



भारतीय प्रौद्योगिकी संस्थान गुवाहाटी

INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI

शासी मंडल की 110th वीं बैठक

THE ONE HUNDRED AND TENTH MEETING OF THE BOARD OF GOVERNORS

MINUTES

DATE & TIME: 31ST MARCH 2022 AT 7.00 A.M.

VENUE: IIT GUWAHATI

MINUTES OF THE 110TH MEETING OF THE BOARD OF GOVERNORS HELD ON
31.03.2022

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**Agenda of the 110th meeting of the Board of Governors of Indian Institute of Technology
Guwahati held on 31.03.2022**

SECTION - A: Confirmation of Minutes, Action Taken Report& Presentation

The One Hundred Tenth (110th) Meeting of the Board of Governors of the Institute was held on 31.03.2022 in the Board Room of the Institute with some members joining through video conferencing mode. Following members were present in the meeting:

1. Dr. Rajiv I. Modi	Chairman (via Video-conference Mode)
2. Prof. T.G. Sitharam	Director
3. Prof. S.K. Srivastava	Member (via Video-conference Mode)
4. Padmashri Dr. Prahlada Rama Rao	Member (via Video-conference Mode)
5. Prof. Varadraj B. Bapat	Member (via Video conference Mode)
6. Mr. Neel Prakash Chhetri	Member (via Video conference Mode)
7. Prof. Pranab Goswami	Member (via Video conference Mode)
8. Prof. Tamal Banerjee	Member
9. Prof. A. Srinivasan	Registrar and Secretary
10. Prof. Sashindra Kumar Kakoty	Member (Special Invitee)

Sh Rakesh Ranjan, Additional Secretary (HE) MoE, and Commissioner & Secretary to the Government of Assam, could not attend the meeting due to unavoidable commitments and they were granted leave of absence.

Director welcomed and introduced Prof. Tamal Banerjee, Department of Chemical Engineering to the Board as the new Senate nominee to the BOG for 2(Two) years.

Hon'ble Chairman, BOG welcomed all the members present in the meeting and proposed that the presentations be made under Item No.1 and 2 before taking up the agenda of the day.

The Board was also informed about the receipt of comments on the Agenda of 110th BOG meeting of IIT Guwahati from the Ministry of Education vide F No 6-8/2018-TS-I dated 28.03.2022. {Copy at **Annexure-1**(pg no.48-51)}

Before taking up the agenda of the day, Director of the Institute gave a brief A/V presentation on the activities carried out in the Institute in the post Covid scenario highlighting the following points:

- Reopening of Institute in full by bringing back all students in campus in four phases starting from 19th February 2022 and the start of physical offline classes from 21st March 2022 with more than 7000 students in the campus.
- The Virasat annual cultural extravaganza of SPIC MACAY IIT Guwahati was held offline from 8-10 March 2022 in the campus showcasing the diverse range of artist from folk to classical and from dance to music across the different parts of our country.

- Annual cultural festival of IIT Guwahati Alcheringa, 2022 was inaugurated on 11th March 2022 and conducted in the hybrid mode.
- Spardha, an inter hostel sports event started from 25th March 2022 in the campus
- Chemical Research Society of India's 28th National Symposium in Chemistry was held offline in IIT Guwahati from March 25-27th 2022.
- IIT Guwahati inaugurated a 100 days' yoga festival from March 28 to June 21,2022 on the occasion of 8th International Yoga Day (IDY) June 21,2022.

Thereafter, the agenda for the day was taken up as listed below:

Item No,1

Presentations by Head, Biosciences and Bioengineering, and Head, Nanotechnology

The Board of Governors of the Institute in its 108th Meeting held on 25.10.2021 suggested the Heads of two or three Departments/Sections alternatively to make brief audio/visual presentations to showcase the achievements of the Departments/Centre/Schools including their plans, innovations, and contribution to the Nation in general and the North East in particular.

Accordingly, 2(Two) power point-point presentations of about 15 minutes each were delivered by Head, Biosciences and Bioengineering and Head, Centre for Nano technology before the BOG showcasing the recent activities, achievements and plans of the respective Department/Centre

Both the presentations emphasised on the following topics:

- Thrust areas of research
- Notable achievements of students
- Achievements of the faculty members of the Department
- Brief account of the diverse research areas where faculty members of the respective Department are actively involved in and their impact.

The Board **NOTED** all the points mentioned in the ppt presented by Head of BSBE and Head of Centre for Nanotechnology. The Board also appreciated the efforts of both the Dept. /Centre of BSBE and Nanotechnology and congratulated both the Heads for the outstanding work done by the Department /Centre.

The Board further **OPINED** that, Institute should focus more on collaborative research to bring distinct expertise to the thrust research area.

The Board resolved as below:

Resolution No: R_110BOG/01/2022

RESOLVED that all the points mentioned in the presentation by Head of BSBE and Head of Centre for Nanotechnology be **NOTED**.

Item No,2

The Report on NEP implementation in IIT Guwahati roadmap

The Board was apprised that, In the 106th meeting of BOG vides resolution R_106BOG/11 B /2021, the Board **ACCEPTED** the report on Implementation of National Education (NEP) Policy at IIT Guwahati submitted by the committee constituted by the Director on 3rd November 2020 and **ADVISED** that while implementing the NEP in IIT Guwahati

multidisciplinary approach should be encouraged.

Following the decision of the Board, the Senate vide its resolution R.157/10/2021 resolved to constitute following 2 committees for reviewing or aligning the academic programmes of the Institute with NEP 2020.

- ❖ 1st Committee to review the overall NEP 2020 implementation by IITG was headed by the Dean of Academic Affairs
- ❖ 2nd committee to review all the UG programmes was headed by the Associate Dean of Academic Affairs (UG).

To know the status of implementation of NEP in IIT Guwahati, Prof. Chitrallekha Mahanta, Dean of Academic Affairs made a presentation on up to date detailed report on “NEP implementation roadmap in IIT Guwahati” before the Board.

In her presentation Prof. Mahanta highlighted that IIT Guwahati already has a number of inter-disciplinary programmes and several more are in the pipeline. She also updated the Board about the following upcoming interdisciplinary programmes.

- School of Health Science and Technology to start M.Tech programme in Biomedical Science and Engineering with Specialization in Medical Devices and Diagnostics from July 2022.
- School of Business to start MBA programme from July 2022
- HSS Department to start M.A in Liberal Arts from July 2022
- School of Energy Science and Engineering to start B. Tech in Energy Engineering from July 2022.
- INTER - DISCIPLINARY PHD PROGRAMME

She also emphasized that, IIT Guwahati has also drawn up a draft policy for Awarding credits to Swayam NPTEL-MOOC Courses as per NEP 2020 recommendation. The main features of the draft policy are:

- ❖ Every academic department/centre/school will create a basket of available NPTEL- MOOCs such that every student gets an opportunity to register at least one elective from NPTEL-MOOCs in lieu of departmental/open electives.
- ❖ All the existing grading criteria of NPTEL will be followed and mapped suitably to IITG grades.

It was also apprised that at present IIT Guwahati has 11 Departments, 7 multi-disciplinary Academic Centres and 5 multi-disciplinary schools. The presentation of Prof. Mahanta is given as **Annexure-2** (not enclosed)

The Board was requested to **NOTE** the report on NEP implementation roadmap in IIT Guwahati as presented by Dean, Academic Affairs

The Board appreciated the efforts made by IIT Guwahati for implementation of NEP 2020 and **NOTED** all the points presented in the presentation.

The Board also commented that IIT Guwahati has all the essential elements to implement NEP policy in the Institute and has taken the right direction for implementing the same in true spirit. IITs across the country seem to be taking the lead in this process of moving

from single to multi-disciplinary Institutes and IIT Guwahati is also not lagging behind in this endeavor. Further, the Board advised for fixing a timeline for implementation of NEP 2020 in the Institute.

The Board discussed and resolved as below:

Resolution No: R_110BOG/02/2022

RESOLVED that all the points mentioned in the presentation on NEP implementation roadmap in IIT Guwahati by Dean Academic Affairs be **NOTED**.

The Board further **ADVISED** for fixing a timeline for implementation of NEP 2020 in the Institute.

Item No. 3(A)

Confirmation of the minutes of the 109th meeting of the Board of Governors of the Institute held on 28.12.2021

The 109th meeting of the Board of Governors (BoG) of the Institute was held on 28.12.2021 in the Board Room of the Institute and also through video conferencing. The minutes of the meeting as given in **Annexure-3** (not enclosed as already uploaded) was circulated amongst the members of the Board for their comments / observations, if any.

No comments have been received on the BOG minutes of 109th meeting held on 28.12.2021 from any member of the Board.

The Board was requested to confirm the minutes of 109th meeting of BOG held on 28.12.2021 as circulated.

The Board resolved as below:

Resolution No: R_110BOG/3A/2022

RESOLVED that the minutes of the 109th Meeting of the Board of Governors of the Institute held on 28.12.2022 be **CONFIRMED** as placed in **Annexure-3** (not enclosed as already uploaded).

Item No.3 (B)

Confirmation of the items approved by BOG through circulation among BOG members

The following items were circulated amongst the BOG members and approval for Item 1 was obtained from members and Hon'ble Chairman, BOG through Circulation.

Item No	Item	Proposal	Decision
1	To consider the list of graduating students who have completed their PhD Degree programme after the 23rd Convocation from 12th October 2021 till 31st January 2022 for the award of degrees.	To approve the list of graduating students who have completed their Ph. D Degree programmes after the 23rd Convocation, from 12th October 2021 till 31st January 2022, and found eligible to receive Ph. D degrees are given in Annexure 4 (pg.52). A foreign	Approved by Circulation

		student (enrolment no 176102006) who has completed his degree on 1st February 2022 is also included in the list as a special case.	
2	To consider the proposal from the Secretariat of the Hon'ble Governor of Assam for instituting annual awards for meritorious students, one each for UG and PG programmes.	To approve the proposal from the Secretariat of the Hon'ble Governor of Assam for instituting the annual awards for meritorious students, one each for UG and PG programme.	Approval received from 4 BOG members by Circulation. It will be placed as one of the items in 110 th BOG meeting.

The Board was requested to confirm the Item no 1 of the table above (list of graduating students) as approved by BOG through Circulation.

The Board deliberated and resolved as below:

Resolution No: R_110BOG/3B/2022

RESOLVED that Item No 1 as proposed in the table above on the list of graduating students who have completed their PhD Degree programme after the 23rd Convocation from 12th October 2021 till 31st January 2022 for the award of degrees be **CONFIRMED** as approved by BOG through circulation.

Item No. 4(A)

To consider the Action Taken Report (ATR) of the decisions of the 109th Meeting of the Board of Governors of the Institute held on 28.12.2021

Action Taken Report (ATR) on the decisions of the 109th meeting of the Board of Governors of the Institute held on 28.12.2021 was placed as **Annexure-5** (pg.53-61) before the Board for consideration. The Board was requested to consider, note and advice, if any on the actions taken report as per the decisions.

The Board **NOTED** the same and resolved as below:

Resolution No: R_110BOG/4A/2022

RESOLVED that the actions taken as per the decision of the 109th meeting of the Board of Governors of the Institute held on 28.12.2021 be **NOTED** as reported.

Item No. 4 (B)

To consider the Action Taken Report (ATR) of the decisions of items approved by circulation among the BOG members

Action Taken Report (ATR) on the decisions of the item approved by the Board of Governors of the Institute through circulation was placed as **Annexure-6** (pg.62) before the Board for consideration. The Board was requested to NOTE the actions taken as per the decision.

The Board was requested to consider, note and advice, if any on the ATR.

The Board **NOTED** the same and resolved as below:

Resolution No: R_110BOG/4B/2022

RESOLVED that the actions taken on the decisions of the item approved by the Board of Governors of the Institute through circulation be **NOTED** as reported.

SECTION- B: Administrative items requiring approval of the Board

Item No 5

Status report on filling of backlog vacancies in faculty positions

The Ministry of Education vide its letter under reference D.O. No. 33-2/2021-TS-III (Pt.I) dated 24.08.2021, advised to clear the backlog by filling the vacancies in a Mission Mode within a period of one year starting from 05.09.2021 to 04.09.2022, which was placed in the 108th meeting of the BOG with status report. The Ministry also advised to include an agenda item in every Finance Committee/Board of Governors/ Board of Management meeting, giving status of filling up of backlog vacancies.

IIT Guwahati has advertised for special recruitment drive for filling the vacancies in position against reserved categories for all faculty positions.

Current status of vacancy positions in respect of IIT Guwahati are furnished as below:

1.	Students strength (as on 1 st April 2021)						6959
2.	Sanctioned Faculty Strength (1 : 10 ratio of Faculty : Students)						696
3.	Faculty in position (as on 28.02.2022) with break-up category-wise (as on 28.02.2022)						
	GEN	SC	ST	OBC	EWS	PWD	Total
	393	19	04	16	-	03	435
4.	Vacant position						261
5.	Status of Vacant Positions against reserved category (2021-22)*						
		SC	ST	OBC	EWS	PWD	Total
	Vacant positions	39	20	70	26	-	155
	Filled up in ongoing regular recruitment	02	0	00	01	-	03
	To be filled	37	20	64	25	-	152

*It may be mentioned that, as the strength of students keep changing throughout the year, sanctioned faculty strength also changes while calculating in different time of a year. Because of variable nature of data, vacancy positions will also change, making it difficult to keep track of the category-wise vacancy positions. As such, earmarking/calculation of the vacancy positions will be done on the basis of the student's strength (as on 1st April) in the beginning of a particular financial year and use it till the end of that financial year.

This was placed before the Board for information.

The Board **NOTED** the same and resolved as below

Resolution No: R_110BOG/5/2022

RESOLVED that the Status Report on filling of backlog vacancies of faculty recruitment in the Institute be **NOTED** as reported.

Item No .6

To consider the proposal from the Secretariat of the Hon'ble Governor of Assam for instituting annual awards for meritorious students, one each for students of UG and PG programmes

The Board was apprised that the following item has been APPROVED by the Senate by Circulation dated 10/01/2022.

“As per the letter No. GSA. 133/2021/1 dated 10.12.2021 from the Secretariat of the Hon'ble Governor of Assam, placed in Annexure 7 (pg.63), the Institute has received a proposal for instituting annual awards for meritorious students, one each for UG and PG programmes in the name of the Hon'ble Governor of Assam and requested to make a proposal along with the scheme and design for the awards.

Considering the norms of the Institute and the existing awards/medals given to the students of IIT Guwahati, Academic Affairs Section deliberated and made a proposal to institute with reference to the two awards:

Award for Postgraduate Students:

Name of the Award: “The Governor of Assam Gold Medal” for Postgraduate Students

Eligibility: The Medal will be awarded each year to the student who secures the highest Cumulative Performance Index among all eligible students of the batch receiving any of the Master's degrees of the Institute. Currently, the programmes are Master of Arts, Master of Science, Master of Business Administration, Master of Technology, Master of Design and Master of Science by Research. However, this will include all the Master's programmes available in the awarding year.

Award for Undergraduate Students:

Name of the Award: “The Governor of Assam Gold Medal” for Undergraduate Students

Eligibility: The Medal will be awarded each year to the student who secures the second highest Cumulative Performance Index among all eligible students of the batch receiving the degrees of Bachelor of Technology and Bachelor of Design.

It is to be noted that the student who stands first in the above category is awarded “The President of India Gold Medal”.

Endowment Amount: For each of the above-mentioned awards, Rs. 10,00,000/- (Rupees ten lakhs) and above one time or a buffer amount that will earn at least Rs. 1 lakh as annual interest. The excess interests earned (after deducting the award amount) will be added to the endowment to be used to cover drop in interest rates, inflation and growth in future.

Accordingly, the Secretariat of Hon'ble Governor of Assam responded with an acceptance of proposal and sanction of Rs. 20,00,000/- (Rupees twenty lakhs only) as per the letter GSA. 133/2021/32 dated 07.01.2022, placed in Annexure 8 (pg.64-65), with a request to name the awards as “Governor Award for Excellence to Meritorious Students”.

In view of this, it is proposed to mention in the certificate as “Governor of Assam Gold Medal for Excellence to Meritorious Students”, whereas on the medal it will be titled as “Governor of Assam Gold Medal”, as shown in design of medals and certificates, as placed in **Annexure 9**(pg.66-69).

Further, as the awards are proposed in the name of the Hon’ble Governor of Assam, the Senate may consider it for awarding the same in the annual convocation of the Institute.

Considering the feedback of the members, it is also opined that the student receiving the Governor of Assam Gold Medal for Postgraduate/Undergraduate students will NOT get the Institute Silver Medal, while he/she may be topper of the respective branch/discipline.

For awarding these medals, following tie-breaking rules will be used in the given order:

1. Percentage of "AS" grades (obtained over the number of credit courses)
2. If required, percentage of “AA” grades, then “AB”, etc.
3. Percentage of marks or CPI converted to percentage (CPI on 10-point scale, or scaled to 10 points, multiplied by 10) of the preceding degrees/qualifications in the following order:
 - i. Bachelor’s degree (even if they have other Master’s degrees, only the Bachelor’s degree marks will be considered)
 - ii. Class 12
 - iii. Class 10
4. If still there is a tie, one who is the youngest (as per the DoB in the records) will be awarded.

The Senate vide resolution R159/14/2022 **RESOLVED** that the proposal from the Secretariat of the Hon’ble Governor of Assam for instituting two annual awards, viz., Governor of Assam Gold Medals for Excellence to Meritorious Students, one each for UG and PG programmes as detailed above be **APPROVED** and **RECOMMENDED** the same be placed in the BOG.”

Placed before the Board for consideration and approval of the proposal from the Secretariat of the Hon’ble Governor of Assam for instituting annual awards for meritorious students, one each for UG and PG programmes.

The Board discussed and resolved as below:

Resolution No: R_110BOG/6/2022

RESOLVED that the proposal from the Secretariat of the Hon’ble Governor of Assam for instituting two annual awards, viz., Governor of Assam Gold Medals for Excellence to Meritorious Students, one each for UG and PG programmes as detailed above be **APPROVED**

Item No .7

To consider the proposal of empanelment of new hospitals in Guwahati for referral

The Board was apprised that the committee constituted to look into the matter of empanelment of the following hospitals under IIT Guwahati visited these hospitals to analyse hospital health infrastructure, specialties, and hospital rates.

1. the Pratiksha Hospital,
2. the ASG Eye Care Hospital,
3. and the Akanksha Hospital

The Committee during their visit to these hospitals discussed the rate of discount offered on the lab investigations, doctors' consultation, and medicines e.t.c. on the OPD treatment offered by them to Institute patients. Following the committee's visit to these hospitals, the hospitals and hospital documents related to their affiliation, license and discount submitted by these hospitals, the committee presented the following points for consideration for the empanelment

Sl No.	Name of the Hospital for empanelment	Specialities	Affiliation	Rate list submitted or not	Doctors and nursing /paramedical staff strength	Discount rate(%) offered on OPD treatment
1.	The Pratiksha Hospital, Guwahati	O&G, Paediatrics, Gen. Medicine, Gen Surgery, Orthopaedics, ENT (Super Speciality Wing of the hospital coming up in Feb-Mar 2022)	NABH certification valid till 8 th JUN 2021 and renewal of the NABH certification applied for. Hospital laboratory NABL certified with the state-of-art technology	yes	Doctors=40(approx.) Nursing =200(approx.)	10 % on the lab investigations
2.	The ASG Eye Care Hospital Guwahati (both Down Town and Paltan Bazaar Centres)	Q-Lasik, Corneal Transplant, Glucoma, Cataract, Diabetic Retinopathy, Retinal Detachment, Squint, and Oculoplasty	Down Town Centre CGHS empanelled since 2019. CGHS empanelment of Paltan Bazaar centre is under process. Quality Control of India(QCI) certification, registered under Sec 15 of the Clinical Establishment Act (Registration and Regulations) Act, 2010,	yes	Doctor =10 Nursing staff=04 Paramedical staff (Optimetricians)=12	1.) 1 st OPD free and from 2nd at Rs300 per visit. 2.) 10% discount on Investigation or Minor procedures. 3.) 10% discount on Optical Purses. 4.) 10% discount on Surgeries /IPD (without insurance)

			Govt. of Assam, HOTA approved Eye Bank. Other certifications are enclosed herewith. ASG Eye Care Hospital have already applied for QCI(NABH) certification on 16/08/2021 for both the centres in Guwahati			
3.	The Akanksha Hospital, Guwahati	O&G, Paediatrics, Surgery, Medicine, Radiology, ENT, Anaesthesiology and Critical Care and Laboratory Services <i>*O&G, Neo-Natal, and Paediatric care service is offered on a 24x7 basis.</i>	Registered under the Sec 15 of the the Clinical Establishment Act (Registration and Regulations) Act, 2010, Govt. of Assam. The Hospital has applied for NABH certification in the year and inspection from NABH is due	yes	Doctors =30 Para-medical staff=65	20 % discount on OPD Consultation on In-House Doctors. 15 % discount on OPD investigations.

Based on the empanelment documents submitted and official visits to the hospitals mentioned above, the Committee entrusted to look into the hospital empanelment recommended that –

(i) the Pratiksha Hospital, Guwahati, (ii) the ASG Eye Care Hospital, Guwahati (both Down Town and Paltan Bazaar Centres) and (iii) the Akanksha Hospital, Guwahati be empanelled under IIT Guwahati for OPD treatment.

The Board was requested to approve the recommendation of the Committee entrusted to look into the hospital empanelment of –(i) the Pratiksha Hospital, Guwahati, (ii) the ASG Eye Care Hospital, Guwahati (both Down Town and Paltan Bazaar Centres) and (iii) the Akanksha Hospital, Guwahati under IIT Guwahati for OPD treatment.

The Board discussed and resolved as below:

Resolution No: R_110BOG/7/2022

RESOLVED that the recommendation of the Committee entrusted to look into the hospital empanelment of - (i) the Pratiksha Hospital, Guwahati, (ii) the ASG Eye Care Hospital,

Guwahati (both Down Town and Paltan Bazaar Centres) and (iii) the Akanksha Hospital, Guwahati under IIT Guwahati for OPD treatment be **APPROVED**.

Item No 8

To consider the proposal from the School of Health Science and Technology for starting M Tech programme in Biomedical Science and Engineering

The Board was apprised that, the Senate in its 159th Meeting held on 11.02.2022 approved the proposal vide Resolution R159/5/2022 received from the School of Health Science and Technology for starting M Tech programme in Biomedical Science and Engineering with Specialization in Medical Devices and Diagnostics with 20 seats as per recommendation of the 117th IPPC, held on 31st January, 2022.

The Board was also apprised that the Senate examined the proposal of the programme as resolved by the IPPC and approved the same with the following suggestions:

- The programme may include clinical aspects of the courses.
- Mehta Family would provide fellowship to attract top notch students.
- Faculty can visit foreign universities.
- “HT” can be used as prefix for coding the courses instead of “SH”.
- Electives to carry the prefix as “XX”.
- Course numbers can be allotted to the proposed courses.

The Board was requested to approve the proposal of School of Health Sciences and Technology {as given as **Annexure -10** (pg.70-71)} for starting M Tech programme in Biomedical Science and Engineering with Specialization in Medical Devices and Diagnostics with 20 seats as per recommendation of the 159th Senate.

The Board discussed and resolved as below:

Resolution No: R_110BOG/8/2022

RESOLVED that the proposal of School of Health Sciences and Technology (as given as **Annexure-10**) for starting M Tech programme in Biomedical Science and Engineering with Specialization in Medical Devices and Diagnostics with 20 seats as per recommendation of the 159th Senate be **APPROVED** with the following suggestions:

- The programme may include clinical aspects of the courses.
- Mehta Family would provide fellowship to attract top notch students.
- Faculty can visit foreign universities.
- “HT” can be used as prefix for coding the courses instead of “SH”.
- Electives to carry the prefix as “XX”.
- Course numbers can be allotted to the proposed courses.

Item No 9

To consider the proposal on increase of Hostel mess caution money.

The Board was apprised that the Hostel Services Committee Members in its meeting held on 09.02.2022 recommended to increase the mess caution money from Rs. 3600/- to 6000/- from July-Nov 200 semester onwards and the same was placed in the BOG for approval.

Ministry of Education vide its letter F No 6-8/2018-TS-I dated 28.03.2022, however

commented that the matter may be routed through Finance Committee.

The Board was requested to approve the proposal to increase the mess part of the caution money from existing Rs.3600/- (Rupees Three Thousand Six Hundred only) to Rs 6000/-(Six Thousand Only) from July-Nov 2022 semester onwards.

The Board deliberated on the matter and **NOTED** that since all the offline classes of IIT Guwahati from B Tech to Ph D have started in full-fledged manner, all hostels have been opened for the students. So, the Board considered the proposal to increase the mess part of the caution money from existing Rs. 3600/- (Rupees Three Thousand Six Hundred only) to Rs. 6000/-(Six Thousand Only) from July-Nov 2022 semester onwards.

The Board after deliberation resolved as below:

Resolution No: R_110BOG/9/2022

RESOLVED that the proposal to increase the mess part of the caution money from existing Rs. 3600/- (Rupees Three Thousand Six Hundred only) to Rs. 6000/-(Rupees Six Thousand Only) from July-Nov 2022 semester onwards be **APPROVED** in principle.

The Board **ADVISED** to report the said matter in the next Finance Committee meeting.

Item No 10

To consider and approve the recommendation of the Committee constituted for developing a mechanism for collecting alumni membership fee.

The Board was apprised that the committee constituted for developing a suitable mechanism for collecting alumni fee vide notice no. IITG/ER/BoG/57/787 dated 24.02.2022 met on 28.12.2022 and recommended the following:

1. One -time fee of Rs.1500/- towards Alumni Membership Fee may be collected at the time of admission from each student with a provision that this fee is to be returned to the student, if he/she discontinues or is terminated from the academic programme.
2. The Institute may continue collecting this fee in a perpetual manner until any further decision in this regard. However, the AER office may review the quantum of fee, based on the need, and propose the same from time to time to the Institute for approval.
3. The committee also recommended for collecting the Alumni Membership Fee from the students admitted in the AY 2021-22, which was kept in abeyance, along with the fee due from Monsoon Semester,2022.

The Copy of the Minutes of the meeting held on 28.02.2022 is given as **Annexure-11**(pg.72-73).

The Board was requested to approve the above-mentioned recommendation of the Committee constituted for developing a suitable mechanism for collecting alumni fee. However, Ministry vide letter F No -6-8/2018-TS-I dated 28.03.2022 commented to route this item through the Finance Committee.

The Board discussed the matter and **NOTED** that since no Finance Committee meeting will be scheduled before June 2022; the recommendation of the Committee constituted for developing a mechanism for collecting alumni fee may be approved in principle and reported in the next meeting of Finance Committee.

The Board resolved as below:

Resolution No: R_110BOG/10/2022

RESOLVED that the recommendation of the Committee constituted for developing a mechanism for collecting alumni membership fee be **APPROVED** in principle and same may be reported in the next meeting of Finance Committee.

Item No.11

To consider the proposal of transfer of all recruitment matters of all honorary faculty positions to AER Section and Change of composition of IFAC for recruitment of honorary faculty positions

The Board was apprised that following an approval on the modifications on the Policy Document for appointment of Honorary/ Adjunct/ Visiting Foreign Faculty and Professor of Practice at IIT Guwahati, in the 102nd meeting of the BoG, it was proposed that –

1. All matters related to various honorary positions are to be looked by the AER office.
2. Dean, AER may be included in the Institute Faculty Advisory Committee (IFAC) for recruitment in Honorary/ Adjunct/Visiting Foreign Faculty and Professor of Practice at IIT Guwahati. Thus, proposing revision of the IFAC as below:

Existing			Proposed		
1	Director	Chairperson	1.	Director	Chairperson
2	Dean of Faculty Affairs	Member & Convener	2.	Dean of Faculty Affairs	Member
3	Dean of Research & Development	Member	3.	Dean of Research & Development	Member
4	Dean of Academic Affairs	Member	4.	Dean of Academic Affairs	Member
5	Head of the concerned department/ Centre/ School	Special Invitee	5.	Dean of Alumni & External Relations	Member & Convener
			6.	Head of the concerned department/ Centre/ School	Special Invitee

The Board was requested to consider and approve the proposal at Sl No 1 and 2.

The Board discussed and resolved as below:

Resolution No: R_110BOG/11/2022

RESOLVED to **APPROVE** the following:

1. All matters related to various honorary positions are to be looked by the AER office.

2. Revision of the constitution of the IFAC for recruitment in Honorary/ Adjunct/Visiting Foreign Faculty and Professor of Practice at IIT Guwahati as below:

REVISED CONSTITUTION OF THE IFAC		
1.	Director, IIT Guwahati	Chairperson
2.	Dean of Faculty Affairs, IIT Guwahati	Member
3.	Dean of Research & Development, IIT Guwahati	Member
4.	Dean of Academic Affairs, IIT Guwahati	Member
5.	Dean of Alumni & External Relations, IIT Guwahati	Member & Convener
6.	Head of the concerned department/ Centre/ School, IIT Guwahati	Special Invitee

Item No.12

To consider and approve the recommendations of the Selection Committee for appointment of faculty positions in the Department of Design

The Selection Committee meeting for the Department of Design was held on 23.02.2022.

The Recommendation of the selection Committee for the position of Assistant Professor and Associate Professor has been tabled on the day of the meeting.

The recommendation of the Selection Committee is as under:

1. Appointment to the post of Associate Professor

SI No	Name	Recommended for	Initial Pay (in Rs)
1.	Dr. Santosh Nagnath Jagtap	Associate Professor	As per rule
2.	Dr. Urmi Ravindra Salve	Associate professor	As per rule

2. Appointment to the post of Associate Professor

SI No	Name	Recommended for	Initial Pay (in Rs)
1.	Dr. Ajeet Kumar	Assistant Professor	Pay level-10 cell-8

The Board was requested to approve the recommendation of the selection Committee for the above-mentioned post.

The Board resolved as below:

Resolution No: R_110BOG/12/2022

RESOLVED that the recommendation of the selection committee for the position of Assistant Professor and Associate Professor in the Department of Design as per the aforementioned table be **APPROVED**.

Item No.13

To consider and approve the recommendation of the Departmental Promotion Committee Meeting for the post of Assistant Registrar held on 18.02.2022

It was apprised to the Board that the Departmental Promotion Committee consisting of the following members, met on 18.02.2022 in the Interview Room of IIT Guwahati for selection and appointment (promotion) to the post of **Assistant Registrar (4 UR)** from amongst the internal candidates against advertisement vide Circular under reference No. Ref. R&P/174/MODALITY/IR/2020/14 dated 05.01.2022.

Sl No	Name
1.	Director, IIT Guwahati
2.	Deputy Director, IIT Guwahati
3.	Registrar, IIT Guwahati
4.	Prof. P.K Iyer, Dean PRBR as Director's nominee

The Committee noted that 17 internal candidates had applied for the post of Assistant Registrar. After screening the applications, all the following 17 candidates were called for the interview.

Sl No.	Name of the Candidate	Sl No.	Name of the Candidate
1.	Mr. Apurba Bhuyan	10	Mr. Narayan Kalita
2.	Ms. Banashree Patgiri	11	Ms. Nibha Devi
3.	Ms. Himadri Rajbongshi	12	Ms. Nishashree Patgiri
4.	Mr. Jiban Ch. Barman	13	Mr. Pankaj Kr. Purkayastha
5.	Mr. Jiten Sarmah	14	Mr. Prabir Das
6.	Mr. Kumud Ch. Das	15	Mr. Pradip Kr. Sinha
7.	Mr. Lankeswar Boro	16	Mr. Rituporna Sarma
8.	Mr. Manashjyoti Pathak	17	Mr. Surendra Mohan Saloi
9.	Mr. Nandeswar Das		

The Board was also informed that the recommendation of the Selection Committee will be tabled at the day of the meeting.

The Board was requested to approve the recommendation of the Selection Committee.

The recommendation of the committee was opened before the BOG and the names were read aloud.

The Board was requested to consider and approve the Selection Committee Report that recommended the following 04(four) candidates for the post Assistant Registrar (UR) vide DPC Meeting held on 18.02.2022:

Sl. No.	Name	Category of the employee	Category of the post	Pay
1.	Mr. Jiban Ch. Barman	GEN	UR	As per rules
2.	Ms .Nibha Devi	GEN	UR	As per rules
3.	Mr. Rituporna Sarma	GEN	UR	As per rules
4.	Mr. Jiten Sarmah	GEN	UR	As per rules

The Committee also recommended the following panel (Valid for one year):

Sl. No.	Name	Category of the employee	Pay
5.	Mr. Surendra Mohan Saloi	OBC	As per rules
6.	Mr. Manash Jyoti Pathak	GEN	As per rules
7.	Mr. Pradip Kumar Sinha	GEN	As per rules
8.	Mr. Apurba Bhuyan	GEN	As per rules

Resolution No: R_110BOG/13/2022

Resolved to APPROVE the recommendation of the Departmental Promotion Committee Meeting for selection of the 04 (four) candidates and the Panel mentioned above for the post of Assistant Registrar held on 18.02.2022.

Item No.14

To consider and approve the proposed selection committee for Senior Technical Officer post

The Board was apprised that IIT Guwahati has advertised for appointment to the 3 posts (UR) of Senior Technical Officer. Vide Advt. No IITG/07/2021 dated 14.12. 2021. For which 127 applications has been received. Out of 127 applicants, 11 applicants are shortlisted by the Short-listing Committee for appearing in the Interview. As per the provisions of the Statutes 12(3) (b), the Selection Committees for filling up the posts of Faculty and Technical Officers, in the Institute, shall be composed as follows

- | | |
|---|-----------------|
| <i>i. Director</i> | <i>Chairman</i> |
| <i>ii. Two nominees of the Board, one being an expert, but other than a member of the Board</i> | <i>Member</i> |
| <i>iii. One expert nominated by the Senate</i> | <i>Member</i> |
| <i>iv. Head of the Dept./ Centre concerned, if the post for which selection is made is lower in status than that occupied by the Head of the Department/ Centre</i> | <i>Member "</i> |

List of approved Board nominees does not exist for any department although the Board has permitted use of nominees meant for faculty posts to be used for Technical officer posts too. Hence the following selection committee was proposed for this particular advertisement of STO (Advt. No. IITG/R/07/2021 dated 14.12.2021):

1.	Director	Chairman
2.	Prof. U.S.N.Murthy, Director , NIPER, Guwahati	Board Nominee -1
3.	Prof. Alak Buragohain, Former VC Dibrugarh University	Board nominee-2
4.	Dr. Kalyan Goswami, Former Director, Plasma Physics/Dr. Deepak Goswami,	Senate nominee
5.	Deputy Director, IIT Guwahati	Member (Representative of Head/Centre etc)

The Board was requested to approve the aforementioned proposal.

The Board resolved as below:

Resolution No: R_110BOG/14/2022

RESOLVED that the aforementioned proposed selection committee for the Post of Senior Technical Officer advertised vide ADVT No. IITG/R/07/2021 dated 14.12.2021 be **APPROVED**.

Item No.15

To consider the recommendation for compassionate appointment of Ms Barnali Das w/o late Mr. Binod Das

The Board was apprised that the widow of Late Binod Das, Attendant of the Institute vide letter dated 18.08.2020 and 20.12.2021 stated the financial hardships faced by the family since Mr. Das was the sole earner of the family. She applied for compassionate appointment in the prescribed format of the Institute.

Accordingly, a committee was constituted in the Institute for examining the request of Ms. Barnali Das w/o Late Mr. Binod Das.

The committee **NOTED** that as per existing guidelines/policy for Compassionate Appointment Scheme which was approved by the BOG in its 105th meeting held on 30.11.2020, as a dependent family member, Ms. Barnali Das, wife of Late Binod Das is eligible for consideration of appointment on compassionate ground.

The Committee in its meeting held on 03.02.2022 discusses the matter and noted the following eligibility criteria and relaxation as per policy adopted and approved in the 105th Meeting of BOG.

Criteria & Relaxation

- i) Appointment can be made in the Group 'C' (Entry Level) posts against the direct recruitment quota.
- ii) The family deserves immediate assistance for relief from financial destitution.

- iii) Applicant for compassionate appointment should be eligible and suitable for the post in all respects under the provisions of the relevant Recruitment Rules.
- iv) Compassionate appointments can be made up to a maximum of 5% of vacancies falling under direct recruitment quota in Group 'C' (including technical posts) that have arisen in the year. A person selected for appointment on compassionate grounds should be adjusted in the recruitment roster against the appropriate category viz. SC/ST/ OBC/General depending upon the category to which he/she belongs.

The committee deliberated in detail and recommended that Ms. Barnali Das may be offered contractual appointment on consolidated pay as Junior Attendant for immediate relief from financial destitution because of the loss of her husband.

The Minutes of the Meeting of the Committee is given as **Annexure -12(pg.74-75)**

The Board was requested to consider and approve the recommendation of the aforementioned Committee for appointment of Ms. Barnali Das W/o Late Mr. Binod Das on consolidated pay as Junior Attendant on compassionate ground.

The Board deliberated and resolved as below:

Resolution No: R_110BOG/15/2022

RESOLVED that the recommendation of the committee constituted for examining the request of Ms Barnali Das w/o Late Mr Binod Das for compassionate appointment on consolidated pay as Junior Attendant be **APPROVED**.

Item No.16

To consider the proposal for starting online Master's Degree programme in IIT Guwahati
The committee formed under the Chairpersonship of the DoAA submitted a detailed proposal for starting online Master's Degree programme (as placed at **Annexure-13**(pg.76-78) as per suggestion of 150th Meeting of the Senate.

The Senate deliberated upon various aspects of the proposal and offered some suggestions. The Senate asked the ADoAA (OP) to submit a comprehensive proposal including the implementation aspects and the matters raised during the discussion. Particularly, the matter of getting services of Learning Management System, etc. for the Online Programmes needed to be firmed up.

The Senate further opined that starting Online Programmes at the Institute was a need of the hour and it was as per NEP 2020 guidelines. To facilitate the implementation aspects of the proposal, the Senate approved to offer the Online Master's Degree Programmes vide Resolution No 160/3/2022 at the Institute and recommended to place the matter to the BoG for consideration.

The Board was requested to consider and approve the recommendation of the Senate on offering of the Online Master's Degree Programmes at the Institute.

The Board resolved as below:

Resolution No: R_110BOG/16/2022

RESOLVED that the proposal for offering online Master's Degree programme as per recommendation of the 160th meeting of the Senate held on 10.03.2022 vide Resolution No 160/3/2022 at the Institute be **APPROVED**.

Item No.17

To consider the Seat Matrix for the Postgraduate programmes for the AY 2022-23

The Board was apprised that a total of 1521 regular seats and 50 other non-regular seats for various PG/PhD programmes for the AY 2022-23 have been proposed as per the following table and placed in the 160th Meeting of the Senate held on 10.03.2022. The Senate examined the programme wise Seat Matrix as placed at **Annexure 14 (pg.79-80)** and noted the correction in the number of PhD seats (under Project Mode) available in the Center for Intelligent Cyber Physical Systems as 10.

Department/School/Centre	MA	MS c	MDes	MT ech	MS(R)	Dual Degr ee	PhD
Departments							
Computer Science and Engineering				68		10	30
Electronics and Electrical Engineering				97		10	51
Mechanical Engineering				131			48
Civil Engineering				132			53
Design			33				18
Biosciences and Bioengineering				BT: 44 BE: 10			38
Chemical Engineering				75			36
Physics		60					42
Chemistry		60					40
Mathematics		60					42
Humanities and Social Sciences	DS: 60						35

	LA: 30						
Schools							
Agro and Rural Technology				12			10
Business							10
Energy Sciences and Engineering					18		11
Health Science and Technology				20			10
Mehta Family School of Data Science and Artificial Intelligence							10
Centres							
Disaster Management and Research					10		10
Environment							11
Indian Knowledge Systems							10
Linguistic Science and Technology							10
Nanotechnology							11
Sustainable Polymers							10
Intelligent Cyber Physical Systems				20 +2 0 [^]			20 10*
Interdisciplinary							
Data Science				20			
E-Mobility					10+1 0 [^]		
Food Science and Technology				5			
Total	90	18 0	33	614 +2 0	38+1 0	20	546+20 10

[^]Industry sponsored; *Project Mode

The 160th Meeting of the Senate vide Resolution R160/4/2022 approved the proposed seat matrix for a total of 1521 regular seats and 40 other non-regular seats of various PG/PhD programmes to be advertised for the AY 2022-23.

The Board was requested to approve the recommendation of the Senate vide Resolution R160/4/2022 proposed seat matrix for a total of 1521 regular seats and 40 other non-regular seats of various PG/PhD programmes to be advertised for the AY 2022-23.

The Board discussed and resolved as below:

Resolution No: R_110BOG/17/2022

RESOLVED that the recommendation of the Senate vide Resolution R160/4/2022 on proposed seat matrix for a total of 1521 regular seats and 40 other non-regular seats of various PG/PhD programmes to be advertised for the AY 2022-23 be **APPROVED**.

Item No.18

To consider the proposal of the Center for Intelligent Cyber Physical Systems for converting industry sponsored seats of MTech (Robotics & Artificial Intelligence) to sponsored seats.

The 160th Senate vide resolution R.160/5/2022 approve the recommendation of 117th and 118th meeting of IPPC on the matter of converting Industry sponsored seats of M Tech in Robotics and Artificial Intelligence to sponsored seats to be filled by the employees from R&D and Academic organizations along with the Industry and recommends the same to be placed in the BOG.

The Board noted the opinion of the IPPC that the fees for all the sponsored candidates might be recommended at par with the sponsored candidates of other M Tech programmes of the Institute.

The Board was requested to approve the Senate resolution R160/05/2022 on the proposal of the Center for Intelligent Cyber Physical Systems for converting industry sponsored seats of M Tech (Robotics & Artificial Intelligence) to sponsored seats.

The Board resolved as below:

Resolution No: R_110BOG/18/2022

RESOLVED that the proposal of the Center for Intelligent Cyber Physical Systems for converting industry sponsored seats of M Tech (Robotics & Artificial Intelligence) to sponsored seats be **APPROVED** as per recommendation of the Senate vide resolution R160/05/2022.

Item No.19

To consider the report of the committee constituted for looking into various matters related to PhD Programme.

The Senate vide resolution R.153/16(b)/2021 constituted a committee with the following members vide notice no. IITG/Acad/Senate/2021 dated 14.06.2021 to study the matter of awarding Master's degree to the students admitted in PhD programme with undergraduate degree and the matters related to assistantship to the PhD students and submit its recommendations to the Senate:

Prof. Sukumar Nandi, Dept. of CSE	– Convener
Prof. Pranab Goswami, Dept. of BSBE	– Member
Prof. N. Selvaraju, Dept. of Mathematics	– Member

Accordingly, the committee submitted a report containing its recommendations as placed at **Annexure 15 (Pg. 81-85)** in the 160th meeting of the Senate held on 10.03.2022.

The Senate vide resolution R.160/7/2022 approved the report of the committee constituted for looking into various matters related to PhD Programme and recommended the same to be placed in the BOG.

Apart from Approving the report of the committee as a whole, upon due deliberation, the 160th Senate also opined the following on the matter:

- i. Maintaining a minimum of 72 credits for course work, the Departments/Schools/Centres may propose the number of courses for the proposed Master's Degree. Further, the flexibility of offering the Dual Degree course work for the students admitted in December session is left to Departments/Schools/Centres, while submitting the proposal.
- ii. Admission to self-financed category shall not be for fresh graduates but for those who would like to join PhD after gaining certain experience in a profession. However, accomplishments of such professionals need to be quantified.
- iii. For Fellowships/Assistantships available from any other Government agencies to support PhD students on regular basis, such fellowships will be included in the list of external agencies.

The excerpt of the 160th Minute on the above item is enclosed as **Annexure-16(pg.86-89)**

The Board was requested to approve the resolution R.160/7/2022 of the senate on the report of the committee constituted for looking into various matters related to PhD Programme

Resolution No: R_110BOG/19/2022

RESOLVED that the report of the committee constituted for looking into various matters related to PhD Programme as per recommendation of Senate vide Resolution R.160/7/2022 be **APPROVED** with inclusion of the following opinion of the 160th Senate meeting.

- i. Maintaining a minimum of 72 credits for course work, the Departments/Schools/Centres may propose the number of courses for the proposed Master's Degree. Further, the flexibility of offering the Dual Degree course work for the students admitted in December session is left to Departments/Schools/centres, while submitting the proposal.
- ii. Admission to self-financed category shall not be for fresh graduates but for those who would like to join PhD after gaining certain experience in a profession. However, accomplishments of such professionals need to be quantified.
- iii. For Fellowships/Assistantships available from any other Government agencies to support PhD students on regular basis, such fellowships will be included in the list of external agencies.

Item No.20

To consider the proposal for increasing B.Tech (DS&AI) seats in the Mehta Family School of Data Science and Artificial Intelligence

It was apprised to the Board that the Senate considered and approved the proposal from the Mehta Family School of Data Sciences and Artificial Intelligence for increasing the intake for the B. Tech programme in Data Science and Artificial Intelligence to 30 (thirty) from Academic Year 2022-23. The proposal was as per the MoU with the Mehta Family Foundation under the Clause 11 (Table 2 in the **Annexure -17 (pg.90-92)**).

It was also informed that all the allocated 20 seats for the AY 2021-22 were filled.

The Senate approved the proposal for increasing B. Tech (DS&AI) seats in the Mehta Family School of Data Science and Artificial Intelligence.

The matter was placed before the Board for consideration and approval.

The Board resolved as below

Resolution No: R_110BOG/20/2022

RESOLVED that the proposal of the Mehta Family School of Data Sciences and Artificial

Intelligence for increasing the intake for the B.Tech programme in Data Science and Artificial Intelligence to 30 (thirty) from Academic Year 2022-23 as per the MoU with the Mehta Family Foundation under the Clause 11 be **APPROVED** as per recommendation of the 160th Meeting of the Senate.

Item No.21

To consider the proposal of Dept. of EEE for revising the course curriculum of M Tech in RF and Photonics and renaming it to M Tech in Microelectronics, Photonics and RF Engineering (Recommended by the 118th IPPC)

The Board was apprised that the Senate vide resolution R160/06/2022, RESOLVED to APPROVE the proposal of Dept. of EEE for revising the course curriculum of the M Tech n in RF and Photonics, and renaming it to M Tech in Microelectronics, Photonics and Radio Frequency Engineering be APPROVED and RECOMMENDED to place it to the BOG.

The detailed proposal of revising M Tech in RF and Photonics to M Tech in Microelectronics, Photonics and Radio Frequency Engineering is given as **Annexure-18**(pg. 93-100)

The Board was requested to approve the resolution R160/06/2022 of the 160th meeting of the Senate on the proposal of Dept. of EEE for revising the course curriculum of the M Tech specialization in RF and Photonics, and renaming it to Microelectronics, Photonics and Radio Frequency Engineering.

The Board resolved as below:

Resolution No: R_110BOG/21/2022

RESOLVED that the proposal of Dept. of EEE for revising the course curriculum of the M Tech in RF and Photonics, and renaming it to M Tech in Microelectronics, Photonics and Radio Frequency Engineering be **APPROVED** as per recommendation of the 160th meeting of the Senate vide resolution R160/06/2022.

Item No.22

Unauthorized absence of Dr. Ranu Roychoudhuri, Assistant Professor, Dept. of Humanities and Social Sciences and her subsequent resignation.

Resolution No: R_110BOG/22/2022

NOT FOR PUBLIC DOMAIN

Item No 23

Termination of studentship of Mr Utsav Uday Kadam (Roll No 180107076) as per recommendation of the SDC and an appeal received from Mr Utsav Uday Kadam against the termination to the appellate authority of the Institute i.e BOG

NOT FOR PUBLIC DOMAIN

Resolution No: R_110BOG/23/2022

NOT FOR PUBLIC DOMAIN

Item No 24

To consider the proposal for filing a legal suit on Dr. B K Rai, former Assistant Professor, IIT Guwahati - a) for non-payment of license fee of quarter no. C-66 of this Institute occupied by him and b) not vaccinating himself with Covid 19 vaccine

NOT FOR PUBLIC DOMAIN

Resolution No: R_110BOG/24 (a)/2022

NOT FOR PUBLIC DOMAIN

b) non-vaccination with Covid 19 vaccine

NOT FOR PUBLIC DOMAIN

Resolution No: R_110BOG/24 (b)/2022

NOT FOR PUBLIC DOMAIN

Item No 25

To consider and approve constitution of committee to improve ranking of IIT Guwahati at both National and International levels.

The Board was apprised that Indian Institute of Technology Guwahati (IITG) is the only technical institute from the North-Eastern region of India to be placed among the top 10 engineering institutes of the country in NIRF Rankings. No other technical institute from Manipur, Nagaland, Tripura, Arunachal Pradesh, and Mizoram has found a place in the overall rankings. Following IITB, IITD, IITM, IIT KGP, and IITK, IIT Guwahati has been ranked at 395 by the QS World University Rankings 2022.

Maintaining its consistent seventh position (#7) in NIRF rankings for the last 4 years, IIT Guwahati is again ranked at 7th position in the engineering category by the NIRF 2021 and 8th rank in the overall category.

The institute has been ranked at the same position (#7) by Outlook India too. IIT Guwahati has jumped up by two places in the QS BRICS Ranking (#48) and further showed improvement in THE WEEK Rankings reaching to the sixth position this year.

The Board was also apprised that while nationally IIT Guwahati has been consistent in its rankings its ranking in the world has been dropped by 31 positions in Times Higher Education Asia Ranking as IIT Guwahati did not participate in the Ranking for last two years as decided by all Senior IITs to “boycott’ the ranking collectively.

In order to come up with a plan to improve the Ranking of IIT Guwahati both at national and international levels, a committee is proposed with the following members:

- | | | | |
|----|------------------------|---|----------|
| 1. | Dean, PRBR | - | Chairman |
| 2. | Dean, R&D | - | Member |
| 3. | Dean, II&SI | - | Member |
| 4. | Dean, AER | - | Member |
| 5. | Dean, Academic Affairs | - | Member |
| 6. | Dean Faculty Affairs | - | Member |

The Board was requested to approve the proposal of constituting a committee as mentioned above to formulate plan to improve the Ranking of IIT Guwahati both national and international.

The Board resolved as below:

Resolution No: R_110BOG/25 /2022

RESOLVED that the proposal to constitute the aforementioned committee to come up with a plan to improve the Ranking of IIT Guwahati both national and international be **APPROVED**.

Item No 26

To constitute a committee to suggest a road map for engaging/utilizing PhD students after 5 years completion or after submission of Ph D Thesis as part time teachers along with their ongoing PhD work.

To suggest a road map for engaging/utilizing PhD students after 5 years of completion or after submission of Thesis as part time teachers along with their ongoing PhD work a committee with the following members are proposed.

- | | |
|--|----------|
| 1. Dean, Academic Affairs (DoAA) | Chairman |
| 2. Dean Faculty Affairs | Member |
| 3. Associate Dean of Academic Affairs-PG(ADoAA-PG) | Member |
| 4. Associate Dean of Academic Affairs-UG(ADoAA-UG) | Member |
| 5. Associate Dean of Academic Affairs-OP(ADoAA-OP) | Member |

The Board was apprised that this step would help PhD scholars to prepare them for a teaching career while IIT Guwahati will get a large pool of teachers to expand its activities. The committee shall submit its report to the Director.

The Board was requested to approve the constitution of aforementioned committee to suggest a road map for engaging/utilizing PhD students after 5 years completion or after submission of Thesis as part time teachers along with their ongoing PhD work.

The Board discussed and resolved as below:

Resolution No: R_110BOG/26/2022

RESOLVED that the proposal of constitution of aforementioned committee to suggest a road map for engaging/utilizing PhD students after 5 years completion or after submission of PhD Thesis as part time teachers along with their ongoing PhD work be **APPROVED**.

Item No 27

Items approved by the Director for ratification:

Following items approved by the Director are being reported to the Board.

- A. New appointments and/or extension of period of appointment of some officials in the existing positions
- B. Confirmation of faculty members
- C. Recommendation of the Selection Committee for filling vacancies of various posts under Internal Recruitment process from the waiting list
- D. Modification of instructions regarding Booking of Air Tickets on Government account

- E. Grant of deputation to Mr. Prakash Hazarika, Joint Registrar, Administration Section of the Institute (for a period of 3 years initially w.e.f. 29.04.2022) to join as Financial Advisor at AIIMS, Guwahati

The Board was requested to ratify the approvals of the Director.

The Board **NOTED** the items approved by the Director and resolved as below:

Resolution No: R_110BOG/27/2022

RESOLVED to **RATIFY** the approval accorded by the Director IIT Guwahati as given below:

A. New appointments and/or extension of period of appointment of some officials in the existing positions:

Some new appointments have been made and appointments of some of the existing persons have been extended / adjusted as mentioned below:

Sl. No	Name	Position	Period of appointment/extension
1.	DR. PRABU VAIRAKANNU, DEPT. OF CHEMICAL ENGG.	Chairman, JEE (Advanced) – 2022	Notice issued on 12.10.2021
2.	PROF. SISIR KUMAR NAYAK, DEPT. OF EEE	Vice-Chairman, JEE (Advanced) – 2022	Notice issued on 12.10.2021
3.	PROF. C. V. SASTRI, DEPT. OF CHEMISTRY	Chairman – Technical Board	For a period of one year w.e.f 14.10.2021
4.	DR. MAHIMA ARRAWATIA, DEPT. OF EEE	Vice-Chair for Girls, HAB	For a period of two years w.e.f. 25.10.2021
5.	PROF. HEMANT B. KAUSHIK, HEAD, CENTRE FOR EDUCATIONAL TECHNOLOGY	Associate Dean of Academic Affairs – Online Programmes (ADOAA-OP)	For a period of one year w.e.f. 08.11.2021
6.	PROF. LASIHRAM BOEING SINGH, DEPT. OF CIVIL ENGG.	Head, School of Business	For a period of one year w.e.f. 08.11.2021
7.	DR. CHANDAN KARFA, DEPT. OF CSE	Warden, Hostel Lohit	For a period of two years (<i>Notice issued on 23.12.2021</i>)
8.	DR. PRASENJIT KHANIKAR, DEPT. OF ME	Warden, Hostel Umiam	For a period of two years (<i>Notice issued on 23.12.2021</i>)
9.	DR. MANAS DAS, DEPT. OF ME	Associate Warden, Hostel Barak	For a period of two years (<i>Notice issued on 23.12.2021</i>)
10.	DR. SOUPTICK CHANDA, DEPT. OF BSBE	Associate Warden, Hostel Barak	For a period of two years (<i>Notice issued on 23.12.2021</i>)
11.	PROF. RAKHI CHATURVEDI, DEPT. OF BSBE	Head, Department of Biosciences and Bioengineering	For a period of three years w.e.f. 28.12.2021

12.	DR. PANKAJ KALITA, SCHOOL OF ENERGY SCIENCES AND ENGINEERING	Professor-in-Charge, Green Office	For a period of two years w.e.f. 28.12.2021
13.	PROF. BITHIAH G. JAGANATHAN, DEPT. OF BSBE	Associate Dean of Students' Affairs	For a period of three years w.e.f. 04.01.2022
14.	PROF. DEBASISH DAS, DEPT. OF BSBE	Associate Dean of II&SI (ADoII&SI)	For a period of two years (<i>Notice issued on 09.02.2022</i>)
15.	DR. INDRANI KAR, DEPT. OF EEE	Faculty Co-ordinator-I (Placement & Staff Training)	For a period of two years w.e.f. 09.02.2022
16.	PROF. M. K. BHUYAN, DEPT. OF EEE	Dean, Infrastructure Planning and Management	For a period of three years w.e.f. 24.02.2022
17.	PROF. K. DARUNKUMAR, DEPT. OF CIVIL ENGG.	Associate Dean, Infrastructure Planning and Management	For a period of three years w.e.f. 24.02.2022
18.	PROF. V. V. GOUD, DEPT. OF CHEMICAL ENGG.	Chairperson, IITG-Technical Incubation Centre (IITG-TIC)	For a period of two years (<i>Notice issued on 28.02.2022</i>)
19.	DR.R.ANANDALAKSHMI, DEPT. OF CHEMICAL ENGINEERING	Warden, Disang Hostel (Girls' Wing)	w.e.f. 09.03.2022 till 31.03.2024
20.	DR.RESMI SURESH, DEPT. OF CHEMICAL ENGINEERING	Associate Warden Disang Hostel (Girls' Wing)	w.e.f. 09.03.2022 till 31.03.2024
21.	DR.DEBAPRIYA BASU, DEPT. OF HSS	Associate Warden Disang Hostel (Girls' Wing)	w.e.f. 09.03.2022 till 31.03.2024
22.	DR.KUSUM K.SINGH, DEPT. OF BSBE	Associate Warden, Dhansiri Hostel	w.e.f. 09.03.2022 till 31.03.2024
23.	DR.SHARMISTHA BANERJEE, DEPT OF DESIGN	Associate Warden, Subansiri Hostel	w.e.f. 09.03.2022 till 31.03.2024
24.	DR. AMIT KUMAR, DEPT. OF CHEMICAL ENGINEERING.	Head, Centre for Sustainable Polymers (CSP)	for a period of 1 year w.e.f. 16.03.2022
25.	DR. SOUGATA KARMAKAR, DEPT. OF DESIGN	Head, Dept. of Design	for a period of 3 years w.e.f. 16.03.2022

B. Confirmation of Faculty Members occupying regular posts as under:

Sl. No	Name	Post	Date of Confirmation
1.	Dr. Chayan Bhawal	Assistant Professor Grade I, EEE	25.02.2022

C. Recommendation of the Selection Committee for filling vacancies in various Group B posts under Internal Recruitment process (from the waiting list which was valid for 1 year)

Sl. No.	Name of the Candidates	Promoted to	Circular No.	Pay
01.	Ms. Dipika Barbara Timung	Junior Technical Officer	R&P/174/MODALITY/IR/2020/611 dated 26.03.2021	As per rule
02.	Mr. Nip Borah	Senior Technical Superintendent		As per rule
03.	Mr. Kaustavmoni Deka	Senior Technical Superintendent		As per rule
04.	Mr. Naba Kr. Thakuria	Technical Officer Gr. II	R&P/174/MODALITY/IR/2020/1571 dated 02.11.2021	As per rule

D. Modification of instructions regarding Booking of Air Tickets on Government account.

In pursuance of the Ministry of Education's letter vide F.No 29-8/2022-IFD dated 10.01.2022, the imposition of official travel by Air India is dispensed with in view of disinvestment of Air India by Government of India. As such, employees are entitled to travel by any airline for LTC or any other official purpose with the following conditions:

1. In cases of air travel where the Institute bears the cost of air passage, air tickets shall be purchased from any one of the three Authorized Travel Agents, viz:
 - a. M/s BalmerLawrie& Company Limited (BLCL)
 - b. M/s Ashok Travels & Tours (ATT)
 - c. Indian Railways Catering and Tourism Corporation Limited (IRCTC)
2. These authorised travel agents are expected to provide to the employees the '**best available fare**' on the date of booking on the basis of tour programme as per their entitlement. A certificate in this regard is to be obtained from the Travel Agent in the enclosed format.
3. All Mileage Points earned by employees on tickets purchased for official travel shall be accrued to the Institute. Any usage of these Mileage Points for purpose of private travel by any employee is prohibited.
4. No agency charges will be reimbursed to the employees if any such charges are imposed by the booking agencies for booking tickets of the employees which are finally funded by the Institute.
5. In unavoidable circumstances where the booking of ticket is done from unauthorized travel agent/ website, the Competent Authority (currently this power is delegated to the Deputy Director of the Institute) may approve the same, if deemed fit.

6. As per the extant Institute norms, the employees are to book their air tickets by themselves, as per items above. They may draw advance of the fare for booking the tickets, as per extant rules (if required).
7. These revised rules will come into force with immediate effect.

As per clarification received from the Ministry of Finance, Government of India vide Office Memorandum no. 19.24/03/2021-E.IV dated 16.02.2022, the following instructions are to be followed regarding official air travel:

- i. All official air travel where the Institute bears the cost of air passage, air tickets for both domestic (including LTC) and international travel can be made by private airlines.
- ii. The air tickets shall be purchased only from any one of the three Authorized Travel Agents, viz:
 - a. M/s Balmer Lawrie & Company Limited (BLCL)
 - b. M/s Ashok Travels & Tours (ATT)
 - c. Indian Railways Catering and Tourism Corporation Limited (IRCTC)

E. Grant of deputation to Mr. Prakash Hazarika, Joint Registrar, Administration Section of the Institute (for a period of 3 years initially w.e.f. 29.04.2022) to join as Financial Advisor at AIIMS, Guwahati in pay level-13.

Item No.28

Items for Reporting to the Board:

The following items are reported to the Board.

- A.** Election of a new Senate nominee Prof. Tamal Banerjee to the Board of Governors, IIT Guwahati
- B.** Minutes of the 2nd Meeting of the committee constituted for preparation of Road Map for the Innovative Faculty Recruitment with Reservation
- C.** Renaming of the Internal Complaints Committee (ICC) as Internal Committee (IC) and its re-constitution
- D.** Superannuation of faculty members
- E.** Superannuation of non- faculty members
- F.** Empanelment of law Firm/group of advocates for legal support to IIT Guwahati

The Board discussed and resolved as given below:

Resolution No: R_110BOG/28/2022

The Board **NOTED/RATIFIED** the matter at A to F as given below. For matter at Point F, the Board **NOTED** the detailed advertisement prepared for empanelment of lawyers as placed as **Annexure-26** (pg.101-111) and **OPINED** that Institute should empanel only reputed law firm for legal support. So, the Board **ADVISED** to revise the advertisement by eliminating the word “**group of advocates**”.

A. Election of a new Senate nominee Prof. Tamal Banerjee to the Board of Governors, IIT Guwahati

In pursuance to the notification vide Ref No AD/16/99(Vol.V)/77 dated 18.01.2022 and AD/16/99 (Vol. V)/130 dated 27.01.2022, Prof. Tamal Banerjee, Department of Chemical Engineering was declared elected as member to the Board of Governors of IIT Guwahati, as nominee of the Senate for a term of two years ending on 31st December, 2023.

B. Minutes of the 2nd Meeting of the committee constituted for preparation of Road Map for the Innovative Faculty Recruitment with Reservation

The BoG of the Institute in its 106th Meeting held on 22.04.2021 approved for constitution of a committee to formulate a strategy to attract young faculties/talent to the Institute and to prepare a roadmap for innovative future recruitment with implementation of Reservation Policy. The 1st meeting of the committee was held online on 26.06.2021. The committee after detailed deliberation, suggested certain road maps, which are being followed and implemented in the Institute and the minutes of the committee was placed in the 108th meeting of the BoG held on 25.10.2021.

The committee again met through online for 2nd time on 25.12.2021. Minutes of the meeting is enclosed as Annexure -27 (pg.112). Brief summary of the ideas shared/deliberated/ recommended in the meeting are as follows:

1. Establishment of School of Business and the follow up action taken as per the suggestion of the 1st meeting held on 26.06.2021.
2. Consider involvement of foreign faculties for 1 or 2 semesters and association of 70 foreign faculties in regular academic activities.
3. Discussed about the impact of pandemic and suggested to bring a mechanism to motivate present less productive faculties to pursue research and take up more project activities. The Committee decided that a suitable review and support mechanism can be worked to address these issues.
4. Status report of the filling up of backlog vacancy positions and the implementation of roster with regular recruitment and, suggested to arrive at alternates in case these reserve posts continue to remain vacant for extended time.
5. Highlighted the importance of interdisciplinary research and suggested to explore for having of a minimum number of permanent faculty in Centre of Indian Knowledge Systems and agreed to explore the possibilities.

C. Renaming of the Internal Complaints Committee (ICC) as Internal Committee (IC) and its re-constitution: The Internal Complaints Committee (ICC) is renamed as Internal Committee (IC) in line with the amendment of Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013 dated 16.05.2016.

The Committee is reconstituted with the following members with immediate effect, replacing the earlier ICC.

Sl. No	Name	Position	Term
1.	Prof. Shakuntala Mahanta, Dept. of HSS	Presiding Officer /Chair person (Senior Lady Officer)	For a term of 2 years with immediate effect
2.	Prof. Hemanta B Kaushik, Dept. of CE	Member	For a term of 1 year with immediate effect
3.	Prof. Debarshi Das, Dept. of HSS	Member	For a term of 3 years with immediate effect
4.	Dr. (Ms) Sonali Chouhan, Dept.of EEE	Member	For a term of 3 years with immediate effect
5.	Ms.Monalisa Kakati, AR, Faculty Affairs	Member	For a term of 1 year with immediate effect
6.	Dr. Pallabi Sharma, Sr. Medical Officer, Medical Section	Member	For a term of 1 year with immediate effect
7.	Ms. Kanka Sarma, AO, F&A section	Member	For a term of 3 years with immediate effect
8.	Mr. Sanjay Mandal, AR (PRBR)	Member	For a term of 3 years with immediate effect
9.	Ms. Anurita Pathak Hazarika, State Division NE Networks	External Member	For a term of 3 years with immediate effect

The Presiding Officer / Chairperson is permitted to invite any student/faculty/staff members as deem fit for any investigation.

D. Superannuation of faculty members

Following two faculty members of the Department of Design were retired from the service on superannuation as detailed below:

Sl. No	Name	Date of Joining	Date of Superannuation
1.	Dr . Ravi Mokashi Punekar, Professor	27.04.2001	31.12.2021
2.	Dr. Debkumar Chakrabarti. Professor	21.12.1998	31.01.2022

E. Superannuation of non-faculty members

Following two non-faculty members were retired from the service on superannuation as detailed below:

Sl. No.	Name	Designation	Dept./Section	Date of Joining	Date of Superannuation
1.	Mr. Mrinal Kanti Chakraborty	Technical Officer Grade II	Design	20.12.2001	28.02.2022 (A.N)
2.	Mr. Raghunath Kakati	Senior Attendant	IPM section	08.01.2004	28.02.2022 (A.N)

F. Empanelment of law Firm for legal support to IIT Guwahati as per decision of the 98th meeting vide resolution R_98BOG/18/2019 of the Board held on 19.08.2019 who has expertise in different fields to serve the requirement of the Institute in a better way.

The advertisement prepared for the same cover the following salient Points:

1. Eligibility of Empanelment
2. Tenure of Empanelment
3. Payment of Fee & other conditions
4. Procedure for empanelment
5. Duties/General instruction to the empanelled Law firm
6. Documents required to be submitted by the Law firm
7. Instructions of how to apply.

SECTION- D: Minutes of meetings of Statutory bodies for reporting to the Board

Item No .29

Minutes of the 159th and 160th meeting of the Senate of the Institute held on 11.02.2022 and 10.03.2022

Minutes of the 159th and 160th meeting of the Senate of the Institute held on 11.02.2022 and 10.03.2022 respectively was placed before the Board to NOTE the recommendation of the Senate

The Minute was placed before the Board in terms of the Section 4(10) of the Statute. The Agenda Items of the 159th Senate Meeting and their resolutions are as follows:

159th Meeting of Senate of the Institute		
Item No.	Item	Resolution
1.	Confirmation of the Minutes of the 158th Meeting of the Senate held on 20th December, 2021	The Senate RESOLVED that the Minutes of the 158th Meeting of the Senate held on 20th December, 2021 be APPROVED.
2.	Action Taken Report on the decisions of the 158th Meeting of the Senate held on 20th December, 2021	R.159/2/2022: The Senate RESOLVED that the Action Taken Report on the decisions of the 158th Meeting of the Senate held on 20th December, 2021 be APPROVED.
3.	To consider the selection of a new Senate nominee Prof.Tamal Banerjee for the Board of Governors as the term of Prof.DigantaGoswami has expired on 31.12.2021	R.159/3/2022: The Senate RESOLVED that the selection of a new Senate nominee for the Board of Governors be APPROVED.
4.	To consider the list of graduating students who have completed their PhD Degree programme after the 23rd Convocation from 12th October 2021 till 31st January 2022 for the award of degrees.	R.159/4/2022: The Senate RESOLVED that the list of graduating students who had completed their Ph.D Degree programmes after the 23rd Convocation from 12th October 2021 till 31st January 2022 for the award of degrees be APPROVED and RECOMMENDED to the Board of Governors to confer degrees.
5.	To consider the proposal from the School of Health Science and Technology for starting M Tech programme in Biomedical Science and Engineering (Recommended by the 117 th IPPC)	R.159/5/2022: The Senate RESOLVED that the proposal from the School of Health Sciences and Technology for starting MTech programme in Biomedical Science and Engineering with Specialization in Medical Devices and Diagnostics with 20 seats be APPROVED and RECOMMENDED to be placed in the BOG.
6.	To consider the proposal from the School of Business on Minimum Educational Qualifications for admission into PhD programme and the course work for the PhD Programme at School of Business (Recommended by the 117 th IPPC).	R.159/6/2022: The Senate RESOLVED that the proposal from the School of Business on Minimum Educational Qualifications for admission into PhD programme and the course work for the PhD Programme at School of Business be APPROVED.
7.	To consider the recommendations on the minimum eligibility criteria for the academic programmes of the Institute.	R.159/7/2022: The Senate RESOLVED that the revision of minimum eligibility criteria for

		general candidates to 60% for MA(DS), PhD programmes mentioned above be APPROVED.
8.	To consider the recommendations of the Dept. of Humanities and Social Sciences on considering the GATE paper in HSS for shortlisting/selection of candidates for MA programmes.	R.159/8/2022: The Senate RESOLVED that the recommendations of the Dept. of Humanities and Social Sciences regarding shortlisting/selection of candidates for MA programmes be APPROVED.
9.	To consider the recommendations of Prof. S. V. Rao committee on guidelines for selection of candidates for admission to PG/PhD Programmes and on minimum number of publications for submission of synopsis by the Research Scholars.	R.159/9/2022: The Senate RESOLVED that the recommendations of Prof. S. V. Rao committee on guidelines for selection of candidates for admission to PG/PhD Programmes and on minimum number of publications for submission of synopsis by the research scholars be APPROVED.
10.	To consider the proposal of Course structure of B.Tech programme in Energy Engineering from the School of Energy Science and Engineering (Recommended by the 122 nd IUPC).	R.159/10/2022: The Senate RESOLVED that the proposed course structure of B.Tech programme in Energy Engineering from the School of Energy Science and Engineering be APPROVED.
11.	To consider the Syllabi of 3rd Semester Courses of the B.Tech Programme in Data Science and Artificial Intelligence from the Mehta Family School of Data Science and Artificial Intelligence (Recommended by the 122 nd IUPC).	R.159/11/2022: The Senate RESOLVED that the Syllabi of 3rd Semester Courses of the B.Tech Programme in Data Science and Artificial Intelligence from the Mehta Family School of Data Science and Artificial Intelligence be APPROVED.
12.	To consider the recommendations of SDC in the matter of Mr.UtsavUdayKadam (Roll No 180107076).	R.159/12/2022: The Senate RESOLVED that the recommendations of the SDC to terminate the studentship of Mr.UtsavUdayKadam (Roll No 180107076) with immediate effect be APPROVED.
13.	To consider proposal from Department of Civil Engineering to modify/update the minor course structure (Recommended by the 121 st IUPC)	R.159/13/2022: The Senate RESOLVED that the proposal from Department of Civil Engineering to modify/update the minor course structure be APPROVED.

14.	To consider the proposal from the Secretariat of the Hon'ble Governor of Assam for instituting annual awards for meritorious students one each for UG and PG programmes.	R.159/14/2022: The Senate RESOLVED that the proposal from the Secretariat of the Hon'ble Governor of Assam for instituting two annual awards, viz., Governor of Assam Gold Medals for Excellence to Meritorious Students, one each for UG and PG programmes, as detailed above, be APPROVED and RECOMMENDED to be placed in the BOG.
15.	Matters sought to be placed for information before the 159 th Meeting of the Senate	
	a. Semester extension in favour of PhD students (Form-PhD-29)	R.159/15(a)/2022: The Senate RESOLVED that the report about granting of semester extension in favour of one hundred and nine (109) Ph.D students for completing Ph.D thesis be NOTED.
	b. To report about granting permission for Academic leave for longer duration	R.159/15(b)/2022: The Senate RESOLVED that granting permission for longer duration Academic Leave to one (01) student be NOTED.
	c. Completion of PhD by Research Scholars	R.159/15(c)/2022: The Senate RESOLVED that the list of Research Scholars who have completed their PhD programmes after 21.11.2021 till 31.01.2022 be NOTED.
	d. To report the matter of CE 316 Environmental Engineering II course offered in Monsoon Semester (July-Nov), 2021 (Recommended by the 122 nd IUPC).	R.159/15(d)/2022: The Senate RESOLVED that conducting special supplementary examination for CE316 Environmental Engineering II be NOTED.
	e. Reporting items from 120 th IUPC meeting	R.159/15(e)/2022: The Senate RESOLVED that the reporting items from the 120th IUPC meeting held on 9th December, 2021 along with resolution be NOTED.
	f. Reporting items from 121 st IUPC meeting	R.159/15(f)/2022: The Senate RESOLVED that the reporting items from the 121st IUPC meeting held online on 28th December,

		2021 along with resolution be NOTED.
	g. Reporting items from 115 th IPPC meeting	R.159/15(g)/2022: The Senate RESOLVED that the reporting items from the 115th IPPC meeting along with resolution be NOTED.
	h. Reporting items from 116 th IPPC meeting	R.159/15(h)/2022: The Senate RESOLVED that the reporting items from the 116th IPPC meeting along with resolution be NOTED.
	i. Reinstatement of PG and UG students	R.159/15(i)/2022: The Senate RESOLVED that the approved reinstatement appeals of PG and UG students be NOTED.
	j. To report about committee formation to review the MoU format and its implementation	R.159/15(j)/2022: The Senate RESOLVED that the committee formation to review the MoU format and its implementation be NOTED.
16.	Any other item with the permission of the Chair	
	i. To report about the rescheduling of Alcheringa 2022.	R.159/16(i)/2022: The Senate RESOLVED that the changes in the academic calendar due to rescheduling of Alcheringa 2022 be NOTED.
	ii. To consider the matter of skill Development Training at IIT Guwahati as per the request from the Ministry of Education.	R.159/16(ii)/2022: The Senate RESOLVED that the constitution of the committee as stated above for summarizing the ongoing activities related to skill development training at IITG and to submit its recommendation on the future course of action be APPROVED.
	iii. To consider the matter of opening the campus for all students and conducting offline classes	R.159/16(iii)/2022: The Senate RESOLVED that the matter of opening the campus for all students and conducting offline classes as stated above be APPROVED.
	iv. To consider the status of the proceedings of the Special Senate Committee constituted for investigating the disciplinary matter of Mr Vikrant Singh and Mr Himanchal Singh	R.159/16(iv)/2022: The Senate RESOLVED that the status of the proceedings of the Special Senate Committee as stated above be APPROVED.

The Agenda Items of the 160th Senate Meeting and their resolutions are as follows :

Item No.	Agenda	Resolution
<u>Item 1 :</u>	Confirmation of the Minutes of the 159th Meeting of the Senate held on 11th February, 2022.	<u>R.160/1/2022:</u> The Senate RESOLVED that the Minutes of the 159th Meeting of the Senate held on 11th February, 2022 be APPROVED.
<u>Item 2:</u>	Action Taken Report on the decisions of the 159th Meeting of the Senate held on 11th February, 2022.	<u>R.160/2/2022:</u> The Senate RESOLVED that the Action Taken Report on the decisions of the 159th Meeting of the Senate held on 11th February, 2022 be APPROVED.
<u>Item 3:</u>	To consider the proposal for starting online Master's Degree programme.	<u>R.160/3/2022:</u> The Senate RESOLVED that offering the Online Master's Degree Programmes at the Institute be APPROVED and RECOMMENDED to place the matter to the BoG.
<u>Item 4:</u>	To consider the Seat Matrix for the Postgraduate programmes for the AY 2022-23.	<u>R.160/4/2022:</u> The Senate RESOLVED that the Seat Matrix for the Postgraduate programmes for the AY 2022-23 be APPROVED.
<u>Item 5:</u>	To consider the proposal of the Center for Intelligent Cyber Physical Systems for converting industry sponsored seats of MTech (Robotics & Artificial Intelligence) to sponsored seats (Recommended by the 118th IPPC).	<u>R.160/5/2022:</u> The Senate RESOLVED that the proposal of the Center for Intelligent Cyber Physical Systems for converting industry sponsored seats of M Tech (Robotics & Artificial Intelligence) to sponsored seats be APPROVED and RECOMMENDED to place it to the BOG.
<u>Item 6:</u>	To consider the proposal of Dept. of EEE for revising the course curriculum of the MTech specialization in RF and Photonics and renaming it to Microelectronics, Photonics and RF Engineering (Recommended by the 118th IPPC).	<u>R.160/6/2022:</u> The Senate RESOLVED that the proposal of Dept. of EEE for revising the course curriculum of the MTech specialization in RF and Photonics, and renaming it to Microelectronics, Photonics and Radio Frequency Engineering be APPROVED and RECOMMENDED to place it to the BoG.
<u>Item 7:</u>	To consider the report of the committee constituted for looking into various matters related to PhD Programme.	<u>R.160/7/2022:</u> The Senate RESOLVED that the report of the committee constituted for looking into various matters related to PhD Programme be APPROVED and RECOMMENDED to be placed to the BOG.

<u>Item 8:</u>	To consider the proposal of Dept. of BSBE regarding course work requirement for PhD students with MSc background.	R.160/8/2022: The Senate RESOLVED that the proposal of Dept. of BSBE for allowing PhD students joining the department with MSc background to take minimum four courses with at least 24 credits for their course work requirement be APPROVED.
<u>Item 9:</u>	To consider the proposed curriculum and syllabi for the B.Tech Minor in Data Science and Artificial Intelligence offered by the Mehta Family School of Data Science and Artificial Intelligence (Recommended by the 123rd IUPC).	R.160/9/2022: The Senate RESOLVED that the curriculum and syllabi for the B.Tech Minor in Data Science and Artificial Intelligence offered by the Mehta Family School of Data Science and Artificial Intelligence be APPROVED.
<u>Item 10:</u>	To consider the proposal for increasing B.Tech (DS&AI) seats in the Mehta Family School of Data Science and Artificial Intelligence.	R.160/10/2022: The Senate RESOLVED that the proposal for increasing B.Tech (DS&AI) seats in the Mehta Family School of Data Science and Artificial Intelligence be APPROVED.
<u>11. (a).</u>	Semester extension in favour of PhD students (Form-PhD-29)	R.160/11(a) /2022: The Senate RESOLVED that the report about granting of semester extension in favour of one Ph.D student for completing Ph.D thesis be NOTED.
<u>11. (b).</u>	To report about granting permission for Academic leave for longer duration	R.160/11(b) /2022: The Senate RESOLVED that the report about granting of Academic leave for longer duration to three Ph. D students be NOTED.
<u>Item 11(c):</u>	To report about granting permission for Semester leave/drop or Non-Academic Leave	R.160/11(c)/2022: The Senate RESOLVED that granting permission for Semester leave/drop or Non-Academic Leave to three Ph. D students be NOTED.
<u>Item 11(d):</u>	Reporting items from 123 rd IUPC meeting	R.160/11(d)/2022: The Senate RESOLVED that the reporting items from the 123 rd IUPC meeting held online on 16 th February, 2022 along with resolution be NOTED.
<u>Item 11(e):</u>	Reporting items from 118 th IPPC meeting	R.160/11(e)/2022: The Senate RESOLVED that the reporting items from the 118 th IPPC meeting held online on 16 th February, 2022 along with resolutions be NOTED.
<u>Item 11(f):</u>	To report about Reinstatement of PG students.	R.160/11(e) /2022: The Senate RESOLVED that the approved reinstatement appeals of two PG students be NOTED.

<u>Item 11(g):</u>	Completion of PhD by Research Scholars	<u>R.160/11(g) /2022:</u> The Senate RESOLVED that the list of Research Scholars who have completed their PhD programmes after 01.02.2022 till 02.03.2022 be NOTED.
<u>Item 12:</u>	Status report on the resolution R.158/13/2021 of the Senate on the matter of Mr. Himanchal Singh.	<u>R.160/12/2022:</u> The Senate RESOLVED that the status report on the matter of Mr.Himanchal Singh be NOTED.

Resolution No: R_110BOG/29/2022

RESOLVED that the Minutes of the 159th and 160th Meeting of the Senate held on 11.02.2022 and 10.03.2022 through online & offline mode and placed before the Board in terms of the Section 4(10) of the Statute be **NOTED**.

Any other matter with approval of the Chair:

Item No 30

To consider the Report of the High-Power Committee constituted to summarize the procedures followed by Inquiry Committee constituted to inquire into altercation between Dr. B.K Rai and Dr. Gaurav Trivedi

NOT FOR PUBLIC DOMAIN

Resolution No: R_110BOG/30/2022

NOT FOR PUBLIC DOMAIN

Item No: 31

To consider and approve the newly designed logo of E&ICT Academy-IIT Guwahati

The Board was apprised that the Electronics & ICT (E&ICT) Academy at IIT Guwahati, a skill development project under the Ministry of Electronics and Information Technology (MeitY), is conducting programmes under the mentorship of IITs and NITs, the responsibility of NE states was given to E&ICT Academy at IIT Guwahati.

The Board was also informed that to give a recognition that the Academy is running under the mentorship of IIT Guwahati and approves logo as given as **Annexure- 29** (pg.113) was designed.

A sample certificate with logo of both E&ICT Academy and IIT Guwahati was also made. (attached as **Annexure-30** (pg.114))

The Board was requested to consider and approve the logo of E&ICT Academy, IIT Guwahati as mentioned above.

Resolution No: R_110BOG/31/2022

RESOLVED that the proposed logo of E&ICT Academy, IIT Guwahati as mentioned above be **APPROVED**.

Item No: 32

To consider and approve the recommendation of the selection committee for faculty members in School of Agro and Rural Technology

The Selection Committee meeting for the School of Agro and Rural Technology was held on 09.03.2022. The Recommendation of the selection Committee for the position of Associate Professor has been tabled on the day of the meeting.

The recommendation of the Selection Committee is as under:

SI No	Name	Recommended for	Initial Pay (in Rs)
	Dr. Meena Khwairakpam	Associate Professor	As per rule

The Board was requested to approve the recommendation of the selection Committee for the post.

The Board resolved as below:

Resolution No: R_110BOG/32/2022

RESOLVED that the recommendation of the selection committee for the position of Associate Professor in the School of Agro and Rural Technology as per the aforementioned table be **APPROVED**.

Item No: 33

Travel to universities abroad by a team of professors and Director for Hiring quality faculty and postdocs as a special drive

The Board was apprised that in order to strive towards the next level of inventions and innovations, IIT Guwahati needs to hire young, dynamic and motivated faculty colleagues with top-notch academic records and training. This agenda was placed on table by Chairman, BOG, Dr. Rajiv I Modi.

He emphasised that to undertake this activity has become more important with the establishment of the new Schools and Centres, which require leading scientists and Engineers across the globe to be brought in to perform cutting-edge research.

The cadres can be from the bright postdocs in the leading universities or the tenure tracks in the top colleges across the globe who are willing to come at IIT Guwahati and willing to develop their academic, teaching and research career. For this purpose, a special drive is necessary from the Institute to scout such candidates, make immediate

offers, and if possible, to remunerate them with competitive research grants/pay-packages/facilities, as an early career offer.

Adding a minimum of 50 - 60 such talented pool of new faculty members to the existing eco-system will not only infuse new energy in to the institute but will also improve the research output in an exemplary way. Such faculties will also help in building the new areas of research facilities, which is among one of the major necessities of the institute at this stage to make the cut at the top 100 globally.

The Board deliberated on the matter and **ADVISED** the Institute to constitute a committee to formulate a strategy to attract such bright postdocs in the leading universities or the tenure tracks in the top colleges across the globe who are willing to come at IIT Guwahati and willing to develop their academic, teaching and research career.

The Board also entrusted the task of constitution the committee with renowned and experienced Faculty members or experienced recruiters to the Director of the Institute.

The Board also **OPINED** that the detailed plan for the same may be submitted in the subsequent meeting of BOG.

After deliberation the Board resolved as below:

Resolution No: R_110BOG/33/2022

RESOLVED that the proposal to create a talented pool of new faculty members from the leading universities or the tenure tracks in the top colleges across the globe who are willing to come at IIT Guwahati and willing to develop their academic, teaching and research career be **APPROVED**.

The Board further, **ADVISED** and **AUTHORIZED** the Director of the Institute to constitute a committee of renowned and experienced Faculty members or experienced recruiters to formulate a strategy to attract such candidates for the same.

The Board also **SUGGESTED** that the detailed plan for the same may be submitted in the subsequent meeting of BOG.

The meeting ended with a vote of thanks to the Chair.

Prof. A. Srinivasan
Registrar & Secretary
Board of Governors
IIT Guwahati

Annexure-1

F. No. 6-8/2018-TS-I
Government of India
Ministry of Education
Department of Higher Education
Technical Section-I

ShastriBhawan, New Delhi
Dated the 28th March, 2022

To,
The Registrar,
IIT Guwahati

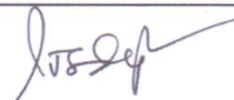
Subject:- Comments on Agenda of 110th BOG meeting of IIT Guwahati to be held on 31.3.2022

Sir,

I am directed to refer to the Agenda Papers of 110th BoG meeting of IIT Guwahati and to convey the following comments of AS(TE), being a BoG member of IIT Guwahati:

Item	Comments
1.	Presentation by Head, Biosciences and Bioengineering, and Head, Nanotechnology Presentation will be made during BoG meeting. No comments as of now.
2.	The Report on NEP implementation roadmap in IIT Guwahati Presentation will be made during BoG meeting. No comments as of now.
3A.	To consider the confirmation of the minutes of the 109th meeting of the Board of Governors of the Institute held on 28.12.2021 May be considered as per extant rules and guidelines.
3B.	To consider the confirmation of the items approved by BOG through circulation May be considered as per extant rules and guidelines.
4A.	To consider the Action Taken Report (ATR) of the decisions of the 109th Meeting of the Board of Governors of the Institute held on 28.12.2021 May be considered as per extant rules and guidelines.
4B.	To consider the Action Taken Report (ATR) of the decisions of items approved by circulation among the BOG members May be considered as per extant rules and guidelines.
5.	Status report on filling of backlog vacancies in faculty positions May be considered as per extant rules and guidelines.
6	To consider the proposal from the Secretariat of the Hon'ble Governor of Assam for instituting annual awards for meritorious students, one each for UG and PG programmes May be considered as per extant rules and guidelines.

7	To consider the proposal of empanelment of new hospitals in Guwahati. May be considered as per extant rules and guidelines and in line with CGHS/ CS(MA) policy of GoI.
8	To consider the proposal from the School of Health Science and Technology for starting M Tech programme in Biomedical Science and Engineering May be considered as per extant rules and guidelines.
9	To consider the proposal on increase of Hostel mess caution money May be routed through the Finance Committee.
10	To consider and approve the recommendation of the Committee constituted for developing a mechanism for collecting alumni fee. May be routed through the Finance Committee.
11	To consider the proposal of transfer of all recruitment matters of all honorary positions to AER Section and Change of composition of IFAC for recruitment of honorary positions May be considered as per extant rules and guidelines.
12	To consider and approve the recommendations of the Selection Committee for appointment of Faculty positions in the Department of Design The recommendation of the Selection Committee will be tabled. No comments as of now.
13	To consider and approve the recommendation of the Departmental Promotion Committee Meeting for the post of Assistant Registrar held on 18.02.2022 The recommendation of the Committee will be tabled. No comments as of now.
14	To consider and approve the proposed selection committee for Senior Technical Officer post May be considered as per Statutes of the institute.
15	To consider the recommendation for compassionate appointment of MsBarnali Das w/o late Mr. Binod Das May be considered as per extant rules and guidelines.
16	To consider the proposal for starting online Master's Degree programme May be considered as per extant rules and guidelines.
17	To consider the Seat Matrix for the Postgraduate programmes for the AY 2022-23 May be considered as per extant rules and guidelines.
18	To consider the proposal of the Center for Intelligent Cyber Physical Systems for converting industry sponsored seats of MTech (Robotics & Artificial Intelligence) to sponsored seats. May be considered as per extant rules and guidelines.
19	To consider the report of the committee constituted for looking into various matters related to PhD Programme. May be considered as per extant rules and guidelines.

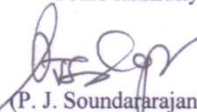


20	To consider the proposal for increasing B.Tech (DS&AI) seats in the Mehta Family School of Data Science and Artificial Intelligence May be considered as per extant rules and guidelines.
21	To consider the proposal of Dept. of EEE for revising the course curriculum of the MTech specialization in RF and Photonics and renaming it to Microelectronics, Photonics and RF Engineering (Recommended by the 118th IPPC) May be considered as per extant rules and guidelines.
22	Unauthorized absence of Dr. Ranu Roy choudhuri, Assistant Professor, Dept. of Humanities and Social Sciences and subsequent resignation submitted by her. BoG may take a view as per extant rules and guidelines.
23	Termination of studentship of MrUtsavUdayKadam (Roll No 180107076) as per recommendation of the SDC and an appeal received from MrUtsavUdayKadam against the termination to the appellate authority of the Institute i.e BOG BoG may take a view as per extant rules and guidelines.
24	To consider the proposal for filing a suit on Dr. B K Rai, former Assistant Professor, IIT Guwahati for - a) Non-payment of license fee with regard to occupation of quarter no. C-66 of this Institute and b) non-vaccination with Covid 19 vaccine Institute may deal as per extant provisions being administrative matter.
25	To consider and approve constitution of committee to improve ranking of IIT Guwahati both National and International May be considered as per extant rules and guidelines.
26	To constitute a committee to suggest a road map for engaging/utilizing PhD students (3 years complete) as part time teachers along with their PhD May be considered as per extant rules and guidelines.
27	Items approved by the Director for ratification A. New appointments and/or extension of period of appointment of some officials in the existing positions. B. Confirmation of Faculty Members C. Recommendation of the Selection Committee for filling vacancies of various posts under Internal Recruitment process from the waiting list D. Modification of instructions regarding Booking of Air Tickets on Government account. E. Grant of deputation to Mr. Prakash Hazarika, Joint Registrar, Administration Section of the Institute (for a period of 3 years initially w.e.f. 29.04.2022) to join as Financial Advisor at AIIMS, Guwahati May be considered as per extant rules and guidelines.
28	Items for Reporting to the Board A. Election of a new Senate nominee Prof. Tamal Banerjee to the Board of Governors , IIT Guwahati B. Minutes of the 2nd Meeting of the committee constituted for preparation of Road Map for the Innovative Faculty Recruitment with Reservation



	C. Renaming and Re-constitution of the Internal Complaints Committee: (ICC) as Internal Committee (IC) D. Superannuation of Faculty Members E. Superannuation of Non Faculty Members May be considered as per extant rules and guidelines.
29	Minutes of the 159th and 160th meeting of the Senate of the Institute held on 11.02.2022 and 10.03.2022 May be considered as per extant rules and guidelines.
30	Any other matter with the permission of the Chair

Yours faithfully,



(P. J. Soundararajan)

Under Secretary to the Government of India
Ph No. 011-23381698

Annexure-4

The List of graduating students who have completed their PhD programmes after 23rd Convocation, from 12th October 2021 till 31st January 2022 for the award of degrees

Sl. No.	Name	Roll No	Department/Centre/ School	Viva Date
1.	Sunil Kumar Singh*	136103011	Mechanical Engineering	16 th June 2021
2.	Jahnu Saikia**	146106032	Biosciences and Bioengineering	5 th October 2021
3.	Abhijit Das	156101018	Computer Science and Engineering	12 th October 2021
4.	Suvin P. V.	166104028	Civil Engineering	20 th October 2021
5.	Vinay Kumar Belwal	146106026	Biosciences and Bioengineering	20 th October 2021
6.	Sunu Kalita	176141005	Humanities and Social Sciences	22 nd October 2021
7.	Tanushree Ray	136123010	Mathematics	22 nd October 2021
8.	Krishna Gopal Chattaraj	156122035	Chemistry	1 st November 2021
9.	Priyanki Das	146151005	Energy Science and Engineering	2 nd November 2021
10.	Tefera Kitaba Tolesa	156102022	Electronics and Electrical Engineering	8 th November 2021
11.	Abhisekh Saha	166104034	Civil Engineering	8 th November 2021
12.	Vineeta Das	166102012	Electronics and Electrical Engineering	10 th November 2021
13.	Loitongbam Gyanendro Singh	176101012	Computer Science and Engineering	11 th November 2021
14.	Nirmalya Pradhan	156122054	Chemistry	12 th November 2021
15.	Dipanjjan Bhattacharyya	166122033	Chemistry	12 th November 2021
16.	Suresh Modalavalasa	166152105	Environment	12 th November 2021
17.	Sayanti Ghosh	146152003	Environment	16 th November 2021
18.	Prasenjit Sarkar	156122046	Chemistry	17 th November 2021
19.	Mahboob Alam	156107018	Chemical Engineering	18 th November 2021
20.	Kaustav Banerjee	166122042	Chemistry	19 th November 2021
21.	Rabindranath Paul	166122026	Chemistry	20 th November 2021
22.	Nilakshi Sarmah	156103018	Mechanical Engineering	22 nd November 2021
23.	Siddharth Thakur	156107004	Chemical Engineering	22 nd November 2021
24.	Nandita Biswas	166122001	Chemistry	22 nd November 2021
25.	Abhay Gupta	156103004	Mechanical Engineering	23 rd November 2021
26.	Koninika Mukherjee	146141002	Humanities and Social Sciences	25 th November 2021
27.	Kamakshi Manjari	146102017	Electronics and Electrical Engineering	29 th November 2021
28.	Subbi Rami Reddy Tadi	156106020	Biosciences and Bioengineering	30 th November 2021
29.	Abdelsalam Hassan Muhammad Abdelaziz	166121021	Physics	1 st December 2021
30.	Dolly Taparia	156121031	Physics	2 nd December 2021
31.	Viswanth Ramba	156151010	Energy Science and Engineering	7 th December 2021
32.	Abdalganjy Kebede Wakjira	156101023	Computer Science and Engineering	9 th December 2021
33.	Siddharth Nimkar	136106023	Biosciences and Bioengineering	10 th December 2021
34.	Chejarla Venkatesh Reddy	156104038	Civil Engineering	13 th December 2021
35.	Manmohan Sharma	166102009	Electronics and Electrical Engineering	16 th December 2021
36.	Brijesh Singh	156101006	Computer Science and Engineering	16 th December 2021
37.	Yogendra Pratap Singh	146106044	Biosciences and Bioengineering	16 th December 2021
38.	Sangay Tamang	156141009	Humanities and Social Sciences	16 th December 2021
39.	Thomas T Daniel	156153003	Nanotechnology	16 th December 2021
40.	Regulus Dominic K Shallam	146104043	Civil Engineering	17 th December 2021
41.	Md Sarfaraz Alam	166105008	Design	17 th December 2021
42.	Kousik Maji	166122034	Chemistry	20 th December 2021
43.	Devarshi Kashyap	136103003	Mechanical Engineering	21 st December 2021
44.	Nibedita Ghosh	146152007	Environment	22 nd December 2021
45.	Bharath Velaga	166107101	Chemical Engineering	28 th December 2021
46.	Devipriya Gogoi	156107043	Chemical Engineering	29 th December 2021
47.	Saurav Kumar Dutta	156103012	Mechanical Engineering	30 th December 2021
48.	Sanlut Nengneithem Haokip	146141021	Humanities and Social Sciences	5 th January 2022
49.	Bandana Chowdhury	146141004	Humanities and Social Sciences	6 th January 2022
50.	Aniruddha Majumdar	136102029	Electronics and Electrical Engineering	6 th January 2022
51.	Prerak Gupta	156106029	Biosciences and Bioengineering	7 th January 2022
52.	Bikash Sah	156102015	Electronics and Electrical Engineering	8 th January 2022
53.	Kakali Priyam Goswami	186107007	Chemical Engineering	8 th January 2022
54.	Anjit Roy	156102017	Electronics and Electrical Engineering	11 th January 2022
55.	Ram Manohar	156123016	Mathematics	11 th January 2022
56.	Ande Bhuvaneshwari Devi	166104026	Civil Engineering	12 th January 2022
57.	Pankaj Upadhyay	146105016	Design	14 th January 2022
58.	Rajendra Kumar	156102029	Electronics and Electrical Engineering	15 th January 2022
59.	Nagargoje Mahesh Shahadeo	166107014	Chemical Engineering	17 th January 2022
60.	Nasim Akhtar	166122036	Chemistry	19 th January 2022
61.	Sourav Kalita	146122023	Chemistry	19 th January 2022
62.	Shreya Mehrotra	146106030	Biosciences and Bioengineering	20 th January 2022
63.	Satyajit Bora	156102010	Electronics and Electrical Engineering	21 st January 2022
64.	Rubi Chakraborty	166104040	Civil Engineering	25 th January 2022
65.	Suhaib Alam	166122019	Chemistry	27 th January 2022
66.	Vartika Srivastava	136106022	Biosciences and Bioengineering	27 th January 2022
67.	Ankur Pandey	156107005	Chemical Engineering	28 th January 2022
68.	Basab Kanti Das	166122035	Chemistry	28 th January 2022
69.	Tukhar Jyoti Konch	166122027	Chemistry	29 th January 2022
70.	Jayakrishnan U	156152005	Environment	31 st January 2022
71.	Nirmal Chandra Roy	156153001	Nanotechnology	31 st January 2022
72.	SAMI AL ISSA***	176102006	Electronics and Electrical Engineering	1 st February 2022

* The Final version of the PhD thesis of Mr. Sunil Kumar Singh (136103011) with corrections suggested by viva voce committee was submitted to Academic Affairs on November 22, 2021.

** The Form 17(viva voce report) of Mr. Jahnu Saikia (146106032) was sent to Academic Affairs on October 26, 2021.

***Foreign student.

ANNEXURE-5

Action Taken Status on the decision of the 109th Meeting of BOG held on 28.12.2021

Item No.	Item	Resolutions	Action to be taken by
Item No.1	Presentation by Dean R&D, and Head , School of Energy Sciences & Engineering	<p>The Board of Governors of the Institute in its 108th Meeting held on 25.10.2021 suggested the Heads of two or three Departments/Sections alternatively to make brief audio/visual presentations to showcase the achievements of the Departments including their plans, innovations, and contribution to the Nation in general and the North East in particular.</p> <p>Accordingly, a power-point presentation of about 15 minutes was delivered by Dean, Research & Development and Head, School of Energy Sciences and Engineering before the BOG showcasing the recent activities, achievements and plans of the respective Section/ School.</p> <p>The Board appreciated the efforts of the R&D Section and the achievements of the Institute in the R&D front. The Board also appreciated the academic & R&D profile and plans of the newly formed School of Energy Sciences and Engineering. The Board members expressing their excitement also pointed out that the academic and R&D activities are moving in the right directions and are hopeful of seeing the good efforts bear fruits in due course of time.</p> <p>The Director of the Institute also pointed out the various scientific infrastructure being developed in the recent time. The Board applauded the hard work and team effort that has been carrying out the recent scientific</p>	The resolution is noted for record.

		developmental works in the Institute. At the end the Director extended gratitude on behalf of the Board to the outgoing Senate Nominee, Prof. Diganta Goswami for his support and active participation in the Board meetings during his tenure.	
Item No.2	Consider the confirmation of the minutes of the 108 th meeting of the Board of Governors of the Institute held on 25.10.2021	<u>Resolution No: R_109BOG/02/2021</u> RESOLVED that the minutes of the 108 th Meeting of the Board of Governors of the Institute held on 25.10.2021 be CONFIRMED as placed in <u>Annexure-1.</u>	The resolution is noted for record.
Item No. 3	Consider the Action Taken Report (ATR) of the decisions of the 108 th Meeting of the Board of Governors of the Institute held on 25.10.2021	<u>Resolution No: R_109BOG/03/2021</u> RESOLVED that the action taken on the decision of the 108 th Meeting of the Board of Governors of the Institute held on 25.10.2021 be NOTED as reported.	Action Taken as Reported.
Item No.4	Approval to the recommendations of the 49 th Meeting of the Finance Committee scheduled on 28.12.2021	<u>Resolution No: R_109BOG/04/2021</u> RESOLVED that the recommendations of the 49 th meeting of the Finance Committee held on 28.12.2021 preceding the Board meeting placed separately as Annexure be APPROVED.	Decisions are conveyed to F&A Section for needful.
Item No.5	Consider the Annual Accounts of IIT Guwahati for the year 2020-21	<u>Resolution No: R_109BOG/05/2021</u> RESOLVED that the Audited Report 2020-2021 and the Separate Audit Report (SAR) be APPROVED for onward submission to the Ministry for placing it before the Parliament.	Sent to the Ministry of Education for placing before the parliament vide letter dated 28.12.2021
Item No.6	Consider the Review Committee Report for selection modalities of Dr Shankar Dayal Sharma Gold Medal Award	<u>Resolution No: R_109BOG/06/2021</u> RESOLVED to APPROVE the resolution R157/12/2021 of the senate and the Review Committee report on selection modalities of Dr Shankar Dayal Sharma Gold Medal Award along with the modifications suggested by the Senate in its 157 th meeting.	Will be implemented from this year onwards
Item No.7	Consider the recommendations of the Institute Post Graduate Programme	<u>Resolution No: R_109BOG/07/2021</u> RESOLVED to APPROVE the proposed MA (Liberal Arts) programme in the Dept. of HSS as per the recommendation of the 157 th Meeting of the Senate.	The implementation procedure is under process.

	Committee (IPPC) on the proposal from the Dept. of HSS to introduce MA (Liberal Arts) programme.	The Board further APPROVED the following recommendations of the Senate : i. The eligibility criterion for general candidates should be at least 60% or 6.0 CPI in Bachelor's degree to maintain the quality and standard of the Institute. ii. Considering the option of GATE paper in HSS, the department should come up with a suitable selection procedure to enrol students in this programme.	Admission process will be started from the July 2022 session.
Item No.8	Consider the recommendations of the Institute Post Graduate Programme Committee (IPPC) on a new M Tech specialization in Dept. of Chemical Engineering	Resolution No: R_109BOG/08/2021 RESOLVED to APPROVE the proposed M Tech specialization Computer Aided Process Engineering (CAPE), in Dept. of Chemical Engineering as per recommendation of the 157 th meeting of Senate.	Admission process will be started from the July 2022 session.
Item No.9	Consider the recommendations of the Institute Post Graduate Programme Committee (IPPC) on revised formats for transcript and degree certificate of PhD programmes	Resolution No: R_109BOG/09/2021 RESOLVED to APPROVE the revised formats for transcript and degree certificate of PhD programmes as per recommendation of IPPC and the Senate placed in Annexure-8 .	Will be implemented from this year.
Item No.10	Status report on filling of backlog vacancies of faculty Recruitment	Resolution No: R_109BOG/10/2021 RESOLVED that the Status Report on filling of backlog vacancies of faculty recruitment in the Institute be NOTED as reported.	Noted as reported
Item No.11	Consider and approve the list of subject experts as Board's Nominee for Selection Committee for Faculty Recruitment in the School of Business	Resolution No: R_109BOG/11/2021 NOT FOR PUBLIC DOMAIN	Noted for compliance
Item No.12	Consider and approve the recommendation of the Standing Committee meeting	Resolution No: R_109BOG/12/2021 RESOLVED to APPROVE the selection of eligible faculty members for Pay Level 15 as recommended by the Standing	Offer letters already issued

	for selecting eligible faculty members for pay Level 15	Committee placed at Annexure-11 (pg.121-122) .	
Item No.13	Consider and approve the recommendation of the committee constituted to frame a policy for Internal transfer of non-teaching employees and thereby implement the policy in the Institute	<u>Resolution No: R_109BOG/13/2021</u> RESOLVED to APPROVE the recommendations of the Committee regarding the transfer of technical cadre officers and staff from one Section/Dept./Centre/School to another. The Board further RESOLVED to APPROVE the Policy for internal transfer of non-teaching employees both technical and non-technical staff and officers for implementation in the Institute.	Necessary O/o issued on the matter
Item No.14	Consider and approve financial up-gradation in respect of Dr. Sanjib Kr Deka, Assistant Librarian of IIT Guwahati under Career Advancement Scheme (CAS)	<u>Resolution No: R_109BOG/14/2021</u> RESOLVED to APPROVE the financial up-gradation to Dr.Sanjib Kr. Deka from Pay Level 10 to Pay Level 11 under Career Advancement Scheme (CAS) w.e.f. 03.02.2019.	Implemented and necessary O/o on the matter is issued.
Item No.15	Consider and approve relaxation of age bar for internal candidates in case of direct recruitment	<u>Resolution No: R_109BOG/15/2021</u> RESOLVED to APPROVE relaxation of age bar for the internal candidates in case of Direct Recruitment in the Institute for all posts except for the position of the Registrar, Librarian & other tenure posts.	Changes in the respective RRs are done as approved.
Item No 16	Consider replacement of a Institute vehicle (Maruti-CIAZ) through Buy-back scheme	<u>Resolution No: R_109BOG/16/2021</u> RESOLVED to APPROVE the proposal of purchase of Toyota InnovaCrysta Model ZX, MT Pearl White through buy back mode as per the recommendations of the Finance Committee of the Institute.	Implemented
Item No.17	Consider and decide on the report of the Inquiry Committee constituted to fix responsibility and to initiate necessary disciplinary proceedings against the charged officials for loss of public money of Rs. 5.97 crore due to damage of Hostel No. - 8.	<u>Resolution No: R_109BOG/17/2021</u> NOT FOR PUBLIC DOMAIN	Decision of the Board is intimated to the Ministry of Education vide latter dated 12.01.2022

Item No 18	Consider and decide on the Report of the Inquiry Committee w. r.t. Dr K.V Srikanth, Asst. Professor (under Suspension) , Dept of Mathematics	<u>Resolution No: R_109BOG/18/2021</u> NOT FOR PUBLIC DOMAIN	Noted
Item No 19	Grievance letter submitted by the Technical staff with entry level qualification of BE/MSc for seeking higher pay scale as per recommendation of 5 th , 6 th and 7 th CPC	<u>Resolution No: R_109BOG/19/2021</u> NOT FOR PUBLIC DOMAIN	As advised reminder to the MoE is sent vide letter dated 21.01.2022. Reply from the Ministry has been received vide Ref No F No 32-37/2018-TS.I dated 8/02/20022 requesting for more details which are under process.
Item No 20	Disciplinary Proceedings and resignation of Dr.Ranu Roychoudhuri, Assistant Professor, Dept. of Humanities and Social Sciences	<u>Resolution No: R_109BOG/20/2021</u> NOT FOR PUBLIC DOMAIN	Letter regarding recovery of Rs 25,26,215/-sent to Dr. Roychoudhuri on 23.12.2021 and reminder sent on31.01.2022
Item No. 21	The matter of FIR filed by Mr. Vikrant Singh against the Director and Deans of IIT Guwahati	<u>Resolution No: R_109BOG/21/2021</u> NOT FOR PUBLIC DOMAIN	Steps have been taken as per the decision of the Board and a letter has been sent to the Legal Retainer in this regard.
Item No. 22	Consider and approve the recommendation of the Departmental Promotion Committee Meeting for the post of Technical Officer Gr.II, held on 17.12.2021	<u>Resolution No: R_109BOG/22/2021</u> RESOLVED to APPROVE the recommendation of the Departmental Promotion Committee Meeting for selection of the 06 (six) candidates and the Panel mentioned above for the post of Technical Officer Gr.II, held on 17.12.2021.	Appointment letters issued
Item No.25	Items for Reporting to the Board	<u>Resolution No: R_109BOG/25/2021</u>	
A.	Proposal to have only the scanned/digital	Consequent upon implementation of digital signature on the pass certificates of	Implemented

	signature of the Registrar on the degree certificates of graduating students w.e.f. the 23rd Convocation.	the graduating students, the digital signature of only the Registrar was necessary, not only for uploading in the Govt. of India's National Academic Depository (NAD) but also for authentication /verification by various external agencies. In accordance with the above with effect from 19 th convocation of the Institute onwards, pass certificates of the graduating students had been signed manually by the Registrar only, where the images of the signature of the Director and the Chairman BOG have been already prefixed. In order to do away with the time consuming rigorous practice of manual signature of the Registrar particularly in this pandemic, it was proposed to have only the scanned/digital signature of the Registrar on the pass certificates of the graduating students with effect from 23 rd convocation of the Institute held on 16.07.2021, since the same is acceptable to both uploading in the Govt. of India National Academic Depository (NAD) and also for authentication verification by various external agencies. The same was also reported in the 157th meeting of the Senate and the Senate vide resolution R157/20 (j) /2021 RESOLVED that the proposal to have only the scanned/digital signature of the Registrar on the degree certificates of the graduating students' w.e.f. 23rd Convocation be NOTED .	
B.	Suspension of license fee free accommodation provided to certain employees of the Institute due to CAG observation	License fee free accommodation was provided to some of the officials of the Institute as per decision of the 29 th meeting of BOG held on 04.05.2002. But as per the OM No 18018/01/2017 Pol III dated 17.08.2017, Director of Estates, Government of India recommendation of the Committee of Allowance formed under the aegis of the seventh Pay commission vide para 7 of the Resolution No 1-2/2016-IC dated 25.07.2016, GOI has inter alis decided that Rent Free Accommodation Allowance stands abolished with effect from 01/07/2017	Noted

		vide Resolution No 11-1/2016-IC dated 06.07.2017. As such CAG Audit raised a query on the non-deduction of License fee from the said officials. In this context the facility of license fee free accommodation has been suspended in the Institute w.e.f 01.11.2021, until further order.	
C.	NOT FOR PUBLIC DOMAIN		Noted
D.	NOT FOR PUBLIC DOMAIN		Noted
E.	NOT FOR PUBLIC DOMAIN		Caveat has been filed.
F.	NOT FOR PUBLIC DOMAIN		Noted as reported
Item No. 26	Minutes of the 90 th meeting of the Building & Works Committee (B&WC) of the Institute held on 08.12.2021.	<u>Resolution No.: R_109BOG/26/2021</u> RESOLVED to APPROVE the minutes of the 90 th meeting of the Building and Works Committee (B&WC) of the Institute held on 08.12.2021	Noted as reported
Item No. 27	Minutes of the 158 th meeting of the Senate of the Institute to be held on 20.12.2021	<u>Resolution No.: R_109BOG/27/2021</u> RESOLVED to APPROVE the minutes of the 158 th meeting of the Senate of the Institute will be held on 20.12.2021 as placed.	The Minutes of the Meeting has already been circulated among the members.
Item No. 28	Consider the selection of a new nominee of the Senate to the Board of Governors for the calendar year 2022-2023	<u>Resolution No.: R_109BOG/28/2021</u> RESOLVED to APPROVE the recommendation the 158 th meeting of the Senate on assignment of the responsibility of election process to elect a new nominee to the BOG for a period of two years.	Prof. Tamal Banerjee was elected as Senate nominee to the Board for a term of two years ending on 31 st December, 2023.
Item No. 29	Consider the proposal of new B Tech programme in Energy Engineering, submitted by the School of Energy Science and Engineering	<u>Resolution No.: R_109BOG/29/2021</u> RESOLVED to APPROVE the recommendation the 158 th meeting of the Senate on the proposal for starting of new B Tech programme in Energy Engineering with 20 seats including female only seats.	<ul style="list-style-type: none"> • The course curriculum of the program will be taken up in the next IUPC meeting to be held by January 2022 end. • JEE cell has been intimated about the approval of the program.

			• The concerned school has been intimated about the approval.
Item No. 30	Consider the list of Experts as Senate nominees for the School of Business	<u>Resolution No.: R_109BOG/30/2021</u> NOT FOR PUBLIC DOMAIN	Noted for future reference
Item No. 31	Consider the recommendations of the IPPC on the proposal of the curriculum and syllabi of MBA programme in the School of Business	<u>Resolution No.: R_109BOG/31/2021</u> RESOLVED to APPROVE the Tuition fee (placed at Annexure-33) of the MBA programme as per recommendation of the 158 th Meeting of the Senate and the 49 th meeting of the Finance Committee.	The program has been advertised
Item No. 32	Consider the recommendations of the IPPC on the proposal of new MTech in Bioengineering programme from the BSBE Department	<u>Resolution No.: R_109BOG/32/2021</u> RESOLVED to APPROVE the recommendation of the proposal of new M Tech in Bioengineering programme from the BSBE Department as per approval and recommendation of the Senate.	Admission process will be started from the July 2022 session
Item No. 33	Consider IPPC recommendations on Direct Admission Clauses in the PhD Ordinance	<u>Resolution No.: R_109BOG/33/2021</u> RESOLVED to APPROVE the proposal of repealing the Direct Admission Clauses in the PhD Ordinance as per recommendation of IPPC and Senate.	Under process
Item No. 34	Consider the recommendations of the IPPC on the proposal of NSS course for PG/PhD students	<u>Resolution No.: R_109BOG/34/2021</u> RESOLVED to APPROVE the recommendation of the IPPC and the Senate to float NSS course as an optional audit course for PG/PhD students	Under process
Item No. 35	Consider the proposal for including Associate Dean of Academic Affairs (Online Programmes) in the Institute level Academic Committees	<u>Resolution No.: R_109BOG/35/2021</u> RESOLVED to APPROVE the proposal for including Associate Dean of Academic Affairs (Online Programmes) in the Institute level Academic Committees as per recommendation of the Senate.	Noted and included accordingly.

Item No. 36	Appointment to the post of Registrar of the Institute	<u>Resolution No.: R_109BOG/36/2021</u> RESOLVED to APPROVE selection of Mr. Pradeep Kumar Ray to the post Registrar at IIT Guwahati, as recommended by the Selection Committee for a tenure of five years from the date of joining or till attaining the age of 62 years, whichever is earlier.	Appointment letter issued
<ul style="list-style-type: none">• Rest of the Items are Reporting items for ratification and action already taken as reported.			

ANNEXURE-6

Action Taken Status on the decision of the BOG approved by circulation

Item No.	Item	Resolutions	Action to be taken by
1	To consider the list of graduating students who have completed their PhD Degree programme after the 23rd Convocation from 12th October 2021 till 31st January 2022 for the award of degrees.	To approve the list of graduating students who have completed their Ph.D Degree programmes after the 23rd Convocation, from 12th October 2021 till 31st January 2022, and found eligible to receive Ph.D degrees are given in <u>Annexure 2</u> .A foreign student (enrolment no 176102006) who has completed his degree on 1st February 2022 is also included in the list as a special case.	PhD Degree is awarded as per List in Annexure 2.

GOVERNOR'S SECRETARIAT, ASSAM
RAJ BHAVAN : GUWAHATI-781001.



No.GSA.133/2021/1

December 10, 2021

From : S S Meenakshi Sundaram, IAS,
Commissioner & Secretary to The Governor,
Assam, Raj Bhavan, Guwahati-01.

To : Shri Prof. Dr. T.G.Sitharam
Director,
Indian Institute of Technology Guwahati,
Amingaon, Guwahati, Assam 781039.

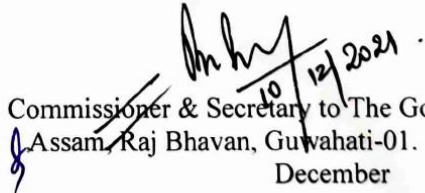
Sub : **Institution of Annual Award for meritorious student in the name of Hon'ble Governor, Assam- Creation of a corpus out of grant from Discretionary Fund to be provided by The Hon'ble Governor, Assam.**

Sir,

The Hon'ble Governor, Assam desires to institute Annual Award as "Hon'ble Governor, Assam Awards for Meritorious Students etc" for the topper of your institution on an annual basis. In this regard, The Hon'ble Governor, Assam desires to provide a grant from out of his Discretionary Fund which may be placed in a fixed deposit and the annual interest amount accruing from the same to be utilized for the cost of Annual Award/Gold Medal to meritorious student of undergraduate/ postgraduate scheme -1 each. Further, a Citation/Certificate may also be provided to the meritorious student. In this regard, I am directed to request you to kindly furnish a proposal enclosing the scheme and design for the Award to Raj Bhavan, Assam for kind perusal of The Hon'ble Governor, Assam. The monetary requirement may kindly be mentioned in detail. Also the methodology of selection/determination of meritorious students may also be mentioned.

Solicit your kind cooperation and positive reply on or before 21st December, 2021.

Yours faithfully,


Commissioner & Secretary to The Governor,
Assam, Raj Bhavan, Guwahati-01.

December 10, 2021

Memo No.GSA.133/2021/ 1 -A

Copy to:-

1. The PPS to The Hon'ble Governor, Assam, Raj Bhavan, Guwahati-01.
2. Concerned file.

Sd/-

Commissioner & Secretary to The Governor,
Assam, Raj Bhavan, Guwahati-01.

GOVERNOR'S SECRETARIAT, ASSAM
RAJ BHAVAN : GUWAHATI-781001.



No.GSA.133/2021/32

January 07, 2022

From : S S Meenakshi Sundaram, IAS,
Commissioner & Secretary to The Governor,
Assam, Raj Bhavan, Guwahati-01.

To : Prof. T. G. Sitharam,
Director,
Indian Institute of Technology Guwahati,
Amingaon, Guwahati, Assam 781039.

Sub : **Governor Award for Excellence to Meritorious Students**

Ref : 1.This Office letter No.GSA.133/2021/1 dated 10/12/2021
2.Your email dated 15/12/2021


Sir,

With reference to the subject cited above, I am directed to inform you that The Hon'ble Governor, Assam is pleased to accept the proposal from IIT Guwahati and has sanctioned the sum of Rs.20,00,000/- (Rupees Twenty lakhs) only for instituting 2 (two) Awards for 2nd topper of Under Graduate and topper of Post Graduate Category of IIT Guwahati. The Hon'ble Governor, Assam desires that the Award may be named as '**Governor Award for Excellence to Meritorious Students**'. The copy of sanction order No.GSA.133/2021/31 dated 04/01/2022 is enclosed herewith for ready reference.

Out of the total amount of Rs.20,00,000/-, sum of Rs.10,00,000/- each is to be deposited in fixed deposit in two separate Bank Accounts i.e. one for the Postgraduate and another for the Undergraduate category students and the interest accrued from the deposit may be utilized annually for the Awards- one each to topper of Postgraduate and 2nd topper of Undergraduate students. Also the Award may comprise a Medallion, Scroll/Certificate and some Cash Component/Books etc. Annually a report on the presentation of Awards and utilization of interest funds etc may kindly be sent to Raj Bhavan for placement before The Hon'ble Governor, Assam.

Encl. As stated.

Yours faithfully,


Commissioner & Secretary to The Governor,
Assam, Raj Bhavan, Guwahati-01.



GOVERNOR'S SECRETARIAT, ASSAM
RAJ BHAVAN : GUWAHATI-781001.

No.GSA.133/2021/31

Dated January 04, 2022

SANCTION ORDER

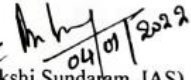
Sanction is hereby accorded for drawal of a sum of **Rs.50,00,000/- (Rupees Fifty lakh)** only i.e. (Rs.20,00,000/- + Rs.10,00,000/- + Rs.10,00,000/- + Rs.10,00,000/-) for payment to the following institutions for institution of Annual Award for meritorious students in the name of The Hon'ble Governor, Assam as financial assistance from the Discretionary Fund placed at the disposal of The Hon'ble Governor, Assam for the purpose of making donation and giving rewards to the Private/Individual and Associations etc.

Sl. No.	Name of Organization	Purpose	Amount
1	Indian Institute of Technology, Guwahati	Institution of Annual Award for meritorious students in the name of The Hon'ble Governor, Assam for Post Graduate and Under Graduate students.	Rs.20,00,000/-
2	Cotton University	Institution of Annual Award for meritorious students in the name of The Hon'ble Governor, Assam for Post Graduate and Under Graduate students.	Rs.10,00,000/-
3	Gauhati Commerce College	Institution of Annual Award for meritorious students in the name of The Hon'ble Governor, Assam for Post Graduate and Under Graduate students.	Rs.10,00,000/-
4	Assam Jatiya Bidyalay	Institution of Annual Award for meritorious students in the name of The Hon'ble Governor, Assam for 10 th & 12 th standard students.	Rs.10,00,000/-

The amount is to be deposited in SBI Bank A/C No. 10821407112, IFSC: SBIN0003030.

The expenditure is debitible to the Head of Account "2012-President/Vice-President/Governor/Administrator of Union Territories-03-102-0000-000-32-99-Discretionary Grants by the Governor of Assam (General Areas) (charged) TG-IB" during the financial year 2021-2022.


This sanction is accorded under the provision of Delegation of Assam Financial Rules, 1999 as amended.


(S S Meenakshi Sundaram, IAS)
Commissioner & Secretary to The Governor,
Assam, Raj Bhavan, Guwahati-1.
Dated January 04, 2022

Memo No.GSA.133/2021/31-A

Copy for information & necessary action to: -


1. The Principal Accountant General (A&E), Assam, Maidamgaon, Beltola, Guwahati-29.
2. The Bill Branch of Governor's Secretariat, Assam, Raj Bhavan, Guwahati.
3. Concerned file.


(G. Baruah, ACS)
Deputy Secretary-Cum-DDO,
Governor's Secretariat, Assam,
Raj Bhavan, Guwahati-1.
Dated January 04, 2022

Memo No.GSA.133/2021/31-B

Copy for information & necessary action to: -

1. The Principal Accountant General (Audit) Assam, Maidamgaon, Beltola, Guwahati-29.
2. The Treasury Officer, Dispur, Guwahati-6.


(D. Das)
Sr. Financial Advisor,
Governor's Secretariat, Assam,
Raj Bhavan, Guwahati-01

Sl. No.:

Roll No.



Indian Institute of Technology Guwahati

Certificate



This is to certify that **NAME OF STUDENT** of the **NAME OF PROGRAMME** in **NAME OF DISCIPLINE**, has been awarded the **Governor of Assam Gold Medal for Excellence to Meritorious Student** of the Indian Institute of Technology Guwahati, for securing the highest Cumulative Performance Index (C.P.I) among the eligible students who have completed the postgraduate programmes, across all disciplines, in the year

Place: Guwahati

Date: .././.....

Registrar

Governor of Assam
Gold Medal
Postgraduate



Obverse



Reverse

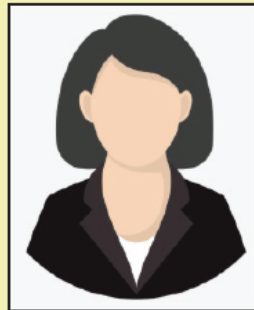
Sl. No.:

Roll No.



Indian Institute of Technology Guwahati

Certificate



This is to certify that **NAME OF STUDENT** of the Bachelor of Technology in **NAME OF DISCIPLINE** / Bachelor of Design, has been awarded the **Governor of Assam Gold Medal for Excellence to Meritorious Student** of the Indian Institute of Technology Guwahati, for securing the second highest Cumulative Performance Index (C.P.I) among the eligible students who have completed the Bachelor of Technology and Bachelor of Design programmes, in the year

Place: Guwahati

Date: .././.....

Registrar

Governor of Assam
Gold Medal
Undergraduate



Obverse



Reverse

Annexure 159/5

Proposal for M Tech in Biomedical Science and Engineering

Preamble:

The National Education Policy – NEP 2020 has emphasized the necessity of academic programs at the various levels of education, which inculcates multidisciplinary trainings to the students/scholars with a significant stress on the hands-on training. The major objective of such academic curricula includes not only to train and upskill the bright minds of the country with real-life laboratory scale experience but also to improve their employability by connecting their education to the translational activities. In this direction, medical science and technology is one such multidisciplinary field where the scientific, technological, and design interventions from diverse disciplines of engineering, pure science, social science, and design have been significant. For example, the specialties like diagnostics, systems biology, bioinformatics, regenerative medicine, data science and analytics, tissue engineering, stem cell research, public health, and prosthesis, among many others, have found their major footprint in the technological realm in the recent years. In conjunction, with the recent translational initiatives from the Government of India for import replacements such as Atmanirbhar Bharat, Make-in-India and Startup India, it has become imperative to develop human resources ready to be employed in the medical industries, who are capable of producing the next generation of technologies through disruptive inventions and innovations in the multidisciplinary scientific and technological domains.

The proposed Master of Technology curriculum in Biomedical Science and Engineering at the School of Health Sciences and Technology is designed to provide the incoming students a foundation of knowledge related to the modern biomedical technologies within the broader perspective of the health science and technology. The course is designed to offer introductory as well as advanced study modules such as cell biology, immunology, physiology, quality management, biomaterials, biosensors, diagnostic and biomedical devices. The curriculum also offers the courses on research methodology, regulatory aspects of technologies, intellectual property rights, publication and patent writing among others. In the beginning of the curriculum, the students arriving from the diverse disciplines are to be trained with a set of compulsory core courses drawn from different disciplines in the first semester. After the build-up of the foundation through this activity, in the second semester, the program offers to specialize through the electives and undergo hands-on training through the laboratory courses. In the third and the fourth semesters, the students would take up a research project along with exploring and specializing their knowledge base by taking one elective of their choice from any department in each semester.

Overall, the proposed curriculum **M Tech in Biomedical Science and Engineering with Specialisation in Medical Devices and Diagnostics**, is to be started from July 2022. Further, addition of specializations such as regenerative medicines, bioinformatics, and health data science and analytics, to this curriculum is expected to happen in the years to come.

Eligibility Criteria:

For the regular category:

- Bachelor of Engineering/Technology degree in Electronics Engineering/ Electrical Engineering/ Mechanical Engineering/ Biotechnology/ Biosciences and Bioengineering/ Biomedical engineering/ Chemical engineering/ Chemical Science and Technology. Additionally, the candidate should have studied Mathematics as a subject at the Bachelors' level. OR
Bachelor of Pharmacy Degree. Additionally, the candidate should have studied Mathematics as a subject at the Bachelors' level. OR
Master of Science Degree in Physics/Chemistry/ Life Sciences. Additionally, the candidate should have studied Mathematics as a subject at the Bachelors' level.

- Minimum CPI of 6.0 in a 10-point scale or a minimum of 60% of total/aggregate marks in the Qualifying Degree.
The minimum marks requirement is relaxed by lowering 0.5 in CPI or 5% in marks for SC/ST/PwD candidates.

For Ministry of Education Fellowship (regular and full time):

- The candidate should have valid GATE score in the relevant discipline.

For all categories other than regular (part-time/project staff/sponsored etc.):

- The candidate would also need to appear in the interview.

Number of Seats: 20 (Total). Up to 10% of total seats can be offered to non-regular candidates (part-time/project staff/sponsored candidates).

ANNEXURE-11



भारतीय प्रौद्योगिकी संस्थान गुवाहाटी
INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI

Alumni & External Relations
IIT Guwahati

NOTESHEET

Ref: IITG/ER/GEN/FEE/126/793

Date:

Sub: Recommendations of the committee constituted for developing a suitable mechanism for collecting alumni fee- reg.

Recommendations of the committee constituted for developing a suitable mechanism for collecting alumni fee vide notice No. IITG/ER/BoG/54/787 dated 24-02-2022, following a decision of the 107th meeting of the BoG, is placed herewith for your approval please.

If approved, the same may perhaps be placed before the upcoming 110th meeting of the BoG, please.

MPKait
Dean (AER)
08/02/2022

→Director

Approved
J.G. Sithum 10/3/22
Director
IIT Guwahati

DoAER: Send it for next BoG

HoS(AER):

MPKait.
10/03/22

Minutes of the Meeting held on 28-02-2022


Pursuant upon the resolution of the 107th BoG (**Flag A**), a committee was constituted for developing a suitable mechanism for collecting alumni fee vide notice No. IITG/ER/BoG/54/787 dated 24-02-2022. The committee met in the office room of the Dean, AER on 28-02-2022 at 11 AM.

The Committee made the following observations –


1. The Committee observed that the BoG on 26-12-2015 passed a resolution to charge an amount of Rs.1500 from all final year students of IITG starting from the year 2016 as Alumni fee initially for a period of five years (Extract of the minutes of 83rd meeting of the BoG placed at **Flag B**).
2. The Board in its 98th meeting held on 19-08-2019 resolved to collect Alumni fee as one-time fee at the time of admission with a provision that this fee is to be returned to the student, if, he/she discontinues or is terminated from the academic program (Extract of the minutes of the 98th meeting of the BoG is placed at **Flag C**).
3. Meanwhile, the hon'ble Gauhati High Court in its Order dated 27-11-2019 in WP(C)6224/2019 disposed of the petition directing IITG to refund the Alumni fee Rs. 1500 to the petitioners and also stated that the order is confined only to the petitioners of the present case without deciding in the issue raised by the petitioners (**Flag D**).
4. In the meeting of the DD with Deans & Associate Deans of Academic affairs and Students' Affairs, and Chairman HAB held on 22-05-2021 at 11 am (Extract of the of the minutes placed at **Flag E**), it was decided not to collect the Alumni Fee from the new students joining in July, 2021. It was opined by the committee that AER office shall make an appropriate proposal in this regard for consideration of the Institute.

In light of the above facts, and that the difficulty in determining upfront the graduating semester of the students to collect the fee in their final year/semester, the committee opined to continue as per the resolution of the BoG (mentioned in point 2 above) and recommends that –

1. One-time fee of Rs. 1500/- towards Alumni Fee may be collected at the time of admission from each student with a provision that this fee is to be returned to the student, if he/she discontinues or is terminated from the academic program.
2. The Institute may continue collecting this fee as a perpetual matter without any time frame until further decision in this regard. However, the AER Office may review the quantum of fee, based on the need, and propose the same to the Institute for approval.
3. The committee also recommends for collecting the Alumni Fee from the students admitted in the AY 2021-22, which was kept in abeyance, along with the fee of Monsoon Semester, 2022.


Prof M K Purkait
(DoAER)
04/03/2022


Prof K V Krishna
(ADoAA, PG)
4/3/22


Prof B B Mandal
(ADoAA, UG)
4/3/2022


Prof A Dalal
(ADoSA)

ANNEXURE-12

**RECOMMENDATION OF THE COMMITTEE CONSTITUTED TO EXAMINE THE APPLICATION FOR
CONSIDERATION OF APPOINTMENT ON COMPASSIONATE GROUND**

The Competent Authority of the Institute has constituted a Committee to examine the request of Ms. Barnali Das, w/o Late Binod Das, Former Attendant of this Institute regarding compassionate appointment as below:

Deputy Director
Registrar
Prof. Sudip Talukdar, Professor, Dept. of Civil Engg.
Prof. Saundarjya Borbora, Professor, Dept. of HSS
Joint Registrar (Admn.)

The Committee met on 03.02.2022 at 1.05 PM in the Conference Room of the Deputy Director. All the members were present in the meeting.

Late Binod Das joined IIT Guwahati 18.06.2008 as Junior Attendant and was subsequently promoted to the post of Attendant on 21.03.2016. Mr. Das expired on 27.07.2020. Subsequently Ms. Barnali Das, wife of Late Binod Das applied for compassionate appointment along with the prescribed format.

As a dependent family member, Ms. Barnali Das, wife of Late Binod Das is eligible for consideration of appointment on compassionate ground as per policy adopted by the Institute which was approved by the BOG in its 105th meeting held on 30.11.2020. Further as per the statement of Ms. Barnali Das, her husband (Late Binod Das) was the sole earner of the family and after his death, the family is facing financial hardship. Following are the details about Ms. Barnali Das and a depiction of her financial status.

Qualifications: Passed Praveshika Examination (equivalent to HSLC and accepted by the Institute in the earlier case of Ms. Taru Saikia and Ms. Hiran Deka).

Date of Birth: 14.07.1987

Category: General

Financial Status: The following amount was received by Ms. Barnali Das (as per Proforma submitted):

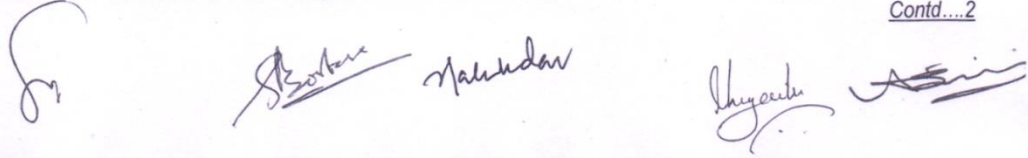
Basic Family Pension/monthly amount received under NPS	Yet to received
Retirement / Death Gratuity	NIL
GPF/CPF/NPS/PPF Balances	Yet to received
Leave Encashment	287952.00
GTIS	50,000,00.00
LIC/PLI	249976.40

The Committee noted the following are the eligibility criteria and relaxation as per the policy adopted by the Institute which was approved by the BOG in its 105th meeting held on 30.11.2020.

Criteria & Relaxation

- i) Appointment can be made Group 'C' (Entry Level) posts against the direct recruitment quota.
- ii) The family is indigent and deserves immediate assistance for relief from financial destitution.
- iii) Applicant for compassionate appointment should be eligible and suitable for the post in all respects under the provisions of the relevant Recruitment Rules.
- iv) Compassionate appointments can be made up to a maximum of 5% of vacancies falling under direct recruitment quota in Group 'C' (including technical posts) that have arisen in the year. A person selected for appointment on compassionate grounds should be adjusted in the recruitment roster against the appropriate category viz. SC/ST/OBC/General depending upon the category to which he/she belongs.

Contd....2



However, upper age limit can be relaxed wherever found to be necessary. The lower age limit should, however, in no case be relaxed below 18 years of age. Age eligibility shall be determined with reference to the date of application and not the date of appointment.

The Committee noted that presently the Institute has 54 nos. of vacant post of group C category for direct recruitment. 5% of 54 post will be $2.7 \cong 3$ posts. At present Ms. Barnali Das is the only applicant under compassionate ground.


The Committee examined the application and other documents submitted by Ms. Barnali Das and found that all the criteria have been fulfilled by Ms. Barnali Das. As far as age is concerned, the Committee decided to accept the relaxation clause.


The Committee also noted that the previous compassionate appointments in the Institute were made on contractual basis on consolidated pay for three years.

In view of this, the committee **RECOMMENDED** that Ms. Barnali Das may be offered contractual appointment on consolidated pay as Junior Attendant for immediate relief from financial destitution because of the loss of her husband.


Deputy Director


Registrar (Interim)


Prof. Sudip Talukdar
Professor, Dept. of Civil Engg.


Prof. Saundariya Borbora
Professor, Dept. of HSS


Joint Registrar (Admn.)

Online Master's Degree Programme

Draft Guidelines for Online Master's Degree Programme

Preamble: Online Master's Degree Programme (OMP) of the Institute primarily targets working professionals and foreign nationals to do their MTech, the first research degree programme, so that the departments/centres, and in turn the Institute, shall be benefited in terms of research output and industry collaboration. However, departments/centres may also propose any other master's degree by demonstrating the benefits.

Degree and Discipline: The name of the degree and a contemporary title of the discipline shall be proposed along with supporting documents in comparison with such programmes at world class universities.

Strength of the Department/Centre: The department/centre shall submit a document covering its strength in the proposed discipline in terms of number faculty members and their teaching and research experience in the discipline. Further, the document should demonstrate the feasibility and sustainability of the programme and the benefit to the department/centre in terms of research output and any other. For each compulsory course, the department should identify at least two faculty members who can offer the course. For popular disciplines, depending on the enrolment, the department may offer the programme to multiple sections by maintaining an optimal number in each section.

Targeted People: The department/centre should specify the targeted students and the prospects of the programme. A survey report or an equivalent document in this regard shall be submitted.

Proposed Intake: The department/centre shall propose the initial intake and future plans in this regard. Feasibility document in terms of current work load of faculty and its projections to run the programme as serious as the regular programmes.

Execution Plan: The department/centre shall submit a suitable plan of teaching, mentoring and supervising the theses of the students covering all aspects in terms of number of hours of contact and number of faculty or teaching assistants or mentors involved for implementation. Further, a plan of conducting laboratories for each of the possible course with laboratory component in the proposed discipline. Assessment plan for each type of the courses of the discipline should be proposed.

Eligibility Criteria: Specify the criteria in terms of minimum educational qualification, national level eligibility test and work experience, etc. Provide appropriate justifications particularly if any criterion is different from the set criteria for respective programmes at IITG.

Selection and Admission Process: The departments/centres may conduct admissions twice in a year so that the students can join Winter/Monsoon semester and the programme will run during the regular semesters. Reservations as per the government of India rules will be followed.

Course Structure and Curriculum: The departments/centres shall propose the course structure and curriculum by considering the following parameters. Comparative study with similar programmes at world class universities shall be enclosed.

Credit Requirement: The credit requirement will be as per the Institute ordinances for the respective programmes. However, the programme duration is of minimum 2 years and a maximum of 5 years.

Contact Hours: To accommodate working professionals, the contact hours for classes will be scheduled during 8-10 AM and 6-8 PM.

Credit Structure and Mode of Teaching: Each course shall be designed as per the credit format of the Institute. The course instructor can either choose to deliver the lectures online in one of the following modes and formats.

1. **Live lectures:** On an appropriate online platform, the course instructor will deliver live lectures. It should be ensured that the lectures are recorded and made available to students for reference and for compensating those students, if any, who may face technical issues during lectures. For a six-credit theory course, weekly three lectures will be held as per the schedule in a semester (of 14 weeks).
2. **Pre-recorded videos:** The course instructor will develop pre-recorded videos of one hour each and make them available to the students in advance, week wise. Further, the course instructor will conduct a weekly live session of at least one hour for discussion on the topics and for clarifications of doubts of the students. For a six-credit theory course, the course instructor will develop 30 pre-recorded videos of one hour each and will conduct four live sessions for every 10 pre-recorded video and each such session is of at least one hour. For courses of different credits, 10 pre-recorded videos + 4 live sessions can be considered as a unit for 2 credits.

Master's Thesis: After successful completion of compulsory courses prescribed for the programme, as per the topic of interest of the student, a faculty member of IITG will be assigned as a supervisor for guiding master's project which leads to a thesis. In addition, there can be a co-supervisor from industry. The project credits for MTech/MDes will spread over at least one year (two semesters) so that the student will get sufficient time to produce a thesis on the topic of research.

Certification and Degree: After completion of each course, a course completion certificate will be issued. A group of 3-4 courses can be designed as a module with appropriate name. After completion of a module, respective certificate will be issued. Similarly, after completion of the requirements for a degree, the degree will be awarded. The degree certificate will be exactly the same as that of regular degrees awarded by IITG, except that it will be clearly mentioned that the programme was held ONLINE.

MOOCS/GIAN: The credits earned through MOOCS/GIAN courses conducted by IITG will be counted if those courses are in the curriculum of the respective programme. For this, before taking up the MOOCS/GIAN course, the student will request the department with the details. The DPPC will review the proposal about the suitability and consult the faculty member(s) offering the MOOCS/GIAN course and accord approval, accordingly. In case of MOOCS course, the course instructor(s) shall conduct separate examinations for the students of OMP and award the grade. The department will decide the maximum number of MOOCS/GIAN courses permitted for the given programme.

Assessment: Each course will be graded by the respective course instructors in continuous assessment mode through quizzes, assignments, viva voce, etc., as deemed fit by the course instructors and one final examination of at least 50% weightage. All the examinations will be proctored examinations online or the

students will write the examinations at designated exam centres across the country. The final examination will be conducted on campus or at designated exam centres.

Registration Fee: A student admitted into respective programme has to register for at least one course in each semester for continuation in the programme. Registration fee for each course will be at the rate of Rs. 4000/- per credit for MSc/MA programme and it will be at the rate of Rs. 7,500/- per credit for MTech/MDes programme. For considering a course done through MOOCS/GIAN towards credit requirement of any of the programmes, the course registration fee will be 50% of the aforesaid full fee. A student has to pay about Rs. 7,50,000/- for MTech/MDes degree (assuming 100 credits) and Rs. 6,50,000/- for MA/MSc degree (assuming 160 credits).

Revenue Distribution: 50% of the revenue shall be with the Institute for development of infrastructure, maintenance and management. As per the existing model/administrative protocols of the Institute, the Institute shall arrange all the required infrastructure and manage it. For course execution, i.e. for course instructors, teaching assistants, mentors, etc., 30% of the revenue will reserved. Remaining 20% shall be allotted to DPF. The department/centre may arrange contingency and some minor equipment for course execution from its share.

For example, the revenue generated by MTech/MDes course of 6 credits for a class of 20 students will be distributed as follows:

Total Revenue	Institute (50%)	DPF (20%)	*Course Execution (30%)	
			Course Instructor(s) 80%	TAs and Mentors 20%
Rs. 7500/- x 6 (credits) x 20 (students) = Rs. 9,00,000/-	Rs. 4,50,000/-	Rs. 1,80,000/-	Rs. 2,16,000/-	Rs. 54,000/-
*Course execution is with the instructors. They will decide the share to be paid to TAs/Mentors. A fixed amount for each TA/Mentor per hour may be decided. Engagement of number of TAs/Mentors shall be decided by the Instructor(s).				

Revenue Policy: The total registration fee collected for each course shall be considered as the fund of the "Teaching Project" against the respective instructor(s). There will be an upper limit on the remuneration paid to the course instructors (other than that is paid to TAs) for each course. The upper limit will be reviewed once in every three years. At present the limit is set as Rs. 2 Lakhs. Any amount more than Rs. 2 Lakhs allotted to course execution minus the remuneration paid to TAs, as per the actual enrolment of a particular semester, shall be credited to the PDF of the course instructors. For project courses, the Institute supervisor will get the amount allotted, but not the Industry supervisor, if any.

Programme Closure: A minimum number of student enrolment or the participation/availability of the faculty members should be made explicit for continuation of the programme. Failing this the programme will be closed.

ANNEXURE-14

Annexure 160/4

Seat Matrix for PG/PhD Programmes for AY 2022-23

Dept Code	Programme	Discipline/Specialization	Total	OPEN	GEN-EWS	OBC-NCL	SC	ST
CSE	MTech	Computer Science and Engineering	68	28	7	18	10	5
EEE	MTech	EEE/Communication Engineering	20	8	2	5	3	2
EEE	MTech	EEE/Power Engineering	15	7	1	4	2	1
EEE	MTech	EEE/RF and Photonics	10	4	1	3	1	1
EEE	MTech	EEE/Signal Processing and Machine Learning	21	8	2	6	3	2
EEE	MTech	EEE/VLSI	20	8	2	5	3	2
EEE	MTech	EEE/Systems, Control and Automation	11	4	1	3	2	1
ME	MTech	ME/Aerodynamics and Propulsion	12	5	1	3	2	1
ME	MTech	ME/Computational Mechanics	12	5	1	3	2	1
ME	MTech	ME/Manufacturing Science and Engineering	30	12	3	8	5	2
ME	MTech	ME/Fluids and Thermal Engineering	36	14	4	10	5	3
ME	MTech	ME/Machine Design	41	16	4	12	6	3
CE	MTech	CE/Earth System Science and Engineering	12	5	1	3	2	1
CE	MTech	CE/Environmental Engineering	20	8	2	6	3	1
CE	MTech	CE/Geotechnical Engineering	23	9	2	6	4	2
CE	MTech	CE/Infrastructure Engineering and Management	9	4	1	2	1	1
CE	MTech	CE/Structural Engineering	27	11	3	7	4	2
CE	MTech	CE/Transportation Systems Engineering	19	8	2	5	3	1
CE	MTech	CE/Water Resources Engineering and Management	22	9	2	6	3	2
BSBE	MTech	Biotechnology	44	18	4	12	7	3
BSBE	MTech	Bioengineering	10	4	1	3	1	1
CL	MTech	CL/Materials Science and Technology	30	12	3	8	5	2
CL	MTech	CL/Petroleum Science and Technology	30	12	3	8	5	2
CL	MTech	CL/Computer Aided Process Engineering	15	7	1	4	2	1
HST	MTech	Biomedical Science and Engineering/ Medical Devices and Diagnostics^	20	8	2	6	3	1
ART	MTech	Rural Technology	12	5	1	3	2	1
ICPS	MTech	Robotics and Artificial Intelligence*	20	8	2	5	3	2
Interdiscipli nary	MTech	Data Science	20	8	2	5	3	2
Interdiscipli nary	MTech	Food Science and Technology	5	2	1	1	1	0
DD	MDes	Design	33	13	3	9	5	3
DMR	MS(R)	Disaster Management and Risk Reduction	10	4	1	3	1	1
ESE	MS(R)	Energy Science and Engineering	18	7	2	5	3	1
Interdiscipli nary	MS(R)	E-Mobility**	10	4	1	3	1	1

Dept Code	Programme	Discipline/Specialization	Total	OPEN	GEN-EWS	OBC-NCL	SC	ST
HSS	MA	Development Studies	60	24	6	16	9	5
HSS	MA	Liberal Arts	30	12	3	8	5	2
MA	MSc	Mathematics and Computing	60	24	6	16	9	5
CH	MSc	Chemistry	60	25	6	16	9	4
PH	MSc	Physics	60	24	6	16	9	5
CSE	PhD		30	12	3	8	5	2
CSE	MTech+PhD		10	4	1	3	1	1
EEE	PhD		51	21	5	14	7	4
EEE	MS(Eng)+PhD		10	4	1	3	1	1
ME	PhD		48	19	5	13	7	4
CE	PhD		53	22	5	14	8	4
DD	PhD		18	7	2	5	3	1
BSBE	PhD		38	15	4	10	6	3
CL	PhD		36	15	3	10	5	3
PH	PhD		42	17	4	12	6	3
CH	PhD		40	16	4	11	6	3
MA	PhD		42	17	4	12	6	3
HSS	PhD		35	14	4	9	5	3
ART	PhD		10	4	1	3	1	1
BM	PhD		10	4	1	3	1	1
ESE	PhD		11	4	1	3	2	1
HST	PhD		10	4	1	3	1	1
MFSDSAI	PhD		10	4	1	3	1	1
DMR	PhD		10	4	1	3	1	1
Env	PhD		11	4	1	3	2	1
ICPS	PhD ^{^^}		20	8	2	5	3	2
IKS	PhD		10	4	1	3	1	1
LST	PhD		10	4	1	3	1	1
Nano	PhD		11	4	1	3	2	1
SP	PhD		10	4	1	3	1	1

*Additional 20 seats for industry sponsored candidates

**Additional 10 seats for industry sponsored candidates

[^]BoG approval is awaited

^{^^}Project Mode Seats

5% of the total seats are reserved for PWD candidates

The candidates under non-regular category can occupy a maximum of 10% seats

Recommendations of the Committee constituted for various matters related to PhD programme

(Refer to the Annexure for the Committee Formation Notice and Terms of Reference)

I. AWARDING MASTER'S DEGREE FOR PHD STUDENTS ADMITTED WITH UG DEGREE

The Institute may make provision for awarding Master's + PhD dual degree for students admitted into PhD programme with the qualification BTech/BDes/BE/MBBS/BPharm/BVSc, etc. as per the following:

1. The departments/schools/centres may design curriculum for the course work of the students opting for Master's + PhD degree. The requirements for the course work will be a minimum 12 PG level courses with minimum aggregate of 72 credits spanning over three semesters. In each semester, there should be at least four courses with a minimum aggregate of 24 credits. The Master's degree shall be named amongst MTech/MDes/MS as deemed fit, depending on the disciplines of research. Depending on the disciplines/streams, a department/school/centre can make multiple proposals to the Senate, say, MS in Mathematics, MTech in Computing, etc. The maximum duration of the dual degree programme is seven years from the date of admission.
2. The students admitted in the PhD programme will have an option to choose Master's + PhD dual degree only at the time of admission. Otherwise, they will be considered only for PhD degree. The option of dual degree will be available only to those students starting the coursework in July semester.
3. The students opted for Master's + PhD degree shall do the course work as per the approved curriculum. Except the quantum of the course work, they should follow the existing rules of PhD Ordinance.
4. Awarding Master's degree only: This is not the objective of the proposal and hence this option is invoked only in the rarest of rare cases. After successful completion of the course work, comprehensive examination and SOAS by the student, should the DC feel that the progress of the student is not satisfactory at the time of first annual progress review, the DC may recommend for submission of Master's thesis suggesting the volume of work to be completed for the Master's degree. The student will submit Master's thesis and defend the same. The procedure for the submission of Master's thesis and conduct of oral examination are as per relevant Clauses of MTech/MDes/MS Ordinances. In that case, the student will receive only the Master's degree as per the enrolment.

II. ADMITTING TO PHD PROGRAMME UNDER REGULAR CATEGORY

In addition to the prescribed MEQ for the respective disciplines, the candidates (Indian nationals) must have one of the following listed qualifications for admission under the regular category for availing respective fellowships/assistantships:

A. For Institute Assistantship:

1. Valid GATE/CEED Score.
2. BTech/BDes/MSc/MA/MTech/MDes/MS degree from an IIT with a minimum CPI of 8.0 on 10-point scale.
3. UGC-CSIR-NET (Assistant Professorship) in case of Arts background candidates.
4. MTech/MDes or an equivalent degree (from any Institute) and having qualified GATE/CEED at some point of time (need not be valid at the time of admission).

B. For Fellowships from External Agencies:

1. NET JRF/SRF
 - a. CSIR
 - b. UGC
 - c. DST
 - d. DBT
 - e. ICMR
 - f. ICAR
2. NBHM Doctoral Scholarship
3. DAE Graduate Fellowships Scheme (DGFS)
4. UGC Rajiv Gandhi National Fellowship (UGC RGNF) Scholarship Scheme
5. PMRF

The candidates qualified for INSPIRE Fellowship shall be admitted in self-financed category only. As and when the fellowship is awarded, they will be converted to the regular category from the "Effective Date" of fellowship.

III. CATEGORY CONVERSION AND CHANGE OF FELLOWSHIP

1. The students admitted under non-regular categories will not be permitted to convert to regular category for availing the Institute Assistantship at any point of time. However, if they qualify for the fellowship/assistantship of external agencies (refer **II.B**, above), they may be permitted to convert to regular category for availing the fellowship/assistantship from the external funding agency.
2. To ensure the eligibility for implementation of point (1) above, the admissions into non-regular categories should be done as per the following:
 - a. The shortlisting criteria for non-regular categories should not be lower than the criteria used for regular category candidates, except the criteria on the national level examinations.
 - b. The selection criteria should be the same for both regular and non-regular categories.
3. In addition to INSPIRE fellows, the admissions under self-financed category should be restricted to the accomplished working professionals only.
4. A student availing the Institute Assistantship shall be allowed to avail the fellowship/assistantship of external agencies. Among such students, only those who were allowed to avail any higher value fellowships for lesser duration (than five years) may be permitted to return back to avail the Institute Assistantship for the remaining period. Such return to the Institute Assistantship shall be permitted only once.
5. The students admitted under regular category with fellowship/assistantship from an external agency will not be allowed for conversion to the Institute Assistantship at any point of time.

IV. PERIOD OF ASSISTANTSHIP AND DEDUCTIONS

Period:

1. The students admitted under regular category can avail the respective fellowship/assistantship, as per the norms of the respective funding agency. Currently, most of the funding agencies are awarding the fellowships for a maximum period of five years duration (from all sources) from the date of admission.
2. In case of Institute Assistantship, the period will be five years from the date of admission or the date of viva-voce, whichever is earlier. Currently, there is no provision for registration to the semester after submission of the thesis. However, to avail the assistantship till viva-voce as per above, such students may be permitted for semester registration.

Payment and Deductions:

3. Student performance on "Academic and Research " as well as "Teaching Assistantship (TA)" has to be evaluated and accounted for continuation of Assistantship.
4. The concerned department/centre/school of the student provides performance on TA duties on monthly basis. If performance in TA duties is found to be not satisfactory, student will receive half of the Assistantship amount for the month.
5. Concerning the non-satisfactory performance on the grounds of academic and research, the following deductions of Assistantship are applicable:

During Course work of PhD Students	
Grounds	Percentage of Deductions
CPI < 6 at the end of 1 st Semester	100% from the date of declaration of the result
6 ≤ CPI < 6.5 at the end of 1 st Semester	50% until the student secures the CPI of 6.5, as per the dates of declaration of the results
CPI < 6.5 at the end of 2 nd Semester	100% from the date of declaration of the result

During Course work of MS(Eng)+PhD (EEE) Students	
Grounds	Percentage of Deductions
CPI < 6 at the end of 1 st Semester/2 nd Semester	100% from the date of declaration of the result
6 ≤ CPI < 6.5 at the end of 1 st Semester/ 2 nd semester	50% until the student secures the CPI of 6.5, as per the dates of declaration of the results
CPI < 6.5 at the end of 3 rd semester	100% from the date of declaration of the result

During Course work of MTech+PhD (CSE) Students	
Grounds	Percentage of Deductions
CPI < 5.5 at the end of 1 st Semester/2 nd Semester	100% from the date of declaration of the result
5.5 ≤ CPI < 6 at the end of 1 st Semester/2 nd semester	50% until the student secures the CPI of 6, as per the dates of declaration of the results
CPI < 6 at the end of 3 rd semester	100% from the date of declaration of the result

For All Students	
Grounds	Percentage of Deductions
Failure in Comprehensive Examination in the 2 nd Attempt	100% from the date of approval
Unsatisfactory SoAS*	At least 50% from the date of approval for a maximum period of three months
Unsatisfactory Annual Progress Review*	At least 50% from the date of approval for a maximum period of six months

*A higher quantum of deduction can be recommended by the Doctoral Committee.

Note: In the above, 100% deductions are suggested as those matters correspond to termination from the programme.

6. In case a student is terminated on the academic grounds and reinstated subsequently, the Assistantship will be resumed only after successful completion/meeting the requirement.
7. In case the Assistantship is deducted due to unsatisfactory performance of SoAS or APR, the full Assistantship shall be resumed from the date of approval of subsequent satisfactory performance. However, if SoAS is not held within three months or APR is not held within six months, or the subsequent performance is unsatisfactory, the Assistantship shall not be paid from the respective dates.
8. As per the PhD Ordinance, if a student's performance is unsatisfactory in SOAS, the student has to deliver another SoAS within one month. However, it is suggested to revise this time frame to three months.
9. The academic requirements (course work, comprehensive examination, SoAS, APR) are not held/completed within the stipulated timeframe given in the ordinances, the Assistantship shall not be paid from the respective dates.
10. In all cases, the students will not be paid back the assistantship deductions.

ANNEXURE-16

EXCERPT OF THE 160TH MINUTES OF THE SENATE HELD ON 10.03.2022

Item 7: To consider the report of the committee constituted for looking into various matters related to PhD Programme.

The Senate found that as per resolution R.153/16(b)/2021 of the Senate, the Chairman, Senate constituted a committee with the following members vide notice no. IITG/Acad/Senate/2021 dated 14.06.2021 (**Annexure 160/7A, Page No. 16**) to study the matter of awarding Master's degree to the students admitted in PhD programme with undergraduate degree and the matters related to assistantship to the PhD students and submit its recommendations to the Senate:

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Prof. Sukumar Nandi, Dept of CSE – Convener
Prof. Pranab Goswami, Dept of BSBE – Member
Prof. N. Selvaraju, Dept of Mathematics – Member

Accordingly, the committee submitted a report containing its recommendations as placed at **Annexure 160/7B (Page No. 17-21)**. The Senate noted that the committee's recommendations had been circulated among all faculty members for feedback. The feedback received is placed at **Annexure 160/7C (Page No. 22-23)**. Prof. K. V. Krishna, ADoAA (PG), made a presentation on the report of the committee to the Senate highlighting the following:

1. **Master's Degree:** The departments/schools/centres may propose curriculum for the course work with at least 12 PG level courses and a minimum aggregate of 72 credits over three semesters for Ph.D students (starting the courses work in July session) with undergraduate degree to earn Master's degree in M.Tech/M.Des/M.S depending on the discipline of research. The committee recommended modalities were aligned to the Dual Degree Ordinances of the Institute.
2. **Regular Category Admission:** The committee recommended an exhaustive list of eligibility requirements for admitting Ph.D students in Regular category with Institute Assistantship and also separately for Assistantship from External Funding Agencies funded by the Government. Further, the committee recommended that the candidates qualified for INSPIRE Fellowship would be admitted in Self-Financed category and would be converted to the Regular category upon award of the fellowship.
3. **No Change to Institute Assistantship:** The committee recommended that any student who was not availing the Institute Assistantship at the time of admission, whatsoever might be the reason, would not be permitted to change to Institute Assistantship. Such student may avail the Assistantship from external funding agencies. To ensure the eligibility for conversion, it was further recommended that the shortlisting/selection criteria for non-regular categories would not be lower than those of regular category and the self-financed category would be restricted to accomplished working professionals only.
4. **Period of Assistantship:** While the norms of availing Assistantship shall be as per the respective funding agency, it was recommended that the period of Institute Assistantship would be five years from the date of admission or up to the date of viva-voce, whichever was earlier. Currently, there is no provision in the Ordinance for registration to the semester after submission of the thesis. However, to avail the Assistantship till the date of viva-voce, the committee recommended that only such students might be permitted for semester registration.

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5. **Payment of Assistantship** shall be based on the student's performance in academics and research, as well as the TA duties assigned. If the performance in the TA duties is not satisfactory, 50% deduction in the Assistantship will be applicable.
6. If the academic requirements (course work, comprehensive examination, SoAS, APR) are not held/completed satisfactorily within the stipulated timeframe given in the ordinances, the Assistantship shall not be paid from the respective dates. In case the SoAS/APR is unsatisfactory, at least 50% deduction in the Assistantship for 3 months/6 months is recommended.
7. **Timeframe for Repetition of SoAS:** As per the PhD Ordinance, if a student's performance is unsatisfactory in SOAS, the student has to deliver another SoAS within one month. However, it was recommended to revise this timeframe to three months.
8. **Assistantship during Coursework:** It is noted that the CPI requirement for the coursework is 6.5 for PhD and Dual Degree in EEE, and it is 6 in case of Dual Degree in CSE. The committee recommended for 0.5 relaxation for continuation in the Dual Degree programme till the end of the stipulated period prescribed in the Ordinances. However, the committee recommended 50% deduction in the Assistantship if a student secures CPI between 6.0 - 6.5 in case of PhD and Dual Degree in EEE, and CPI between 5.5 - 6.0 in case of Dual Degree in CSE.
9. The committee recommended 100% deduction in the Assistantship where the matters correspond to the termination from the programme. In case a student is terminated on the academic grounds and reinstated subsequently, the Assistantship will be resumed only after successful completion/meeting the requirement. In all cases, the students will not be paid back the assistantship deductions.

Considering the recommendations of the committee and the feedback received thereof, the Senate deliberated the matter at length. The Senate appreciated the positive recommendations made by the committee to help the students and to maintain the quality at the same time. Particularly, the Senate noted that, currently, if the student performance in TA duties/SoAS/APR was unsatisfactory, the Assistantship was completely stopped. However, by distinguishing TA duties and academic performance, the committee recommended for partial payment of Assistantship.

The Senate observed the prevailing norms or the rules as per Ordinances vis-à-vis the committee's recommendations in above mentioned points, viz., 3. No Change to Institute Assistantship, 4. Period of Assistantship, 7. Timeframe for Repetition of SoAS, and the relaxation of 0.5 CPI for Dual Degree students during their coursework (as mentioned in 8 above), and accepted them for amendments to the respective Ordinances.

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Approving the report of the committee as a whole, upon due deliberation, the Senate opined the following:

- i. Maintaining a minimum of 72 credits for coursework, the departments/schools/centres may propose the number of courses for the proposed Master's Degree in (1) above. Further, the flexibility of offering the Dual Degree coursework for the students admitted in December session is left to departments/schools/centres, while submitting the proposal.
- ii. Admission to self-financed category shall not be for fresh graduates but for those who would like to join PhD after gaining certain experience in a profession. However, accomplishments of such professionals need to be quantified.
- iii. For Fellowships/Assistantships available from any other Government agencies to support PhD students on regular basis, such fellowships will be included in the list of external agencies.

The Senate further noted that there was no provision to avail regular Assistantships from two funding agencies as a top-up of the other. Accordingly, the Senate approved the matter and recommended to place to the BoG for consideration.

R.160/7/2022: The Senate **RESOLVED** that the report of the committee constituted for looking into various matters related to PhD Programme be **APPROVED** and **RECOMMENDED** to be placed to the BOG.

ANNEXURE-17



भारतीय प्रौद्योगिकी संस्थान गुवाहाटी
INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI
Mehta Family School of Data Science and Artificial Intelligence

Annexure 160/10

को प्राप्त हुआ / Received on 22/02/2022
विभाग / Academic Affairs Section
आई आई टी गुवाहाटी / IIT Guwahati
Guwahati-39


NOTE SHEET
First page

File Ref: IITG/MFS/110/2021-22/234

Date: 21.02.2022

The Mehta Family School of Data Science and Artificial Intelligence (MFSDSAI) started the B.Tech. (Data Science and Artificial Intelligence) programme, from the academic year 2021-22, with the approved intake of 20 (twenty) students. These 20 (twenty) seats allocated for the programme, have all been filled up.

As per Clause 11 (Table 2) of the Memorandum-of-Understanding (MoU) with the Mehta Family Foundation (MFF), for the academic year 2022-23, a total of 30 (thirty) students are to be admitted to this programme. In light of this, and given that all the allocated seats were filled in the last academic year (2021-22), it is requested that the number of allocated seats be increased to 30 (thirty) for the B.Tech. (Data Science and Artificial Intelligence) batch to be admitted in the academic year 2022-23. Further, it is also requested that this proposal may please be placed before the Senate for approval.


Head, Mehta Family School of DS&AI
RB.

→Dean(Acad.)

For placing in the next Senate meeting.
Olchanta
22/2/2022



**Memorandum of Understanding between the
Mehta Family Foundation and *IIT Guwahati*
 for the establishment of the
*Mehta Family School of Data Science and
 Artificial Intelligence***

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Table 6: Expense Based Payments	16



11 Degree Program Expansion

An objective of the *Mehta Family Foundation* is to increase the number of student degrees awarded annually by the *School*. The following table outlines the planned number of admissions for various non-minor degrees awarded annually. Each of the annual *School's* review meetings will include a comparison to actuals over the indicated period. The *School* will strive to maintain a minimum graduation rate of 90% of the admissions within one year of the nominal duration of the degree program.

Table 2: Number of Admissions

Degree	Number of Admissions Each Year							
	2020	2021	2022	2023	2024	2025	2026	2027
B.S.		20	30	30	40	50	50	60
M.S. / M. Tech.				20	20	20	20	30
Ph.D.		5	5	10	15	15	20	20

ANNEXURE-18

Annexure 160/6

**Department of Electronics and Electrical Engineering
Indian Institute of Technology Guwahati**

**Proposal for revising MTech in RF and Photonics to M.Tech. in
Microelectronics, Photonics and RF Engineering**

Reason for Revision: The previous course structure was proposed 8 years back. Since then, there has been a tremendous change in the fields of photonics, microelectronics and RF engineering. Their application areas have broadened and newer technologies are being developed at rapid pace. As such, upgrading the course structure is of paramount importance. The revised structure includes two new laboratories in addition to upgraded syllabi. This was done considering the requirements of industry 4.0 and NEP 2020.

Name of Faculty Members:

Dr. Ratnajit Bhattacharjee
Dr. Arun Tej M
Dr. Kshetrimayum Rakhesh Singh
Dr. Ravindra Kumar Jha
Dr. Ramesh Kumar Sonkar
Dr. Harshal B Nemade
Dr. Roy P Paily
Dr. S. R. Ahamed
Dr. Debabrata Sikdar
Dr. Rishikesh Dilip Kulkarni
Dr. Mahima Arrawatia
Dr. Gaurav Trivedi
Dr. Ashwini Sawant
Dr. Anirban Dasgupta

In this regard, the following revisions are proposed in the M Tech programme in RF and Photonics.

1. Name of the programme is updated to “Microelectronics, Photonics and RF Engineering”
2. The existing and revised course structures are given in Annexures I and II, respectively. The major changes are:
 - a. Following courses are added to the course structure:
 - i. EE510: Semiconductor Device Modelling
 - ii. EE5xx: Photonics Devices
 - iii. EE5xx: Photonic and Microelectronics Laboratory
 - iv. EE512: Analog IC Design
 - v. EE5xx: RF Laboratory
 - vi. EE5xx: Photonics Integrated Circuits

- b. Following courses are excluded from the course structure
 - i. EE545: Fiber Optic System
 - ii. EE546: Optical Systems Laboratory
 - iii. EE541: Antennas, RF and Microwave Laboratory
 - iv. EE543: Computational Electromagnetics
 - v. EE544: Photonics Devices and Circuits
 - c. Following course is shifted from first semester to second semester
 - i. EE540: Advance Electromagnetic Theory & Antennas
3. Total number of credits in first semester are increased from 33 to 34.
 4. The eligibility criteria for admission will remain same as that of M Tech in RF and Photonic programme.

The proposal is being submitted through proper channel for approval of IPPC and Senate. For new course proposals which are part of the revised M Tech programme are also attached along with this proposal.

Annexure I

Existing course structure of M Tech in RF and Photonics

Semester I			
Code	Course Name	L-T-P	Credits
EE540	Advance Electromagnetic Theory & Antennas	3-0-0	6
EE542	RF Circuits and Systems	3-0-0	6
EE545	Fiber Optic System	3-0-0	6
EE546	Optical Systems Laboratory	0-0-3	3
EE6/7xx/PH xxx	Elective I	3-0-0	6
EE6/7xx	Elective II	3-0-0	6
Total credits		15-0-3	33
Semester II			
Code	Course Name	L-T-P	Credits
EE541	Antennas, RF and Microwave Laboratory	0-0-3	3
EE543	Computational Electromagnetics	3-0-0	6
EE544	Photonics Devices and Circuits	3-0-0	6
EE6/7xx/PH xxx	Elective III	3-0-0	6
EE6/7xx	Elective IV	3-0-0	6
EE5/6/7xx	Elective V	3-0-0	6
Total credits		15-0-3	33
Semester III			
Code	Course Name	L-T-P	Credits
EE698	Project Phase-I	0-0-24	24
Semester IV			
Code	Course Name	L-T-P	Credits
EE699	Project Phase-II	0-0-24	24

Annexure II

Revised course structure of M Tech in Microelectronics, Photonics and RF Engineering

Semester I			
Code	Course Name	L-T-P	Credits
EE510	Semiconductor Device Modelling	3-0-0	6
EE542	RF Circuits and Systems	3-0-0	6
EE5xx	Photonics Devices	3-0-0	6
EE5xx	Photonic and Microelectronics Laboratory	0-0-4	4
EE5/6/7xx	Elective I	3-0-0	6
EE5/6/7xx	Elective II	3-0-0	6
		15-0-3	34
Semester II			
Code	Course Name	L-T-P	Credits
EE512	Analog IC Design	3-0-0	6
EE540	Advanced Electromagnetic Theory and Antennas	3-0-0	6
EE5xx	RF Laboratory	0-0-3	3
EE5xx	Photonics Integrated Circuits	3-0-0	6
EE5/6/7xx	Elective III	3-0-0	6
EE5/6/7xx	Elective IV	3-0-0	6
Total credits		15-0-3	33
Semester III			
Code	Course Name	L-T-P	Credits
EE698	Project Phase-I	0-0-24	24
Semester IV			
Code	Course Name	L-T-P	Credits
EE699	Project Phase-II	0-0-24	24

List of relevant electives:

EE644	Plasmonic, nanophotonic and metamaterials	3-0-0	6
EE514	Digital IC Design (Semester I)	3-0-0	6
EE516	VLSI DSP (Semester II)	3-0-0	6
EE515	VLSI System Design (Semester II)	3-0-0	6
EE646	Optical measurement techniques and applications	3-0-0	6
EE613	Radio Frequency Integrated Circuits	3-0-0	6
EE611	Organic Semiconductor Devices	3-0-0	6
EE610	Fundamentals of VLSI CAD	3-0-0	6
EE643	Silicon Photonics	3-0-0	6
EE6xx	Microsensors and Nanosensors	3-0-0	6
EE543	Computational Electromagnetics	3-0-0	6
EE634	MIMO Wireless Communications: Fundamentals and Advances	3-0-0	6
EE612	VLSI DSP	3-0-0	6
EE640	Modelling & Simulation of Advanced Nanoscale Devices	3-0-0	6

Indian Institute of Technology Guwahati
Proposal for a New Course

Course Number & Title: EE 5xx & Photonic Integrated Circuits	
L-T-P-C: 3-0-0-6	
Type of Letter Grading (Regular Letter Grades / PP or NP Letter Grades): Regular Letter Grades	
Kind of Proposal (New Course / Revision of Existing Course): New Course	
Offered as (Compulsory / Elective): Compulsory	
Offered to: M.Tech., and PhD Students	
Offered in (Odd/ Even / Any): Even	
Offered by (Name of Department/ Center): EEE	
Pre-Requisites: Basic course on semiconductor devices (i.e. EE203 Semiconductor Devices or equivalent)	
Preamble / Objectives (Optional): Photonic Integrated Circuits offer numerous advantages over conventional circuits including higher speed, greater bandwidth, and lower energy loss. Photonic integrated circuits are faster and more efficient than conventional circuits. Electrons are sluggish and interfere with each other, limiting the speed of conventional circuits. Hybrid technologies utilizing both PICs and ICs as well as purely photonic circuits are advancing technology and science past the electronics age and into the future, pushing the boundaries of what is possible for telecommunications, computing, defense, and consumer technology. Integrated photonics use light instead of electricity for computing and signal processing.	
Course Content/ Syllabus: Overview of optoelectronic devices; integrated photonic devices – couplers, gratings, modulators; electro-optic and nonlinear effects; Dielectric waveguides, perturbation and coupled mode theory, Photonic crystals, metamaterials, Integrated optics and photonic integrated circuits, integrated photonic transceivers, Integrated optical interconnects; Application of photonics;	
Texts/References: (Format: Authors, <i>Book Title in Italics font</i> , Volume/Series, Edition Number, Publisher, Year.)	
1.	Richard Osgood jr.Xiang Meng, Principles of Photonic Integrated Circuits, Springer Nature, 2021
2.	Larry A. Coldren, Scott W. Corzine, Milan L. Mašanović, <i>Diode Lasers and Photonic Integrated Circuits</i> , Wiley Series in Microwave, 2012
3.	William S. C. Chang, Fundamentals of Guided-Wave Optoelectronic Devices, Cambridge University Press, 2011
4.	Pallab Bhattacharya, Semiconductor Optoelectronics Devices, 2nd Edition, PHI, 2009.
5.	B. Saleh, M. Teich, Fundamentals of Photonics, Wiley-Interscience, 2nd edition, 2007
6.	Amnov Yariv and Pochi Yeh, Photonics, 6th ed, Oxford, 2007.
7.	C. R. Pollock and M. Lip Son, Integrated Photonics, Kluwer Pub., 2003
8.	Ginés Lifante, "Integrated Photonics: Fundamentals," John Wiley & Sons, Ltd, 2003

Indian Institute of Technology Guwahati
Proposal for a New Course

Course Number & Title: EE 5xx & Photonics Devices	
L-T-P-C: 3-0-0-6	
Type of Letter Grading (Regular Letter Grades / PP or NP Letter Grades): Regular Letter Grades	
Kind of Proposal (New Course / Revision of Existing Course): New Course	
Offered as (Compulsory / Elective): Compulsory	
Offered to: M.Tech., and PhD Students	
Offered in (Odd/ Even / Any): Odd	
Offered by (Name of Department/ Center): EEE	
Pre-Requisites: Basic course on semiconductors devices (i.e. EE203 Semiconductor Devices or equivalent)	
Preamble / Objectives (Optional): To learn the various photonic source materials, LED structures, quantum efficiency, Laser diodes and different fiber amplifiers. To learn the photonic receivers such as PIN APD diodes, noise performance in photo detector, receiver operation and configuration. To learn the basic elements of optical fiber transmission link, fiber modes configurations and structures. To understand the different kind of losses, signal distortion in optical wave guides and other signal degradation factors.	
Course Content/ Syllabus: Review of semiconductor physics - radiative recombination; LEDs, optical cavity, DH and other lasers; Photodetectors; detector noise; Optical fibers - ray and mode theories, multimode and single-mode fibers, attenuation, dispersion; Photonic sensors; Optical Amplifiers	
Texts/References: (Format: Authors, <i>Book Title in Italics font</i> , Volume/Series, Edition Number, Publisher, Year.)	
1.	Jasprit Singh, <i>Semiconductor Optoelectronics: Physics and Technology</i> , McGraw Hill Education, First edition, 2019
2.	Rongqing Hui, <i>Introduction to Fiber-Optic Communications</i> , Elsevier, 2020
3.	S O Kasap, <i>Optoelectronics and Photonics: Principles and Practices</i> , International Edition, Pearson Prentice Hall, 2013
4.	Govind P. Agrawal, <i>Fiber-Optic Communication Systems</i> , John Wiley & Sons, 5th Edition, 2021
5.	Bishnu P Pal, <i>Fundamentals of Fibre Optics in Telecommunication and Sensor Systems</i> , New Age International Publishers, 2015
6.	Shyamal Bhadra and Ajoy Ghatak, <i>Guided Wave Optics and Photonic Devices</i> , CRC Press, 1st edition, 2013.
7.	Joseph C Palais, <i>Fiber Optic Communication</i> , Pearson Prentice Hall, 2013
8.	J M Senior, <i>Optical Fiber Communications: Principles and Practice</i> , Pearson 2011
9.	William S. C. Chang, <i>Fundamentals of Guided-Wave Optoelectronic Devices</i> , Cambridge University Press, 2011

Indian Institute of Technology Guwahati
Proposal for a New Course

Course Number & Title: EE 5xx & Photonic and Microelectronics Laboratory	
L-T-P-C: 0-0-4-4	
Type of Letter Grading (Regular Letter Grades / PP or NP Letter Grades): Regular Letter Grades	
Kind of Proposal (New Course / Revision of Existing Course): New Course	
Offered as (Compulsory / Elective): Compulsory	
Offered to: M.Tech., and PhD Students	
Offered in (Odd/ Even / Any): Odd	
Offered by (Name of Department/ Center): EEE	
Pre-Requisites: Basic course on semiconductor devices (i.e. EE203 Semiconductor Devices or equivalent)	
Preamble / Objectives (Optional): The primary goal of this laboratory course is to understand and analyse photonic and micro electronic device concepts that allow new capability for health, renewable energy, optical communications, optoelectronics, and sensing applications. This involves theoretical investigation of advanced optoelectronics and optical techniques, experimental demonstration of new concepts, and development of instruments and systems using new optoelectronics and optical capabilities.	
Course Content/ Syllabus: Experimental Characterization of Low Loss Semiconductor/Dielectric Waveguides and Interconnects, Optoelectronic device simulation and fabrications: Photonics-based Sensors, Photonics-based Metrology and Instrumentation, Photonic Integrated Circuits, Nano and Micro Opto-Electro-Mechanical Systems (NOEMS/MOEMS), Semiconductor Lasers, Modulators, and Detectors	
Texts/References: (Format: Authors, <i>Book Title in Italics font</i> , Volume/Series, Edition Number, Publisher, Year.)	
1.	Govind P. Agrawal, <i>Fiber-Optic Communication Systems</i> , 5th Edition, John Wiley & Sons, 2021
2.	E. Fiore, <i>Laboratory Manual for Semiconductor Devices: Theory and Application</i> . 2018
3.	K. Schroder, <i>Semiconductor Material and Device Characterization</i> , 3rd Edition. Wiley, 2015
4.	S O Kasap, <i>Optoelectronics and Photonics: Principles and Practices</i> , International Edition, Pearson Prentice Hall, 2013
5.	A. Campbell, <i>The Science and Engineering of Microelectronic Fabrication</i> , 2nd Edition. Oxford Press, 2012
6.	J M Senior, <i>Optical Fiber Communications: Principles and Practice</i> , Pearson 2011.
7.	J B. Saleh, M. Teich, <i>Fundamentals of Photonics</i> , Wiley-Interscience, 2nd edition, 2007
8.	Gerd Keiser, <i>Optical Communications Essentials</i> , Mc Graw Hill 2003

Indian Institute of Technology Guwahati
Proposal for a New Course

Course Number & Title: EE 5xx & RF Laboratory	
L-T-P-C: 0-0-3-3	
Type of Letter Grading (Regular Letter Grades / PP or NP Letter Grades): Regular Letter Grades	
Kind of Proposal (New Course / Revision of Existing Course): New Course	
Offered as (Compulsory / Elective): Compulsory	
Offered to: M.Tech., and PhD Students	
Offered in (Odd/ Even / Any): Even	
Offered by (Name of Department/ Center): EEE	
Pre-Requisites: Basic course on EM Theory (i.e. EE340 Electromagnetic Theory or equivalent)	
Preamble / Objectives (Optional): Students will learn to simulate and design RF and Microwave circuits, then fabricate, measure, and evaluate their prototype using modern laboratory instruments, which are similar to instruments presently being used by engineers in industry. Students will use ADS (Advanced Design System) or HFSS (High Frequency Structure Simulator) to simulate, verify, and optimize their design.	
Course Content/ Syllabus: Basic RF Measurements; passive and active RF microelectronic circuit characterization using network analyser, spectrum analyser and noise figure meter; PC based automated measurements on RF circuit and antennas, Design and validation of selected RF microelectronic circuit	
Texts/References: (Format: Authors, <i>Book Title in Italics font</i> , Volume/Series, Edition Number, Publisher, Year.)	
1.	R. J. Marhefka, A. S. Khan, J. D. Kraus, "Antennas and Wave Propagation", 5th Edition, Tata McGraw - Hill Education 2017.
2.	C. A. Balanis, "Antenna Theory: Analysis and Design," 4th Edition, John Wiley & Sons, 2016.
3.	N. B. Carvalho and D. Schreurs, "Microwave and Wireless Measurement Techniques," Cambridge University Press, November 2013
4.	G. H. Bryant, "Principles of Microwave Measurements," IEE Electrical Measurement Series 5, January 1993.
5.	Bishnu P Pal, <i>Fundamentals of Fibre Optics in Telecommunication and Sensor Systems</i> , New Age International Publishers, 2015
6.	Behzad Razavi, RF Microelectronics, 2nd Edition, Pearson, 2012.



भारतीय प्रौद्योगिकी संस्थान गुवाहाटी
INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI

Guwahati, Assam, India, PIN – 781 039

Phone No. 0361-2690761

Notification No: IITG/legal/2022/01

Date:- 23.03.2022

NOTICE INVITING APPLICATION FOR EMPANELMENT OF LAW FIRM OR A GROUP OF ADVOCATES

Indian Institute of Technology Guwahati, incorporated under the Indian Institute of Technology (Amendment) Act, 1994 (35 of 1994) is an autonomous body under Ministry of HRD. Indian Institute of Technology Guwahati is a premier institute of higher education which was established in 1994 in Guwahati. It is governed by the Institutes of Technology Act, 1961 which have declared IITs as institutions of national importance and lays down their powers, duties, and framework for governance etc. The Institutes of Technology Act, 1961 lists twenty-three institutes (after the last amendment in 2016).

Applications are invited from eligible Law Firms / Groups of Advocates for empanelment to represent IIT Guwahati before different Courts of Law and provide legal advices in administrative matters.

GUIDELINES FOR EMPANELMENT OF LAW FIRM OR A GROUP OF ADVOCATES

Before filling the application form given in **ANNEXURE-I**, the Law Firms / Groups of Advocates are advised to carefully read and follow the eligibility criteria, instructions and terms & conditions for empanelment of Advocates in IIT Guwahati as mentioned herein below:

Eligibility of Empanelment

- a) Bachelor degree in Law from a recognized University and registration with Bar Council of India for all the advocates associated with a Law Firm or a Group.

- b) There should be minimum three associate advocates in case a Law Firm and similarly in case of the Group of advocates
- c) Senior Advocate of the Law Firm or the senior Advocate from the Group of Advocates should have a minimum, relevant experience of fifteen years of handling civil/criminal/service/IPR/land related matters/quasi-judicial forums like consumer forums, arbitral tribunals etc.
- d) All the advocates associated with a Law Firm or a Group should have good communication/drafting skills in English and good knowledge of law and procedure, in civil and criminal matters.
- e) The Law Firms / Groups of Advocates should be familiar with various branches of law especially those concerning laws of matters related to various writs, PIL, Land Disputes/Constitutional/ Service Law/Contract Law/ Property Laws and Taxations/IPR/consumer forum etc.
- f) Preference will be given to Law Firms / Groups of Advocates who have dealt earlier with Government Funded Educational Institutes / Government Funded Higher Education Institutes / Universities / Government Department cases (writ petitions / appeals) in Hon'ble Supreme Court / Hon'ble High Court and Hon'ble District Courts.
- g) The Law Firms / Groups of Advocates should be well conversant with Prevention of Corruption Act, Central Vigilance Commission Act, Indian Penal Code, RTI Act etc. and Procedural Codes.

Tenure of Empanelment:-

The initial empanelment will be for **one year**. Performance of empanelled of Law Firm / Group of Advocates shall be reviewed periodically or on annual basis. However, on completion of the term and satisfactory performance, the empanelment may be extended from year to year. IIT Guwahati reserves the right to terminate the empanelment at any time without assigning any reason thereof.

Payment of Fee and Other Conditions:

- a) The fees payable to the empanelled Law Firm / Group of Advocates are as per approved fee structure of IIT Guwahati which is given as **Annexure - II**.

- b) No retaing fee shall be paid to any Law Firm / Group of Advocates merely because such Advocate has been empanelled.

Procedure for Empanelment:

The empanelment of the Law Firm / Group of Advocates will only be based on merit. For this purpose, the applications received shall be scrutinized by IIT Guwahati. The final selection will be made based on interview/interaction or any other criteria as fixed/deem fit by the Authority of the Institute.

Duties/ General instruction to the Empanelled Law Firm / Group of Advocates:

- a) The Law Firm / Group of Advocates will have to represent IIT Guwahati before the Court in the assigned cases.
- b) Law Firm / Group of Advocates shall visit the Institute at least twice a week, preferably spend 4 to 6 hours. In case of any emergency/ urgent work, the Law Firm / Group of Advocates shall have to visit on Saturdays / Sundays.
- c) Law Firm / Group of Advocates shall not advise any party or accept any case against IIT Guwahati during the period of empanelment.
- d) Timely appearance of the Law Firm / Group of Advocates to contest the cases for IIT Guwahati in the court is a must. Absence in the Court, without any reasonable ground and notice in advance, will not be accepted.
- e) Law Firm / Group of Advocates should handle the cases, which are assigned to them, and appear in such assigned cases in the Courts and should prepare Written Statement, Application, Reply Affidavit etc. as and when required.
- f) IIT Guwahati shall send the information through email regarding assignment of a case and after receiving the e-mail, it is the duty of the Law Firm / Group of Advocates to collect the brief/copy of petition along with assignment letter from the concerned office of IIT Guwahati at the earliest.
- g) Law Firm / Group of Advocates should be able to provide legal opinion to IIT Guwahati, and should also be able to prepare Reply to the Legal notices of the applicants on behalf of IIT Guwahati whenever asked for.

- h) IIT Guwahati is free to engage any advocate of its own choice and the empanelled Law Firm / Group of Advocates shall make no claim that it alone should be entrusted with IIT Guwahati's legal matter (s).
- i) Refusal by the Law Firm / Group of Advocates to accept any work without any reasonable cause (e.g. on grounds of conflict of interest) may entail its removal, forthwith without waiting for the empanelment period to expire.
- j) In order to ensure that there is effective check on the cases being conducted, the Law Firm / Group of Advocates on the panel must report the status of the cases after each date of hearing. Failure to submit status report will be a ground for removal of the Law Firm / Group of Advocates from the panel or non-payment of the charges.
- k) In cases where on the request of the Union of India and Ministry of Human Resource Development have also to be represented, no extra fee shall be paid to watch and safe guard the interests of Union of India and Ministry of Human Resource Development.
- l) Keep IIT Guwahati informed and updated on all-important developments in the designated cases, dates of hearing, order of the court on the date of its pronouncement, supplying copy of orders /judgment etc.
- m) Furnish monthly statement about the cases as represented before the concerned courts or any other authority and their outcomes.
- n) When any case attended is decided against the Organisation, the Law Firm / Group of Advocates concerned must give considered opinion regarding the reasons for such adverse order and the advisability of filling an appeal from such a decision not later than 5 working days of the order.
- o) IIT Guwahati reserves the right to terminate the appointment/empanelment of Law Firm / Group of Advocates with one month's notice in writing without assigning any reason. The Law Firm / Group of Advocates may also resign from IIT Guwahati by serving one month's notice
- p) In the event of any doubt or difference of opinion regarding the terms and conditions of empanelment, the decision of IIT Guwahati shall be final and binding.

Documents required to be submitted by the Advocate:

The Law Firms / Groups of Advocates will be required to submit their Applications in the prescribed format as given in Annexure-I. The self-attested copies of the following documents are required to be submitted with application:

- a) High School certificate in support of age of Advocates from the Law Firm/ Group of Advocates
- b) Certificates in support of educational qualifications of Advocates from the Law Firm/ Group of Advocates
- c) Certificate of Registration with Bar Council for all the Advocates from Law Firm / Group of Advocates.
- d) Documents regarding empanelment with other Organizations, if any.
- e) Details of representing other Govt. / PSU / Statutory Bodies/Universities etc. in courts/forums/tribunals etc., if any.
- f) Details regarding the cases in which the Law Firm / Group of Advocates was able to get favorable outcome/decision which are reported/referred in reputed legal journals etc.
- g) Details of office(s) Infrastructure and number of Associates in addition to office staff.
- h) Other relevant information, if any.

How to Apply:

Eligible practicing Law Firm / Group of Advocates must submit application in the format prescribed in Annexure "I" enclosed herewith, along with all supporting documents in a sealed envelope to:-

Registrar,
Administration Building,
Indian Institute of Technology Guwahati,
Guwahati, Assam, PIN-781 039

The envelope should be super scribed as following:-

**“Application for Empanelment of Law Firm / Group of Advocates to represent IIT
Guwahati before different Courts of Law”**

The last date of receiving Applications in the prescribed format along with supporting
document is XXXXXXXXXXXXXXXXXXXXXXXXXXXX.

ANNEXURE-I

APPLICATION NO. (To be filled by IIT Guwahati)

APPLICATION FORM FOR EMPANELMENT IN IIT Guwahati

(TO BE FILLED BY ALL APPLICANT ADVOCATES INDIVIDUALLY)

To

The Registrar

Indian Institute of Technology Guwahati

FORMAT OF BIO-DATA

1	Name of the Advocate	
2a	(In case of a Law Firm) Name of the Law Firms	
2b	(In case of a Law Firm) Name of the Senor Advocate	
2c	(In case of a Group of Advocates) Name of the Senor Advocate	
3	Date of Birth	
4	Date of Enrolment in the Bar Council	

5	Period of Practice	
6	Details of Experience/Practice (use separate sheets, if required)	
7	Specialization, if any (constitution / taxation / service etc.) the details of a few important cases the advocate has dealt with/handled and reported judgment, if any.	
8	Whether Central/State Govt. Counsel/Pleader (indicate period) (with documentary evidence)	
10	Brief list of clients e.g. Govt./Organization/Institutes or Autonomous body/PSUs (Enclose the documentary evidence)	
11	The Courts where the Advocate is regularly practicing (Enclose copy of Bar Association Member Certificate)	
12	Details of infrastructure such as office premises, number of junior advocates, assistants, clerks, fax, mobile phone, fixed phone and internet connection etc. (Use separate sheets, if required)	
13	Income tax PAN Number (Enclose copy of PAN Card)	

14	A brief note on your suitability for empanelment. (If required please enclosed separate sheet)	
15	Office Address	
16	Residential Address (enclose copy)	
18	3 Years Income Tax Return (Enclose supporting documents)	
19	3 years Audit Reports (in case of firm) (Enclose supporting documents)	

I, declare that I have never been penalized / convicted by any bar Council/Court of Law.

I also undertake to maintain absolute secrecy about the cases that I shall represent on behalf of IIT Guwahati.

I agree with the Fee Scheduled notified by IIT Guwahati.

Place :-

Signature of Advocate

Date:-

Name:-

ANNEXURE - II

Fee Structure Payable to the Firms in different Courts of Law

HIGH COURT CHARGES

S. No	Particulars	Proposed fee to be paid	Fee currently paid to the LR
1.	Drafting of Petition or Counter Affidavit		5000/-
2.	Drafting of Supplementary Affidavit or Rejoinder		5000/-
3.	(a) For all effective hearings/pleadings (b) When the matter is adjourned		25000/- 6250/- (25% of Rs. 25000)
4.	(a) For appearances when assisting Senior Counsel (b) When the case is adjourned		NA

DISTRICT COURTS / LABOUR COURTS/CONSUMER FORUM / TRIBUNALS

S. No	Particulars	Proposed fee to be paid	Fee currently paid to the LR
1.	(a) For all effective hearings/pleadings (b) When the matter is adjourned		25000/- 6250/-
2.	Drafting of Petitions/Written statement/Counter Affidavit		5000/-
3.	Drafting of Supplementary Affidavit / Rejoinder / Miscellaneous Applications		5000/-

MISCELLANEOUS CHARGES

S. No	Particulars	Proposed fee to be paid	Fee currently paid to the LR
1.	For holding conference		2500/- per sitting
2.	Conference charges for briefing the senior counsel, as required.		NA
3.	Drafting /Filing of Caveat Petition		5000/-
4.	For vetting of Agreement/MoU/Lease/ Contract document etc.		4000/-
5.	For every written Legal Opinion/Legal Notice		4000/-

6.	Inspection of files in various Courts/Commissions/Tribunals.		NA
7.	Travelling allowances and other expenses for hearing/ appearances at the Courts/ Tribunals outside the state of Assam		Paid as per the rate approved by the Institute.

SUPREME COURT CHARGES / NATIONAL LEVEL TRIBUNALS

S. No.	Particulars	Proposed fee to be paid	Fee currently paid to the LR
1.	Drafting of Petition or Counter Affidavit		7000/-
2.	Supplementary Affidavit or Rejoinder		7000/-
3.	(a) For all effective hearings/pleadings (b) When the matter is adjourned		25000/-
4.	When Institute Counsel is assisting Senior Counsel/ Advocate on Record (AoR)		Paid as per the rate approved by the Institute.

ANNEXURE-27

INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI

Minutes of the 2nd Meeting for Preparation of Road Map for the
Innovative Faculty Recruitment with Reservation

The Committee, having of the following members, met through online at 3.30 p.m. on 25.12.2021.

1. Prof. T. G. Sitharam, Director, Chairman
2. Padmashri Dr Prahlada Rama Rao, BoG Member
3. Prof. Varadraj B Bapat, BoG Member
4. Prof. Mihir K Purkait, DoAER Member
5. Prof. T Punniyamurthy, DoFA Member

Professor Sitharam welcomed the members and briefed the Establishment of School of Business. Professor Punniyamurthy presented the follow up of the suggestions of the 1st meeting dated June 26, 2021. The progress of the suggestions 1-3 and 5 was noted.

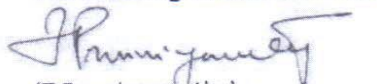
The consideration of the involvement of foreign faculties for 1 or 2 semesters was discussed. Professor Purkait briefed the involvement of 70 foreign faculties (Honorary / Visiting / Adjunct Professors) in regular academic activities and agreed to prepare proposal with FA for the consideration of foreign faculties in teaching for 1 or 2 semesters.

Professor Purkait also mentioned that the pandemic has led some of the present faculties to become less productive, which will be reflected in the future and suggested to bring a mechanism to motivate them to pursue research and take up more project activities. It was decided that a suitable review and support mechanism can be worked by Director to address these issues.

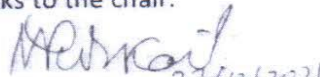
The committee was then briefed the status report of the filling up of backlog vacancy positions and the implementation of roster with regular recruitment. The advertisement for the special drive was also briefed whose deadline is January 15, 2022. Dr Rao suggested to arrive at alternates in case these reserve posts continue to remain vacant for extended times.

Professor Bapat highlighted the importance of interdisciplinary research and suggested to explore of having of a minimum number of permanent faculty in Centre of Indian Knowledge Systems. The committee agreed to explore the possibilities.

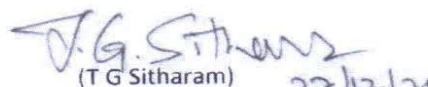
The meeting ended with vote of thanks to the chair.


(T Punniyamurthy) 25/12/21

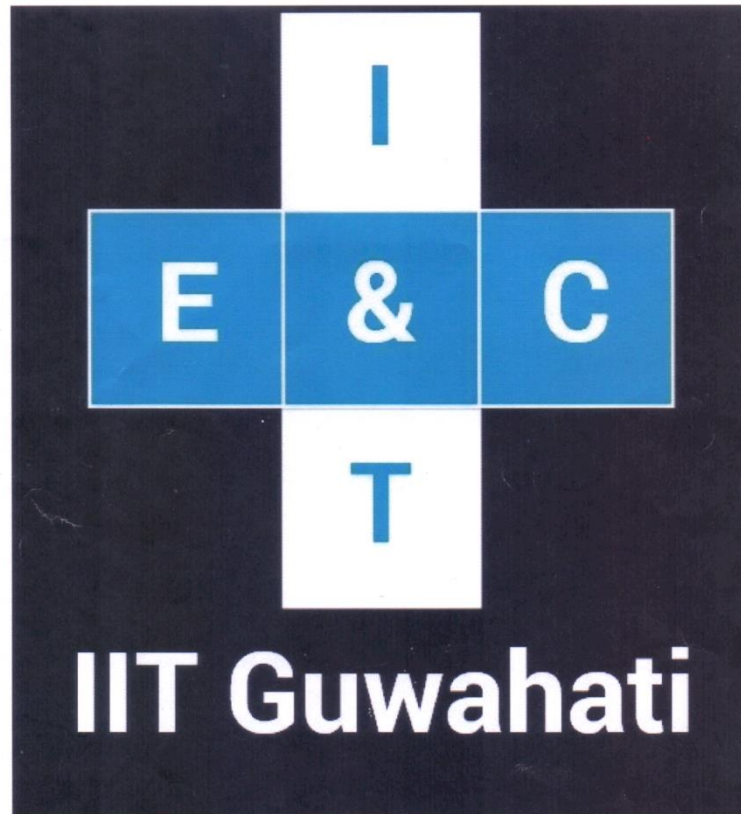
(P R Rao)


(M K Purkait) 27/12/2021

(V B Bapat)


(T G Sitharam) 27/12/21
Director
IIT Guwahati

The New Designed Logo for recognition that the Academy is running under the mentorship of IIT Guwahati.



ANNEXURE-30

A sample certificate with logo of both E&ICT Academy and IIT Guwahati


To be ratified

 <Industry Partner Logo> <Academic Partner Logo>



Ref. no:

Electronics & ICT Academy
Supported by Ministry of Electronics and Information Technology (MeitY), Govt. of India
Indian Institute of Technology Guwahati

Certificate of Participation

This is to certify that

Mr./Ms./Dr..... of has participated in a two - weeks Online Joint Faculty Development Programme on “.....” organised by Electronics and ICT Academy IIT Guwahati held from under the “Scheme of financial assistance for setting up of Electronics and ICT Academies” of the Ministry of Electronics and Information Technology (MeitY), Government of India. He/she has also taken part in the hands on sessions during the program. We wish him/her a very good luck for his/her future endeavour. This Faculty Development Programme is at par with other Quality Improvement Programmes*.

**Signatory of PI
E&ICT Academy IIT Guwahati*

**Signatory of
Academic Partner*

**Signatory of
Industry Partner*