

National Institute of Technology, Arunachal Pradesh Yupia, Arunachal Pradesh – 791112



Minutes of the 15th Senate Meeting of NIT, Arunachal Pradesh held on 12/11/2018 at 02:00 pm at
NIT-Arunachal Pradesh, Yupia, Papumpare

Following Members were present:-

- | | |
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| 1. Prof. (Dr.) Pinakeswar Mahanta, Director, NIT Arunachal Pradesh | - Chairperson |
| 2. Prof. Animesh Biswas, EE, IIT, Kanpur(present over Skype) | -Nominated Member |
| 3. Dr. M. K. Shome, Asso. Prof./M&H, Registrar (officiating) NIT, AP | -Member Secretary |
| 4. Dr. M. Mallik, Asso. Prof./CE, NIT, Arunachal Pradesh | - Member |
| 5. Dr. U. K. Saha, DIC(A&E), NIT, Arunachal Pradesh | - Member |
| 6. Dr. A. K. Atta, Asso. Dean (Acad), NIT, Arunachal Pradesh | -Member |
| 7. Dr. J. Taipodia, HoD(In-charge)/CE, NIT, Arunachal Pradesh | -Invitee |
| 8. Dr. K. Mondal, HoD/CHE, NIT, Arunachal Pradesh | - Invitee |
| 9. Dr. D. Sen, HoD/ME, NIT, Arunachal Pradesh | - Invitee |
| 10. Dr. S. Maity, HoD/BAS, NIT, Arunachal Pradesh | - Invitee |
| 11. Dr. P. K. Hui, HoD I/C/BT, NIT, Arunachal Pradesh | - Invitee |
| 12. Dr. A. Banerjee, HoD/EE, NIT, Arunachal Pradesh | - Invitee |
| 13. Dr. K. Sambyo, HoD/CSE, NIT, Arunachal Pradesh | - Invitee |
| 14. Dr. Y. Saring, HoD/ECE, NIT, Arunachal Pradesh | - Invitee |

Members not present:

- | | | |
|---|------------|---------|
| 1. Prof. Parongama Sen, Professor, Physics, University of Calcutta | -Nominated | Member, |
| could not attend the meeting due to her pre-occupations. | | |
| 2. Prof. Surabhi Banerjee, Former Vice-Chancellor, Central University of Orissa-Nominated Member, | | |
| could not attend the meeting due to her pre-occupations. | | |

Agenda Item: 15.1: Confirmation of the Minutes of 14th Meeting of the Senate held on 09/04/2018 and Action Taken Report:

Decision: The minutes of the 14th meeting of the Senate were duly approved after the following observations:

- **Agenda item 14.09: Clause(iv):** It was resolved that the Designation/Affiliation of external expert for RAC
 - (i) Minimum designation must be Professor/ Chief Engineer/ General Manager.
 - (ii) Expert from State/Central Government Institute/Industry.
 - (iii) Retired Person (Professor/Chief Engineer/General Manager) from State/Central Government Institute/Industry.

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(Asso. Dean (Head))

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Agenda Item No. 15.02:Ratification of the Results of End Semester Examination, Jan-June, 2018 & Supplementary Examination Jan-June, 2018:

The summary of the End Semester Examination results (Jan-June, 2018) are placed in **Annexure 15.02a**, however, the details of the End Semester Examination (Jan-June, 2018) and Supplementary Examination (Jan-June, 2018) results are placed in **Annexure 15.02b & 15.02c**, respectively.

Senate may ratify and approve the same.

Decision: Ratified and approved the End-Semester and Supplementary Examination results (Jan-June, 2018).

Agenda Item No. 15.03: Seeking Approval of Academic Calendar (Jan-June, 2019):

Academic Calendar for the session Jan-June, 2019 is placed below:

**NATIONAL INSTITUTE OF TECHNOLOGY ARUNACHAL PRADESH
Academic Calendar – Odd Semester (UG, PG and Ph.D Courses) January - June, 2019**

Day	January	February	March	April	May	June
TUE	1 New Year's Day					
WED	2 Registration for 2 nd sem				1 Make up class	1
THU	3 Registration for 4 th sem				2 Make up class	2
FRI	4 Registration for 6 th & 8 th sem	1 Athletic Meet (Classes suspended)	1	1	3 Make up class	3
SAT	5	2 Athletic Meet	2			1 Summer Vacation & Training/ Internship Program for students
SUN	6	3	3			2
MON	7* Start of Classes&last date of of regn. without late fee	4	1 4 Mid Sem Exam	2 1	1 6 End Sem Exam	4 3 Result Moderation
TUE	8	5 2	5 Mid Sem Exam	3 2	2 7 End Sem Exam	5 4 Result Moderation
WED	9	6	6 Mid Sem Exam	4 3	3 8 End Sem Exam	6 5 Eid-ul-Fitar
THU	10	7	7 Mid Sem Exam	5 4	4 9 End Sem Exam	7 6 Publication of End Sem Exam Result
FRI	11	8	8 Mid Sem Exam	6 5	5 10 End Sem Exam	8 7 Summer vacation for faculty
SAT	12	9	9	6	11	8
SUN	13	10	10	7	12	9
MON	14	11	6 11	7 8	6 13 End Sem Exam	9 10
TUE	15** Last date of Regn with late fee	7 12	7 12	8 9	7 14 End Sem Exam	10 11
WED	16	8 13	8 13	9 10	8 15 End Sem Exam	11 12
THU	17 Supplementary Exam	9 14	9 14 Atulyam (Classes suspended)	11	9 16 End Sem Exam	12 13
FRI	18 Supplementary Exam	10 15	10 15 Atulyam (Classes suspended)	12	10 17 End Sem Exam	13 14
SAT	19	16	16 Atulyam	13	18 Buddha Purnima	15
SUN	20	17	17	14	19	16

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MON	21 Supplementary Exam	11	18	1	18	10	15	11	20 Practical Exam	14	17
TUE	22 Supplementary Exam	12	19	1	19	11	16	12	21 Practical Exam	15	18
WED	23 Supplementary Exam	13	20	1	20 Holi		17 Mahavir Jayanti		22 Practical Exam	16	19
THU	24	14	21	1	21	12	18	13	23 Practical Exam	17	20
FRI	25	15	22	1	22	13	19 Good Friday		24 Practical Exam	18	21
SAT	26 Republic Day		23		23		20		25		22
SUN	27		24		24		21		26		23
MON	28	16	25	1	25	14	22	14	27 Answer scripts showing		24
TUE	29	17	26 Nyokum		26	15	23	15	28 UG/PG Project evaluation and viva-voce exam		25
WED	30	18	27	1	27	16	24	16	29 UG/PG Project evaluation and viva-voce exam		26
THU	31 Athletic Meet (Classes suspended)		28	1	28	17	25	17	30 UG/PG Project evaluation and viva-voce exam		27
FRI					29	18	26	18	31 Last Date of Marks Submission		28
SAT					30		27				29
SUN					31		28				30
MON							29	19			31
TUE							30 Last Day of Teaching	20			
	Teaching Days:	13		18		18		20		18	
	Cumulative Teaching days:	18		36	54		74		92		

NOTE:

* Start of Classes & last date of regn. without late fee

** Last date of Regn with late fee Rs. 500/- to 15th January, 2019.

1. Start of online Registration of Jan-June 2019 session from Dec 20, 2018.
2. The payment of fees online does not amount to registration which must be done separately by the student in person at the institute.
3. No registration after the last date with late fee (January 15, 2019) will be permitted under any circumstances.
4. Start of classes of 2nd, 4th, 6th & 8th semester for Jan-June, 2019 session – Jan 7, 2019.
5. Notification regarding detainee students by HoDs – May 3, 2019.
6. Progress seminar report of Ph.D Scholar should reach the office of the Dean (Academic) by May 31, 2019.
7. Summer vacation for faculty from 7th June 2019 to 15th July-2019.

Senate may like to accord approval for the academic calendar.

Decision: Academic Calendar for the session Jan-June 2019, is approved with modifications. The revised Academic Calendar is placed below:

**NATIONAL INSTITUTE OF TECHNOLOGY ARUNACHAL PRADESH
Academic Calendar – Odd Semester (UG, PG and Ph.D Courses) January - June, 2019**

Day	January	February	March	April	May	June
TUE	1 New Year's Day					
WED	2 Registration for 2 nd sem				1 Practical Exam	1

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Dean (Acad)

Dr. A. Saha
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Dr. M. Saha
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THU	3 Registration for 4 th sem							2 Practical Exam	2		
FRI	4 Registration for 6 th & 8 th sem		1 Athletic Meet (Classes suspended)	1	1			3 Practical Exam	3		
SAT	5		2 Athletic Meet	2						1 Summer vacation for faculty	
SUN	6		3	3						2	
MON	7* Start of Classes & last date of o: without late fee	1	4	1	4 Mid Sem Exam	2	1	1	6 End Sem Exam	4	3
TUE	8	2	5	2	5 Mid Sem Exam	3	2	2	7 End Sem Exam	5	4
WED	9	3	6	3	6 Mid Sem Exam	4	3	3	8 End Sem Exam	6	5 Eid-ul-Fitar
THU	10	4	7	4	7 Mid Sem Exam	5	4	4	9 End Sem Exam	7	6
FRI	11	5	8	5	8 Mid Sem Exam	6	5	5	10 End Sem Exam	8	7
SAT	12		9		9		6		11		8
SUN	13		10		10		7		12		9
MON	14	6	11	6	11	7	8	6	13 End Sem Exam	9	10
TUE	15** Last date of Regn with late fee	7	12	7	12	8	9	7	14 End Sem Exam	10	11
WED	16	8	13	8	13	9	10	8	15 End Sem Exam	11	12
THU	17 Supplementary Exam	9	14	9	14 Atulyam (Classes suspended)		11	9	16 End Sem Exam	12	13
FRI	18 Supplementary Exam	10	15	10	15 Atulyam (Classes suspended)		12	10	17 End Sem Exam	13	14
SAT	19		16		16 Atulyam		13		18 Buddha Purnima		15
SUN	20		17		17		14		19		16
MON	21 Supplementary Exam	11	18	11	18	10	15	11	20 UG/PG Project evaluation and viva-voce exam	14	17
TUE	22 Supplementary Exam	12	19	12	19	11	16	12	21 UG/PG Project evaluation and viva-voce exam	15	18
WED	23 Supplementary Exam	13	20	13	20 Holi		17	Mahavir Jayan ti	22 UG/PG Project evaluation and viva-voce exam	16	19
THU	24	14	21	14	21	12	18	13	23 Last Date of Marks Submission & Summer Vacation & Training/ Internship Program for students		20
FRI	25	15	22	15	22	13	19	Good Friday	24 Result Moderation		21
SAT	26 Republic Day		23		23		20		25		22
SUN	27		24		24		21		26		23
MON	28	16	25	16	25	14	22	14	27 Result Moderation		24
TUE	29	17	26 Nyokum		26	15	23	15	28 Result Moderation		25
WED	30	18	27	17	27	16	24	16	29		26
THU	31 Athletic Meet (Classes suspended)		28	18	28	17	25	17	30		27
FRI					29	18	26	Last Day of Teaching	18	31 Publication of End Sem Exam Result	28
SAT					30		27				29
SUN					31		28				30
MON							29	Practical Exam 19			31
TUE							30	Practical Exam 20			
	Teaching Days:	18		18		18		20		16	

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Cumulative Teaching days: 18	36	54	74	90
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NOTE:

- * Start of Classes & last date of regn. without late fee
- ** Last date of Regn with late fee Rs. 500/-8 to 15th January, 2019.
- 1. Start of online Registration of Jan-June 2019 session from Dec 20, 2018.
- 2. The payment of fees online does not amount to registration which must be done separately by the student in person at the institute.
- 3. No registration after the last date with late fee (January 15, 2019) will be permitted under any circumstances.
- 4. Start of classes of 2nd, 4th, 6th & 8th semester for Jan-June, 2019 session – Jan 7, 2019.
- 5. Notification regarding detainee students by HoDs – May 3, 2019.
- 6. Progress seminar report of Ph.D Scholar should reach the office of the Dean (Academic) by May 31, 2019.
- 7. Summer vacation for faculty from 1th June 2019 to 15th July-2019.
- 8. Showing of answer scripts before submission of end sem marks.
- 9. Registration for the session July-Dec, 2019 will start from 24th July onwards.

Agenda Item No.15.04: Seeking Approval of Holiday list & Restricted Holiday list for 2019:

The holiday list & restricted holiday list for the year 2019 are placed here under:

HOLIDAY LIST FOR 2019

S/No.	Occasion / Festival	Month & date	Day
1	Republic Day	26 th January	Saturday
2	Holi	20 st March	Wednesday
3	Mahavir Jayanti	17 th April	Wednesday
4	Good Friday	19 th April	Friday
5	Buddha Purnima	18 th May	Saturday
6	Eid-ul-Fitar	5 th June	Wednesday
7	Eid-ul-Zuha (Bakr Id)	12 th August	Monday
8	Independence Day	15 th August	Thursday
9	Muharram	10 th September	Tuesday
10	Mahatma Gandhi Jayanthi	2 nd October	Wednesday
11	Dussehra (Vijaya Dashmi)	8 th October	Tuesday
12	Diwali (Deepavali)	27 th October	Sunday
13	Eid-e-Milad (Prophet Mohammad's Birthday)	10 th November	Sunday
14	Guru Nanak's Birthday	12 th November	Tuesday
15	Christmas day	25 th December	Wednesday

Note: Director's Discretion: Any Two days

RESTRICTED HOLIDAY LIST FOR 2019

S/No.	Occasion / Festival	Month & date	Day
1	New Year's Day	1 st January	Tuesday

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2	Si-Donyi (Tagin)	6 th January	Sunday
3	Guru Gobind Singh's Birthday	13 th January	Sunday
4	Makar Sankranti	14 th January	Monday
5	Pongal	15 th January	Tuesday
6	Lossar	5 th February	Tuesday
7	Basant Panchami / Sri Panchami	10 th February	Sunday
8	Guru Ravidas' Birthday	19 th February	Tuesday
9	Sivaji Jayanti	19 th February	Tuesday
10	Statehood Day	20 th February	Wednesday
11	Swami Dayananda Saraswati Jayanti	28 th February	Thursday
12	Maha Shivaratri	4 th March	Monday
13	Hazarath Ali's Birthday	20 th March	Wednesday
14	Holika Dahana	21 st March	Thursday
15	Mopin	5 th April	Friday
16	Chitra Sukladi/Gudi Padava/ Ugadi/Cheti Chand	6 th April	Saturday
17	Ram Navami	13 th April	Saturday
18	Vaisakhi/Vishu/Masadi	14 th April	Sunday
19	Vaisakhi(Bengal)/Bahag Bihu (Assam)	15 th April	Monday
20	Easter Sunday	21 st April	Sunday
21	Guru Rabindranath Birthday	7 th May	Tuesday
22	Jamat-UI-Vida	31 st May	Friday
23	Dree	5 th July	Friday
24	Rath Yatra	4 th July	Thursday
25	Raksha Bandhan	15 th August	Thursday
26	Parsi New Year Day	17 th August	Saturday
27	Jaanmashtami	24 th August	Saturday
28	Solung/Muharram	1 st September	Sunday
29	Vinayaka Chaturthi/Ganesh Chaturthi	2 nd September	Monday
30	Onam	11 th September	Wednesday
31	Maha Shasti	4 th October	Friday
32	Maha Navami	7 th October	Monday
33	Maharishi Valmiki's Birthday	13 th October	Sunday
34	Karaka Chaturthi (Karva Chouth)	17 th October	Thursday
35	Naraka Chaturdashi/Dewalli	27 th October	Sunday
36	Govardhan Puja	28 th October	Monday
37	Bhai Duj	29 th October	Tuesday
38	Pratihari Sashthi or Surya Sashthi (Chhat Puja)	2 nd November	Saturday
39	Guru Tag Bahadur's Martyrdom Day	24 th November	Sunday
40	Christmas Eve	24 th December	Tuesday

Decision: Holiday list is approved with the following modifications:

- (i) As per MHRD Notification dated 11th July, 2018 the Restricted Holidays are completely waived.
- (ii) Two holidays (Nyokum on 26th Feb. and Dussehra (Maha Navami on 7th October, 2019) are included in the holiday List.

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Agenda Item No.15.05: Change of the Existing Mid Semester examination Pattern (Minor I & Minor II Examination):

As per existing practice (from July-Dec, 2017 to till date) Examination cell conducting Minor-I & Minor-II Examination instead of Mid Semester Examination). It requires at least 2 weeks from the academic calendar in a semester. No classes will be held during these period. Huge number of answer scripts are required (4 times in a year) to conduct such examinations. As a result a huge academic loss occurs in a year. Most of the NITs have Mid Semester Examination, including quiz examination also.

Now it is proposed to remove Minor-I & Minor-II Examination from the existing practice and introduce only one Mid Semester Examination in place of Minor-I & Minor-II Examination. Mid semester marks should be 25 marks and another 5 marks for Assignments and quiz, surprise test, etc.

In this regard it is proposed to revise the existing rules & regulations regarding Minor-I & Minor-II examination as under:

Existing Rules: [EXAMINATION, clause 16.1]:

In assessing the student's attainment in subjects (Theory, Laboratory and Sessional), seminars, project work etc., the system of continuous assessment is adopted by the Institute. In conformity with this practice, there will be one mid semester examination (30%) [which includes Minor-I (12%), Minor-II (12%) & assignments, conduct, attendance etc (6%)] and end semester examination (70%), and for sessional subjects (Laboratory/Design/Drawing/Workshop etc.), the evaluation will be on the basis of attendance, assessment of the tasks assigned and end semester test/viva (as in 14.1 (a)).

Proposed Revise Rules: In assessing the student's attainment in subjects (Theory, Laboratory and Sessional), seminars, project work etc., the system of continuous assessment is adopted by the Institute. In conformity with this practice, there will be one mid semester examination (30%) [Mid semester marks should be 25 marks and another 5 marks for Assignments and quiz, surprise test, etc.] and end semester examination (70%, question should be 100 marks), and for sessional subjects (Laboratory/Design/Drawing/Workshop etc.), the evaluation will be on the basis of attendance, assessment of the tasks assigned and end semester test/viva (as in 14.1 (a)).

Senate may consider the proposal & like to accord approval.

Decision: Approved with the following modifications:

The continuous assessment process will be carried out. The pattern of examination includes Mid sem, End sem, Quiz, Assignments etc. for the theory courses, and for Practical/Laboratory courses Viva-voce, Experiments, Reports etc. for evaluation.

The course coordinator of respective courses will evaluate and award grade for theory as well as practical courses. A typical marking pattern may be followed as under

(A) For theory Courses

- (i) Two quiz (one before mid sem and one before end sem) with weightage 10%
 - (ii) Mid sem with weightage 30%
 - (iii) Assignments with weightage 10%
 - (iv) End sem with weightage 50%
- Total: 100%

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(B) For the courses having both the theory and practical, following pattern of evaluation may be followed

- (i) Weightage for the theory part is as per (A)**
- (ii) Weightage for the practical part will be**
 - (a) Viva-voce: 30%**
 - (b) Report Evaluation: 30%**
 - (c) Assigned experiments/performance: 40%**

Finally, Weightage of theory and practical will be in the ratio 70:30.

(C) In case of only practical courses

- (a) Viva-voce: 30%**
- (b) Report Evaluation: 30%**
- (c) Assigned experiments/performance: 40%**

This new method will be implemented from the session Jan-June, 2019.

Agenda Item No. 15.06: Reporting of Ph. D viva-voce examination of Mr. Alak Majumder, Mr. Abir Jyoti Mondal & Mr. Argha sarkar.

The Ph.D Viva-Voce examination of Shri Alak Majumder, Assistant Professor, Department of ECE, NIT Arunachal Pradesh, was held on 28/09/2018, under the supervision of Dr. Pinaki Chakraborty, Assistant Professor, NIT Arunachal Pradesh & Dr. Bidyut Kumar Bhattacharyya, Professor, NIT Agartala. Title of his thesis is "**Process Variation Aware Serializer and Data Reconstruction Architecture for ≥ 25 Gbit/s on –Chip Data Links**". In this regard a notification has been made vide letter no. NIT/AP/IRC-01/2017-18/596, dated 28/09/2018. Shri Majumder will be awarded Ph. D degree in the next convocation (5th Convocation) to be held on 12th December, 2018.

The Ph.D Viva-Voce examination of Shri Argha Sarkar, PhD Scholar (under Visvesvaraya Scheme), Department of CSE, NIT Arunachal Pradesh, was held on 05/11/2018, under the supervision of Dr. Swarnendu Kumar Chakraborty, Assistant Professor, department of CSE, NIT Arunachal Pradesh, Dr. Santanu Maity, Assistant Professor, department of ECE, Tezpur Unibersity & Dr. Pinaki Chakraborty, Assistant Professor, department of BAS, NIT Arunachal Pradesh. Title of his thesis is "**Methane Sensing Platform Using ZnO and Graphene Based Sensing Layers through Structural Modification**".

The Ph.D Viva-Voce examination of Shri Abir Jyoti Mondal, Assistant Professor, Department of ECE, NIT Arunachal Pradesh, was held on 12/11/2018 (Morning), under the supervision of Dr. Pinaki Chakraborty, Assistant Professor, department of BAS, NIT Arunachal Pradesh & Dr. Bidyut Kumar Bhattacharyya, Professor, department of ECE, NIT Agartala.. Title of his thesis is "**Some Studies on Low Voltage Swing Output Drivers and Signaling Schemes for the Design of a Variation Tolerant Delay Circuit**".

The Senate may like to ratify the same.

Decision: Noted.

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Agenda Item No. 15.07: Issues of 5th Convocation to be held on 12th December, 2018.

The proposed date of 5th Convocation at NIT - Arunachal Pradesh is 12th December, 2018. In this regard, it is proposed to invite Mr. Sanjay Hemant Inamdar, a First generation Engineer-Entrepreneur with experience in India, Europe and USA. Founder of FLUCON – A Star Export House with 100% exports of Stainless Steel products and designs, Governing Body Member College of Engineering Pune, Vice-Chairman, Maharashtra Education Society, Co-founder BHAU Institute of Innovation, Entrepreneurship and Leadership @ COEP, Chairman Garware College of Arts and Science, Pune, Faculty Speaker – Harvard Project for Asian & International Relations HPAIR @ Beijing, Kuala Lumpur, Singapore, Adjunct Professor of Innovation, Entrepreneurship and Leadership, as a Chief Guest for the occasion.

Mr. Sanjay Inamdar has over 30 years of Engineering Industry Experience in India, Europe and USA; that includes designing products, and bringing them to global markets. He has participated in a variety of seminars and has interacted with world-class leaders and entrepreneurs. He is a Paul Harris Fellow of Rotary International and the charter member of TiE, the world's largest organization promoting entrepreneurship.

The details about Sanjay Hemant Inamdar is placed at **Annexure-15.07**.

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

Decision: Approved as proposed.

Agenda Item No. 15.08: Reporting of Degree awardees to the B. Tech, M. Tech, MS, Online MBA & Ph. D students in the 5th Convocation:

A total of 223 students (B. Tech: 105, M. Tech: 83, MS: 23, Online MBA: 9, PhD: 3) will be awarded degree in the 5th Convocation of NIT Arunachal Pradesh. The detailed student's lists are given below:

i) Lists of B. Tech degree awardees:

Department of Biotechnology (BT)

Sl. No.	Name	Roll No.	Registration No.
1	Umed Pratap Singh	BT/14/01	0000000423/A/BT/2014
2	Ogeti Ammini Sree Sai	BT/14/02	0000000424/A/BT/2014
3	Pato Karbak	BT/14/03	0000000425/A/BT/2014
4	Arshad Khan	BT/14/04	0000000426/A/BT/2014
5	Shaik Shadik	BT/14/05	0000000427/A/BT/2014
6	Suyash Harsh	BT/14/06	0000000428/A/BT/2014
7	Avinash Kumar Gupta	BT/14/08	0000000430/A/BT/2014

Department of Civil Engineering (CE)

Sl. No.	Name	Roll No.	Registration No.
1	Jayram Kumar	CE/14/02	0000000402/A/CE/2014
2	Benison Megu	CE/14/05	0000000405/A/CE/2014
3	Rajnish	CE/14/06	0000000406/A/CE/2014
4	Subhankar Roy	CE/14/07	0000000407/A/CE/2014
5	Dawa Dolma Sherpa	CE/14/08	0000000408/A/CE/2014

Umed Pratap Singh
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Arshad Khan
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Shaik Shadik
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6	Happy Jorang	CE/14/09	0000000409/A/CE/2014
7	Vivek Mishra	CE/14/10	0000000410/A/CE/2014
8	Keny Wangmu Karma	CE/14/12	0000000412/A/CE/2014
9	Mibom Yirang	CE/14/14	0000000414/A/CE/2014
10	Arvind Kumar Meena	CE/14/15	0000000415/A/CE/2014
1	Suraj Kumar Jaiswal	CE/14/16	0000000416/A/CE/2014
12	Ankesh Kumar	CE/14/17	0000000417/A/CE/2014
13	Anoop Kumar Meena	CE/14/18	0000000418/A/CE/2014
14	Himanshu Verma	CE/14/20	0000000420/A/CE/2014
15	Shashi Saini	CE/14/21	0000000421/A/CE/2014

Department of Computer Science and Engineering (CSE)

Sl. No.	Name	Roll No.	Registration No.
1	Amit Kumar Gond	CSE/14/01	0000000357/A/CSE/2014
2	Shanur Rehman	CSE/14/02	0000000358/A/CSE/2014
3	Sumit Raj	CSE/14/04	0000000360/A/CSE/2014
4	Shashi Kumar Singh	CSE/14/05	0000000361/A/CSE/2014
5	Dharmveer Kumar	CSE/14/06	0000000362/A/CSE/2014
6	Kaushal Kumar Prajapati	CSE/14/07	0000000363/A/CSE/2014
7	Neha Tiwari	CSE/14/08	0000000364/A/CSE/2014
8	Amit Bhatt	CSE/14/09	0000000365/A/CSE/2014
9	Rideep Moran	CSE/14/10	0000000366/A/CSE/2014
10	Yase Dusu	CSE/14/11	0000000367/A/CSE/2014
11	Deepak Roy	CSE/14/12	0000000368/A/CSE/2014
12	Nupoor Rai	CSE/14/13	0000000369/A/CSE/2014
13	Smita Das	CSE/14/14	0000000370/A/CSE/2014
14	Anup Pegu	CSE/14/15	0000000371/A/CSE/2014
15	Poppy Das	CSE/14/17	0000000373/A/CSE/2014
16	Chandan Kumar	CSE/14/18	0000000374/A/CSE/2014
17	Jasraj Barola	CSE/14/19	0000000375/A/CSE/2014
18	Ashish Kumar Patel	CSE/14/20	0000000376/A/CSE/2014
19	Suraj Kumar	CSE/12/08	0000000227/A/CSE/2012

Department of Electronics and Communication Engineering (ECE)

Sl. No.	Name	Roll No.	Registration No.
1	Gargi Pandey	ECE/14/01	0000000432/A/ECE/2014
2	Sarita Kumari	ECE/14/02	0000000433/A/ECE/2014
3	Pooja Mandal	ECE/14/03	0000000434/A/ECE/2014
4	Pradeep Kumar	ECE/14/04	0000000435/A/ECE/2014
5	Shubham Anand	ECE/14/05	0000000436/A/ECE/2014
6	Sunil Kumar	ECE/14/06	0000000437/A/ECE/2014
7	Biplob Nath	ECE/14/08	0000000439/A/ECE/2014
8	Batthineni Rohith Babu	ECE/14/09	0000000440/A/ECE/2014
9	Kamal Dey	ECE/14/10	0000000441/A/ECE/2014
10	Raushan Kumar	ECE/14/11	0000000442/A/ECE/2014
11	Arnab Chatterjee	ECE/14/12	0000000443/A/ECE/2014

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12	Kailash Prasad	ECE/14/13	0000000444/A/ECE/2014
13	Dev Kumar Upadhyay	ECE/14/14	0000000445/A/ECE/2014
14	Ashutosh Kumar	ECE/14/15	0000000446/A/ECE/2014
15	Dhiraj Kumar Jha	ECE/14/16	0000000450/A/ECE/2014
16	DulleyChalo	ECE/14/17	0000000447/A/ECE/2014
17	Raviranjn Singh	ECE/14/18	0000000451/A/ECE/2014
18	Ajmeera Suresh	ECE/14/22	0000000448/A/ECE/2014
19	Gandham Vijay	ECE/14/23	0000000449/A/ECE/2014
20	AjetVikram Mishra	ECE/14/24	0000000431/A/ECE/2014
21	P Jaipal	ECE/13/06	0000000250/A/ECE/2013

Department of Electrical Engineering (EE)

Sl. No.	Name	Roll No.	Registration No.
1	Nitai Roy	EE/14/01	0000000337/A/EE/2014
2	Kadar Yomcha	EE/14/02	0000000338/A/EE/2014
3	Dibyanshu Kumar	EE/14/03	0000000339/A/EE/2014
4	Niraj Kumar Mahato	EE/14/04	0000000340/A/EE/2014
5	Ritesh Kumar Baliarsingh	EE/14/05	0000000341/A/EE/2014
6	HukumrajBairwa	EE/14/06	0000000342/A/EE/2014
7	Gerik Ete	EE/14/07	0000000343/A/EE/2014
8	Himanshu Mishra	EE/14/08	0000000344/A/EE/2014
9	Vijay Meena	EE/14/09	0000000345/A/EE/2014
10	Tenzing Samten Thongdok	EE/14/10	0000000346/A/EE/2014
11	Ankit Kumar	EE/14/11	0000000347/A/EE/2014
12	Vrind Paswan	EE/14/12	0000000348/A/EE/2014
13	Hari Om Gupta	EE/14/13	0000000349/A/EE/2014
14	Sonu Kumar Singh	EE/14/14	0000000350/A/EE/2014
15	Ankit Anand	EE/14/15	0000000351/A/EE/2014
16	Pankaj Kumar	EE/14/16	0000000352/A/EE/2014
17	Pramod Kumar	EE/14/17	0000000353/A/EE/2014
18	Shivam Kumar Tripathi	EE/14/18	0000000354/A/EE/2014
19	Vishal Gangwar	EE/14/19	0000000355/A/EE/2014
20	Aman Rajpoot	EE/14/20	0000000356/A/EE/2014

Department of Mechanical Engineering (ME)

Sl. No.	Name	Roll No.	Registration No.
1	Rishi Kumar singh	ME/14/01	0000000377/A/ME/2014
2	Abhay K. Ajay	ME/14/02	0000000378/A/ME/2014
3	Avinash Kr. Gupta	ME/14/03	0000000379/A/ME/2014
4	Vineet Kumar Ojha	ME/14/04	0000000380/A/ME/2014
5	Dibyajyoti Saikia	ME/14/05	0000000381/A/ME/2014
6	Ravi Kant Gupta	ME/14/06	0000000382/A/ME/2014
7	Shiva Das	ME/14/07	0000000383/A/ME/2014
8	Arman Kumar Sharma	ME/14/08	0000000384/A/ME/2014
9	Praveen Tiwari	ME/14/09	0000000385/A/ME/2014
10	Rohit Kumar Singh	ME/14/10	0000000386/A/ME/2014
11	Aarju Chetry	ME/14/11	0000000387/A/ME/2014

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12	Chandan Kumar	ME/14/12	0000000388/A/ME/2014
13	Shubham Singh Patel	ME/14/14	0000000390/A/ME/2014
14	Dhanjit Das	ME/14/15	0000000391/A/ME/2014
15	Anand Gupta	ME/14/16	0000000392/A/ME/2014
16	Prabhat Kumar	ME/14/17	0000000393/A/ME/2014
17	Hemant Kumar Meena	ME/14/18	0000000394/A/ME/2014
18	Rajan Kumar	ME/14/20	0000000396/A/ME/2014
19	Akuthota Chakradhar	ME/14/21	0000000397/A/ME/2014
20	Shatrudhan Singh	ME/14/22	0000000398/A/ME/2014
21	Taru Tabin	ME/14/23	0000000399/A/ME/2014
22	Sumit Kumar	ME/14/24	0000000400/A/ME/2014
23	Bharat Kr. Chaudhary	ME/13/01	0000000299/A/ME/2013

ii) Lists of M. Tech degree awardees:

Department of Management and Humanities

M.Tech in Appropriate Technology and Entrepreneurship

SL NO.	Name	Roll No.	Registration
1	Ankush Kumar Rathi	ATE/16/01	00120/C/2016
2	Dadi Dhana Lakshmi	ATE/16/02	00121/C/2016
3	Abhay Singh	ATE/16/03	00119/C/2016
4	Praveen V	ATE/16/04	00124/C/2016
5	M. Ramachandra	ATE/16/06	00122/C/2016
6	Mini BalaBargary	ATE/16/07	00191/C/2016
7	Purari Kumar	ATE/16/08	00192/C/2016

Department of Electronics and Computer Engineering

M.Tech. in Computer Science and Engineering

Sl No.	Name	Roll No.	Registration
1	Promit Das	MTCS/16/01	00156/C/2016
2	Ashutosh Kumar	MTCS/16/02	00155/C/2016
3	Hari Krishna Mishra	MTCS/16/03	00146/C/2016
4	Pankaj Kundan Dadure	MTCS/16/04	00139/C/2016
5	Roshan Bharti	MTCS/16/05	00167/C/2016
6	Priyanka Bardalai	MTCS/16/06	00158/C/2016
7	Chitresh Kumar Singh	MTCS/16/07	00147/C/2016
8	Umang	MTCS/16/08	00164/C/2016
9	Soumyajit Nag	MTCS/16/09	00169/C/2016
10	Ankita Kumari	MTCS/16/10	00132/C/2016
11	Ambika Choudhury	MTCS/16/11	00128/C/2016
12	Karter Nyodu	MTCS/16/12	00141/C/2016
13	Anshu Priya	MTCS/16/13	00133/C/2016
14	Mili Dhar	MTCS/16/14	00140/C/2016
15	Phobing Gyati	MTCS/16/16	00151/C/2016
16	Taibur Rahman	MTCS/16/18	00213/C/2016

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Department of Electronics and Computer Engineering
M.Tech. in Electronics Design and Manufacturing

Sl No.	Name	Roll No.	Registration
1	Arindam Dey Sarkar	EDM/16/01	00136/C/2016
2	Prerna Rana	EDM/16/02	00161/C/2016
3	Shrija Saha	EDM/16/03	00166/C/2016
4	Salam Jimkeli Singh	EDM/16/05	00163/C/2016
5	Koustuvmoni Bharadwaj	EDM/16/06	00167/C/2016
6	Mithilesh Kumar	EDM/16/07	00212/C/2016

Department of Electronics and Computer Engineering
M.Tech. in Mobile Communication and Computing

Sl No.	Name	Roll No.	Registration
1	Arpan Ghosh	MCC/16/01	00165/C/2016
2	Anil Ram	MCC/16/02	00130/C/2016
3	Dhiraj Sarkar	MCC/16/03	00137/C/2016
4	Ajay Kumar Shivshankar Prasad	MCC/16/04	00127/C/2016
5	Deepshikha Mahanta	MCC/16/05	00145/C/2016
6	Abhilasha Pathak	MCC/16/06	00125/C/2016
7	Supriya Bordoloi	MCC/16/07	00170/C/2016
8	Jayanta Saha	MCC/16/08	00195/C/2016
9	Kaushik Hazarika	MCC/16/09	00196/C/2016
10	Eyasmima Parveen	MCC/16/10	00193/C/2016
11	Anupam Sonalika	MCC/16/12	00201/C/2016

Department of Electronics and Computer Engineering
M.Tech. in VLSI & Embedded System

Sl. No.	Name	Roll No.	Registration
1	Kritiprasanna Das	VLSI/16/01	00138/C/2016
2	Gopal Krishna	VLSI/16/02	00144/C/2016
3	Ponkhi Borah	VLSI/16/03	00153/C/2016
4	Shubham Sharma	VLSI/16/04	00168/C/2016
5	GarimaSinghal	VLSI/16/05	00142/C/2016
6	Pallabi Kakati	VLSI/16/06	00154/C/2016
7	Anupama Paul	VLSI/16/07	00135/C/2016
8	Rituparna Paul	VLSI/16/08	00159/C/2016
9	Rashmita Baruah	VLSI/16/09	00160/C/2016
10	Payali Das	VLSI/16/10	00150/C/2016
11	Abhimanyu Singh	VLSI/16/11	00126/C/2016
12	Jagritee Talukdar	VLSI/16/13	00194/C/2016
13	Pankaj Saksena	VLSI/16/14	00209/C/2016
14	Ranjeet Kumar	VLSI/16/15	00210/C/2016

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Department of Mechanical Engineering
M.Tech. in Mechanical System Design & Innovation Technology

SL NO.	Name	Roll No.	Registration
1	Pragyan Kumar Sarma	MSDIT/16/01	00118/C/2016
2	Anka Datta	MSDIT/16/02	00116/C/2016
3	Ankit Kumar	MSDIT/16/03	00177/C/2016
4	Rahul Kishor Rajpoot	MSDIT/16/04	00189/C/2016
5	Dipanjan Paul	MSDIT/16/05	00182/C/2016
6	Ankit Shrivastwa	MSDIT/16/06	00179/C/2016
7	AtishaChhajed	MSDIT/16/07	00180/C/2016
8	Kapil	MSDIT/16/08	00187/C/2016
9	Duyu Tani	MSDIT/16/09	00183/C/2016
10	Harshal S. Dewang	MSDIT/16/10	00184/C/2016
11	Hrishikesh Pramod Jadhav	MSDIT/16/11	00185/C/2016
12	Martin Koyu	MSDIT/16/12	00188/C/2016
13	Devanand Choudhary	MSDIT/16/14	00181/C/2016
14	Jalal Uddin	MSDIT/16/15	00186/C/2016
15	Bhaswati Das	MSDIT/16/16	00202/C/2016
16	Nibedita Das	MSDIT/16/17	00207/C/2016
17	Kausar Ahmed	MSDIT/16/18	00204/C/2016
18	Mehdi Mehtab Mirad	MSDIT/16/19	00206/C/2016

Department of Electrical Engineering
M.Tech. in Renewable Energy and Energy Management

SL NO.	Name	Roll No.	Registration
1	Pencil Saring	REEM/16/02	00173/C/2016
2	Madduluri Ananth Bharadwaj	REEM/16/03	00152/C/2016
3	Priyatosh Jena	REEM/16/04	00157/C/2016
4	Gautam	REEM/16/05	00134/C/2016
5	Vivek Kumar Srivastava	REEM/16/06	00172/C/2016
6	Manas Mukherjee	REEM/16/07	00148/C/2016
7	Tashi Dondup	REEM/16/08	00174/C/2016
8	Toni Kamsi	REEM/16/09	00175/C/2016
9	Manoj Mishra	REEM/16/10	00149/C/2016
10	Ravi Kumar Sinha	REEM/16/13	00199/C/2016
11	Krittika Mukherjea	REEM/16/16	00205/C/2016

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iii) Lists of MS degree awardees:

Department of Basic & Applied Science
Master of Science in Electronic Science

SL NO.	Name	Roll No.	Registration
1	Suraj Prasad	ES/16/01	00019/E/2016
2	Shubham Kumar Kaushik	ES/16/02	00017/E/2016
3	Arvind Sharma	ES/16/03	00004/E/2016
4	Subrat Kumar Pradhan	ES/16/04	00018/E/2016
5	Saurabh Kumar	ES/16/05	00022/E/2016

Department of Basic & Applied Science
MS in Mathematics & Computing

SL NO.	Name	Roll No.	Registration
1	Ashu	MC/16/01	00005/E/2016
2	Priyanka Kumari	MC/16/03	00012/E/2016
3	Priy Kumari	MC/16/04	00011/E/2016
4	Priyanka Kumari	MC/16/05	00013/E/2016
5	Anshu Yadav	MC/16/06	00021/E/2016

Department of Basic & Applied Science
MS in Mathematical Physics

Sl. No.	Name	Roll No.	Registration
1	Pritesh Khatri	MP/16/01	00010/E/2016
2	Rajalekshmi R	MP/16/02	00014/E/2016
3	Shobham Jha	MP/16/04	00016/E/2016
4	Kalung Chatung	MP/16/05	00007/E/2016
5	Rajat Srivastava	MP/16/06	00015/E/2016
6	Panchali Borthakur	MP/16/08	00026/E/2016
7	Pulak Kakati	MP/16/09	00027/E/2016
8	Soniya Boro	MP/16/10	00029/E/2016
9	Abdul Shekker KM	MP/16/11	00024/E/2016
10	Ravisankar Varma K	MP/16/12	00028/E/2016

Department of Basic & Applied Science
MS in Mathematical Research in Engineering & Technology

SL NO.	Name	Roll No.	Registration
1	Kuldeep Singh Solanki	MRET/16/01	00008/E/2016
2	Barasa Sarma	MRET/16/02	00006/E/2016
3	Kariul Arjina Khatun	MRET/16/03	00025/E/2016

Suraj
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Shubham
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Arvind
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iv) Lists of Online MBA degree awardees:

Sl. No.	Name	Roll No	Registration No.
1	Avishek Bhattacharya	OLMBA/14/01	00001/D/OLMBA/2014
2	Munia Mondal	OLMBA/14/03	00003/D/OLMBA/2014
3	Sanjiv Kumar Das	OLMBA/14/04	00004/D/OLMBA/2014
4	Momin Mukherjee	OLMBA/14/07	00007/D/OLMBA/2014
5	Rajdeep Mitra	OLMBA/14/09	00009/D/OLMBA/2014
6	Hillang Jadish	OLMBA/14/10	00010/D/OLMBA/2014
7	Tai Paha	OLMBA/14/11	00011/D/OLMBA/2014
8	Jorjo Jomoh	OLMBA/14/12	00012/D/OLMBA/2014
9	Tana Autung Tara	OLMBA/14/13	00014/D/OLMBA/2014

v) Lists of Ph. D degree awardees:

Sl. No.	Name	Roll No	Registration No.
1	Alak Majumder		00012/B/ECE/2014
2	Abir Jyoti Mondal		00013/ECE/2014/B
3	Argha Sarkar		00024/CSE/2015/B

Senate may approve the above students for the award of degree.

Decision: Noted & Approved.

Agenda Item No. 15.09: Reporting of the Gold Medal winners:

A total of 19 students will be awarded for Gold Medals in different categories.

A. Institute Gold Medal: Institute Gold Medals, one for each of the disciplines under Bachelor o Technology (B. Tech), Master of Technology (M. Tech) and Master of Science (MS) programs of the institute will be awarded each year to the student who rank first, obtaining the highest CGPA among all graduating students in his/her discipline in that year.

B. Tech

Sl. No.	Name	Roll. No.	Registration No.	Branch	Remark
1	Ogeti Ammini Sree Sai	BT/14/02	0000000424/A/BT/2014	BT	Topper in BT
2	Dawa Dolma Sherpa	CE/14/08	0000000408/A/CE/2014	CE	Topper in CE
3	Chandan Kumar	CSE/14/18	0000000374/A/CSE/2014	CSE	Topper in CSE
4	Kailash Prasad	ECE/14/13	0000000444/A/ECE/2014	ECE	Topper in ECE
5	Vishal Gangwar	EE/14/19	0000000355/A/EE/2014	EE	Topper in EE
6	Rishi Kumar Singh	ME/14/01	0000000377/A/ME/2014	ME	Topper in ME

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M. Tech

Sl. No.	Name	Roll. No.	Registration No.	Branch	Remark
1	Praveen V	ATEP/16/04	00124/C/2016	ATEP	Topper in ATEP
2	Roshan Bharti	MTCS/16/05	00167/C/2016	CSE	Topper in CSE
3	Deepshikha Mahanta	MCC/16/05	00145/C/2016	MCC	Topper in MCC
4	Shrija Saha	EDM/16/03	00166/C/2016	EDM	Topper in EDM
5	Jagritee Talukdar	VLSI/16/13	00194/C/2016	VLSI	Topper in VLSI
6	Priyatosh Jena	REEM/16/04	00157/C/2016	REEM	Topper in REEM
7	Hrishikesh Pramod Jadhav	MSDIT/16/11	00185/C/2016	MSDIT	Topper in MSDIT

MS

Sl. No.	Name	Roll No.	Registration No.	Branch	Remark
1	Priyanka Kumari	MC/16/03	00012/E/2016	MC	Topper in MAC
2	Rajat Srivastava	MP/16/06	00015/E/2016	MP	Topper in MP
3	Barasa Sarma	MRET/16/02	00006/E/2016	MRET	Topper in MRET
4	Arvind Sharma	ES/16/03	00004/E/2016	ES	Topper in ES

B. Chairman's Gold Medal: The Chairman's Gold Medal will be awarded each year to that student who stands first securing the highest CGPA among all the students of the batch receiving the Bachelor of Technology (B. Tech) and Master of Technology (M. Tech) in that batch.

Sl. No.	Name	Roll No.	Registration No.	Branch	UG/ PG	CGPA
1	Kailash Prasad	ECE/14/13	0000000444/A/ECE/2014	ECE	UG	9.54
2	Priyatosh Jena	REEM/16/04	00157/C/2016	REEM	PG	9.67

Agenda Item No.15.10: Ratification of provisional Ph.D. Certificate:

The provisional Ph.D. Certificate is placed at next page:

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No. PHD00001

National Institute of Technology



Arunachal Pradesh, India

Provisional Certificate

This is to certify that **Alak Majumder**, Department of **Electronics & Communication Engineering**, Registration No. **00012/B/ECE/2014** of NIT Arunachal Pradesh, has successfully completed all the prescribed requirements for the Degree of **Doctor of Philosophy** of the Institute.

The date of the Ph. D Viva-Voce examination is **28/09/2018**.

The title of the Ph. D thesis is "**Process Variation Aware Serializer and Data Reconstruction Architecture for ≥ 25 Gbit/s On-Chip Data Links**".

Dean
(Academic & Examination)

Note: Validity of this certificate will expire after the degree is awarded in the next convocation.

Date: 8th October, 2018

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This is placed for ratification in the Senate.

Decision: Approved as proposed.

Agenda Item No.15.11: Seeking Approval for the new Migration Certificate:

A sample copy of the new Migration Certificate is placed here under:

NATIONAL INSTITUTE OF TECHNOLOGY ARUNACHAL PRADESH YUPIA	
No. NIT/AP/MIG/2012/77	Date: 31/10/2017
	
<u>MIGRATION CERTIFICATE</u>	
<p>This is to certify that Mr. Vishal Singh, Registration No.000147/A/EEE/2011S/o of Smt. Archana Singh and Shri Lal Deo Singh was a bonafide student of 4 years B. Tech in Electrical and Electronics Engineering of National Institute of Technology, Arunachal Pradesh. This institute has no objection in his/her further studies elsewhere.</p>	
<p>He/She is permitted to migrate from this Institute at his/her own request.</p>	
Place: Yupia Date: 31/10/2018	Dean (Academic & Examination)

Senate may like to approve the certificate.

Decision: Approved as proposed.

Agenda Item: 15.12: Ratification of old year lag rule upto 2017 Batch:

As per existing practice if a student fails more than five subjects in a semester, he/she will be having year lag.

This is placed for ratification in the senate.

Decision: Noted.

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Agenda Item: 15.13: Nomination of one Faculty member for the BoG meeting:

It is proposed that Dr. M. Mallick, Associate Professor, Department of CE to be a new member/ invitee in place of Dr. Pinaki Chakraborty, Assistant Professor, Department of Physics, who is in lien for two years, for the BoG meeting with immediate effect.

Senate may approve the same.

Decision: Approved as proposed.

Agenda Item: 15.14: Seeking Approval of Revised UG Curriculum:

As per instruction of the Chairman BOG and also the Chairman of AICTE in 20th BOG, the total credit in UG Curriculum has been reduced from 190 to 170. According new UG Curriculum (unchanged 1st year) is prepared and placed here under.

B. Tech. 1st Year, Semester I, GROUP-A

S. No.	Course Code	Course Title	L	T	P	C
1	CYX-101	Engineering Chemistry	3	0	2	4
2	MAX-103	Engineering Mathematics I	3	1	0	4
3	*IDX-105	Basic Electrical & Electronics Engineering	3	0	2	4
4	MEX-107	Engineering Drawing	2	0	3	4
5	MEX-109	Engineering Mechanics	3	0	0	3
6	HMX-111	Introduction to Management, Human Values and Behaviour	2	0	0	2
7	HMX-113	NSS/NCC (Audit Course)	0	0	2	0
Total Credits			16	1	9	21

* Course coordinator shall be appointed from ECE Department in Odd semester and from EE in even semester.

B. Tech. 1st Year, Semester I, GROUP-B

S. No.	Course Code	Course Title	L	T	P	C
1	PHX-102	Engineering Physics	3	0	2	4
2	MAX-104	Engineering Mathematics II	3	1	0	4
3	**IDX-106	Basic Civil & Mechanical Engineering	3	1	0	4
4	CHX-108	Environmental Science	3	0	0	4
5	CSX-112	Programming in C	2	0	4	4
6	MEX-114	Workshop Practice I	0	0	3	2
7	HMX-116	English Communication	3	0	0	3
Total Credits			17	2	11	25

Summer Internship-I (Institutional Training after 2nd Semester, 6-8 weeks) (Workshops, Departmental Laboratories and Computer Centre): To be evaluated & result to be declared in 3rd Semester.

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B. Tech. 2nd Year, Semester III

Semester		3rd				
Sl. No.	Course Code	Course Title	L	T	P	Credit
1	MEX-201	Th-1	3	1	0	4
2	MEX-203	Th-2	3	1	0	4
3	MEX-207	Th-3	3	0	0	3
4	MAX-201	Th-4	3	1	0	4
5	HMX-201	Th-5	2	0	0	2
*6	SI X-201	Summer Internship-I	0	0	2	1
7	MEX-209	Lab-1	0	0	2	1
8	MEX-211	Lab-2	0	0	2	1
Total			17	4	6	20

* SI X-201 Summer Internship-I, after 2nd Semester

B. Tech. 2nd Year, Semester IV

Semester		4th				
Sl. No.	Course Code	Course Title	L	T	P	Credit
1	MEX-202	Th-1	3	1	0	4
2	MEX-204	Th-2	3	1	0	4
3	MEX-208	Th-3	3	1	0	4
4	MAX-202	Th-4	3	1	0	4
5	HMX-202	Th-5	3	0	0	3
6	MEX-210	Lab-1	0	0	2	1
7	MEX-212	Lab-2	0	0	2	1
Total			18	5	4	21

* Summer Internship-II, (after 4th Semester, 6 to 8 weeks): To be evaluated & result to be declared in 5th Semester.

B. Tech. 3rd Year, Semester V

Semester		5th				
Sl. No.	Course Code	Course Title	L	T	P	Credit
1	CSX-301	Th-1	3	1	0	4
2	CSX-303	Th-2	3	1	0	4
3	CSX-305	Th-3	3	1	0	4
4	CSX-309	Elective-I	3	0	0	3
5	CSX-311	Elective-II	3	0	0	3
*6	SIX-301	Summer Internship-II	0	0	2	1
7	CSX-313	Lab-1	0	0	2	1
8	CSX-315	Lab-2	0	0	2	1
Total			18	4	6	21

* SI X-301 Summer Internship-II, after 4th Semester.

B. Tech. 3rd Year, Semester VI

Semester		6th				
Sl. No.	Course Code	Course Title	L	T	P	Credit
1	CEX-302	Th-1	3	1	0	4

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2	CEX-304	Th-2	3	1	0	4
3	CEX-306	Th-3	3	1	0	4
4	CEX-308	Elective-III	3	0	0	3
5	CEX-310	Elective-IV	3	0	0	3
6	CEX-312	Lab-1	0	0	2	1
7	CEX-314	Lab-2	0	0	2	1
		Total	18	4	4	20

* Summer Internship-III, (after 6th Semester, 6 to 8 weeks): To be evaluated & result to be declared in 7th Semester.

B. Tech. 4th Year, Semester VII

Semester		7th				
Sl. No.	Course Code	Course Title	L	T	P	Credit
1	CHX-401	Th-1	3	1	0	4
2	CHX-403	Th-2	3	1	0	4
3	CHX-405	Elective-V	3	0	0	3
4	CHX-407	Elective-VI	3	0	0	3
5	XXX	**Open Elective offered by other department	3	0	0	3
*6	SIX-401	Summer Internship-III	0	0	2	1
7	PJX-401	Project Phase-I & Dissertation	0	0	8	4
		Total	15	2	10	22

* SI X-401 Summer Internship-III, after 6th Semester.

** Open Elective: A student shall take one course from other departments. Every department shall offer at least one open elective for the purpose. Number of students (minimum and maximum) in each course shall be decided by Dean (Academic).

B. Tech. 4th Year, Semester VIII

Semester		8th				
Sl. No.	Course Code	Course Title	L	T	P	Credit
1	EEX-402	Th-1	3	1	0	4
2	EEX-406	Elective-VII	3	0	0	3
3	EEX-408	Elective-VIII	3	0	0	3
4	PJX-402	Project Phase-II & Dissertation	0	0	20	10
		Total	12	2	20	20

Grand Total Credits=170

Senate may like to approve the same.

Decision: Approved with minor corrections in B. Tech 1st year, Sem-I, Group-B table at Sl. No. 4, Credit should be 3 instead of 4.

Agenda Item: 15.15: Seeking Approval of consolidate remuneration for Guest Faculty

Presently, remuneration for Guest Faculty is as per number of classes taken/month. Maximum remuneration is Rs. 30000/month for non Ph. D holder and Rs. 45000/- for PhD holder.

To get good quality of faculties, it is proposed to give consolidated remuneration as follows

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Guest lecturer	Remuneration
Non-PhD	Rs. 30000/month
PhD	Rs. 40000/month

Senate may consider the above said matter.

Decision: Matter has already been refereed to FC and BOG for discussion.

Agenda Item: 15.16: Seeking permission for revised course code, credit value and removal of few courses from B. Tech 8th semester Chemical Engineering Department.

The existing & proposed curriculum for B. Tech 7th and 8th semester for Chemical Engineering department is placed here under:

Existing Syllabus for 7th Semester (After Approval at 14th Senate Meeting)

Subject code	Subject	L	T	P	Credit
CHE - 701	Creative Design	0	0	4 [†]	4
HSS - 701 [†]	Entrepreneurship & Innovation	3	1	0	4
HSS - 702 [†]	Industrial Economics	3	1	0	4
HSS - 703 [†]	Industrial Management	3	0	0	3
CHE - 702	Transport Phenomena	3	0	0	3
CHE - 703	Process Equipment Designs - II	3	0	1 [†]	4
CHE - 704	Project Work	0	0	6 [†]	6
CHE - 705	Seminar	0	0	2	2
CHE - 706	Mass Transfer - II Lab	0	0	3	3
	Total				33

[†]Minor Modifications are required

Proposed draft of modification for 7th Semester Syllabus:

Subject code	Subject	L	T	P	Credit
CHE - 701	Creative Design	0	0	2	1
HSS - 704	Entrepreneurship & Innovation	3	1	0	4
HSS - 705	Industrial Economics	3	1	0	4
HSS - 703	Industrial Management	3	0	0	3
CHE - 702	Transport Phenomena	3	0	0	3
CHE - 703	Process Equipment Designs - II	3	0	2	4
CHE - 704	Project Work	0	0	12	6
CHE - 705	Seminar	0	0	2	1
CHE - 706	Mass Transfer - II Lab	0	0	3	2
	Total				28

Existing Syllabus for 8th Semester (After Approval at 14th Senate Meeting)

Subject code	Subject	L	T	P	Credit
CHE - 801	Elective - III	3	0	0	3
CHE - 802	Elective - IV	3	0	0	3

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CHE - 803	Optimization in Chemical Design**†	3	1	0	4
HSS - 801	Mass Communication for Technology**†	3	0	0	3
HSS - 802	Disaster Management**†	3	0	0	3
CHE - 804	Plant Design and Feasibility Analysis**†	3	1	0	4
CHE - 805	Project Work	0	0	6†	6
CHE - 806	In-Plant Training	0	0	2	2†
CHE - 807	Grand Viva	0	0	0†	6
					34

†Minor Modifications are required.

**†Proposal for removal of the courses from existing course structure

Proposed draft of modification for 8th Semester Syllabus:

Subject code	Subject	L	T	P	Credit
CHE - 801	Elective - III	3	0	0	3
CHE - 802	Elective - IV	3	0	0	3
CHE - 803†	Project Work	0	0	12	6
CHE - 804†	In-Plant Training	0	0	2	1
CHE - 805†	Grand Viva	0	0	12	6
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Senate may like to approve as deem fit for:

Decision: Modified 7th Sem curriculum for Chemical Engineering was not approved but the following changes may be done in existing 7th sem CHE syllabus:

- (i) The code HSS-701 (Entrepreneurship Innovation for Practices) should be HSS-401.
- (ii) The code HSS-703 (Industrial Management) should be HSS-501.
- (iii) The code HSS-702 (Industrial Economics) should be HSS-703

However, the modified 8th Sem curriculum is approved.

Agenda Item: 15.17: Seeking approval of the lists of proposed experts for Selection Committee.

The detail lists of experts received from various departments for section committee are as under:

**List of the subject Experts
Department of Mechanical Engineering**

Sl. No.	Name	Designation	Institute	Specialization	Email id/Phn No.
1	Prof Goutam Pohit	Professor	Jadavpur University	Machine Design Engineering	gpohit@mech.jdvu.ac.in / gpohit@gmail.com / gpohit@vsnl.net/
2	Alok Satapathy	Professor	NIT Rourkela	Machine Design Engineering	alok@nitrkl.ac.in/
3	Prof. Pramod M. Padole	Professor	VNIT, Nagpur	Machine Design Engineering	pmpadole@rediffmail.com

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4	Debabrata Chakraborty	Professor	IIT Guwahati	Machine Design Engineering	chakra@iitg.ac.in
5	Uday S. Dixit	Professor	IIT Guwahati	Machine Design and Manufacturing Engineering	uday@iitg.ac.in
6	Santosh K. Dwivedy	Professor	IIT Guwahati	Machine Design Engineering	dwivedy@iitg.ac.in
7	Ashitava Ghosal	Professor	IISC Bangalore	Machine Design Engineering	asitava@iisc.ac.in
8	Pushparaj Mani Pathak	Professor	IIT Roorkee	Machine Design Engineering	pushpfme@iitr.ac.in
9	P.S. Robi	Professor	IIT Guwahati	Manufacturing Engineering	psr@iitg.ac.in
10	S. Seshan	Professor	IISC Bangalore	Manufacturing Engineering	seshan@mecheng.iisc.ernet.in
11	M. S. Bobji	Professor	IISC Bangalore	Manufacturing Engineering	bobji@mecheng.iisc.ernet.in
12	Ramesh Babu, N.	Professor	IIT Madras	Manufacturing Engineering	nrbabu@iitm.ac.in
13	Siba Sankar Mohapatra	Professor	NIT Rourkela	Production Engineering	ssm@nitrkl.ac.in
14	U. K. Saha	Professor	IIT Guwahati	Fluids and Thermal Engineering	saha@iitg.ac.in
15	Anoop K. Das	Professor	IIT Guwahati	Fluids and Thermal Engineering	anoop@iitg.ac.in
16	Gautam Biswas	Professor	IIT Guwahati	Fluids and Thermal Engineering	gtm@iitg.ac.in
17	Rajat Gupta	Professor	NIT Mizoram/ NIT Silchar	Thermal Engineering	director@nitmz.ac.in / rguptanitsri@gmail.com
18	Rahul Dev Misra	Professor	NIT Silchar	Thermal Engineering	rdmisra@gmail.com
19	Arunabha Chanda	Professor	Jadavpur University	Fluid and Thermal Engineering	anchanda@mech.jdvu.ac.in
20	<u>Bijan Kumar Mandal</u>	Professor	IEST, Shubpur	Fluids and Thermal Engineering	<u>bijan@mech.iests.ac.in, bkm375@yahoo.co.in</u>
21	Pradip Dutta	Professor	IISC Bangalore	Thermal Engineering	pradip@mecheng.iisc.ernet.in
22	S V Prabhu	Professor	IIT Bombay	Thermal and Fluid Engineering	svprabhu@iitb.ac.in
23	Prabal Talukdar	Professor	IIT Delhi	Thermal Engineering	prabal@mech.iitd.ac.in
24	P. S. Ghoshdastidar	Professor	IIT Kanpur	Thermal Engineering	psg@iitk.ac.in
25	Sarit Kumar Das	Professor	IIT Ropar / IIT Chennai	Thermal Engineering	skdas@iitrpr.ac.in
26	Swarup Kumar Mahapatra	Professor	IIT Bhubaneswar	Thermal Engineering	swarup@iitbbs.ac.in
27	Dr. Kalyan Kalita	Professor	Assam Engineering	Fluids and Thermal Engineering	<u>kalyan1281@rediffmail.com</u>

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28	Rupam Kataki	Professor	Tezpur University	Fluids and Thermal Engineering	rupam@tezu.ernet.in
29	<u>A. Ramesh</u>	Professor	IIT Chennai	Fluids and Thermal Engineering	aramesh@iitm.ac.in
30	Prasanta Kumar Das	Professor	IIT Kharagpur	Fluids and Thermal Engineering	pkd@mech.iitkgp.ac.in

Department of ECE

Sl. No.	Name of Professor	Address	Email ID/ Mobile No	Specialization
Signal Processing				
1	Prof. Prabin Kumar Bora	Room No. 205, EEE Department, IIT Guwahati, Guwahati-781039, INDIA. Phone: +91-361-2582502 (O) Fax: +91-361-2582542	prabin@iitg.ac.in	Image Processing and Computer Vision
2	Prof. Samarendra Dandapat	Room No. 206, EEE Department, IIT Guwahati, Guwahati-781039, INDIA. Phone: +91-361-2582505 (O) Fax: +91-361-2582542	samaren@iitg.ac.in +91-9435119011	Signal Processing
3	Dr. Samudravijaya K	Centre for Linguistic Science and Technology, Indian Institute of Technology, Guwahati, 781039	samudravijaya@gmail.com or samudravijaya@iitg.ac.in +91-9867796685	Automatic speech recognition, Spoken Language Processing
4	Dr. S. R. Mahadeva Prasanna	Room No. 102, EEE Department, IIT Guwahati, Guwahati-781039, INDIA. Phone: +91-361-2582513 (O) Fax: +91-361-2582542, 2690762	prasanna@iitg.ac.in +91-9954008138	Speech and Signal Processing
5	Prof. Prabir Kumar Biswas	A-98, IIT Campus, Kharagpur 721302	pkb@ece.iitkgp.ernet.in +91 - 3222 - 283506; +91-9434012899	Image Processing Computer Vision Automated Visual Inspection Multimedia Network Pattern Recognition Sensor Network
6	Prof. Sudipta Mukhopadhyay	Dept. of ECE, IIT Kharagpur	smukho@ece.iitkgp.ac.in +91-9434705935	Medical Image Processing Video post processing Biomedical Signal Processing Biometric Authentication
Communication and Microwave Engineering				
7	Dr. Ratnajit Bhattacharjee	Room No. 204, EEE Department, IIT Guwahati, Guwahati-781039, INDIA. Phone: +91-361-2582503 (O)	ratnajit@iitg.ac.in 9954498116	Microwave Engineering, Microstrip Antennas, Electromagnetics,

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		Fax: +91-361-2582542, 2690762		Wireless Communication
8	Prof. Raja Datta	Dept. of ECE, IIT Kharagpur	rajadatta@ece.iitkgp.ac.in +91-3222-283514	Sensor Networks Optical Communication and Networks Telecommunication Systems and Networks Network Security Systems and Networking
9	Dr. Partha Pratim Sahu	I/ H-10/1, Pubali, Baguiati, Kolkata-700059.	pps@tezu.ernet.in ; ppstezu@gmail.com 9085180623	Optical Networks, Integrated Optic Devices, Spread Spectrum Technology for Wireless Communication, Neuro-Engineering
10	Dr. Santanu Das	Indian Institute of Engineering Science and Technology, Shibpur P.O. - Botanic Garden Howrah - 711 103 West Bengal, India	santanumdas@yahoo.com Ph. 033-26684561 to 63 (ext- 270, 550)	Microstrip circuits, Components and antennas
11	Prof. Anup Kumar Bhattacharjee	ECE Department, NIT Durgapur, Durgapur 713209, INDIA	akbece12@yahoo.com +919434788021	Microstrip Antenna, RF and Microwave Devices, Application of metamaterials, VLSI
12	Prof. Vijay Janyani	ECE Department, MNIT Jaipur	vijayjanyani@gmail.com 9549654240	Optical Communication
13	Prof. Sarat Kumar Patra	Room Number: EC-212 Department of Electronics and Communication Engineering National Institute of Technology Rourkela, Odisha, India - 769008	skpatra@nitrrkl.ac.in 0661 246 2457 (Off) 0661 246 3457 (Res)	Mobile Communications, 3G/4G/ 5G, Optical Communication, Visible light communication, OFDM for optical communication, Fuzzy Systems
VLSI and Device				
14	Dr. Roy Paily Palathinkal	Room No. 103, EEE Department, IIT Guwahati, Guwahati-781039, INDIA. Phone: +91-361-2582512 (O) Fax: +91-361-2582542, 2690762	roypaily@iitg.ac.in +91943554808	Devices, MEMS and VLSI Circuits/System Design
15	Dr. Baidyanath Roy	Indian Institute of Engineering Science and Technology, Shibpur P.O. - Botanic Garden Howrah - 711 103 West Bengal, India	bnr@telecom.becs.ac.in Ph. 033-26684561 to 63 (ext- 305/503)	VLSI Design and Testing, Mobile Communication and Networking, Image Processing
16	Prof. Santanu Chattopadhyay	E&ECE Department, IIT Kharagpur,	santanu@ece.iitkgp.ac.in	VLSI and Embedded Systems, Network-on-

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			3222-283564	Chip, Design and Test, Low Power Digital Design and Testing, Thermal Aware Testing Logic Encryption
17	Prof. S. Baishya	ECE Department, NIT Silchar	sb@ece.nits.ac.in ; baishya_s@rediffmail.com	Solid State Device Modeling and Simulation, Electronic Circuits, VLSI, and MEMS
Device				
18	Dr. Harshal B. Nemade	Room No. 207, EEE Department, IIT Guwahati, Guwahati-781039, INDIA. Phone: +91-361-2582509 (O) Fax: +91-361-2582542, 2690762	harshal@iitg.ac.in +919957831789	Electronic instrumentation, Systems design, Ultrasonic instrumentation, Non-destructive testing, Electronic product design, EMI/EMC issues, Acoustic sensors, Underwater acoustics, Surface acoustic wave devices, MEMS.
19	Dr. Monojit Mitra	Indian Institute of Engineering Science and Technology, Shibpur P.O. - Botanic Garden Howrah - 711 103 West Bengal, India	monojit_ml@yahoo.co.in Ph. 033-26684561 to 63 (ext- 541)	Fabrication of Microwave Device Like IMPATT, its Characterization and System development
20	Prof. D. Boolchandani	ECE Department, MNIT Jaipur, Rajasthan 302017, INDIA	dbool@ieee.org +91-9549654229 ;0141-2713334;	Surrogate models for Analog and Digital subsystems, Interface circuits for On Chip MEMS Based Sensor and Actuators, MEMS Based Inertial Sensors
21	Prof. Chetan Singh Solanki	Department of Energy Science and Engineering, IIT Bombay, Powai, Mumbai 400076, (Internal(O)) : (0091 22) - 2576-7895	chetanss@iitb.ac.in +91-22-2576 7895 +91-22-2576 4890	Solar Photovoltaic; Thin-film silicon solar cells; PV solar concentrator; PV module cleaning; Carbon nano tubes (CNT)
22	Prof. R. B. Deshmukh	Department of ECE Visvesvaraya National Institute of Technology, South Ambazari Road, Nagpur-440010, India.	rbdeshmukh@ece.vnit.ac.in 0712-2801293	Digital Design; CMOS Design; Reconfigurable FPGA Design
23	Prof. Abhijit Mallik	Department of Electronic Science, University of Calcutta, 92, Acharya Prafulla Chandra Road, Kolkata-700009, India.	abhijit_mallik1965@yahoo.co.in +91 33 23603722 Ext.20.	Microelectronics, Nanoelectronics

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Miscellaneous

24	Dr. Chitralekha Mahanta	Room No. 106, EEE Department, IIT Guwahati, Guwahati-781039, INDIA. Fax: +91-361-2582542, 2690762	chitra@iitg.ac.in Phone: +91-361-2582507 (O)	Control System
25	Dr. Subhasis Bhaumik	Indian Institute of Engineering Science and Technology, Shibpur P.O. - Botanic Garden Howrah - 711 103 West Bengal, India	sbhaumik_besu@yahoo.co.in , sbhaumik@lycos.com 09836044278 (M), 09836960495 (M)	Mechatronics, Robotics
26	Dr. K. M. Bhurchandi	Visvesvaraya National Institute of Technology, South Ambazari Road, Nagpur-440010, India.	bhurchandikm@ece.vnit.ac.in 91-712-2801593	Embedded Systems, Image Processing
27	Prof. A. G. Keskar	Department of ECE, Visvesvaraya National Institute of Technology, South Ambazari Road, Nagpur-440010, India.	agkeskar@ece.vnit.ac.in 0712-2801355	Fuzzy Logic; Image Processing; Embedded Systems
28	Prof. Fazal A. Talukdar	ECE Department, NIT Silchar	fazal@ece.nits.ac.in 9613871119, 9435071119	Power Electronics, Signal Processing, Analog Circuits
29	Prof. Kamalakanta Mahapatra	Room Number: Department of Electronics and Communication Engineering National Institute of Technology Rourkela, Odisha, India - 769008	kkm@nitrkl.ac.in 0661 246 2454 (Off)	Embedded Systems VLSI Design, Power Electronics

Department of Civil Engineering

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1.	Anjan Dutta	Professor	Structural Engineering	Dept. of Civil Engg. IIT Guwahati, E-mail: adutta@iitg.ernet.in Tel: +91-361-2582405(O)
2.	Chandan Mahanta	Professor	Environmental Engg. & Engineering Geology	Dept. of Civil Engg. IIT Guwahati, E-mail: chandan@iitg.ernet.in Tel: +91-361-2582407(O)
3.	Arup K Sarma	Professor	Water Resources & Hydraulic Engg.	Dept. of Civil Engg. IIT Guwahati, E-mail: aks@iitg.ernet.in Tel: +91-361-2582409(O)
4.	Sreedeeep S	Professor	Geotechnical Engg.	Dept. of Civil Engg. IIT Guwahati, E-mail: srees@iitg.ernet.in Tel: +91-361-2582414(O)
5.	Teiborlang L Rntathieng	Professor	Transportation Engg.	Dept. of Civil Engg. IIT Guwahati, E-mail: lyngdoh@iitg.ernet.in

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6.	A.K. Barbhuiya	Professor	Water Resources Engg.	Dept. of Civil Engg. NIT Silchar E-mail: akbarbhuiya@yahoo.com Tel: +91-9864371354
7.	Mokaddes Ali Ahmed	Professor	Transportation Engg.	Dept. of Civil Engg. NIT Silchar E-mail: ali.mokaddes@gmail.com Tel: +91-9435635060
8.	Aminul Islam Laskar	Professor	Civil Engg. Material	Dept. of Civil Engg. NIT Silchar E-mail: aminul@civil.nits.ac.in Tel: +91-9957601712
9.	Utpal Kr. Das	Professor	Geotechnical Engg.	Dept. of Civil Engg. Tezpur University E-mail: ukrdas@tezu.ernet.in Tel: +91-3712275959/5952
10.	Umesh Mishra	Professor	Treatment of Water and Wastewater	Dept. of Civil Engg. NIT Agartala E-mail: umeshmishra2010@gamil.com Tel: +91 - 0381 - 2348531(O)
11.	<u>Anirban Gupta</u>	Professor	Environmental Engineering	Dept. of Civil Engg. IEST Shibpur E-mail: anirban@civil.iests.ac.in Tel: + 91 33 2668 – 4561 to 63 (Extn. :675)
12.	<u>Kalyan Kumar Bhar</u>	Professor	Water Resources Engineering	Dept. of Civil Engg. IEST Shibpur E-mail: kalyan@civil.iests.ac.in Tel: + 91 33 2668 – 4561 to 63 (Extn. :674)
13.	S. Mishra	Professor	Concrete Technology	Dept. of Civil Engg. NERIST E-mail: sudisht_mishra @ nerist.ac.in Tel: +91-9402275330
14.	S.K. Singh	Professor	Geotechnical Engineering	Dept. of Civil Engg. NERIST E-mail: sks @ nerist.ac.in Tel: +91-9436224166
15.	R. K. Prasad	Professor	Groundwater Contamination and Remediation	Dept. of Civil Engg. NERIST E-mail: rkp@nerist.ac.in Tel: 03602258579 Ext.: 6133
16.	Binu Sharma	Professor	Geotechnical Engg.	Dept. of Civil Engg. Assam Engg. College E-mail:binusharma78@gmail.com Tel: +91-9864155359
17.	Somnath Ghosh	Professor	Structural Engineering And Material	Dept. of Civil Engg. Jadavpur University E-mail:sngceju@gmail.co Tel: +91-9831025676
18.	Mathur Shashi	Professor	Ground Water Contamination	Dept. of Civil Engg. IIT Delhi E-mail:smathur@civil.iitd.ac.in
19.	Alappat B.J	Professor	Environmental Engg. & Solid Waste Management	Dept. of Civil Engg. IIT Delhi E-mail:alappat@civil.iitd.ac.in
20.	Aniruddha Sengupta	Professor	Soil Dynamics, Geotechnical Earthquake Engineering	Dept. of Civil Engg. IIT Kharagpur E-mail:sengupta@civil.iitkgp.ac.in Tel: +91-3222-283454
21.	Nirjhar Dhang	Professor	Structural Health Monitoring and Control	Dept. of Civil Engg. IIT Kharagpur E-mail:nirjhar@civil.iitkgp.ac.in Tel: +91-3222-283420

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22.	P. Bhargava	Professor	Structural Engineering, Finite Element Applications	Dept. of Civil Engg. IIT Roorkee E-mail: bhpdpfce@iitr.ac.in Tel: +91 - 1332 - 285495
23.	S.K. Ghosh	Professor	GIS, GIS Land Surveying, Land Surveying	Dept. of Civil Engg. IIT Roorkee E-mail: scangfce@iitr.ac.in Tel: +91 - 1332 - 285463

Department of Biotechnology

Sl. No.	Name and Address	Designation	Broad Area of Study	Specialization
1	Dr. Vishal Trivedi Department of Biosciences and Bioengineering, IIT Guwahati-781039 Mobile: +91-9678738102, +91-6307222912 Email: vtrivedi@iitg.ac.in	Professor	Anti-malarial Drug Discovery Regulation of Innate Immune Response Designing immunostimulatory and Anticancer agents	Cancer Biology & Parasitology
2	Dr. A.K. Mukherjee Dept. of Molecular Biology and Biotechnology, Tezpur University, Tezpur-784028 Mobile: +91-7896003886 Email id: akm@tezu.ernet.in	Professor	Snake Venom Biochemistry, Venomics, Antivenomics and Quality assessment of antivenom of Indian cobra and Russell's Viper Environmental Biotechnology and Industrial Microbiology Drug Discovery from Natural Resources	Biochemistry
3	Dr. Utpal Bora Department of Biosciences and Bioengineering, IIT Guwahati-781039 Mobile: +91-9954096847 Tel: 0361-258-2215/3204 Email: ubora@iitg.ernet.in	Professor	Novel biomaterials for applications in drug delivery Tissue engineering and regenerative medicine Seribiodiversity exploration for seeking new materials for its applications research	Tissue Culture & Seribiotechnology
4	Dr. Jibon Kotoky Institute of Advanced Study in Science and Technology, Vigyan Path Garchuk, Paschim, Boragaon, Guwahati, Assam, 781035 Mobile: +919435197316 Email: jkotoky@gmail.com ; jkotoky@yahoo.com	Professor	Traditional Knowledge based Drug Development Research on Phytochemicals, Pharmacological and pharmaceutical property evaluation of different plants/herbs having potential therapeutic effects against diseases, like breast cancer, prostate cancer, diabetes and its complications (diabetes neuropathy, diabetes cardiomyopathy etc), Infectious diseases caused by resistant strains (MRSA & MDR strains). Development and Evaluation of Nanoparticulate drug and delivery	Drug Discovery from natural resources

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			system for cancer and other infectious diseases	
5	Dr. A.K. Singh Department of Biochemistry North-Eastern Hill University Shillong, 792 022 Tel: 272 2101/ 272 2102/272 2219 Mobile:+91- 9402196293 Email: biochem@nehu.ac.in ; aksingh_nehu@yahoo.co.in	Professor	Biodegradation of hydrocarbon, pesticides, and toxin producing cyanobacteria	Environmental Biotechnology
6	Dr. P.K Barua Dept. of Life Sciences Dibrugarh University, Dibrugarh, Assam, 786004 Mobile: +91-9435033279 Email: boruapk032@dibru.ac.in	Chairperson, Tea & Agro studies Senior Associate Faculty	Cytogenetics, Crop improvement, Tissue Culture, Ochidology	Plant Biotechnology
7	Dr. Alak Kumar Buragohain Department of Molecular Biology and Biotechnology Tezpur University, Tezpur-784028 Mobile: +91-9954115220 Email id: alak@tezu.ernet.in	Professor, Former Vice Chancellor of Dibrugarh University	Drug discovery from medicinal plants and other natural products Drug discovery from medicinal plants against Mycobacterium tuberculosis Diatom nanotechnology Evolutionary Genomics Petroleum Biotechnology	Drug discovery from Natural resources
8	Dr. Pratap Jyoti Handique Department of Biotechnology, Gauhati University, Guwahati, Assam-781014 Mobile: +91-8638535890 +91-9435012920 Email id: arunkhandique@gauhati.ac.in	Professor	Molecular Biology, Genomics, Plant Biotechnology, Genetic Engineering	Molecular Biology
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10	Dr. Chandana C. Borua Department of <u>Veterinary Pharmacology and Toxicology</u> , <u>College of Veterinary Science</u> , <u>Khanapara</u> , Guwahati, Assam-781022 Mobile: +91- 9864013231 E-mail: chanacin@gmail.com	Professor	Indigenous pharmacology	Pharmacology
11	Dr. Bishnu Prasad Sarma	Professor &	Ayurvedic medicine	Ayurvedic

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12	Dr. Prabodh Borah, Animal Biotechnology Department, College of Veterinary Sciences, Assam- 781022 Mobile: +91- 9435116191 Email: borahp@vetbifguwahati.ernet.in	Professor	Animal husbandry and Biotechnology	Animal husbandry
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14	Dr. Punit Kaur Department of Biophysics All India Institute of Medical Sciences, Ansari Nagar, New Delhi-110029, India Tel: +91-11-26594288, 26593201 Email punitkaur1@hotmail.com	Professor	Protein Structure Determination Bioinformatics Drug Design	Biophysics & Bioinformatics
15	Dr. Ramakrishna Sen Dept. of Biotechnology IIT Kharagpur, India-721302 Tel: +91-3222-283752 Email: rksen@hijli.iitkgp.ac.in	Professor	Green Process & Product Development Microalgal & Microbial Biorefinery Biofuels Bio-CCR & Waste Valorization Green Surfactants & Polymers Antimicrobial & Anticancer Lipopeptides	Biochemical Process Engineering
16	Dr. Parimal Karmakar Dept. of Life sciences & Biotechnology Jadavpur University, Kolkata, 700032 Tel: 03324572190 Email: pkarmakar@lifesc.jdvu.ac.in	Professor	Cell Biology and Nanotechnology	Cell Biology
17	Dr. Amit Kumar Das Dept. of Biotechnology IIT Kharagpur, India-721302 Tel: +91-3222-283756 Email: amitk@hijli.iitkgp.ac.in	Professor	Structural Biology Macromolecular X-ray Crystallography Biochemistry and Biophysics Structure based inhibitor design Bioinformatics	Biophysics & Biochemistry
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19	Dr. Debprasad Chattopadhyay ICMR-National Institute of Traditional Medicine (NITM), Nehru Nagar, Belagavi (Karnataka) – 590010 Email: debprasadc@yahoo.co.in	Scientist G and Director	Virology Natural drug discovery and design	Virology
20	Dr. Pranab Goswami Department of Biosciences and Bioengineering IIT Guwahati-781039 Phone: +91-361-2582202 (Office)/ 2584202 (Residence) Email: pgoswami@iitg.ernet.in Pranab_goswami@yahoo.com	Professor	Biosensor Biofuel	Biosensor & Biofuel
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22	Dr. N.C Talukdar Institute of Advanced Study in Science and Technology. Vigyan Path Garchuk, Paschim, Boragaon, Guwahati, Assam, 781035 Mobile: +91-7086012779 Tel: 0361-227-3058 Email: dir.iasst@nic.in	Professor	Biodiversity and Ecosystem Restoration Research Traditional knowledge based drug delivery Microbial diversity, microbial ecology and plant microbe	Microbiology
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4	Dr. Debatosh Guha Professor, RPE	Institute of Radio Physics and Electronics, Sisir Mitra Bhavan, 92, Acharya Prafulla Chandra Road, Kolkata – 700009 Email: dguha@ieee.org	Microwave and Antenna Engineering
5	Dr. Abhijit Biswas Professor, RPE	Institute of Radio Physics and Electronics, Sisir Mitra Bhavan, 92, Acharya Prafulla Chandra Road, Kolkata – 700009 Email: abiswas5@rediffmail.com	Semiconductor Device Modeling, Circuit and Device Simulation with SPICE, VLSI, optoelectronics, Control Theory, Semiconductor Physics and Devices, TCAD, Analog circuits
6	Dr. <u>Kalyan Kumar Chattopadhyay</u>	Department of Physics, Jadavpur University; Director, School of Materials Science and Nanotechnology, Jadavpur University Email: kalyan_chattopadhyay@yahoo.com	Nanoscience and Technology, Semiconductors
7	Dr. <u>Pathik Kumbhakar</u> Professor	Dept. of Physics, NIT Durgapur, Mahatma Gandhi Avenue, Durgapur - 713209, West Bengal, Email: pathik.kumbhakar@phy.nitdgp.ac.in	Experimental, Nonlinear Optics
8	Dr. Amlan J Pal Senior Professor	IACS Kolkata, Main building, Room no. 122, 2A & 2B Raja S C Mullick Road Kolkata 700032 E-mail: sspajp@iacs.res.in, amlan.pal@gmail.com	organic photovoltaic (OPV) devices, light-emitting diodes (LEDs), solar cells based on inorganic nanocrystals, perovskite solar cells, organic memory, molecular rectifiers, organic spintronics
9	Dr. Deepali Sarkar Professor	Department of Physics Gauhati University, Guwahati, 781014 Email: sarkardeepali@gauhati.ac.in	Sensing application of conducting polymer nanocomposites, Electrical and structural properties of metal, semiconductor nanostructures,
10	Dr. Saurabh Basu Professor	<u>Department of Physics, IIT Guwahati</u> Room No: 204 Email: saurabh@iitg.ernet.in	Area of correlated electron systems with the main focus on bosonic superfluidity in (optical) lattices, Effective models in Fermionic systems, Quantum Information theory applied to Condensed matter Physics, BCE- BEC crossover etc.
11	Dr. Bosanta Ranjan Boruah Professor	Department of Physics Indian Institute of Technology Guwahati Guwahati-39, Assam, India Email: brboruah@iitg.ernet.in	<u>Reprogrammable Diffractive Optics,</u> <u>Confocal Microscopy</u> and <u>Theory of</u> <u>high numerical aperture focusing,</u> Wave front sensing of light beams, Optical trapping and manipulation of microscopic particles
12	Dr. Subhradip Ghosh Professor	<u>Department of Physics, IIT Guwahati</u> Room No: 5 Email: subhra@iitg.ac.in	Computational materials science, Electronic structure calculations and physics of chemically disordered

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			alloys, magnetic materials, complex oxides, materials in low dimensions
13	Dr. Parameswara Rao Alapati, Professor	Dept. of Physics NERIST, Nirjuli (Itanagar) - 791109 Arunachal Pradesh Email: pra@nerist.ac.in	Condensed Matter Physics (Liquid Crystals)
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20	Dr. Arun Chattopadhyay, Professor	Department of Chemistry IIT- Guwahati, Guwahati 781 039, Assam, India Phone: +91 361 258 2304 (O) Email: arun@iitg.ac.in	Nanoscience and Nanotechnology
21	Dr. Vandana Srivastava, Professor	Department of Chemistry IIT-BHU Email: vsrivastava.apc@iitbhu.ac.in Ph: 0542 - 6702874	Organic Chemistry
22	Dr. Nidhuban Deb, Professor	Department of Chemistry NERIST	Inorganic Chemistry

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25	Dr. Tarun K. Maji, Professor	Department of Chemical Sciences Tezpur University, Tezpur-784028, Assam, India Office : +91-3712 275053 E-mail: tkm@tezu.ernet.in	Polymer Chemistry
26	Prof. Parag Bhargava, Professor	Dept. of Metallurgical Engineering and Materials Science IIT - Bombay Powai, Mumbai. PIN 400076 India Ph: +91 22 25767628 Email: pbhargava@iitb.ac.in	Materials Science
27	Dr. Vinod Kumar Gupta, Professor	Department of Chemistry IIT Roorkee Roorkee-247667 Tel: +91-1332-285801(Off.) +91-9897903016(Mobile) Email: vinodfcy@iitr.ac.in, vinodfcy@gmail.com	Physical Chemistry
28	Dr. Samaresh Bhattacharya, Professor	Department of Chemistry Jadavpur University, 188, Raja S. C. Mallick Rd., Kolkata- 700032 West Bengal, India PH: 033-24310998 Email:sbhattacharya@chemistry.jdvu.ac.in	Inorganic Chemistry
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30	Dr. Somesh Kumar Professor	Department of Mathematics, IIT Kharagpur, Kharagpur India-721302, Email-ID: smsh@maths.iitkgp.ac.in Phone: +91-3222-283662	Statistical Decision Theory and Inference, Methods for Directional Data, Combinatorial Designs, Quantum Information and Computation, Classification

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32	Dr. <u>Swaroop Nandan Bora</u> Professor	Department of Mathematics, IIT Guwahati, Guwahati 781039, India Email-ID: swaroop @ iitg.ac. in Phone: +91 (0)361 258 2604	Water Wave Mechanics, River Mechanics, Sloshing Dynamics, Flow through Porous Media, Differential Equation, Fractional Differential Equation
33	Dr. <u>Sukanta Pati</u> Professor	Department of Mathematics, IIT Guwahati, Guwahati 781039, India Email-ID: pati @ iitg.ac. in Phone: +91 (0)361 258 2607	Matrices & Graphs
34	Dr. <u>Bhaba Kumar Sarma</u> Professor	Department of Mathematics, IIT Guwahati, Guwahati 781039, India Email-ID: bks @ iitg.ac. in Phone: +91 (0)361 258 2609	Spectral Graph Theory, Combinatorial Matrix Theory
35	Dr. B. K. Singh & Professor	Department of Mathematics, North Eastern Regional Institute of Science and Technology, Nirjuli (Itanagar)-791109. E-mail: bks@nerist.ac.in	Sampling Technique
36	Dr. G. S. Seth & Professor	Department of Applied Mathematics, IIT(ISM Dhanbad) E-mail : gsseth@iitism.ac.in	Fluid dynamics
37	Dr. Natesan Srinivasan Professor	Department of Mathematics, Indian Institute of Technology Guwahati Guwahati 781039, India. Email: natesan@iitg.ernet.in Dept. Office: 91-361-258 2650 Fax: 91-361-258 2649/269 0762	Singular Perturbation Problems, Finite Difference/Element Methods, Domain Decomposition & Parallel Computation of Differential Equations, Computational Fluid Dynamics
38	Dr. Debajit Hazarika Professor	Department of Mathematics, Tezpur University, Assam, India, Assam, 784028 Email ID: debajit@tezu.ernet.in Phone: 03712-27-5505	General Topology and applications, L-valued topology and applications, Fuzzy sets
39	Dr. B.K. Singh Professor	Department of Mathematics, NERIST, Nirjuli (Itanagar) - 791109 Arunachal Pradesh Email: E-mail: bks@nerist.ac.in	Sampling Technique
40	Dr. Sahin Ahmed, Professor	Department of Mathematics, RGU, Doimukh, Itanagar - 791112 Arunachal Pradesh E-mail: sahin.ahmed@rgu.ac.in Phone: 9435024242	Numerical Methods in Convective Magnetohydrodynamic flows, Heat Transport in Porous Media and Mathematics Education
41	Dr. Hemanta Kumar Sarmah Professor	Department of Mathematics, Guwahati University, Guwahati-781014, Assam, India	Dynamical system, Computer Algebra, Computer programming, Fractal geometry, Mathematics Education
42	Dr. M. Lakshmanan, F.N.A.,FTWAS Professor of Eminence	Centre for Nonlinear Dynamics Bharathidasan University Tiruchirapalli - 620 024	Mathematical Physics, Quantum Mechanics, Dynamical system. Applied

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45	Dr. Subenoy Chakraborty, Professor	Department of Mathematics, Jadavpur University, West Bengal Kolkata, IndiaEmail:schakraborty@math.jdvu.ac.in,	Applied Mathematics
46	Dr. Saktipada Ghorai, Professor	Deptt. of Mathematics and Statistics, Indian Institute of Technology, Kanpur, India Email: sghorai@iitk.ac.in	Applied Mathematics
47	Dr. Avinash Khare Professor	Raja Ramanna Fellow, DAE INSA Senior Scientist, Dept. of Physics University of Pune , Pune-411007. Email: khare@iiserpune.ac.in khare@physics.unipune.ac.in	Quantum Physics, Applied Mathematics
48	Dr. S Mukhopadhyay, Professor	Department of Mathematical Sciences, Indian Institute of Technology(IIT), Varanasi. UP. email: mukhosant.apm@iitbhu.ac.in	Mathematical physics, Mathematical Modelling on Coupled Thermomechanical problems, Non- Fourier Heat Conduction, Thermoelasticity
49	Dr. Rajkumar Roychoudhury, Professor	Physics and Applied Mathematics unit(PAMU) Indian Statistical Institute (I.S.I), Kolkata Email: rroychoudhury123@gmail.com	Applied Mathematics, Quantum Physics, Plasma Dynamics
50	Dr. Saktipada Ghorai, Professor	Deptt. of Mathematics and Statistics, Indian Institute of Technology, Kanpur, India Email: sghorai@iitk.ac.in	Applied Mathematics

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20	Dr. Uttam Kumar Sarkar Professor and Dean	New Initiatives and External Relations IIM Calcutta, Diamond Harbour Road, Joka, Kolkata-700104	+91-33- 24678300	uttam@iimcal.ac.in
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22	Prof.(Dr) Anjula Gurtoo Professor	Department of Management Studies Indian Institute of Science Bangalore 560012	080-2293 2471	anjula@iisc.ac.in
23	Dr. K. Janardhanam Professor and Director	PG Department of Management Bangalore University, Central College campus, Palace Road, Bangalore-560001	080 - 22961971 / 9449234437	prof.janardhanam@gmail.com

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13	Prof. Shailendra Kumar Singh	Professor Linguistics Department North-Eastern Hill University Umshing Mawkyroh Shillong 793022	Contact: +91- 9863279254	Email: tosksinghnehu@gmail.c om
14	Dr. B. S. Jamuna	Professor and Head, Institute of English University of Kerala	Mobile: 9497621662	Email : jamunachand@gmail.co m
15	Prof. Mala Renganathan	Professor English Department North-Eastern Hill University Umshing Mawkyroh Shillong 793022	Mobile: 9436732332	Email: malareng@ yahoo.com
16	Prof Madhumita Barbora	Department of English & Foreign Languages Tezpur University Tezpur Napaam Assam-784028	Mobile: 9435082112	Email: mmb@tezu.ernet.in
17	Prof. Bhagabat Nayak	Dept. of English, Rajiv Gandhi University University Road, Papum Pare, Arunachal Pradesh 791112	Mobile: 8787807138	Email :bhagabatnayak74@g mail.com
18	Dr. Ranendra Prasad	Associate Professor in English Department of Humanities and Social Science North Eastern Regional Institute of Science and Technology (NERIST)	Phone(EPBX/ Office e):+91- 360- 2257401- 408	E- mail:ranendraprasad@ gmail.com,

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		Nirjuli (Itanagar) - 791109 Arunachal Pradesh, India	Extension:6173	
19	Dr. Priyankoo Sarmah	Associate Professor in Linguistics Academic Complex Block F Department of Humanities and Social Sciences Indian Institute of Technology Guwahati Guwahati, Assam, 781039 India	Phone: +91 861 258 2574	E-mail : priyankoo@iitg.ac.in
20	Dr. Nandana Dutta Professor	Department of English Gauhati University, Guwahati 781014, Assam	Phone : +91- 7578969324	nandana@gauhati.ac.in

Department of CSE

Sl No.	Name of Expert	Institute	Affiliation/ Address	Specialization
1	Prof. S Nandi	IIT G	Professor Department of Computer Science & Engineering Indian Institute of Technology Guwahati Email: sukumar @ iitg.ernet.in sukumar.nandi @ gmail.com,sukumar @ nandifamily.in	Networks (Specifically: QoS, Wireless Networks), Computer and Network Security, Data Mining, VLSI, Computational Linguistic
2	Prof. B P Sinha	Former Professor ISI, Kolkata, former Visitors' nominee.	Distinguished Professor, SoA University Former Professor (Higher Academic Grade) and Dean, Indian Statistical Institute Dept. of Computer Science & Engineering ITER Campus, Khandagiri, Bhubaneswar – 751030. www.isical.ac.in/~bhabani Email : sinha.bhabani@gmail.com	Computer Organization, Computer Architecture, Data Structures, Design and Analysis of Algorithms, Operating Systems, Computer Networks, Data Base Management Systems, Software Engineering, Parallel Architectures and Algorithms, Mobile Computing.
3	Prof. D P Vidyarthi	JNU	Email: dpv@mail.jnu.ac.in dpvidyarthi2002@yahoo.com	Parallel/Distributed Systems, Cloud Computing, Mobile Computing, Internet of Things (IoT)
4	Prof. DhrubaK. Bhattacharyya	Tezpur, University	Professor, Department of CSE Tezpur University, Napaam- 784028 Assam, India (+91)3712-275353(Off) (+91)3712-273006(Fax) Mail-id: dkb@tezu.ernet.in	1. Advanced Database Systems 2. Data Mining & Data Warehousing 3. Software Engineering 4. Data Mining in Security 5. Computer Security and Cryptography 6. Systems 7. Fundamentals of Database Systems 8. Computer Graphics
5	Prof. Nityananda Sarma	Tezpur, University	Professor	Computer Networks,

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			Department of Computer Science & Engineering Tezpur University, Napaam, Sonitpur, Extension : 5356 [+91 3712-275356] Fax : +91 3712-267005 E-Mail : nitya@tezu.ernet.in	Mobile Computing, Computer Architecture and Parallel Processing
6	Prof. Purandar Bhaduri	IITG	Professor Department of Computer Science & Engineering, IIT, Guwahati. Email: pbhaduri@iitg.ernet.in	Formal Methods for Real-time Embedded Systems Formal Foundations for Component-based Embedded Systems Logic and Semantics of Computation
7	Prof. Nabanita Das	ISI, Kolkatta	Advanced Computing & Microelectronics Unit Indian Statistical Institute Phone: +91-33-2575-3004 Fax: +91-33-2577-3035/6630 E-mail: ndas@isical.ac.in	Mobile and Ad hoc Networks, Wireless Sensor Networks, Parallel & Distributed Computing, Interconnection Networks
8	Prof. Bhargab B. Bhattacharya	ISI, Kolkatta	Advanced Computing & Microelectronics Unit Indian Statistical Institute. Email: bhargab@isical.ac.in	Combinatorics and Graph Theory, Switching and Automata Theory, Digital Logic Design Computer Organization, Computer Architecture, Fault-tolerant Computing, VLSI Design and Testing, VLSI Physical Design, Nanotechnology and Giga-scale Integration, Compiler Construction
9	Prof. Indranil Sengupta	IIT Karagpur	Professor, CSE, IIT, KGP. Email: isg@cse.iitkgp.ernet.in	VLSI design and testing, Cryptography and network security, Reversible and quantum circuits
10	Prof. Soumya Kanti Ghosh	IIT Karagpur	Professor, CSE, IIT, KGP Email: skg@sit.iitkgp.ernet.in	Geospatial Database and Web Services, Cloud Computing.
11	Prof. Arobinda Gupta	IIT Karagpur	Professor, CSE, IIT, KGP Email: agupta@cse.iitkgp.ernet.in	Distributed Systems Mobile Computing
12	Prof. Dilip Kumar Saikia	Tezpur, University	Professor, Department of Computer Sc. & Engineering Tezpur University e-mail: dks@tezu.ernet.in/ dks@nitm.ac.in	Computer Networks Network Security Computer Architecture Wireless Sensor Network
13	Prof. Anjana Kakoti Mahanta	Guwahati University	Department of Computer Science Gauhati University, Guwahati, 781014 Email:- anjana@gauhati.ac.in	Algorithms, Data mining

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14	Prof. Utpal Bhattacherjee	Rajiv Gandhi University	Department of Computer Science, Rajiv Gandhi University, Rono Hills, Doimukh Ph: 09435086480 09774900310	Natural Language Processing
15.	Prof. Themrichon Tuithung	NIT, Nagaland	Department of Computer Science and engineering, NIT, Nagaland Email: t_tuithung@yahoo.com.	Image and Video Processing
16.	Prof. Hemanta Kumar Kalita	Central Institute of technology Kokrajhar	Department of Computer Science and engineering, CIT, Kokrajhar Email: hkkalita@cit.ac.in	Big Data Analysis, Adhoc Network Security, Performance Engineering, Spatial Data Mining, Artificial Intelligence
17.	Prof. Diganta Goswami	IITG	Professor Department of Computer Science & Engineering, IIT, Guwahati. Email: dgoswami@iitg.ernet.in	Distributed Systems, Software Engineering
18	Prof. Jatindra Kumar Deka	IITG	Professor Department of Computer Science & Engineering, IIT, Guwahati. Email: jatin @ iitg.ac.in	Formal Modelling and Verification, CAD for VLSI and Embedded Systems (Design, Testing and Verification), Data Mining
19	Dr.Smriti Kumar Sinha	Tezpur University	Professor Dept. of Computer Science & Engineering Tezpur University Tezpur - 784 028 Ph (office): +91 3712 67007/8/9-5104 Fax: +91 3712 67006 email: smriti@tezu.ernet.in	e-office, Security, Workflow, Document Database, XML, e-commerce, e-governance

Department of Chemical Engineering

Sl. No.	Name and Designation	Address	Specialisation
1.	Prof. Vijay S. Moholkar Professor	Department of Chemical Engineering, Indian Institute of Technology Guwahati, Guwahati - 781039, Assam, India E-mail: vmoholkar@iitg.ac.in Phone: + 91 3612582258	Bubble dynamics, CFD, Sono-process engineering, Bio-mass gasification.
2.	Prof. Sunando Dasgupta Professor	Department of Chemical Engineering, Indian Institute of Technology Kharagpur, Kharagpur - 721302, West Bengal, India. E-mail: sunando@che.iitkgp.ac.in Phone: +91 3222283922	Microfluidics, Microscale Transport Processes, Interfacial Phenomena
3.	Prof. A. K. Baruwa Professor & Chairman BoG, CIT Kokrajhar	Central Institute of Technology Kokrajhar, P.O. - Rangalikhata, District - Kokrajhar, BTAD, Assam, India - 783370. Email: akbaruwa@rediffmail.com	Chemical Engineering
4.	Prof. P. G. Rao Professor & Vice Chancellor, USTM	University of Science and Technology, Meghalaya Meghalaya -793101, India. Email: pgrao24@hotmail.com Phone: 0361 2895033	Chemical process Design & Development

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5.	Prof. Chiranjib Bhattacharjee Professor	Department of Chemical Engineering, <u>Jadavpur University</u> , 188, Raja S.C. Mallick Rd, Kolkata - 700032, West Bengal, India. E-mail: c.bhatta@gmail.com chiranjib@jadavpuruniversity.in Phone: +91 9836402118	Membrane Technology/ Separation process/ Environmental remediation. Membrane Separation, Bio-separation, Wastewater treatment, Environmental remediation
6.	Prof. Sirshendu De Professor	Department of Chemical Engineering, Indian Institute of Technology Kharagpur Kharagpur - 721302, West Bengal, India. Email: sde@che.iitkgp.ac.in Phone: +91 3222283926	Membrane Separation, Water and wastewater treatment, Microfluidics, Transport Phenomena
7.	Prof. <u>Subrata K Majumder</u> Professor	Department of Chemical Engineering, Indian Institute of Technology Guwahati, Guwahati - 781039, Assam, India Email: skmaju@iitg.ac.in Phone: +91 3612582265	Multiphase Flow and reactor development, Separation Process, Mineral processing
8.	Prof. Asim K De Professor	Department of Chemical Engineering, University College of Science and Technology, University of Calcutta, 92, A. P. C. Road, Kolkata - 700009, West Bengal, India Email: akdecuce@gmail.com	Process Control, Mass Transfer Operations, Environmental Engineering
9.	Prof. Jayant K. Singh Professor	Department of Chemical Engineering, Indian Institute of Technology Guwahati, Guwahati - 781039, Assam, India Email: jayantks@iitg.ac.in Phone: +91 5122596141	Molecular simulation and software development
10.	Prof. Jhumpa Adhikari	Department of Chemical Engineering, Indian Institute of Technology Bombay, Powai, Mumbai, Maharashtra 400076 Email: adhikari@iitb.ac.in +91 (22) 2576 7245 (O)	Molecular Simulation, Molecular and Statistical Thermodynamics
11.	Prof. Kajari Kargupta Professor	Department of Chemical Engineering, <u>Jadavpur University</u> , 188, Raja S.C. Mallick Rd, Kolkata - 700032, West Bengal, India. E-mail: kkgupta@chemical.jdvu.ac.in , karguptakajari2010@gmail.com Phone: +919748829349	Interfacial Science, Instability in Thin Films, Fuel Cell Process Modeling and Simulations
12.	Prof. V. Shankar Professor	Department of Chemical Engineering, Indian Institute of Technology Kanpur, Kalyanpur, Kanpur - 208016, Uttar Pradesh, India. Email: vshankar@iitk.ac.in Phone: +91 5122597377	Stability of fluid flows Rheology of complex fluids Applied mathematics Interfacial phenomena
13.	Prof. V. Kumaran Professor	Department of Chemical Engineering, Indian Institute of Science, CV Raman Rd, Bengaluru, Karnataka - 560012, India. Email: kumaran@iisc.ac.in Phone: +91 8022933112	Complex fluids and Complex flows, complex simulations microfluidics, nano-engineering of catalyst layers).
14.	Prof. Rochish Madhukar Thaokar	Department of Chemical Engineering, Indian Institute of Technology Bombay, Powai, Mumbai, Maharashtra - 400076. Email: rochish@che.iitb.ac.in Phone: +91 (22) 25767241	Electrohydrodynamics in fluid systems and Bio-membranes
15.	Prof. Anugrah Singh Professor	Department of Chemical Engineering, Indian Institute of Technology Guwahati, Guwahati - 781039, Assam, India E-mail: anugrah@iitg.ac.in	Computational and Experimental Fluid Dynamics, Rheology of Complex Fluids,

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		Phone : +91 3612582259	Microfluidics, Material Processing, Flow through Porous Media.
16.	Prof. Prabhu R Nott Professor	Department of Chemical Engineering, Indian Institute of Science, CV Raman Rd, Bengaluru, Karnataka – 560012, India. Email: prnott@iisc.ac.in Phone: +91 8022932317	Complex fluidsmechanics, Dynamics of swimming microorganisms
17.	Prof. Jayanta Kumar Basu Professor	Department of Chemical Engineering, Indian Institute of Technology Kharagpur Kharagpur - 721302, West Bengal, India. E-mail: jkb@che.iitkgp.ac.in Phone: +91 3222283914	Adsorption and Separation Science Waste Water Treatment Advance Oxidation Processes Reaction Engineering
18.	Prof. Ujjaini Sarkar	Department of Chemical Engineering, Jadavpur University, 188, Raja S.C. Mallick Rd, Kolkata - 700032, West Bengal, India. E-mail: usarkar@chemical.jdvu.ac.in Phone: +91 3324852975(R)	Waste Water treatment.
19.	Prof. Bhim Charan Meikap	Department of Chemical Engineering, Indian Institute of Technology Kharagpur Kharagpur - 721302, West Bengal, India. E-mail: bcmeikap@che.iitkgp.ac.in Phone: +91 3222283958	Industrial pollution control & management, fluidization, coal beneficiation
20.	Prof. Nishith Verma Professor	Department of Chemical Engineering, Indian Institute of Technology Kanpur, Kalyanpur, Kanpur – 208016, Uttar Pradesh, India. Email: nishith@iitk.ac.in Phone: +91 5122597704 / 7406	Adsorption Synthesis of Nanomaterials including adsorbents and catalysts Environmental Pollution Control Carbon-based Electrodes Lattice Boltzmann Modelling and Simulation
21.	Prof. Goutam Deo Professor	Department of Chemical Engineering, Indian Institute of Technology Kanpur, Kalyanpur, Kanpur – 208016, Uttar Pradesh, India. Email: goutam@iitk.ac.in Phone: +91 5122597363	<u>Catalysis and reaction engineering</u> <u>Supported metal and metal oxide catalysis, Reaction kinetics</u>
22.	Prof. Rabibrata Mukherjee Professor	Department of Chemical Engineering, Indian Institute of Technology Kharagpur Kharagpur - 721302, West Bengal, India. Email: rabibrata@che.iitkgp.ac.in Phone: +91 3222283912	Thin Film instability, Soft Lithography and Nano Patterning Colloids and interfacial engineering Surface engineering and coated materials, Soft nanotechnology
23.	Prof. Yogesh M. Joshi	Department of Chemical Engineering, Indian Institute of Technology Kanpur, Kalyanpur, Kanpur – 208016, Uttar Pradesh, India. E-mail: joshi@iitk.ac.in Phone: +91 5122597993	Structure and dynamics of Colloidal Glasses and Gels Soft Matter Rheology of Complex Fluids Polymer Science and Engineering, Polymer Nanocomposites
24.	Prof. Animangsu Ghatak Professor	Department of Chemical Engineering, Indian Institute of Technology Kanpur, Kalyanpur, Kanpur – 208016, Uttar Pradesh, India. E-mail: aghatak@iitk.ac.in Phone: 05122597146	Adhesion and friction on soft interfaces Fracture of soft thin sheets Bio-inspired approaches in design of engineering materials

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Department of Electrical Engineering

Sl. No.	Name of Expert	Institute	Affiliation/ Contact
1	Dr. Pradip Kumar Sadhu Professor	IIT (ISM) Dhanbad	Department of Electrical Engineering Phone: - 9431126076 Email: pradip@iitism.ac.in
2	Dr. Rajendra Prasad Professor	IIT Roorkee	Department of Electrical Engineering Email: rpdeefee@iitr.ac.in
3	Dr. Niranjana Kumar Professor	NIT Jamshedpur	Department of Electrical & Electronics Engineering Phone: -8002857194 Email: nkumar.ee@nitjsr.ac.in
4	Dr. Upendra Prasad Professor	BIT Sindri	Department of Electrical Engineering Phone: -9430771335 Email: upendra_bit@yahoo.co.in
5	Dr. Debasish Chatterjee Professor	Jadavpur University	Department of Electrical Engineering Phone: -9433887966 Email: debashisju@yahoo.com
6	Dr. Chandan Kumar Chanda Professor	IIST Shibpur	Department of Electrical Engineering Email: ckc_math@yahoo.com
7	Dr. Sakti Prasad Ghoshal Professor	NIT Durgapur	Mob: 08768772887 E-mail: spghoshalnitdgp@gmail.com
8	Dr. S. N. Singh Professor	IIT Kanpur	Department of Electrical Engineering Email: snsingh@iitk.ac.in
9	Dr. Sujit Kumar Biswas Professor	Jadavpur University	Department of Electrical Engineering Email: skbiswas@ee.jdvu.ac.in
10	Dr. Sidhartha Shankar Thakur Professor	NIT Durgapur	Department of Electrical Engineering Mob: 9434788023 Email: sst@ee.nitdgp.ac.in
11	Dr. Vivekananda Mukherjee Associate Professor	IIT (ISM), Dhanbad	Mob: 9471191127 Email: vivek_agamani@yahoo.com
12	Dr. S. C. Dutta Roy Formerly Professor	IIT Delhi	Department of Electrical Engineering Email: scdroy@ee.iitd.ac.in
13	Dr. Prasanta Sarker Professor	NITTR, Kolkata	Department of Electrical Engineering Email: psarker@nittrkol.ac.in
14	Dr. Sarsing Gao Professor	NERIST	Department of Electrical Engineering Mob: 940290210 Email: sgao@nerist.ac.in
15	Dr. Debapriya Das Professor	IIT Kharagpur	Mob: 9593400350 Email: ddas@ee.iitkgp.ac.in

Senate may approve the lists.

Decision: Approved.

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Agenda Item: 15.18: Seeking permission to invite Adjunct Professor for EE department.

The department of EE has requested to invite Adjunct Professors from IIT Guwahati to conduct some courses like EE-406, Smart Material and Devices for UG students & EE-908, Environmental Impact Assessment for M. Tech students.

Senate may accord permission for Adjunct Professors for EE Department.

Decision: Deferred. Concrete proposal should be submitted to the Chairman, Senate for approval. Other departments are also encouraged to invite Adjunct Professors as per the need of the students.

Agenda Item: 15.19: Seeking permission for floating the same course in the same semester for various departments.

The Department of Basic and Applied Science running the same courses both in **Odd and Even Semesters** with different course code for example:

- (a) Numerical Methods for EE and ECE in 4th semester (MAS-402), CSE 5th semester (MAS 521), ME and CE in 6th semester (MAS 602).
- (b) Stochastic Process for CSE, ECE, ME in 4th Semester (MAS-402), EE in 5th Semester (MAS 501).
The above courses may be floated in one semester with common course code and title.
- (c) The title of the course “Stochastic Process” may be changed to “Probability and Statistics” as it contains only probability and statistical analysis.

Some of the mathematics courses in M.Tech. have same code and title. This may be shorted out as this is creating confusion.

For Example: MAS-901 Advanced Engineering Mathematics for VLSI/REEM, MAS-901 Advance Engineering Mathematics for MSDIT but their syllabus are different.

Senate may like to accord approval for the same.

Decision: BOS will finalize the above said matter.

Agenda Item: 15.20: Seeking permission to change of the name of M.Tech specialisation in the Department of Mechanical Engineering.

The existing M. Tech Program of Mechanical Engineering Department in Mechanical System Design and Innovation Technology (MSDIT) may be renamed as **Fluids and Thermal Engineering** and syllabus may be framed accordingly.

Senate may like to approve the matter.

Decision: Approved and syllabus/curriculum shall be vetted by BOS and will be started from July-Dec, 2019 batch onwards.

Agenda Item: 15.21: Seeking permission for PhD De-Registration of Part time students.

The following Part time PhD students have submitted the applications for their PhD De-Registration. In this regard, the supervisors and concerned HoDs have accepted their applications.

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Sl No.	Name of Students	Registration No. with Year	Department
1	Mr. Rabel Guha Roy	00034/B/2016 2016	CSE
	Mr. Krishnendu Ghoai	00063/B/2017 2017	Management & Humanities
3.	Mr. Manisankar Dutta	00064/B/2017 2017	Management & Humanities
4.	Mr. Taluk Miji	00068/B/217 2017	Management & Humanities

Senate may like to consider their applications.

Decision: Approved as proposed.

Agenda Item: 15.22: Seeking approval of the lists of proposed external experts for BoS.

Department wise lists of external experts for BoS are here under:

1	Department of Computer Science and Engineering	
i	Head, Department of Computer Science and Engineering (at the grade of Professor only)*, NIT, Arunachal Pradesh.	Chairman (Ex-officio)
ii	Prof Hafizur Rahaman, Professor, IEST, Shibpur, Botanic Garden, Howrah-711103, West Bengal, Email: rahaman_h@it.iests.ac.in, rahaman_h@yahoo.co.in	External Member
iii	Prof Sivaji Bandyopadhyay, Director, NIT, Silchar, Assam – 788010, Email: sivaji_cse@yahoo.com, (Ph): 03842-224879/242273	External Member
iv	Prof Diganta Goswami, Professor, Dept. of CSE, Room No – H208, IIT, Guwahati – 781039, Assam, Email: dgoswami@iitg.ernet.in (M): 9435044903	External Member
v	Sri Saikat Ghosh, Sr. Project Manager, Yash Technologies, Pune, Email: saikat.ghosh@yash.com	External Member
2	Department of Electronics and Communication Engineering	
i	Head, Department of Electronics & Communication Engineering (at the grade of Professor only)*, NIT, Arunachal Pradesh.	Chairman (Ex-officio)
ii	Prof Harshal B. Nemade, Professor, Room No 207, Dept. of EEE, IIT, Guwahati, Guwahati-781039, Assam, Email: harshal@iitg.ac.in, (M): 9957831789	External Member
iii	Prof Sudipta Mukhopadhyay, Professor, Dept. of EECE, IIT, Kharagpur, West Bengal – 721302, Email: smukho@ece.iitkgp.ac.in, (Ph): 03222-283568	External Member
iv	Prof. Ghanshyam Singh ECE Department, MNIT Jaipur, Rajasthan, India +91-9549654233	External Member
v	Dr. M Sultan M Siddiqui, Sr. R & D Engineer II, SYNOPSIS Inc, Ghaziabad, Uttar Pradesh	External Member
3	Department of Electrical Engineering	
i	Head, Department of Electrical Engineering (at the grade of Professor only)*, NIT, Arunachal Pradesh.	Chairman (Ex-officio)

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ii	Dr. Debapriya Das, Professor, IIT, Kharagpur, West Bengal – 721302, Email: ddas@ee.iitkgp.ac.in, (M): 9593400350	External Member
iii	Prof Sakti Prasad Ghoshal, Professor, NIT, Durgapur, Mahatma Gandhi Avenue, Durgapur-713209, West Bengal, Email: spghoshalnidgp@gmail.com, (M): 8768772887	External Member
iv	Dr. Vivekananda Mukherjee, Associate Professor, IIT(ISM), Dhanbad, Jharkhand, 826004, Email: vivek_agamani@yahoo.com, (M): 9471191127	External Member
v	Sri Jagannath Dutta, Manager (CESC) 2A Lord Sinha Road, Kolkata 700071, (M): 9433522448	External Member
4	Department of Mechanical Engineering	
i	Head, Department of Mechanical Engineering (at the grade of Professor only)*, NIT, Arunachal Pradesh.	Chairman (Ex-officio)
ii	Prof Santosha K Dwivedy, Professor, IIT, Guwahati – 781039, Assam, Email: dwivedy@iitg.ac.in	External Member
iii	Prof. P S Robi, Professor, IIT, Guwahati – 781039, Assam, Email: psr@iitg.ac.in	External Member
iv	Prof Rahul Dev Misra, Professor, NIT, Silchar, Assam – 788010, Email: rdmisra@gmail.com	External Member
v	Sri Malay Kr Marmakar, Sr Scientist, CSIR Central Mechanical Engineering Research Institute, CMERI, Email: malay@cmeri.res.in / malay_karmakar@yahoo.com	External Member
5	Department of Civil Engineering	
i	Head, Department of Civil Engineering (at the grade of Professor only)*, NIT, Arunachal Pradesh.	Chairman (Ex-officio)
ii	Prof Sudip Talukdar, Professopr, Dept. of CE, IIT, Guwahati, Guwahati-781039, Assam, Email: staluk@iitg.ac.in, (Ph): 0361-2582416	External Member
iii	Prof Somnath Ghosh, Professor, Dept. of CE, Jadavpur University, 188A, Raja S C mallik Road, Kolkata-700 032, West Bengal, Email: sngceju@gmail.com, (M): 09831025676	External Member
iv	Prof. Mokaddes Ali Ahmed, Professor, Dept. of Civil Engineering, NIT, Silchar, Assam – 788010, Email: ali.mokaddes@gmail.com, (M): 9435635060	External Member
v	Dr. Pulak Kr Munsii, Technical Director, M N Dastur & Co Ltd, P-17, Mission Row Extension, Kolkata-700013	External Member
6	Department of Bio-Technology	
i	Head, Department of Bio-Technology (at the grade of Professor only)*, NIT, Arunachal Pradesh.	Chairman (Ex-officio)
ii	Dr. Utpal Bora, Professor, Dept of Bio-Sciences & Bio-Engineering, IIT, Guwahati, Assam-781039, Email: ubora@iitg.ernet.in, (M): 9954096847	External Member
iii	Dr. Jagat Chandra Borah, Scientist (R&D), IASST, Vigyan Path Garchuk, Paschim, Boragaon, Guwahati, Assam-781035, Email: jcborah03@yahoo.com, (M): 8974058967	External Member
iv	Mr. Sukanti Guha Roy, Sr. Manager, Emami Ltd, Amingaon, North Guwahati, Assam – 781031, Email: sukanti.roy@emamigroup.com, (M): 9854064904	External Member
v	Dr Dhvani Patel, Clinic Associate, BDR Pharmaceuticals International Pvt Ltd, Vadodara-390021 Email: dhwanipatelmd@gmail.com, (M): 9426872409	External Member
7	Department of Chemical Engineering	

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i	Head, Department of Chemical Engineering (at the grade of Professor only)*, NIT, Arunachal Pradesh.	Chairman (Ex-officio)
ii	Kaustubha Mohanty, Professor, Dept. of Chemical Engineering, IIT, Guwahati – 781039, Assam	External Member
iii	Prof V S Mohalkar, Professor, Dept. of Chemical Engineering IIT, Guwahati – 781039, Assam	External Member
iv	Prof Bhim Charan Meikap, Professor, Dept of Chemical Engineering, IIT, Kharagpur, West Bengal – 721302, Email: bcmeikap@che.iitkgp.ac.in , (Ph): 03222-28395	External Member
v	Sri H K Das, Dy General Manager, Indian Oil Corporation Ltd, Guwahati Refinery, Assam	External Member
8 Department of Basic & Applied Science		
i	Head, Department of Basic & Applied Science (at the grade of Professor only)*, NIT, Arunachal Pradesh.	Chairman (Ex-officio)
ii	Prof Durga Charan Dalal, Professor, Dept. of Mathematics, IIT, Guwahati, Assam-781039, Email: durga@iitg.ac.in , (Ph): 0361-2582615	External Member
iii	Prof. Santanu Saha Roy, Professor, Dept. of Mathematics, NIT, Rourkela, Odisha-769008, Email: saharays@nitrkl.ac.in (Ph): 0661-2462709	External Member
iv	Prof. T Punniyamurthy, Professor, Dept. of Chemistry, IIT, Guwahati – 781039, Assam. Email: tpunni@iitg.ac.in , (Ph): 0361-2582309	External Member
v	Prof. Pratima Agarwal, Professor, Dept. of Physics, IIT, Guwahati – 781039, Assam. Email: pratima@iitg.ac.in (Ph): 0361-2582702	External Member
9 Department of Management & Humanities		
i	Head, Department of Management & Humanities (at the grade of Professor only)*, NIT, Arunachal Pradesh.	Chairman (Ex-officio)
ii	Prof R C Parida, Professor, PG Department Commerce, RGU, Rono Hills, Doimukh, Itanagar-791112, Arunachal Pradesh Email: rparida@yahoo.co.in	External Member
iii	Prof R Mohan Pant, Professor, Centre for Management Studies, NERIST, Nirjuli, 791109, Arunachal Pradesh Email: rjivenerist@gmail.com , rmp@nerist.ac.in	External Member
iv	Prof Apurbananda Mazumdar, Dean, Jawarharlal Nehru School of Management Studies, Assam University, Silchar-788011, Assam Email: apurbamazumdar@gmail.com	External Member
v	Prof Suvasis Saha, Professor, Department of Business Management, 1, Reformatory Street, Kolkata – 700027, West Bengal. Email: dr.suvasi123@rediffmail.com	External Member

* Now no Professor is available in NIT, Arunachal Pradesh, except Director. So, Director, NIT, Arunachal Pradesh will be the Chairman (EX-Officio) for all departments upto recruitment of Professor of any department. Present HoDs of all departments will be nominated as Co-ordinator of Board of Studies Meeting, NIT, Arunachal Pradesh.

Senate may like to approve the expert lists.

Decision: Noted and approved.

Usha
12/11/18

Ata
12.11.18

D. B. Saha
12.11.18

Agenda Item: 15.23: Seeking permission to handover Mid Semester Answer script to the student concern and End Semester Answer script may kept with Course Coordinator.

NIT AP at present is at Temporary Campus. To kept the Mid Semester & End Semester answer scripts in the Examination Cell properly huge space is required, so it is proposed to handover Mid Semester answer script to the student concern and End Semester answer script may kept with Course Coordinator for 1 (one) year and after that it may be shredded.

Senate may like to approve the proposal.

Decision: Approved. However, End Semester answer scripts should be retained by the concerned course coordinator.

Additional Agenda for 15th Senate Meeting on 12/11/2018

1. Seeking permission to change the PhD Rules & Regulations passed in 14th Senate (Agenda Item No. 14.09, Clause 3.2):

An appeal has been received from HoD ECE & HoD CSE to change the PHD Rules & Regulations passed in 14th Senate (Agenda Item No. 14.09, Clause 3.2). The details are here under:

- (i) In the agenda item: 14.09: PhD Rules & Regulations of 14th senate, clause No. 3.2: Criteria of PhD Supervisor it is mentioned that, "A permanent faculty member of the institute with PhD qualification (post PhD experience 3 year is mandatory but at least one year in NIT Arunachal Pradesh) can act as a research supervisor. However, in case of demise/any other casualty, the PS registered under a supervisor (s) shall be transferred to other suitable supervisor (s) in the department subject to approval of RAC".
- To increase the momentum of research and to motivate the young faculty members who have just completed PhD, this may be change as
"A regular faculty member (recruited against sanctioned post) of the institute with PhD qualification can act as a research supervisor. However in case of demise/ any other casualty/retirement/resignation, the PS registered under a supervisor (s) shall be transferred to other suitable supervisor(s) in the department subject to approval of RAC".
- (ii) Few clarification are sought: In the agenda item: 14.09: PhD Rules & Regulations of 14th Senate, clause 3.3 the number of PhD scholar a Professor, Associate Professor and an Assistant Professor is stated.
- a) Will full-time PS counted as 1 and part-time as 1/2?
b) If a faculty member has "N" projects, should "N" PS be allowed under that faculty, if not why?

Decision:

A faculty member (recruited against sanctioned post) of the institute with PhD qualification is eligible for supervision of PhD students. However, senate advises such faculty member to take help from senior faculty from the department as co-guide.

Regarding item (ii), decision of senate is deferred.

The meeting ended with the vote of thanks

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12.11.18

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