EC007	Manash Malakar	8.23	
14	B12EC006	Amit Kumar	6.58		14	T14EC016	Prabeen Kumar	8.13	

		Singh					Sahu		
15	B12EC024	Abhishek Anand	6.53		15	T14EC013	Aravind Kumar Yadav	7.97	
16	B12EC010	Anat Katiyar	6.30		16	T14EC004	Abhishek Adarsh	7.89	
17	B12EC007	Ekta Sharma	6.27		17	T14EC011	Sudip Das	7.20	
18	B12EC023	Nishant Kumar	6.21						
19	B12EC008	Chandan Kumar Prasad	6.00						
20	B12EC020	Varun Kumar Kaushik	5.91						
21	B12EC012	Mohit Pradhan	5.77						
22	B12EC013	Rakesh Kumer Meena	5.35						
23	B12EC002	Ratul Das	5.33						
24	B12EC011	Dwigbijoy Churchung	5.14						
Sl. No.	B. Tech, EE		CGP A	Classification	Sl. No.	M. Tech, EE		CGP A	Classification
1	B12EE016	Kuldeep Singh Shivran	9.20	FIRST CLASS WITH DISTINCTION	1	T14EE003	Satabdy Jena	9.70	FIRST CLASS WITH DISTINCTION
2	B12EE006	Sakal Deep	8.77		2	T14EE009	Arunima Dutta	9.30	
3	B12EE014	Subham Charan	8.74		3	T14EE008	Kakoli	9.05	
4	B12EE007	Sudhir Kumar Roy	8.12	FIRST CLASS	4	T14EE007	P. Sathish Kumar	8.83	FIRST CLASS
5	B12EE003	Suman Sarkar	7.82		5	T14EE012	Imraj Hazarika	8.55	
6	B12EE023	Prashant Kumar	7.65		6	T14EE001	Riti Biam	8.47	
7	B12EE008	Usman Gani Shams	7.35		7	T14EE011	Bandita Baruah	8.28	
8	B12EE004	Suvrah Das	7.25		8	T14EE010	Ganesh R	8.00	
9	B12EE022	Anamol Shukla	7.23		9	T14EE006	S. J. V. Prakash	7.90	
10	B12EE017	Anuj Kumar Mishra	7.19		10	T14EE004	K. Sudheer Kumar	7.42	SECOND CLASS
11	B12EE005	Akshaya Kumar Gupta	7.18						
12	B12EE002	Abhay Roy	6.94		1	T14EE013	Reynaldy R. Lyngdoh	6.30	
13	B12EE001	Amit Kumar	6.92						
14	B12EE019	Agnibha Halder	6.86						
15	B12EE018	Rohan Kumar Yadav	6.67						
16	B12EE015	Shobhit Verma	6.56						
17	B12EE009	Mayur Krishna Borah	6.27	SECOND CLASS					
18	B12EE010	Deepan Bhattacharjee	5.84						
19	B12EE013	Mararki Dkhar	5.60						

The Senate was requested to consider for recommending these candidates to the Board of Governors for Approval of the award of the respective degrees.

***R4/SENATE-IX/16: The Senate Resolved to Recommend the 65 (Sixty Five) B. Tech and 43 (Forty Three) M. Tech Candidates to the Board of Governors for award of the degrees in their respective disciplines in the 3<sup>rd</sup> Convocation of NIT Meghalaya scheduled to be held on 21<sup>st</sup> of June, 2016).***

**Item No. 5: Approval of Awardees for Institute Gold Medals:**

As per the Ordinance-V, the successful candidates securing the highest CGPA in each discipline satisfying the following conditions are to be awarded Institute Gold Medal:

- Should have secured a CGPA of at least 8.5.
- Must have completed the programme within the minimum stipulated period.
- Should not have been under academic probation during the programme.
- Should not have any record of disciplinary action during the programme.

Accordingly, the following B. Tech & M. Tech candidates qualify to receive the Institute Gold Medals:

Sl. No.	B.Tech Discipline	Name	CGPA
1.	Computer Science and Engineering	Sruti Goyal	9.41
2.	Electronics and Communication Engineering	Monica Mishra	9.19
3.	Electrical and Electronics Engineering	Kuldeep Singh Shivran	9.20

Sl. No.	M.Tech Discipline	Name	CGPA
1.	Computer Science and Engineering	Amit K. Verma	9.51
2.	Electronics and Communication Engineering (VLSI)	Shuchishman Burman	9.51
3.	Electrical and Electronics Engineering (Power & Energy Systems)	Satabdy Jena	9.70

*The Senate was requested to consider recommending these candidates to the Board of Governors for the award of the Institute Gold Medals in their respective disciplines.*

***R5/SENATE-IX/16: The Senate Resolved to Recommend the six students of the B. Tech and M. Tech programmes to the Board of Governors for award of the Institute Gold Medals in their respective disciplines for the year 2016.***

**Item No. 6: Approval of Awardees for President's Gold Medals**

As per the Ordinance-V, among the successful candidates the candidate with the best all round performance is to be awarded President's Gold Medal. Based on the



selection criteria stipulated in the Ordinance, a Committee constituted by the Director has recommended the name of **Mr. Kuldeep Singh Shivran** from the Department of Electrical Engineering for the medal from B. Tech Programme and **Mr. Shuchishman Burman** from the Department of Electronics & Communication Engineering from M. Tech Programme

Detail scores with recommendations are as follows:

B Tech								
Sl. No.	Name	Roll	CGPA	GS	CA	EA	OA	Total
1	Sneha Choudhury	B12EC004	8.6	2	1.4	1	1.5	50.6
2	Monica Mishra	B12EC027	9.19	4.2	0.8	1.5	1.5	56.5
3	Deepak Sharma	B12CS012	8.58	0	0	4.6	1.5	49.0
4	Sruti Goyal	B12CS004	9.41	0	0	0	0.5	47.6
5	Subham Charan	B12EE014	8.74	2	0	3.4	6.5	56.6
6	Kuldeep Singh Shivran	B12EE016	9.2	2.4	0	5.4	4	59.0
M Tech								
Sl. No.	Name	Roll	CGPA	GS	CA	EA	OA	Total
1	Suchishman Burman	T14EC008	9.51	2	0	0	0	50.55
2	Amit Kumar Verma	T14CS007	9.51	0.6	1	0	0	49.95
3	Chaitanya Buragohain	T14CS016	9.02	0.6	1	0	0	47.5
4	Kakoli	T14EE008	9.05	0	0	0	0	45.25
5	Palla Sathish Kumar	T14EE007	8.83	0	0	0	0	44.15
6	Arunima Dutta	T14EE009	9.3	0	0	0	0	46.5

*The Senate was requested to consider recommended names to the Board of Governors for the award of the President's Gold Medal.*

**R6/SENATE-IX/16:** *The Senate **Resolved** to **Recommend** Mr. Kuldeep Singh Shivran of Department of Electrical Engineering in the B. Tech Programme and Mr. Shuchishman Burman of Department of Electronics & Communication Engineering in the M. Tech Programme for the award of the President's Gold Medals for the year 2016.*

**Item No. 7:** Recommendations of V<sup>th</sup> Meeting of Academic Programmes Committee (APC):

The Fifth Meeting of the Academic Programmes Committee (APC) was held on 26<sup>th</sup> May. The APC recommended courses were placed at Annex-I for approval of the Senate. The Senate was requested to consider approving the recommendations of the APC. The Senate Resolved as tabulated below:

Sl. No	Item	Brief Details	Resolutions
1.	<b>Syllabi of 500 level courses for M. Sc Chemistry Programme</b>	<p>The DAC of the department of Chemistry had prepared the syllabi of the following courses for the M. Sc programme after due consultation with domain experts (Reference: Annex-I-A) for consideration of the APC.</p> <p>CH501 Organic Chemistry III (3-1-0:4)</p> <p>CH502 Inorganic Chemistry III (3-1-0:4)</p> <p>CH503 Physical Chemistry III (3-0-0:3)</p> <p>CH581 Physical Chemistry Lab (0-0-8:4)</p> <p>CH537 Biochemistry and Medicinal Chemistry (3-0-0:3)</p> <p>CH540 Solid State Chemistry (3-0-0:3)</p>	<p><b>R3/APC-V/16:</b></p> <p><i>The APC resolved to recommend the syllabi of CH501, CH502, CH503, CH581, CH537 and CH540 courses after incorporating suggested changes for approval by the Senate.</i></p> <p><b>R7.1/SENATE-IX/16</b></p> <p><i>The senate Resolved to Approve CH501, CH503, CH581, CH537, CH540 courses after some minor corrections.</i></p> <p><i>The Senate Authorized Chairman to approve the course CH 502 after review.</i></p>
2.	<b>Syllabi of 500 level courses for M. Sc Physics Programme</b>	<p>The DAC of the department of Physics had prepared the syllabi of the courses for the M. Sc programme after due consultation with domain experts (Reference: Annex-I-B) for consideration of the APC.</p> <p>PH501 Atomic and Molecular Physics (3-1-0:4)</p> <p>PH502 Applied Optics instead of Light Matter Interaction (3-0-0:3)</p> <p>PH503 Condensed Matter Physics II (3-1-0:4)</p> <p>PH581 Physics Laboratory III (0-0-6:3)</p> <p>PH532 Numerical Methods and Computational Physics (3-0-0:3)</p> <p>PH534 Computational Laboratory(0-0-6:3)</p>	<p><b>R4/APC-V/16:</b></p> <p><i>The APC resolved to recommend the syllabi of PH501, PH502, PH503, PH581, PH532 and PH534 courses after incorporation of suggested changes for approval by the Senate.</i></p> <p><b>R7.2/SENATE-IX/16</b></p> <p><i>The senate Resolved to Approve PH501, PH502, PH503, PH581 and PH534 courses after some minor corrections and modifications.</i></p> <p><i>The Senate suggested reviewing the course PH532 and Authorized Chairman to approve the course after review.</i></p>
3	<b>New Syllabi of 300/400</b>	The DAC of the department of Civil Engineering had prepared the syllabi	<p><b>R5/APC-V/16:</b></p> <p><i>The APC resolved to</i></p>

	<b>level B. Tech (CE) courses</b>	<p>of the courses for the B. Tech programme after due consultation with domain experts (Reference: Annex-I-C) for consideration of the APC.</p> <p>CE333 Computational Methods in Engineering (3-1-0:4)</p> <p>CE334 Engineering Geology (3-0-0:3)</p> <p>CE428 Finite Element Methods in Engineering (3-0-0:3)</p> <p>CE430 Irrigation Engineering (3-0-0:3)</p> <p>CE431 Ground Improvement Techniques (3-1-0:4)</p>	<p><i>recommend the syllabi of CE333, CE334, CE428, CE430 and CE431 courses after incorporation of suggested changes for approval by the Senate.</i></p> <p><b>R7.3/SENATE-IX/16</b></p> <p><i>The senate Resolved to Approve CE333, CE334, CE428, CE430, CE431 courses after some minor corrections.</i></p>
4	<b>New Syllabi of 400 level B. Tech (ME) courses</b>	<p>The DAC of the department of Mechanical Engineering had prepared the syllabi of courses for the B. Tech programme after due consultation with domain experts (Reference: Annex-I-D) for consideration of the APC.</p> <p>ME 429 Robotics (3-0-0:3)</p> <p>ME 433 Mechanical Vibration (3-0-0:3)</p> <p>ME 435 Refrigeration and Air-conditioning (3-0-0:3)</p> <p>ME 436 Composite Materials (3-0-0:3)</p>	<p><b>R6/APC-V/16:</b></p> <p><i>The APC resolved to recommend the syllabi of ME429, ME433, ME435 and ME436 courses after incorporation of suggested changes for approval by the Senate.</i></p> <p><b>R7.4/SENATE-IX/16</b></p> <p><i>The senate Resolved to Approve ME429, ME433, ME435 and ME436 courses after some minor typo corrections.</i></p>
5	<b>Syllabi of 500 level elective courses for M. Tech (EE) Programme</b>	<p>The DAC of the department of EE had prepared the syllabi of an elective course for the M.Tech programme after due consultation with domain experts (Reference: Annex-I-E) for consideration of the APC</p> <p>EE532 Statistical Technique in Power Apparatus (3-0-0:3)</p>	<p><b>R7/APC-V/16:</b></p> <p><i>The APC resolved to recommend the syllabi of EE532 course for approval by the Senate.</i></p> <p><b>R7.5/SENATE-IX/16</b></p> <p><i>The senate Resolved to Approve the course EE532.</i></p>
6.	<b>Revised Syllabi of 300 level courses for</b>	<p>The DAC of the department of EE had revised the syllabi of the EE311 course for the B. Tech Programme (Reference: Annex-I-F) for</p>	<p><b>R8/APC-V/16:</b></p> <p><i>The APC resolved to recommend the syllabi of EE311 course for approval by the Senate.</i></p>

	<b>B. Tech (EE) Programme</b>	consideration of the APC. EE 311: Power System Analysis (3-0-0: 3)	<b>R7.6/SENATE-IX/16</b> <i>The senate Resolved to Approve the revised course EE311.</i>
7.	<b>Revised Syllabi of 100/200 level Physics courses for B. Tech Programme</b>	The DAC of the department of Physics had revised the syllabi of the following two courses for the B. Tech programme (Reference: Annex-I-G) for consideration of the APC. PH 101: Engineering Physics (3-1-2:5) PH 201: Physics of Materials (3-0-0:3)	<b>R9/APC-V/16:</b> <i>The APC resolved to recommend the syllabi of PH101 and PH201 courses for approval by the Senate.</i> <b>R7.7/SENATE-IX/16</b> <i>The senate Resolved to Approve the revised courses PH101 and PH201 after some minor typo corrections.</i>
8.	<b>Syllabi of Courses of 700 level for Ph. D. Programme</b>	Two new courses were proposed for the Ph. D. programme in Mathematics, Chemistry and Electrical Engineering. The detailed courses were in (Reference: Annex-I-H) EE712: Electrical Insulation in High Voltage Engineering (3-0-0: 3) CS 708: Computational Geometry (3-0-0:3)	<b>R10/APC-V/16:</b> <i>The APC resolved to recommend the syllabi of EE712 and CS708 courses for approval by the Senate.</i> <b>R7.8/SENATE-IX/16</b> <i>The senate Resolved to Approve the new 700 level courses EE712 and CS708.</i>
9.	<b>New B. Tech curriculum structure for Batch 2016</b>	As proposed in 4 <sup>th</sup> APC, CSE, ECE and EE Departments have separated theory & practical course codes from a single course code of each B. Tech courses. New curriculum structures with new course codes are placed in (Reference: Annex-I-I) for consideration of the APC.	<b>R11/APC-V/16:</b> <i>The APC resolved to recommend the new curriculum structures for approval by the Senate.</i> <b>R7.9/SENATE-IX/16</b> <i>The senate Resolved to Approve the new curriculum structures of CSE, ECE and EE Departments after some corrections.</i>

## **Item No.8: Reporting Items**

### **a) Institute Day celebration**

The programme started with an Inaugural Function with unfurling of the Institute Flag by the Chairman of the Board in the presence of Institute Community and invited guests, felicitation of the distinguished personalities and awarding of the nominated students, faculty and the staff.

The highlights of the Institute Day were an Extramural Lecture by Dr. S. Pal, VC, Defence Institute of Advanced Technology and felicitated Mr. Kerios Wahlang of the region for his contribution in Folk Song. In addition there was cultural function. Institute Awarded to the following Students, Faculty Members and Staff:

- **Students' awards**

1	Student Award: Award for Most Innovative Project Work (UG)	Mr. Nitish Kumar & Ms. Bhawna
2	Student Award: Award for Most Innovative Project Work (PG)	Ms. Arunima Dutta
3	Student Award: Award for Extra Curricular Activities: Best Sports person	Mr. Wanbor Dhar
4	Student Award: Award for Extra Curricular Activities: Best in Cultural Activities	Mr. Aiboklang Sawkmie
5	Student Award: Award for Extra Curricular Activities: Best Orator	Mr. Saumyen Mishra
6	Student Award: Award for Extra Curricular Activities: Best in Community Service	Mr. Nikhil Tripathi
7	Student Award: Award for Extra Curricular Activities: Best Technical Activity	Mr. Mangesh Sharma
8	Student Award: Award for most consistent improvement in academic performance (UG)	Ms. Nitamoni Das

- **Staffs' awards for Commendable Service:**

1	Outsourced Administrative Staff	Ms. Bidora Pyngrope
2	Outsourced Technical Staff	Mr. Gilbert Lawriniang
3	Administrative Staff	Mr. Rahul Kharbangar
4	Technical Staff	Mr. Bandonlang Wahlang

- **Faculty, Officer awards:**

1	Officer's Award	Mr. Bantehsonglang Blahwar
2	Faculty Award: Leadership	Dr. Anup Dandapat
3	Faculty Award: Best Teacher	Dr. Deba Kumar Sarma
4	Faculty Award: Best Researcher	Dr. Gayadhar Panda

***R8a/SENATE-VIII/16: The Senate Expressed happiness on the successful celebration of the first Institute Day of NIT Meghalaya and for the recognition of achievements of the students and commendable services of the staff and faculty members.***

#### **b. NIRF Ranking**

NIT Meghalaya has been placed at 57 rank (among all Engineering Institutes in India) under the National Institutional Ranking Framework (NIRF) instituted by MHRD. Institute Secured 15<sup>th</sup> position among the 31 NITs and top position among the new 11 NITs. Under the teaching-learning-resources criterion the Institute topped among all 31 NITs and placed at 11 among all Engineering Institutes including IITs. The marks secured by the institute under the various parameters are as tabulated below:

<b>Parameter</b>	<b>Parameter Includes</b>	<b>Weight</b>	<b>Institute Score</b>
Teaching, Learning & Resources	Faculty-Student Ratio, Faculty with Ph. D and Experience, Library and Laboratory Facilities, Sports and Extra-Curricular Facilities, Activities.	0.30	73.56
Research, Professional Practice & Collaborative Performance	Publications, Citations, IPR and Patents: Granted, Filed, Licensed, Collaborative Publications and Patents, Footprint of Projects and Professional Practice.	0.30	51.98
Graduation Outcomes	Performance in Public and University Examinations, Percentage for Placement, Higher Studies, and Entrepreneurship, Mean Salary for Employment.	0.15	75.30
Outreach	Outreach Footprint (Continuing Education, Service), Students from other States/Countries -Region Diversity, Women Students and Faculty, Economically and Socially Disadvantaged Students, Facilities for Physically Challenged Students.	0.15	38.57
Perception	Perception of the institution by its stakeholders.	0.10	33.00

***R8b/SENATE-VIII/16: The Senate Expressed its Appreciation over the good performance of the Institute in the NIRF Ranking and hoped that it will be able to improve further in the years ahead.***

**As there were no other items the meeting ended thanks from and to the Chair.**

**Sd/-**

**Dr. Anup Dandapat  
Associate Dean (Academic)**