

**THE 84th MEETING OF THE
BOARD OF GOVERNORS HELD ON 24.03.2016**

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INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI
MINUTES OF THE
EIGHTY FOURTH MEETING OF THE BOARD OF GOVERNORS
HELD ON 24th MARCH 2016

The Eighty Fourth Meeting of the Board of Governors of the Institute was held on 24.03.2016 in the Board Room of IIT Guwahati and the following members were present:

- | | | |
|-----|---------------------------|-------------------------|
| 1 | Dr. Rajiv I. Modi | Chairman |
| 2. | Prof. Gautam Biswas | Director / Member |
| 3. | Prof. Asis Dutta | Member |
| 4. | Prof. D.B Goel | Member |
| 5. | Prof. M. K. Chaudhuri | Member |
| 6. | Mr. Pydah Venkatanarayana | Member |
| 7. | Mr. C. Lalhmachhuana | Member |
| 8. | Ms. Krishna Gohain | Member (representative) |
| 9. | Prof. Rafikul Alam | Member |
| 10. | Prof. Chitralekha Mahanta | Member |
| 11. | Mr. U. C. Das | Registrar / Secretary |

Before starting the proceedings of the meeting, the Director of the Institute welcomed the new Chairman of the Board of Governors of IIT Guwahati, Dr. Rajiv I Modi. He also welcomed Prof. Chitralekha Mahanta as the new Senate nominee to the Board of IIT Guwahati and Smt. Krishna Gohain Secretary, Higher Education (Technical), Govt. of Assam representing Principal Secretary Higher Education, Govt. of Assam.

The Chairman BOG in his address to the members expressed that he is delighted to be associated with IIT Guwahati and assured that he shall extend his full support in leading the Institute to newer heights.

After that, the agenda for the day was taken up as below:

Item No. 1

Confirmation of the Minutes of the 83rd Meeting of the Board of Governors of the Institute held on 26.12.2015:

The Eighty Third Meeting of the Board of Governors of the Institute was held on 26.12.2015 at the Conference Room of Institute Guest House. The Minutes of the meeting were circulated amongst the members of the Board for their comments / observations, if any. An observation had been received from one of the Members of the Board, Prof. D. B. Goel, where he pointed out to add a foot note that reads, 'The Director shall be empowered to take action in all matters not covered in the above lists' at the end of the Annexure of Item No.18 of 83rd BOG Minutes which pertains to updating of the delegation of powers of the Board and of the Director to different functionaries of the Institute.

Further in the aforesaid list of delegation of powers under clause 3 (administrative matters), delegation of power regarding matters related to students was updated and a new para 3.25 related to same is incorporated.

The Board was requested to consider the above observation and confirm the Minutes of the 83rd BOG Meeting in which the said footnote and the updating of the delegation were incorporated.

The Board considered and accepted the proposals and resolved as below:

Resolution No.:R_84BOG/01/2016

RESOLVED that the Minutes of the 83rd Meeting of the Board of Governors of the Institute held on 26.12.2016 be **CONFIRMED** as enclosed in **Annexure-1**(p34-71).

Matter arising out of confirmation

The Registrar, who is also Secretary of the Board placed before the Board that in respect of the item no. 4 relating to "Administrative Approval and Expenditure Sanction for construction of Estate Office building of the Institute in the IITG Campus", one part of the decision was as below:

“Resolved further that the work be taken up on completion of about 95% of the present ongoing construction work of the Institute”.

It was pointed out that such a decision will adversely affect the construction of a new building and there by the planned work of the year because attainment of completion of 95% of the ongoing work will take a long time. This is because, there are several major ongoing construction work, like construction of Boys’ Hostel, Married Scholars’ hostel, Research Building, Extension of Academic Building etc. which will need time for 95% completion. This is also the view of the Dean, IPM of the Institute.

In term of this, the Board was requested to re-consider the decision.

The Board discussed and agreed to drop the part of the resolution from Resolution No. R_83BOG/04/2015 dated 26.12.2015 which read as “Resolved further that the work be taken up on completion of about 95% of the present ongoing construction work of the Institute”.

Item No. 2

Presentation by Director and the Dean of Research & Development of the Institute on “Repositioning IIT Guwahati on Research Paradigm”:

A presentation was made by the Director and the Dean of Research & Development of the Institute on “**Repositioning IIT Guwahati on Research Paradigm**” through which the members were informed about the thrust areas of research and activities of the various departments and centres of the Institute and the desires of the departments and centres in terms of collaborations with the top-most Institutes/Universities of the world.

The presentation was appreciated by all the Board members.

Resolution No.:R_84BOG/02/2016

RESOLVED that the presentation by Director and the Dean of Research & Development of the Institute on “**Repositioning IIT Guwahati on Research Paradigm**” be noted for necessary action.

Item No. 3

Follow up actions of the decision of the 83rd Meeting of the Board of Governors of the Institute held on 26.12.2015:

Follow up action taken report on the resolution of the 83rd Meeting of the Board of Governors of the Institute held on 26.12.2015 were placed before the Board for consideration and the Board was requested to note. It was reported that the actions have been taken as per decisions.

The Board considered the same and resolved as below:

Resolution No.:R_84BOG/03/2016

RESOLVED that the actions taken on the decisions of the 83rd Meeting of the Board of Governors held on 26.12.2015 be **NOTED** as reported.

RESOLVED further that the actions on Item no 18 of the 83rd BOG meeting which was discussed during confirmation as above be taken as per the rectification/modification suggested or advised by the Board.

RESOLVED further that the circulars which are proposed to be issued after confirmation of the proceedings of the 83rd BOG meeting be issued.

Item No. 4

Approval of the revised list of experts as Board's Nominee to the Selection Committee for Faculty positions of the Department of Chemical Engineering and Electronics & Electrical Engineering Department :

The Board was appraised that the existing panel of experts for Selection Committee for faculty positions for the Department of Chemical Engineering and Department of Electronics & Electrical Engineering were required to be updated and revised. Accordingly, the same was updated and revised in consultation with the Head of the Department. A copy was circulated amongst the members of the Board.

The Board was requested to consider and approve the lists of experts of the above mentioned Departments and to authorize the Director to nominate experts from the approved list based on their specialization and availability.

Further it was proposed to the Board that the above mentioned list be also used for selection of Senior Scientific Officers in the Departments.

The Board considered and decided as below:

Resolution No.:R_84BOG/04/2016

RESOLVED that the revised list of experts forwarded by the Department of Chemical Engineering as **Annexure-2** (**NOT FOR PUBLIC DOMAIN**) and Department of Electronics and Electrical Engineering **Annexure-3** (**NOT FOR PUBLIC DOMAIN**) be **APPROVED** as Board's nominees in the Selection Committees for faculty positions and also for selection of Senior Scientific Officers in the respective Departments.

RESOLVED further that the Director of the Institute be authorised to nominate experts from the approved list based on their specialization and availability.

Item No. 5

Approval of the proposal for Fund Raising initiatives & Alumni Connect for IIT Guwahati:

The office of the Alumni and External Relations of the Institute submitted a proposal for Fund Raising and Alumni Connect initiatives for IITG, which will help to inform the prospective Donors /Alumni / well-wishers of IITG who wishes to contribute towards the growth and development of the Institute.

It was envisaged that this initiative will help the contributors to know about the various activity heads that are put in place in the Institute and they will also know the activity plans to ensure that funds received from them are put to good and intended use.

Accordingly, they proposed to operate three different schemes based on the amount of donation received by the Institute. The details of the Scheme was placed before the Board.

The Board was requested to consider and approve for initiating the fund raising schemes as proposed with its fund utilization plan and modalities.

The Board considered and decided as below:

Resolution No.:R_84BOG/05/2016

RESOLVED that the proposal for Fund Raising initiatives/ Schemes & Alumni Connect for IIT Guwahati with its fund utilization plan and modalities as given in **Annexure-4**(p74-77) be **APPROVED**.

Item No. 6

Approval of a proposal for additional financial grant to the ICCR foreign students to ensure parity of stipend between Indian students and ICCR foreign students:

The 81st BOG meeting of the Institute held on 07.06.2015, approved the modalities to provide top-up grants to Indian Council for Cultural Relations (ICCR) students who are pursuing full time courses at the Institute from Institute resources in an attempt to maintain parity with the stipend received by Institute scholars. As per the modified/rectified modalities approved in the 82nd meeting of the BOG held on 29.09.2015 during confirmation of the 81st Minutes, the ICCR foreign students are likely to get a top-up amount of Rs. 8000/-per month in lieu of their service in the Computer Centre and LB Central Library. This amount is to be given in addition to the existing amount of stipend of Rs. 7000/- (for Masters) and Rs. 8000/- (for Ph. D) per month.

The Board was informed that currently the Institute scholars are getting monthly scholarship @ Rs.25,000/- (for Ph.D/Junior Research Fellow), @ Rs. 28,000/- (for Ph.D/ Senior Research Fellow) and @Rs.12,400/- (for Masters i.e ME/ M.Tech/ MS/ M.Des). Thus, it was clear that there was still a huge disparity between Institute scholars and ICCR scholars at the PhD level in terms of stipend they receive.

As stated above, the top up amount already approved in the 81st Meeting of the BOG vide Resolution R_81BOG/14/2015 and modified/rectified administratively in the 82nd meeting of the BOG vide Resolution R_82BOG/02/2015 enables the ICCR students (Masters & PhD) to get a top up amount of a maximum of Rs. 8000/- in lieu of their service in the Computer Centre and LB Central Library .It was proposed that the top up amount already approved in the said Meetings of the BOG be increased to ensure parity between students admitted through ICCR (Masters & PhD) and Indian students in terms of scholarships/ grant they receive, keeping the operational modality approved in the aforementioned two BOG meetings unchanged.

As per the modalities, one way of paying this top up amount is by engaging them in library maintenance work and the work at the Computer Centre giving them honorarium of @ Rs. 250/- per hour. This rate was fixed as early as 2010. It was further, proposed to increase the rate of honorarium to Rs. 500/- per hour instead of Rs.250/- per hour keeping in view that duties be allocated to the ICCR students in such a way that the total amount that they receive is at par with the Indian students.

The Board was requested to approve the proposal of enhancement of top up amount of the ICCR scholars along with increase in rate of honorarium to the students for library maintenance work from Rs. 250/- per hour to Rs. 500/- per hour. This facility is also to be extended to the Indian students, who need additional time to complete their PhD after having completed the period that is covered by the MHRD assistantship. The facility is to be extended based on the recommendations of the Department /Centres.

The Board considered and decided as below:

Resolution No.:R_84BOG/06/2016

RESOLVED that the proposal to increase in rate of honorarium from Rs. 250/- per hour to Rs. 500/- per hour of both ICCR and Indian students for library maintenance work and the work at the computer centre be approved keeping in view that duties be allocated to the ICCR students in such a way that parity be maintained in respect of monthly scholarship with their Indian counterparts.

RESOLVED further, that such similar opportunity may also be extended to the Indian

students, who need additional time to complete their PhD after having completed the period that is covered by the MHRD assistantship. The facility is to be extended based on the recommendations of the Department /Centres.

Item No. 7

Proposal from Centre for Rural Technology (CRT) for introducing (a) an M.Tech. Programme in Rural Technology and (b) a Ph.D. programme in Rural Technology.

The Board of Governors (BOG) of IIT Guwahati, in its 76th Meeting, held on 25.02. 2014, vide resolution No. R.76/06/2014, approved the proposal for creating a Centre for Rural Technology to impart teaching, conduct research and provide consultancy in various facets of rural sector and the same was noted by the 104th Meeting of the Senate, held on 21.03.2014. In the 120th Meeting of the Senate, held on 22.02.2016 and 11.03.2016, the Centre for Rural Technology submitted a proposal for introducing two academic programmes viz., (a) M. Tech. in Rural Technology and (b) Ph.D. in Rural Technology, from July-November 2016 semester.

After examining the matter, the concerned Senate in its meeting held on 11.03.2016 recommended the following:

- (a) the Centre for Rural Technology may be permitted to operate as an Academic Centre;
- (b) the concerned Centre may be permitted to start (i) an M.Tech. Programme in Rural Technology and (ii) a Ph.D. programme in Rural Technology, with effect from July 2016.

The Board was requested to consider and approve the recommendation of the 120th Meeting of the Senate held on 22.02.16 and 11.03.2016 as detailed above.

The Board considered and decided as below:

Resolution No.:R_84BOG/07/2016

RESOLVED that the recommendation of the 120th Meeting of the Senate, held on 22.02.2016 and 11.03.2016 be **APPROVED** as below:

- (a) the Centre for Rural Technology be permitted to operate as an Academic Centre;

- (b) the concerned Centre be permitted to start (i) an M.Tech. Programme in Rural Technology and (ii) a Ph.D. programme in Rural Technology, with effect from July 2016, as per details as indicated at **Annexure – 5**(p78-84).

Item No. 8

Discontinuation of Interview for recruitment at Junior Level Posts in the Institute:

A letter has been received from the Under Secretary, Ministry of HRD, TS-I under reference No. F.No.44-2/2014-TS.I dated 18.02.2016 forwarding an Office Memorandum No. 39020/01/2013-Estt (B) dated 18.02.2016 enclosing a copy of the OM issued by Ministry of Personnel, Public Grievances and Pensions (DoPT) under reference no. 39020/01/2013-Estt (B)-Part dated 29.12.2015 which has reference of the DoPT OM's dated 09.10.2015 and 09.11.2015 on the subject of "Discontinuation of Interview at Junior level posts in the Govt. of India" for information and appropriate action.

As per the above OM's, Interview at the junior level posts is to be discontinued (for group C and Group B Non gazetted post) and the "No Interview Requirement" proposal is to be implemented in the Autonomous Bodies also. It was also clarified that Skill test or Physical test may continue but these tests will be of qualifying nature and assessment will not be done on the basis of the marks for such tests. In case, if for specific posts interview is to be continued exemption is to be sought from DOPT by the concerned Ministries /Deptt. by submitting a detailed proposal through Minister/Minister-in-charge.

As such all our Recruitment Rules need to be modified if this Scheme is to be implemented.

The Board was requested to consider and guide the Institute for further action.

The Board considered, deliberated and decided as below:

Resolution No.:R_84BOG/08/2016

RESOLVED that the policy of the Government of India as amended up to date in respect of "Discontinuation of Interview at Junior Level posts in the Govt. of India" be **ADOPTED** in the Institute.

RESOLVED that the Recruitment Rules in respect of the Junior Level posts of the Institute be modified in terms of the decision of discontinuation of Interview at Junior Level posts and the same be placed before the Board for approval.

Item No. 9

Approval to the proposal to increase the Overhead Charges for consultancy projects by the Institute:

The Board was informed that the Overhead Charges of 10% of the total budget of the consultancy projects as charged in the Institute till date was approved during the initial formulation of rules and regulations for the R&D projects.

All the other IITs have already revised the overhead charges in the range of 20-35%. As such, it was proposed that the Overhead Charges for consultancy projects be enhanced to 20% of its total budget.

The Board was requested to approve the proposal to increase the Overhead Charges for consultancy projects by the Institute from 10% to 20%.

The Board considered and decided as below:

Resolution No.:R_84BOG/09/2016

RESOLVED that the proposal to increase the Overhead Charges for consultancy projects from 10% to 20% be **APPROVED**.

Item No. 10

Setting up of Institute Research and Development Committee (IRDC) at the Institute:

Other IITs like IIT Kanpur and IIT Kharagpur have Institute Research and Development Committee (IRDC). This committee includes faculty members drawn from all the academic departments and centres. The scope of this committee is to meet regularly and discuss about the steps needed to provide impetus to the Institute research and development activities and provide support, advice and assist the Dean (R&D).

Along these lines, IIT Guwahati proposes to constitute IRDC committee headed by Dean (R&D) and the members will be drawn from across different departments as per approval of the Director of the Institute.

The Board was requested to consider and approve setting up of Institute Research and Development Committee (IRDC) at the Institute following rules & regulations in line with

other IITs like IIT Kanpur and IIT Kharagpur. The framework of IRDC, IIT Kanpur (as at **Annexure-6**)(p.85-86) was presented before the Board.

The Board considered and decided as below:

Resolution No.:R_84BOG/10/2016

RESOLVED that the proposal of setting up of Institute Research and Development Committee (IRDC) at the Institute following rules & regulations in line with other IITs like IIT Kanpur and IIT Kharagpur be **APPROVED**.

RESOLVED further that the Institute Research and Development Committee (IRDC) will be headed by Dean (R&D) and members of the Committee be drawn with approval of the Director of the Institute.

Item No. 11

Administrative approval and financial sanction for urgent construction/ repair of some internal roads of the campus due to the visit of the Honourable Prime Minister to IITG

In connection with IIT campus visit of Honourable Prime Minister of India on 19th January 2016, it became necessary to construct/ repair some internal roads of the campus on priority basis. For that purpose, a special B&WC Meeting (78th Special B&WC Meeting) was held on 8th January 2016. Considering the extreme urgency, Assam PWD (shortly APWD), which was already executing the construction and repairing of some of the internal roads of the campus as deposit works, was invited to the meeting. In the meeting, representatives of the APWD expressed that they would be able to complete the works of the concerned roads prior to the visit of the Honourable Prime Minister. Accordingly, a proposal for repairing of the following roads for Rs 1,42,63,000.00 was approved by the Committee through APWD(NH) as deposit work-

1. Road from the Rail Over Bridge (ROB) near main gate to the rotary of market complex (length-265 m)
2. Road from the Guest House to Subansiri Hostel (length-475 m)

Further anticipating requirement of execution of some more such urgent works that might arise prior to the visit of the Honourable Prime Minister, the B&WC also took a resolution

authorizing the Director & the Chairman B&WC to approve such urgent works, if any, which may be placed in the next B&WC Meeting for ratification.

According to the above decision of the B&WC, the roads mentioned above were allotted to the APWD for execution as deposit work. While the works for the above roads were in progress, the SPG team & the district administration informed that travel of the PM to and from the campus might be either by road or by helicopter and we were requested to keep all roads for the visit in good condition. Moreover, the honourable Governor, the Chief Minister and the Union HRD Minister would be travelling by road. In view of the above, some more internal roads were identified for repairing along with the approach road from the NH to our entrance gate. The repairing of the approach road (from the NH to our entrance gate) was finally done by the APWD (Roads) at their cost with the intervention of the district administration. But, repairing of the following more internal roads (in addition to the roads approved by the 78th Special B&WC Meeting as listed above) had to be completed by the IITG prior to the visit of the Honourable Prime Minister.

1. Road from market rotary to the administrative building rotary(length-447m)
2. Road from Professors Quarter F-1 to F-8 and to Director's Bungalow (length-334m).

The estimate for repairing of this additional roads for Rs 1,26,72,000.00 was approved by the Director and allotted to the APWD for execution as deposit works as per the resolution of the 78th B&WC(Special) meeting where the Director was authorized to accord approval to any such urgent work requiring execution prior to the visit of the PM.

Thus, total value of road repairing works allotted to APWD for execution prior to the visit of the Honourable Prime Minister stands at Rs 2, 69, 35,000.00.

The Board was requested to ratify the said administrative approval and financial sanction of Rs 2, 69, 35,000.00 accorded by the Director of the Institute for urgent repairing of the internal roads prior to the visit of the Honourable Prime Minister.

The Board considered and decided as below:

Resolution No.:R_84BOG/11/2016

RESOLVED to approve and ratify the administrative approval and financial sanction of Rs 2,69,35,000.00 accorded by the Director of the Institute as per the authorisation of the 78th B&WC(Special) meeting for urgent repairing of the internal roads prior to the visit of the Honourable Prime Minister.

RESOLVED further to ratify the approval of the Director in allocating the above mentioned work to the Assam PWD for execution as deposit works.

Item No. 12

Ratifications of the approvals accorded by the Chairman, BOG:

Following items approved by the Chairman BOG were put up before the Board for ratifications:

- (A) Approval to the appointment of Prof. V.M. Malhotra as Visiting Professor in the Department of Computer Science & Engineering
- (B) Approval to the extension of the term of service of Dr. Yasufumi Kobayashi as Visiting Assistant Professor in the department of Biosciences and Bio-engineering
- (C) Approval to the appointment of Prof. Amitabha Chattopadhyay as Adjunct Professor in the department of Biosciences and Bio-engineering.
- (D) Deputation of Prof. V.V. Dasu, Department of Biosciences and Bioengineering to Rajiv Gandhi University of Knowledge Technologies, Nuzvid , Andhra Pradesh for a period of three years.

The Board considered and ratified the approvals as below:

Resolution No.:R_84BOG/12/2016

RESOLVED that the approvals accorded by the Chairman, BOG be **RATIFIED** as below:

- (A) Approval to the appointment of Prof. V. M. Malhotra as Visiting Professor in the Department of Computer Science & Engineering for a period of one year starting from 2016 under the following terms:

NOT FOR PUBLIC DOMAIN

(B) Approval to the extension of the term of service of Dr. Yasufumi Kobayashi as Visiting Assistant Professor in the Department of Biosciences & Bioengineering for another year w.e.f.23.07.2016 under the terms and conditions of his initial appointment.

(C) Approval to the appointment of Prof. Amitabha Chattopadhyay as Adjunct Professor in the Department of Biosciences & Bioengineering for a period of one year which may be further extended under the following terms & conditions:

NOT FOR PUBLIC DOMAIN

(D) Approval to the grant of deputation to Prof. V.V.Dasu, Department of Biosciences and Bioengineering to Rajiv Gandhi University of Knowledge Technologies, Nuzvid, Andhra Pradesh for a period of three years and relieved Prof. Dasu from IIT Guwahati w.e.f. 16.02.2016 (AN).

Item No. 13

Reporting of the Items approved by the Director:

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

- a.** Attendance of Conference / Seminar etc. abroad.
- b.** Appointments and Extension of Associate Dean, Chairman etc.
- c.** Selection/Election of Prof. Chitrlekha Mahanta as the new Senate nominee to the Board of Governors of the Institute.
- d.** Confirmation of Faculty Members.
- e.** Confirmation of Non-faculty Members.
- f.** Approval towards financial up gradation of Mr.Nayan Kr. Sarma, Assistant Executive Engineer (Civil) w.e.f.01.09.2008.
- g.** Approval to the recommendation of the Selection Committee for promotion to the post of Junior Technical Officer
- h.** Approval to the recommendation of the Selection Committee for the post of Junior Technical Superintendent in the Department of Chemical Engineering

- i. Approval to the recommendation of the Selection Committee for promotion to the post of Attendant
- j. Extension of the probation period of Ms. Jharna Rani Rabha, Technical Superintendent of this Institute.
- k. Approval to the recommendation of the Selection Committee for the post of Junior Technician in the Department of Design.
- l. Approval to the recommendation of the Selection Committee for the post of Medical Officer (on contractual basis) in the area of medicine
- m. Approval to the recommendation of the Selection Committee for the post of Medical Officer (on contractual basis) in the area of Homeopathy
- n. Approval to the recommendation of the Selection Committee for the post of Students' Counsellor
- o. Approval to the recommendation of the Selection Committee for the post of Senior Library Information Assistant.
- p. Approval to the recommendation of the Selection Committee for promotion to the post of Senior Assistant Engineer.

The Board resolved as below:

Resolution No.:R_84BOG/13/2016

RESOLVED that the following items approved by the Director be **NOTED** as below:

- a. **Attendance of Conference / Seminar etc. abroad: As reported**
- b. **Appointments and Extension of Associate Dean /Chairman /Head etc as under:**

Sl. No.	Name	Position	Period of Appointment / Extension
1.	Prof. Rajib Kumar Bhattacharjya	Associate Dean, Infrastructure Planning and Management	Term has been extended till 31.07.2016.
2.	Prof.K.Pakshirajan	Head, Department of Biosciences & Bioengineering	Appointed for a period of three years with immediate effect from the date of notification of the order i.e.23.02.2016
3.	Prof. Utpal Barua	Head, Centre for Creativity	Appointed for a period of one year with immediate effect from the date of notification of the order i.e.09.02.2016.

4.	Dr. Prabhu Venkataraman, Department of HSS	Chairman, Sports Board	Appointed for a period of two years with immediate effect from the date of notification of the order i.e. 06.01.2016.
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- c. **Election of Prof. Chitrlekha Mahanta as the new Senate nominee to the Board of Governors of the Institute for a period of two years w.e.f. January 1, 2016 to December 31, 2017.**

- d. **Confirmation of Faculty Members as under:**

Sl. No.	Name	Post
1.	Dr. Anupam Saikia	Professor, Mathematics
2.	Dr. Gautam Barua	Professor, Civil Engineering
3.	Dr. Sharad B. Gokhale	Professor, Civil Engineering
4.	Dr. Sunil Kumar Khijwania	Professor, Physics
5.	Dr. Ashish Kr. Gupta	Professor, Chemistry
6.	Dr. G. Krishnamurthy	Professor, Chemistry
7.	Dr. Biplab Mondal	Professor, Chemistry
8.	Dr. Bimlesh Kumar	Associate Professor, Civil Engineering
9.	Dr. Siddhartha Pratim Chakrabarty	Associate Professor, Mathematics
10.	Dr. Partha Sarathi Mandal	Associate Professor, Mathematics
11.	Dr. Ranjan Tamuli	Associate Professor, BSBE
12.	Dr. Lal Mohan Kundu	Associate Professor, Chemistry
13.	Dr. Bibhas Ranjan Majhi	Assistant Professor, Physics
14.	Dr. Uday Narayan Maiti	Assistant Professor, Physics
15.	Dr. Poonam Kumari	Assistant Professor, Mechanical Engineering
16.	Dr. Sangamesh Deepak R	Assistant Professor, Mechanical Engineering
17.	Dr. Prasad Bokil	Assistant Professor, Design

- e. **Confirmation of Non-faculty Members as under:**

Sl. No.	Name	Post
1.	Mr. Kula Kamal Senapati	Technical Officer Gr.I
2.	Dr. Dolly Gogoi	Technical Officer Gr.II
3.	Mr. Dhruvajyoti Pathak	Technical Officer Gr.II
4.	Mr. Harsaraj Biswanath	Technical Officer Gr.II

5.	Mr. Debarshi Baruah	Technical Officer Gr.II
6.	Dr. N.K. Prasanna Kumari	Technical Officer Gr. II
7.	Ms. Nandeeta Das Salhotra	Assistant Registrar
8.	Ms. Monalisa Kakati	Assistant Registrar
9.	Ms. Amaya Phukan	Assistant Registrar
10.	Syed Farid Ali	Superintendent
11.	Ms. Nibha Devi	Superintendent
12.	Ms. Leoni Choudhury	Superintendent
13.	Mr. Supriya Das	Superintendent
14.	Mr. Monojit Bhattacharjee	Superintendent
15.	Mr. Debabrata Purkayastha	Superintendent
16.	Mr. Bimal Das	Superintendent
17.	Mr. Surendra Mohan Saloi	Superintendent
18.	Mr. Kumud Chandra Das	Superintendent
19.	Mr. Basanta Kumar Kalita	Superintendent
20.	Mr. Biswajit Saikia	Junior Engineer (Electrical)
21.	Mr. Diganta Das	Junior Engineer (Civil)
22.	Mr. Manoranjan Das	Junior Engineer (Civil)
23.	Md. Riyajul Islam	Junior Engineer(Electrical)
24.	Mr. Indrajit Das	Junior Engineer (Civil)
25.	Mr. Chandraswami Bhaskar Bora	Junior Technical Superintendent
26.	Ms. Shamshad Begum	Junior Superintendent
27.	Mr. Sridhar Samal	Junior Superintendent
28.	Mr. Dhruva Kr. Saikia	Junior Superintendent
29.	Mr. Jayanta Kr. Kalita	Junior Superintendent
30.	Mr. Ganesh Kalita	Junior Superintendent
31.	Ms. Pranita Kalita	Junior Superintendent
32.	Mr. Sailen Das	Junior Superintendent
33.	Mr. Alok Majumdar	Junior Superintendent
34.	Mr. Raju Singha	Junior Superintendent

35.	Mr. Bablu Das	Junior Superintendent
36.	Mr. Anajan Malla Chaudhury	Junior Superintendent
37.	Mr. Mohan Chandra Nath	Junior Superintendent
38.	Mr. Dipumoni Hazarika	Junior Superintendent
39.	Mr. Manas Kr.Sarma	Junior Superintendent
40.	Mr. Bishnuraj Sharma	Junior Superintendent
41.	Mr. Bitan Seal	Junior Superintendent
42.	Mr. Monjit Bora	Junior Superintendent
43.	Mr. Swapan Kumar Debnath	Junior Superintendent
44.	Mr. H.Jamginmuan	Junior Superintendent
45.	Ms. Bandana Khataniar	Junior Superintendent
46.	Mr. NilyotpalDeka	Junior Superintendent
47.	Ms. Arpana Das	Junior Superintendent
48.	Mr. Sanjib Kumar Saikia	Junior Superintendent
49.	Ms. Krishangi Kalyani Bhuyan	Junior Superintendent
50.	Ms. Barnali Deka Gogoi	Junior Superintendent
51.	Mr. Pankaj Goswami	Junior Superintendent
52.	Mr. Rajib Dey	Assistant Coach Gr. I
53.	Mr. Manash Protim Dutta	Junior Assistant
54.	Ms. Taru Saikia	Junior Attendant

- f. **Approval towards financial up gradation of Mr.Nayan Kr. Sarma, Assistant Executive Engineer (Civil) w.e.f.01.09.2008** under the provision of the Modified Assured Career Progression (MACP) Scheme, superseding the earlier order under Ref. No. AD/274/PU/2007/2775 dated 20.07.2010 member as below:

Sl. No	Name	Designation and Pay (before up-gradation)	New Designation and pay (after up-gradation)	Effective date of financial up-gradation
1.	Mr.Nayan Kr. Sarma	Assistant Engineer (Civil) PB2=Rs.9,300-34,800/-, GP=Rs.4600/-	Sr. Assistant Engineer(Civil) PB2=Rs.9,300-34,800/- GP=Rs.4800/-	01.09.2008

- g. **Approval to the recommendation of the Selection Committee for promotion to**

the post of Junior Technical Officer in the scale of PB2: Rs.9300-34800/-, Grade Pay Rs.5400/- as under: :

Sl. No.	Name	Pay
1.	Mr.Shajumon M.S.	As per Rules
2.	Mr. Utpal Kr. Sarma	As per Rules
3.	Mr. Pranab Jyoti Goswami	As per Rules
4.	Mr. Hemanta Kr. Nath	As per Rules
5.	Mr. Naba Kr. Thakuria	As per Rules

- h. Approval to the recommendation of the Selection Committee for the post of Junior Technical Superintendent in the Department of Chemical Engineering** in the scale of PB2: Rs.9300-34800/-, Grade Pay Rs.4200/- as under :

Sl. No.	Name	Category	Pay
1.	Md. Ariful Hoque	OBC	As per Rules

- i. Approval to the recommendation of the Selection Committee for promotion to the post of Attendant** in the scale of PB-1; Rs. 5200-20200, Grade Pay=Rs.1900/- as under:

Sl. No	Name	Pay
1.	Mr Jintu Boro	As per rules
2.	Mr Binod Das	As per rules
3.	Mr Amjad Khan	As per rules

- j. Extension of the probation period of Ms. Jharna Rani Rabha, Technical Superintendent of this Institute** for a period of another six (06) months from 28.12.2015 to 27.06.2016 under the same terms and conditions as per the offer of appointment for the post of Technical Superintendent.

- k. Approval to the recommendation of the Selection Committee for the post of Junior Technician in the Department of Design** in the scale of PB1: Rs.5200-

20200/-, Grade Pay Rs. 2000/- as under :

Sl. No.	Post	Name	Category	Pay
1.	Junior Technician, (Computer Application)	Mr. Abhijit Barua	Gen	As per rules
2.	Junior Technician (Welding)	Mr. Dhrubajyoti Borah	OBC	As per rules

- I. Approval to the recommendation of the Selection Committee for the post of Medical Officer (on contractual basis) in the area of medicine (Not for Public Domain) as under:**

Sl. No	Name	Category	Pay
1.	Dr. Swastika Padmapati	N/A	As per advt.
2.	Dr. Rounak Kala	N/A	As per advt.

- m. Approval to the recommendation of the Selection Committee for the post of Medical Officer (on contractual basis) in the area of Homeopathy as under:**

Sl. No	Name	Category	Pay
1.	Dr. Deepti Mali	N/A	Not for Public domain

- n. Approval to the recommendation of the Selection Committee for the post of Students' Counsellor as under:**

Sl. No	Name	Category	Pay(Rs.)
1.	Ms. Namrata Noam Rynjah	M/A	Not for Public domain
2.	Mrs. Pallabita Barooah Choudhury	N/A	Not for Public domain

- o. Approval to the recommendation of the Selection Committee for the post of Senior Library Information Assistant in the scale of PB2: Rs.9300-34800/-, Grade Pay Rs.4200/- as under :**

SI. No.	Name	Category	Pay
1.	Mr. Mintu Dutta	Gen	As per rules
2.	Ms. Bhanushree Deka	Gen	As per rules
3.	Md. Muzaffar Iqbal	Gen	As per rules
4.	Mr. Nabakumar Bhoi	OBC	As per rules
5.	Mr. Trinayan Borgohain	OBC	As per rules

- p. **Approval to the recommendation of the Selection Committee for promotion to the post of Senior Assistant Engineer** in the scale of PB2: Rs.9300-34800/-, Grade Pay Rs.4800/-as under:

Sl. No	Name	Pay
1.	Mr. Hem Chandra Nath	As per rule
2.	Mr. Amal Sarma	As per rule
3.	Mr. Jayanta Sarkar	As per rule
4.	Mr. Swarup Kumar Ghosh	As per rule

Item No. 14

Minutes of the Hundred Seventeenth meeting of the Senate of the Institute held on 11.09.2015 and 16.09.2015 respectively :

The Board considered the Minutes of the Hundred Seventeenth meeting of the Senate of the Institute held on 11.09.2015 and 16.09.2015 respectively, placed before the Board in terms of the Section 4(10) of the Statute.

Resolution No.:R_84BOG/14/2016

RESOLVED that the Minutes of the Hundred Seventeenth meeting of the Senate of the Institute held on 11.09.2015 and 16.09.2015 respectively, placed before the Board in terms of the Section 4(10) of the Statute be **NOTED**.

Item No. 15

Items for Reporting to the Board:

Resolution No.:R_84BOG/15/2016

RESOLVED that the following items as reported to the Board be **NOTED**.

- A. IIT Council decision of its 49th Meeting held under the Chairpersonship of Hon'ble Minister of Human Resource Development on 06.10.2015 at IIT Bombay on the proposal to provide free studentship (tuition fee waiver) to the persons with disabilities (PD students) vide Agenda Item No 49.17 is as below:**

“The Council agreed to the recommendations of IIT Directors to provide free studentship to the persons with disabilities as a plan grant which will be equal to the student fee charged to all students”

- B. Minutes of the Forty Ninth Meeting of the Council of the IITs held on 06.10.2015 under the Chairmanship of Hon'ble Human Resource Minister at IIT Mumbai is placed as Annexure – 7(p 87-99).**

- C. Signing of an MoU between IIT Guwahati and Centre For Development of Advanced Computing (C-DAC) on 25.03.2015. The MoU is effective from the date of signing and will remain valid for a period of two years. Further, the validity of the MoU may be extended by an agreement in writing and signed by both the parties.**

As per the MoU, IIT Guwahati will contribute Rs. 6 crore and C-DAC will contribute Rs. 8 crores towards procurement of HPC hardware, software and other related expenditure. The total procurement cost was estimated to be Rs.13.6 crore.

Some of the salient features of the MoU are:

1. Scope of the MoU

This MoU broadly defines the mode & methodology of operations and spells out the rights & responsibilities of the parties hereto for establishments of State-of-the-Art CDAC-IIT Guwahati Supercomputing Facility.

2. Objectives of the MoU

Establishment of State-of-the-Art CDAC- IIT Guwahati Supercomputing Facility for Capability Building and High End Computational Research at Indian Institute of Technology, Guwahati.

3. Ownership of the HPC system

IITG will be the sole custodian of the entire HPC system after installation and commissioning. DeitY and IITG will be the joint owner of the entire HPC system in the proportion of the financial contribution.

Apart from the above, the MoU also features responsibilities of IITG & C-DAC, financial aspects, Intellectual Property Rights Sharing and many more. A signed copy of the said MoU is given as **Annexure-8** (p 100-108) for details.

D. Superannuation of Prof. Krishna Barua of Department of HSS, IIT Guwahati:

Prof. Krishna Barua, of Department of HSS had superannuated from her service at IIT Guwahati on 29.02.2016 on attaining 65 years of age, which is the age of retirement of a faculty member. However, the Board observed that as the superannuation falls within a running Semester and there is a provision in the statutes of the Institute as per which it reads: “Provided that where the Board considers that in the interest of students and for the purposes of teaching and or/guiding the students registered for the PhD programme, any member of the academic staff should be re-employed, it may re-employ such a member till the end of the semester or the academic session in which he /she attains the age of superannuation as may be considered appropriate in the circumstances of each case.”

In terms of this, the Board authorized the Director to take appropriate action in respect of Prof. Krishna Barua for re-employment for the remaining period of the Academic Session that is, till 30.06.2016.

E. Revision in the effective date of Research Assistantship (5 year tenure) from 10.07.2015 to 01.10.2014 irrespective of their academic stream as per the latest information of MHRD corrigendum issued under Ref. No. F.No.17-02/2014-TS-I dated 24.11.2015. The relevant OM enclosed as **Annexure-9**(p109).

The following additional items were taken up by the Board with the permission of the Chair

Item No. 16

Nomination of External member of the Senate from the field of Science and Humanities & Social Sciences:

As per clause 14(d) of the Institute of Technology Act, for appointment of external members for the Senate inter alia provides for the following:

“three persons not being employees of the Institute to be nominated by the Chairman in consultation with Director, from among educationist of repute, one each from the fields of science, engineering and humanities”.

The term of Prof. A.C Bhagabati external nominee of the Senate was over on 05.03.2016 and Prof. B.P. Chetiya another external member of the Senate informed his inability to continue as an external member of the Senate. As such, the Director of the Institute nominated the following persons in the field of Science and Humanities for a period of two years

Sl. No.	Name	Field	Period
1.	Prof. Birendra Nath Datta	Humanities	for a period of two years
2.	Prof. Anil Kumar Goswami	Science	for a period of two years

The Board was requested to approve the nomination Prof. Birendra Nath Datta for the field of Humanities and Prof. Anil Kumar Goswami for Science for a period of two years as mentioned in the table above.

The Board considered and decided as below:

Resolution No.:R_84BOG/16/2016

RESOLVED to approve the nomination of Prof. Birendra Nath Datta for the field of Humanities and Prof. Anil Kumar Goswami for Science for period of two years as external nominee of the Senate.

Item No 17

Approval to the recommendation of Selection Committee for Faculty positions in the Department of Mathematics.

Selection Committee for faculty positions in the Department of Mathematics met on 12.03.2016 in the Interview room of IIT Guwahati for appointment to the post of Professor, Associate Professor and Assistant Professor. The Committee was chaired by Director of the Institute. The recommendation of the Selection Committee is given as **Annexure –10** (p 110-116).

The Board was requested to accord approval to the recommendation of the Selection Committee with effect from the date of Selection Committee meeting i.e. 12.03.2016 for

internal candidates and date of joining for external candidates.

The Board considered and decided as below:

Resolution No.:R_84BOG/17/2016

RESOLVED to approve the recommendation of the Selection Committee for appointment to the post of Professor, Associate Professor and Assistant Professor in the Department of Mathematics with effect from the date of selection committee meeting i.e. 12/03.2016 for internal candidates and date of joining for external candidates as below:

Recommendation for the post of Professor:				
Sl No	Name	Recommended for	Initial Pay	Remarks
1.	Dr. N. Selvaraju	Professor	As per rules	-
Recommended for the post of Associate Professor:				
1.	Dr. Rupam Barman	Associate Professor	As per rules	-
2.	Dr. Gautam Kumar Das	Associate Professor	As per rules	-
3.	Dr. Bhupen Deka	Associate Professor	As per rules	-
Recommendation for the posts of Assistant Professor:				
1	Dr. Subhamay Saha	Assistant Professor	As per rules	Not for Public Domain
2.	Dr. Ayon Ganguly	Assistant Professor	As per rules	Not for Public Domain
3.	Dr. Sweta Tiwari	Assistant Professor	As per rules	Not for Public Domain
All the candidates , on satisfactory performance at IIT Guwahati and completion of 3 years of work experience from the date of PhD. Submission, to be placed in the regular position of PB Rs.30000/- and AGP Rs.8000/-				

Item No 18

Administrative Approval and financial sanction for site development works at various locations of the campus.

In order to create different facilities in the campus including construction of building, it has

become necessary to execute site development works at different locations as detailed below:-

A) Development of parking facility for the new Guest House.

The construction of a new Guest House in the campus has been partly completed and handed over for accommodation. The Guest House is being constructed on a hillock and in the plan, there is no place earmarked for parking. Therefore, it is proposed to develop a parking place by filling up the low lying area in between the Guest House and the Hospital.

B) Site development for the construction of Bio-science and Bio-Engineering Department building of the Institute.

The 77th B&WC held on 23.03.15 approved the proposal of construction of a Bio-Science & Bio-Engineering Department building. The site for the building has been finalized by a committee constituted by the Institute in the western side of the Research Building currently under construction. Based on the topography of the location, earth filling up to about 3.5m to 4 m is required.

C) Development of parking facility for IITG Hospital.

Available parking space in the hospital of the Institute is very small which can accommodate hardly 8 to 10 vehicles including the ambulances. With the increase of faculty, staff & student, it has become necessary to create more parking space in the hospital. It is therefore proposed to develop parking space by filling up a portion of the land adjacent to hospital.

The proposal for the above site development works were approved by the 79th B&WC meeting held on 21st March 2016 along with the estimates as shown below-

Development of parking facility for the new Guest House	Rs. 34,75,000.00
Site development for the construction of Bio-science and Bio-Engineering Department building of the Institute.	Rs.78,64,000.00
Development of parking facility for IITG Hospital.	Rs 95,63,000.00
Total	Rs. 2,09,02,000.00

The **BOARD** was requested to consider the estimate and accord administrative

approval and financial sanction for an amount of Rs. 209.02 Lakhs considering a future escalation of 10 % of the estimate.

The Board considered and decided as below:

Resolution No.:R_84BOG/18/2016

RESOLVED to accord administrative approval and financial sanction of Rs. 219.38 Lakhs considering a future escalation of 10 % of the estimate for site development works at various locations of the campus as mentioned above in details.

Item No 19

Administrative Approval and financial sanction for construction and repairing of some internal roads of the IIT Guwahati campus through Assam Public Works Department (NH Works)-(Phase-III)

The internal roads of the IITG Campus were constructed long back and the repairing and renovation works were executed by the Institute till early 2014. However, since March' 2014, repairing & renovation works including construction of new roads are being executed through the APWD (Building & NH) as deposit works. In the 1st phase, construction and repairing works of internal roads for a total value of Rs. 830.00 Lakhs was allotted to Assam PWD (shortly APWD) as deposit works. Thereafter, a few more roads for Rs 250 lakhs were added to the already allotted works as per approval of the 81st BOG dated 07.06.2015. Further, due the honourable Prime Minister's visit to the campus on 19.01.2016, some more roads were to be repaired on emergency basis and APWD was allotted these deposit works under phase II as per the approval of the 78th (Special) B&WC held on 08.01.2016 for a total value of Rs. 2,34,33,000.00. The proposal for administrative approval for the same has been placed at item no-11 of this BOG.

Now, some of the remaining roads are proposed to be repaired through APWD (Building & NH) as fresh deposit work under phase III. In this connection, a proposal and estimate was placed in the 79th B&WC meeting held on 21st March 2016 for Rs. 1105.97 Lakhs as per estimate submitted by APWD (Building & NH). The committee approved the proposal and recommended for administrative approval by the Board.

The **BOARD** was requested to consider the estimate of Rs. 1105.97 Lakhs and accord

administrative approval and financial sanction for the same. The mode of payment for the work will be mutually decided through discussion between APWD and the Institute.

The Board considered and decided as below:

Resolution No.:R_84BOG/19/2016

RESOLVED to accord Administrative Approval and Financial Sanction of an amount of Rs. 1105.97 Lakhs for construction and repairing of some internal roads of the IIT Guwahati campus through Assam Public Works Department (NH Works)-(Phase-III).The Board has also requested for proper supervision of the work.

Item No 20

Minutes of the Seventy Seventh and Seventy Eight (Special) Meeting of the Building and Works Committee of the Institute held on 24.03.2015 and 08.01.2016.

The Board considered the Minutes of the Seventy Seventh Meeting and Seventy Eight (Special) Meeting of the Building and Works Committee of the Institute which was held on 24.03.2015 and 08.01.2016 and placed before the Board in terms of the Section 6(8) of the Statute.

The Board considered and decided as below:

Resolution No.:R_84BOG/20/2016

RESOLVED that the Minutes of the Seventy Seventh and Seventy Eight (Special) Meeting of the Building and Works Committee of the Institute held on 24.03.2015 and 08.01.2016 and placed before the Board in terms of the Section 6(8) of the Statute be **NOTED**.

Item No. 21

Chief Guest and the date for holding the Eighteenth Convocation of IIT Guwahati

Conventionally Convocation of the Institute is held during the month of May-June every year. This time Prof. J.N. Goswami, a well acclaimed Physicist of the Country and former Director Physical Research Laboratory, Ahmedabad has kindly consented to be the Chief Guest of the convocation. As such it was proposed to hold the Eighteenth convocation of

the Institute on 22.06.2016.

The Board was requested to consider and approve the proposal.

The Board considered and decided as below:

Resolution No.:R_84BOG/21/2016

RESOLVED that Prof. J.N. Goswami, a well acclaimed Physicist of the country and former Director Physical Research Laboratory, Ahmedabad be **INVITED** as the Chief Guest the forthcoming 18th Convocation and the same be held on 22.06.2016.

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

(U. C. Das)
Registrar & Secretary
Board of Governors,
IIT Guwahati

INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI
MINUTES OF THE
EIGHTY THIRD MEETING OF THE BOARD OF GOVERNORS
HELD ON 26th DECEMBER, 2015

The Eighty Third Meeting of the Board of Governors of the Institute was held on 26.12.2015 in the Conference Room of IIT Guwahati Guest House, Guwahati and the following members were present:

- | | |
|------------------------------|------------------------|
| 1. Dr. R. P. Singh | Chairman |
| 2. Prof. Gautam Biswas | Director / Member |
| 3. Prof. Asis Dutta | Member |
| 4. Prof. D.B Goel | Member |
| 5. Prof. M. K. Chaudhuri | Member |
| 6. Mr. Pydah Venkatanarayana | Member |
| 7. Prof. Arun Chattopadhyay | Member |
| 8. Mr. U. C. Das | Registrar / Secretary. |

Prof. Rafikul Alam, Mr. C. Lalhmachhuana and Commissioner & Secretary to the Govt. of Assam could not attend the meeting due to their prior engagements and/or inconveniences and they were granted leave of absence.

The agenda for the day was taken up as below:

Item No. 1

Chairman's Welcome address and appraisal, if any:

The Chairman welcome all the members of the Board and wished all of them a Very Happy and Prosperous New Year - 2016. There was no appraisal.

Resolution No. : R_83 BOG/01/2015

Resolved that the welcome address of the Chairman be **NOTED**.

Item No. 2

Confirmation of the Minutes of the 82nd Meeting of the Board of Governors of the Institute held on 29.09.2015:

The Eighty Second Meeting of the Board of Governors of the Institute was held on 29.09.2015 at the Conference Room of Institute Guest House. The Minutes of the meeting were circulated amongst the members of the Board for their comments / observations, if any. No comment was received from any member of the Board.

The Board was requested to consider and confirm the minute.

The Board resolved as below:

Resolution No. : R_83 BOG/02/2015

RESOLVED that the Minutes of the 82nd Meeting of the Board of Governors of the Institute held on 29.09.2016 be **CONFIRMED** as enclosed in **Annexure-1P (41-88)**.

Item No. 3

Follow up actions of the decision of the 82nd Meeting of the Board of Governors of the Institute held on 29.09.2015:

Follow up action taken report on the resolution of the 82nd Meeting of the Board of Governors of the Institute held on 29.09.2015 including those pending from the previous meetings were placed before the Board for consideration and the Board was requested to note. It was reported that the actions have been taken as per decisions.

The Board considered the same and resolved as below:

Resolution No. : R_83 BOG/03/2015

RESOLVED that the actions taken on the decisions of the 82nd Meeting of the Board of Governors held on 29.09.2015 be **NOTED** as reported.

RESOLVED further that the circulars which are proposed to be issued after confirmation of the proceedings of the 82nd BOG meeting be issued.

Item No. 4

Administrative Approval and Expenditure Sanction for construction of Estate Office building of the Institute in the IITG Campus:

The Board was informed that presently the Engineering Section is looking after the ongoing construction activities and is functioning from the Administrative building of the Institute. A total of 19 engineers, 6 supporting staff and the Dean (IPM) are accommodated in an area of 260 sq m. However the Assoc. Dean, IPM is accommodated at the basement of the Library and CC building. In addition to the old files, the drawings and tender documents, which are stored in steel almirahs, are occupying the entire space inside the room making it very congested even for movement in and out of the room. The old files and the tenders can't be disposed as majority of them are not old enough for their disposal as per laid down rules. These may be required for Audit or other such purposes in future. Further there is no space for accommodating any new staff on fresh appointment. Still further there is no space for meetings, tender opening etc. for which presently Deans' chamber is used. The Maintenance Section which is looking after the maintenance of the already created infrastructure is functioning from the basement of the Library and CC building. This section is also under the administrative control of Dean and Associate Dean, (IPM).

Coordination between both the sections is essential for smooth and effective functioning of the Institute Estate Department. As both the sections are in different buildings, coordination has become difficult. As such, it is proposed to construct a new Estate Office Building of the Institute in the IITG campus. The area adjacent to the Substation in front of the Library and CC Building has been proposed for the Estate Office building.

An estimate amounting to Rs.12,06,66,000.00 prepared based on DSR-2014 and market rates for non-schedule items was placed in the 77th meeting of the B&WC for approval. The committee found the cost per sq m of the building on higher side and therefore advised to recast the estimate to lower the cost and authorized the Director as Chairman, B&WC to approve the recast estimate for invitation of the tender. Accordingly, the estimate was recast and the estimate of Rs.10,99,16,000.00 was approved by the Director as Chairman, B&WC.

As the estimate is prepared based on DSR-2014 rates, the B&WC suggested that the

estimated amount may be increased by 20% (10% increase over DSR 2014 to match the present market rate and +10% increase for future escalation) for obtaining Administrative Approval & Expenditure Sanction from the Board. Therefore, an amount of Rs.1320.00 lacs is proposed for accord of Administrative Approval & Expenditure Sanction.

The Board was requested to consider and accord Administrative Approval for the construction of Estate Office building of the Institute and Expenditure Sanction for an amount of Rs.1320.00 lacs.

The Board discussed the matter elaborately and the need for the Estate Building was appreciated but was of the opinion that the cost per sq m of the Building was on the higher side. The Board also opined that design and outlay should be looked into again. Further, the Board expressed its view that such project should be taken up when the pending work are nearly complete (say 95%). Accordingly, the Board decided as below:

Resolution No. : R_83 BOG/04/2015

RESOLVED to approve construction of the Estate Office . However, the Board suggested that the cost per sq m of the proposed Estate Building and its design and outlay be re-examined and revised, if necessary and be reported in the next meeting of the Board.

RESOLVED further that the work be taken up on completion of about 95% of the present ongoing construction work of the Institute. (**The Board discussed and agreed to drop this part during confirmation of the 83rd Minutes in the 84th meeting held on 24.03.2016**)

Item No. 5

Administrative Approval and Expenditure Sanction for construction of Pre-Primary School and Day Care Centre at IIT Guwahati campus.

The Board was informed that at present, a Primary School is being run from a temporary Assam Type building constructed in the year 1996 in the campus of IIT Guwahati. This was the first building temporarily constructed in the campus for accommodating the site engineers of the Institute. The engineers were coming from the city office of the Institute at the Institution of Engineers (India) Building, Panbazar for overseeing the construction work

in the campus. A part of the building was constructed as a godown to store electrical materials like cables etc. The building was later converted to IITG School. After taking over of the IITG School by Kendriya Vidyalaya Sangathan, the school was shifted to the new KV School building in the campus. The temporary building was then converted to Pre-Primary School in the year 2007 with the name "Akshara". As the building was temporarily constructed and 18 years had already passed, it is not suitable to house a Pre-Primary (Nursery) School for the children. The Day Care centre was constructed to accommodate the IITG School which was later on renovated is also run from a temporary Assam Type building adjacent to the Primary School. This building to accommodate the Day Care Centre. Moreover, one 33KV high tension (HT) line passes over the Day Care Centre, which may cause health hazard to the infants.

As such, it is proposed to construct permanent RCC buildings for Pre-Primary School and the Day Care Centre within the IITG Campus.

The present location is not sufficient to accommodate the Pre-Primary School and Day Care Centre, because of the overhead line, permanent road and Ghorajan Nallah in the three sides. The area in front of the KV School was found suitable for the Pre-Primary School and the Day Care Centre. In such case, all the schools in the campus will be located in a single location.

An estimate amounting to Rs.10,64,13,000.00 prepared based on DSR-2014 and market rates for non-schedule items was placed in the 77th meeting of the B&WC for approval. The committee found the cost per sq m of the building on higher side and therefore advised to recast the estimate to lower the cost and authorized the Director as Chairman, B&WC to approve the recast estimate for invitation of the tender. Accordingly, the estimate was recast and the estimate of Rs.9,29,22,000.00 was approved by the Director as Chairman, B&WC.

As the estimate is prepared based on DSR-2014 rates, the B&WC suggested that the estimated amount may be increased by 20% (10% increase over DSR-2014 to match the present market rate and add 10% increase for future escalation) for obtaining Administrative Approval & Expenditure Sanction from the Board. Therefore, an amount of Rs.1100.00 lacs is proposed for accord of Administrative Approval & Expenditure

Sanction.

The Board was requested to consider and accord Administrative Approval for the construction of Pre-Primary School and Day Care Centre at IIT Guwahati campus and Expenditure Sanction for an amount of Rs.1100.00 lacs.

The Board discussed the matter elaborately and the need for the Pre-Primary School and Day Care Centre Building was appreciated but was of the opinion that the cost per sqm of the Building was on the higher sides. The Board also opined that design and outlay should be looked into again. Accordingly, the Board decided as below:

Resolution No. : R_83 BOG/05/2015

RESOLVED that Administrative Approval and Expenditure Sanction for an amount of Rs.1100.00 lacs for the construction of Pre-Primary School and Day Care Centre within the IITG Campus in the area in front of the KV School as marked in the copy of the master plan of IITG placed at **Annexure-2 P (89-90)** be **ACCORDED** in principle.

RESOLVED further that the cost per sq m of the proposed Pre-Primary School and Day Care Centre Building and its design and outlay be re-examined and revised, if necessary and be reported to the Board for information.

Item No. 6

Grievance received from a few Junior Technical Officers of the Institute forwarded by the Director, Public and Staff Grievance of the Institute:

The Board was informed that a letter forwarded by the Director, Public and Staff Grievances, IIT Guwahati regarding receipt of grievances received from four Junior Technical Officers of the Institute belonging to Department of Design and Mechanical Engineering. They are in the Pay Band-2 and Grade Pay Rs. 5400/-. This is a Group-B post. It was mentioned that a post with Pay Band-3 but with same Grade Pay Rs. 5400/- is a Group-A post and as per GOI notification on salary structure, such post are to be filled up by Direct Recruitment.

As per the grievances of the applicants, they should have got Technical Officer Position by now as they have already completed more than fifteen years of service at IIT Guwahati. In

their letter they have stated that, employees of their status in some other sections of the Institute have been promoted to posts equivalent to Technical Officer. No provision has been kept for Technical staff to be promoted to the officer grade in the rule of the Institute. They have also stated that in some other IITs, NITs and some other equivalent national engineering Institutes there is provision for their kind of Technical staff to be promoted to the Technical Officer position after a certain period of time.

The matter was examined administratively and it was observed that contrary to their statement, there is provision in the Institute for the post of Technical Officer in the grade of Technical Officer Grade II with Pay Band-3 and Grade pay Rs. 5400/-. But this is a post with provision of 100% direct recruitment. Similar posts also exist for direct recruitment in Registry as Asst. Registrar and Engineering as Asst. Executive Engineer with same Pay Band-3 and Grade pay of Rs. 5400/-. However in these two posts, there is provision of 25% promotion (for Asst. Registrar) and 50% promotion (for Asst. Executive Engineer) which is not there in case of Technical Officer Grade II. The Board was informed that what was understood from the grievance of the applicant is that they desire to be placed with Pay Band-3 keeping the same Grade Pay of Rs. 5400/-. This Pay Band and Grade Pay, as stated above, is meant for Direct Recruitment and such posts will be designated as Technical Officer Grade II.

The Board was requested to consider and decide.

The Board discussed and was of the opinion that the grievances of the above employees be taken care of following the guidelines of the Department of Personal and Training (DoPT), Govt. of India. Accordingly, the Board decided as below:

Resolution No. : R_83 BOG/06/2015

RESOLVED that grievance received from a few Junior Technical Officers of the Institute forwarded by the Director, Public and Staff Grievance of the Institute be taken care of as per the provision of the Department of Personal and Training (DoPT), Govt. of India.

Item No.7

Feedbacks on Procedure, Rules and Guidelines on Disciplinary Proceedings against an employee of the Institute from Faculty Forum and a few employees.

The 81st meeting of the Board held on 07.06.2015 considered the Procedure, Rules and Guidelines of Disciplinary Proceedings against an employee of the Institute and resolved vide Resolution No. R_81 BOG/15/2015 dated 07.06.2015 that the same be approved. There were some discussion on the above mentioned Procedure, Rules and Guidelines during confirmation of the proceeding in the 82nd meeting of the Board held on 29.09.2015 and Board vide Resolution No. R-82BOG/02/2015 decided that the Procedures, Rules and Guidelines of the Disciplinary proceedings be electronically circulated by the Registrar amongst the teaching and non-teaching employees of the Institute with a request to comment. Accordingly, Registrar circulated the same electronically by email. A number of comments were received including one from Faculty Forum. These were compiled. Again, as per directive of the Board, Registrar forwarded these feedbacks to Prof. D. B. Goel for further suggestion.

Prof. Goel examined the same and placed his suggestions before the Board, which is placed as **Annexure-3 P(91-92)**.

The Board considered the same and accepted the suggestions given by Prof. Goel. However the Board observed that though most of the comments were constructive, some of the wordings used in some of the comments like the use of words like “draconian and regressive” were not acceptable. Again the Board viewed that the comments received from Prof. Pradeep Yammiyavar, Prof. Sanjay Kr. Bose and Dr. Saswata Shannigrahi were not the befitting ones.

Accordingly, the Board decided as below

Resolution No. : R_83 BOG/07/2015

RESOLVED that the suggestions given by Prof. D. B. Goel be accepted and the same be incorporated in the Procedure, Rules and Guidelines on Disciplinary Proceedings. **Following the suggestions of Faculty Forum, Prof. Goel deleted clauses 4(2) and 4(3) from the earlier version of the document.** The final copy of the Procedure, Rules and Guidelines on Disciplinary Proceedings is placed at **Annexure-4 P(93-110)**

RESOLVED further that Prof. Pradeep Yammiyavar, Prof. Sanjay Kr. Bose and Dr. Saswata Shannigrahi be called to the next Board meeting and they be conveyed about the concerns of the Board on their comments. In addition, advisory letters to be issued to

above mentioned faculty members to refrain from using derogatory comments on even internal communications as IITs are Institutions of national pride and lead from front in building national culture and pride.

Item No.8

Implementation of comprehensive end-to-end e–procurement at IIT Guwahati :

The Board was informed that the Ministry of Finance vide OM No.10/3/2012-PPC dated 09.01.2014 has directed all the Ministry/Departments of the Central Government, their attached and subordinate offices to commence e-procurement in respect of all procurements with estimated value of Rs.5.00 lakh or more w.e.f. 01.04.2015 and all procurements with estimated value of Rs.2.00 lakh or more w.e.f. 01.04.2016 respectively through the Central Public Procurement Portal (CPP portal/other service provider/ other e-procurement solutions developed in–house) provided the conditions/guidelines envisaged in the O.M. No.10/3/2012-PPC dated 30.03.2012 are fulfilled. It was further clarified by Ministry of Finance vide OM No.26/12/2014-PPC dated 21.01.2015 that Central Autonomous Bodies are also required to commence e-procurement as per above threshold limit.

In this regard, to explore the feasibility and pros and cons, a Committee consisting of the stakeholders including few experts from the department of Computer Science and Computer Centre was formed and a meeting was convened to discuss about adopting the process of e- procurement / e-tendering at the Institute. The Committee recommended for Implementation of e-procurement/ e-tendering for purchase and work

In the light of above, the Board was requested to consider and approve implementation of e-procurement/ e-tendering for purchase and work. The Board was also requested to approve implementation of the same through NIC portal of the Government.

The Board resolved as below:

Resolution No. : R_83 BOG/08/2015

RESOLVED that the proposal of implementation of e-procurement/e-tendering for purchase and work in the Institute be **APPROVED**.

RESOLVED further that the implementation of the e-procurement/e-tendering for purchase and work be made through NIC portal of the Government.

Item No. 9

Financial support to Akshara Pre-Primary School for long term sustainability of Pre-Primary level education in IITG campus:

The Board was appraised that the Institute of Technology Act, 1961 as amended upto date under Chapter II, Section 6-“Powers of Institute”, under sub section 1(n), provides::

“Subject to the provisions of this Act, every Institute shall exercise the following powers and perform the following duties, namely:

(n) to do all such things as may be necessary, incidental or conducive to the attainment of all or any of the objects of the Institute.”

In terms of the above, it is very essential to do welfare of the faculty members, who has come from all over the country so that they can fully devote themselves for teaching and research. This is also applicable to the research scholars who are married. One such welfare measures is the provision for good pre-primary teaching for the children of the young married faculty members and research scholars. This will also be helpful to the welfare of staff who in turn provide all the supporting services the faculty members and the research scholars in addition to the students.

In view of the above, a Pre-Primary school with the name “Akshara” was established as early as 2004. The Institute also made some space (not very adequate) and furniture available. In addition, some other facilities which were required to run the School, like Black Board, Photostat Machine etc. were also provided by the Institute. But there was little scope for the Institute to make payment of salary to the teachers and staff of the School. The fund collected by means of tuition fees was very inadequate. However these teachers and staff are doing a commendable job by devoting their time in teaching the students in lieu of a poultry amount out of the tuition fees received from the students. The amounts are even less than the minimum wage of the government.

As such, it is proposed to finance the school with an amount of Rs.60,000/-per month. It is also proposed to include an amount of Rs. 10 lakhs in the Annual Budget of the Institute for maintenance of the Pre-Primary School located within the Institute and Director may be authorised to release the fund as per requirement of the School. The details of the

justification of the above amount were circulated amongst the members.

The Board was requested to consider and approve.

The Board discussed and decided as below

Resolution No. : R_83 BOG/09/2015

RESOLVED that financial assistance as per requirement up to a maximum amount of Rs. 60,000/- (Rupees Sixty thousand) per calendar month be granted to the Pre-primary School, named "Akshara" to meet expenditures related to salary, infrastructure and other facilities of the School as per the norms and guidelines as at Annexure-5 P(111-112).

RESOLVED further that the Director of the Institute be **AUTHORISED** to sanction the above financial assistance to the Pre-Primary School.

RESOLVED further that an amount of Rs. 10 lakhs be included in the Annual Budget of the Institute for maintenance of the Pre-Primary School located in the campus.

Item No. 10

Renaming the " Alumni Affairs and External Relations (AAER)" Section of the Institute to "Alumni and External Relations" shortly "AER":

The Board was appraised that the mission and vision of the present Alumni Affairs and External Relations (AA&ER) has changed dramatically from its initial days. Today, AA&ER has expanded considerably with a view to internationalize IIT Guwahati, in global forefront. Whilst the existing name of the office matched its original mandate, it was proposed to rename the section "Alumni Affairs and External Relations (AA&ER)" to "Alumni & External Relations, shortly "AER".

The Board was requested to consider and approve.

The Board agreed and resolved as below:

Resolution No. : R_83 BOG/10/2015

RESOLVED that the "Alumni Affairs and External Relations" Section of the Institute be renamed as "Alumni and External Relations" Section, shortly "AER".

Item No. 11

Amendments in Ordinance on code and Conduct of Students of the Institute:

The Board in its 69th meeting held on 24/5/2012 approved the “Ordinance on Code and Conduct of Students” of the Institute and in its 76th meeting held on 25/2/2014 approved some revision in the “Ordinance on Code and Conduct of Students” of the Institute.

Now, considering the appointment of two Associate Deans of Students’ Affairs and utilization of expertise of the Students’ Counsellors, it is proposed to include them in the Students’ Disciplinary Committee (SDC) as members by making amendment in the clause 4.1.5 in the Ordinance as circulated amongst the members of the Board.

The Board was requested to consider the proposed amendment and approve.

The Board resolved as below:

Resolution No. : R_83 BOG/11/2015

RESOLVED that the proposed amendments in the clause 4.1.5 in the Ordinance as given below be **APPROVED**.

Amended Clause No. 4.1.5

4.1.5 Students’ Disciplinary Committee (SDC)

- | | |
|---|--------------------|
| i. Dean of Students’ Affairs | – Chairman |
| ii. Associate Dean of Students’ Affairs - 1 | – Member |
| iii. Associate Dean of Students’ Affairs - 2 | – Member |
| iv. Chairman, Hostel Affairs Board, or
his nominee from Warden Council | – Member |
| v. Two faculty members | – Members |
| vi. One of the Students’ Counsellors | – Member |
| vii. Vice-President, Students’ Gymkhana | – Member |
| viii. Dy./Asst. Registrar (Students’ Affairs) | – Member Secretary |

In addition, the Chairmen of the respective Committees may invite any other persons to be associated with the proceedings of a particular case, if their participation is considered necessary in disposing of the matter.

Item No. 12

Discussion about the research output and achievements of the faculty at National

and International level:

The Board was appraised that the faculty members of the Institute have been actively publishing research papers in the national and international journals as well as in conference proceedings.

The number of papers published in research journals and conference proceedings in the year 2014-2015 is 1250. It was mentioned that IIT Guwahati ranks seven among the leading science and research institutions in India in terms of research citation. Science journal “Nature” has identified the top ten institutions by comparing the citation rates in Elsevier’s Scopus database for Indian institutions that produced more than 2,000 papers between years 2010 and 2014. IIT Guwahati has citation impact of 1.07 with 3,700 papers in Elsevier's database for the said years. Achievement and awards received in research by some of the faculty members during the last year was circulated amongst the members of the Board.

The Board was requested to discuss and guide the Institute in this respect.

The Board discussed and was of the opinion that the matter need full one day discussion.

Accordingly, the Board decided as below:

Resolution No. : R_83 BOG/12/2015

RESOLVED that the matter related to research output and achievements of the faculty at National and International level be discussed in a full one day meeting of the Board.

Item No. 13

Discussion on Power and Function of Board of Governors with reference to Senate and BWC of the Institute:

For initiation of the discussion, the following subjects as in the Institute Technology Act 1961, as amended up to date, the Statute and the Ordinances were circulated amongst the members of the Board.

- A. Main function of the Board
- B. Authorities of an Institute
- C. Responsibility of Senate
- D. Powers of the Senate
- E. Functions of Building and Works Committee

The Board was requested to discuss and guide the Institute in this respect.

The members discussed and deliberated.

The Chairman expressed his concern over the sensation created by the “Dr. R. P. Singh Gold Medal”. He expressed that his good-hearted and well meaning intention to introduce the “Dr. R.P. Singh Gold Medal” was misinterpreted and this be conveyed to the Senate. He also opined that Board is the highest authority and any decision taken in the Board should be respected.

In terms of the above, the Board decided as below:

Resolution No. : R_83 BOG/13/2015

RESOLVED that the above discussion be noted and necessary action be taken as deem fit and suitable.

Item No. 14

Discussion about the suicide cases of the students in the Institute:

The Board was informed that during the past years five suicide cases by the students took place in the Institute. This had shocked the Institute. It was conveyed to the Board that the Institute took up the matter very seriously and took a number of measures.

The Board was also informed that a numbers of measures were taken by the Institute. Some of the initiatives taken to encourage students to join de-stressing and other motivational / psychological activities are as below:

1. A Counselling Cell with three full time Counsellors from July 2015 for one to one counselling for all first year students mandatorily has been started.
2. Motivational lectures, YES+ workshops, interaction sessions, Art of Living workshops, Yoga workshops etc.
3. Remedial and English Classes by Students' Welfare Board
4. Students can also engage themselves in various activities of their choice through different clubs earmarked for different activities. Altogether, there are 42 clubs.
5. Students' Activity Courses (non-credit) of their choice in the areas of Sports & Games, NCC, Community Service (CoS), Performing Arts : (a) Vocal Music in North Indian Classical Music, Semi Classical Music, Rabindra Sangeet (b) Hindustani Music in Violin or in Tabla (c) Indian Classical Dance
6. Time to time screening of movies through Movie Club
7. Organization of various events by five different boards, Students' Welfare Board,

Cultural Board, Sports Board, Technical Board and Hostel Affairs Board

8. Organization of yearly events, e.g., Alcheringa, Techniche, Udgam, Advaya, Spirit, Tech Evince, Kriti, Manthan, Spardha, Inter IIT Sports Meet and various departmental events etc.
9. Well-equipped sports, gym facilities
10. Students' Activity Centre and Food Court
11. Auditorium, Mini Auditorium, Community Hall, Open Stage for organizing various events and cultural programmes

The Board was requested to discuss and guide the Institute to prevent such cases in future.

Resolution No. : R_83 BOG/14/2015

RESOLVED that measures taken by the Institute be **NOTED**.

Item No. 15

Extension of the period of validity of the panel of Junior Assistant/ Junior Accountant of the Institute for one more year:

The Board was informed that the posts of Junior Assistant /Junior Accountant were advertised vide Advt. No. IITG/R/01/2014 dated 7/2/2014 for filling 25 posts of Jr. Assistant and 5 posts of Jr. Accountant. The Selection Committee constituted for the purpose selected 25 candidates for the post of Junior Assistant and 5 candidates for the post of Jr. Accountant. Except one, all other twenty four (24) candidates selected for appointment of Jr. Assistant joined the Institute and all the five (5) candidates selected for the post of Jr. Accountant joined the Institute as per rule. However, it was found that, there was need for more Jr. Assistants following regular promotion as well as fresh requirement and such vacancies were filled from the waiting list of eligible candidates with the approval of the Director. There are still few candidates in the Waiting list. The normal validity of the waiting list which was for one year has expired. The process of such recruitment is very tedious, time consuming and costly. As such it was proposed to extend the validity of the waiting list for another one year from the date of expiry of the validity of the first year, as there will be some more requirements of Junior Assistant and Junior Accountants.

The Board was requested to consider and approve the proposal of extension of the period of validity of the panel of Junior Assistant/ Junior Accountant of the Institute for one more

year.

The Board considered and decided as below:

Resolution No. : R_83 BOG/15/2015

RESOLVED that the period of validity of the waiting list of eligible candidates for the posts of Junior Assistant/ Junior Accountant in the Institute be extended for one more year from the date of expiry of the validity of the first year (that is up to 25.09.2016).

Item No. 16

Revised list of experts as Board's Nominee for Selection Committee for the Department of Biological Science and Bioengineering for Faculty positions:

The Board was appraised that the existing panel of experts for Selection Committee for faculty positions for the Department of Biological Science and Bioengineering was required to be updated and revised. Accordingly, the same was updated and revised in consultation with the Head of the Department. A copy was circulated amongst the members of the Board.

The Board is requested to consider the list of experts and approve and to authorize the Director to nominate experts from the approved list based on their specialization and availability.

The Board considered and decided as below:

Resolution No. : R_83 BOG/16/2015

RESOLVED that the revised list of experts for selection Committee for faculty positions for the Department of Biological Science and Bioengineering as given as **Annexure-6 P (NOT FOR PUBLIC DOMAIN)** be **APPROVED**.

RESOLVED further that the Director of the Institute be authorised to nominate experts from the approved list based on their specialization and availability.

Item No. 17

Revised list of experts as Board's Nominee for Selection Committee for the

Department of Mathematics for Faculty positions:

The Board was appraised that the existing panel of experts for Selection Committee for faculty positions for the Department of Mathematics was required to be updated and revised. Accordingly, the same was updated and revised in consultation with the Head of the Department. A copy was circulated amongst the members of the Board.

The Board is requested to consider the list of experts and approve and to authorize the Director to nominate experts from the approved list based on their specialization and availability.

The Board considered and decided as below:

Resolution No. : R_83 BOG/17/2015

RESOLVED that the revised list of experts for selection Committee for faculty positions for the Department of Mathematics as given as Annexure-7 P (**NOT FOR PUBLIC DOMAIN**) be **APPROVED**.

RESOLVED further that the Director of the Institute be authorised to nominate experts from the approved list based on their specialization and availability.

Item No. 18

Updating of the Delegation of Powers of the Board and of the Director to different Functionaries of the Institute:

The Board was informed that the powers of the Board and the Director was last delegated to different functionaries of the Institute by the Board in its 72nd meeting held on 26.02.2013 vide Resolution No. R 72/05/2013. With appointment of some Associate Deans and for certain obvious reasons, it has become essential to update the same. Accordingly, a few powers of the Board and the Director are freshly delegated to some of the new functionaries. The full list of the Delegation of Powers of the Board and of the Director to different Functionaries of the Institute after updating the same is placed in the Board indicating the newly delegated functions for consideration of the Board.

The Board was requested to consider and approve.

The Board considered and decided as below:

Resolution No. : R_83 BOG/18/2015

RESOLVED that the revised list of the Delegation of Powers of the Board and of the Director to different Functionaries of the Institute as given as Annexure-8 P (133-152) be **APPROVED**.

Item No. 19

Approval of forwarding of the Annual Report of IIT Guwahati for the year 2014-15 to the Ministry of HRD for placing before the Parliament:

The Board was informed that in respect of the above item, the 82nd meeting of the Board of Governors of the Institute held on 29.09.2015 resolved as below:

***“RESOLVED** that the Annual Report for the year 2014-15 be provisionally **APPROVED**.*

***RESOLVED** further that the Chairman, BOG be authorised to approve forwarding the Annual Report for the year 2014-15 to Ministry of HRD, Govt. of India for tabling before the Parliament. ”*

Accordingly the Annual Report of IIT Guwahati for the year 2014-15 was sent to the Hon'ble Chairman of the Board with a request to approve forwarding the same to the Ministry of HRD for placing before the Parliament. On receipt of his approval, the said Annual Report was forwarded to the Ministry of HRD for placing before the Parliament vide letter under Ref. No IITG/PR-17/MHRD/2015-16/159 dated 04.12.2015.

The Board was requested to consider and approve the action taken.

The Board considered and decided as below:

Resolution No. : R_83 BOG/19/2015

RESOLVED that the action taken by forwarding the Annual Report of IIT Guwahati for the year 2014-15 to Ministry of HRD for placing before the Parliament be **APPROVED**.

Item No. 20

Approval of forwarding of the audited Annual Accounts of IIT Guwahati for the year 2014-15 to the Ministry of HRD for placing before the Parliament:

The Board was informed that in respect of the above item, the 33rd meeting of the Finance Committee of the Institute held on 29.09.2015 resolved as below:

*“**Resolved** that approval of the Audited Annual Accounts for the year 2014-15 including Separate Audit Report be obtained by circulation amongst the Finance Committee members.*

***Resolved** further that Chairman, FC be authorized to forward the Audited Annual Accounts for the year 2014-15 including the SAR to Chairman, BOG for approval.”*

Accordingly, after receiving the Separate Audit Report (SAR) from the office of the Comptroller & Auditor General of India on 26.11.2015, the same was forwarded to the Hon'ble Chairman and the members of the Finance Committee for approval by circulation. Again on receipt of the approval from the Hon'ble Chairman and the members of the Finance Committee, the decision of the 82nd meeting of the Board of Governors of the Institute held on 29.09.2015 was referred which read as below:

*“**RESOLVED** that the approval and recommendation of the Finance Committee to the Board for forwarding the Annual Accounts for the year 2014-15 to Ministry of HRD, Govt. of India for tabling before the Parliament be circulated amongst the Board members for approval.”*

Accordingly the audited Annual Account of IIT Guwahati for the year 2014-15 was sent to the Hon'ble Chairman and the members of the Board of Governors with a request to approve forwarding the same to the Ministry of HRD for placing before the Parliament. On receipt of the approval from the Hon'ble Chairman and the members of the Board of Governors, the said audited Annual Account was forwarded to the Ministry of HRD for placing before the Parliament vide letter under Ref. No IITG/PR-17/MHRD/2015-16/159 dated 04.12.2015.

The Board was requested to consider and approve the action taken.

The Board considered and decided as below:

Resolution No. : R_83 BOG/20/2015

RESOLVED that the action taken by forwarding the audited Annual Accounts of IIT Guwahati for the year 2014-15 to Ministry of HRD for placing before the Parliament be **APPROVED**.

Item No. 21

Inclusion of a few names in the list of experts for nomination of Board's Nominees in the Selection Committee for selection of Group 'A' Officers including Technical

and Scientific Officers:

The Board was informed that as per the provisions clause 12(3)(c),(d) & (e) of the Statutes, the Selection Committees constituted for filling up the various posts mainly Group 'A' posts other than teaching post under the Institute, there shall be one or two nominees of the Board, according to title of the posts. Accordingly, in the last 82nd BoG meeting of the Institute held on 29.09.2015, a revised list of such experts for nomination of Board's Nominees in the Selection Committee for selection of such Group 'A' Officers including Technical and Scientific Officers is prepared and approved by the Board. As advised by the Director of the Institute, a few more names are proposed to be included in the list. The name of the members proposed to be included is as below:

NOT FOR PUBLIC DOMAIN

The Board was requested to consider and approve:

The Board considered and resolved as below:

Resolution No. : R_83 BOG/21/2015

RESOLVED that the following persons be included as experts in the list of experts approved in the 82nd BOG, for nomination of Board's Nominees in the Selection Committee for selection of Group 'A' Officers including Technical and Scientific Officers:

NOT FOR PUBLIC DOMAIN

(The complete approved list is given as **Annexure-9 P** **NOT FOR PUBLIC**

DOMAIN

Item No. 22

Ratification of the approvals accorded by the Chairman, BOG:

Following items approved by the Chairman, BOG were put up before the Board for ratification:

- (A)** Approval to the recommendation of Selection Committee for the post of Assistant Registrar.
- (B)** Approval to the recommendation of the Selection Committee for Faculty Position in the Department of Physics.
- (C)** Approval to the appointment of Prof. Amitabh Mukherjee as Adjunct

Professor in the Centre for Linguistic Science & Technology (CLST).

- (D) Approval to the inclusion of two new members in the Panel of Experts of Appraisal Committee for selecting eligible faculty members for the HAG scale.
- (E) Approval to the appointment of Prof. A.K .Das as Interim Director of IIIT Manipur.
- (F) Approval of Director's visit to Moscow to attend BRIC summit during October 25 to October 29, 2015.
- (G) Approval to Director's visit to GIFU University, Japan during December 14 to December 16, 2015.
- (H) Approval to the recommendation of Appraisal Committee for selecting the eligible faculty members for the HAG scale.
- (I) Approval to Director's visit to Taiwan during December 28, 2015 till January 2, 2016.

Resolution No. : R_83 BOG/22/2015

RESOLVED that the following approvals accorded by the Chairman, BOG be **RATIFIED** as follows:

(A) Approval to recommendation of Selection Committee for the post of Assistant Registrar as under:

Sl. No.	Name	Category	Pay
1.	Shri Dip Jyoti Dutta	UR	As per Rules
2.	Shri Dipon Lal Baishya	UR	As per Rules
3.	Shri Kushal Chandra Das	OBC	As per Rules
4.	Shri A. Wanshai Shynret	ST	As per Rules

(B) Approval to the recommendations of the Selection Committee for the Faculty position in the Department of Physics as under:

I. Recommendation for the posts of Professor:

Sl. No.	Name	Recommended for	Initial Pay	Remarks
1.	Dr. Poulouse Poulouse	Professor	As per rules	-

2.	Dr. Subharadip Ghosh			
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II. Recommendation for the posts of Associate Professor:

Sl. No.	Name	Recommended for	Initial Pay	Remarks
1.	Dr. Arunansu Sil	Associate Professor	As per rules	-
2.	Dr. Santabrata Das			
3.	Dr. Subhash Thota			

III. Recommendation for the posts of Assistant Professor:

Sl. No.	Name	Recommended for	Initial Pay	Remarks
1.	Dr. Kanhaiya Pandey	Assistant Professor	As per rules	NOT FOR PUBLIC DOMAIN
2.	Dr. Sovan Chakraborty	Assistant Professor	As per rules	-do-
3.	Dr. Krishna Kanti Dey	Assistant Professor	As per rules	-do-
4.	Dr. Somanath Choudhury	Assistant Professor	As per rules	-do-
5.	Dr. M. Chakravartula Kumar	Assistant Professor	As per rules	-do-
6.	Dr. I. Sentitemsulmsong	Assistant Professor	As per rules	-do-
7.	Dr. Brajesh Kumar Mani	Assistant Professor	As per rules	-do-
8.	Dr. Tapan Mishra	Assistant Professor	As per rules	-do-
9.	Dr. Debasish Borah	Assistant Professor	As per rules	-do-

10.	Dr. Pankaj Kumar Mishra	Assistant Professor	As per rules	-do-
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- (C) **Approval to the appointment of Prof. Amitabh Mukherjee as Adjunct Professor in the Centre for Linguistic Science & Technology (CLST) for a period of three years w.e.f. December 2015 under the following terms and conditions:**

NOT FOR PUBLIC DOMAIN

- (D) **Approval to the inclusion of two new members in the Panel of Experts of Appraisal Committee for selecting eligible faculty members for the HAG scale as under:**

NOT FOR PUBLIC DOMAIN

- (E) **Approval to the appointment of Prof. A.K. Das as Interim Director of IIIT Manipur with the following terms and conditions:**

- i. Prof. Das will continue to draw his salary from IIT Guwahati.
- ii. His service record will be at IIT Guwahati.
- iii. He will be considered to be on duty by IIT Guwahati during the period he is at IIIT Manipur.
- iv. He will be relieved of day –to-day duties at IIT Guwahati during the period of his appointment, till further orders or till appointment of regular Director, whichever is earlier.

- (F) **Approval to the visit of the Director of the Institute, Prof. Gautam Biswas to Moscow to attend BRIC summit during October 25 to October 29, 2015 to promote higher education as well as key issues of the Russian presidency in BRICS-trade among the BRICS nations, reform of financial institutions, global food security, energy supplies, water resources, IT, cyber security, terrorism, health, poverty etc.**

- (G) **Approval to the visit of the Director of the Institute, Prof. Gautam Biswas to Gifu University, Japan during December 14 to December 16, 2015.** Prof. Biswas was invited by the Gifu University to witness the “Winter School” programme, participate in the discussions on proposed collaborations between IIT Guwahati and Gifu University and to deliver a seminar talk.

- (H) **Approval to the recommendation of the Appraisal Committee for selecting the eligible faculty members for the HAG scale as under:**

Sl. No.	Name	Effective Date
1.	Prof. P. S. Robi	With effect from 07.12.2015
2.	Prof. Sudip Talukdar	
3.	Prof. Sajal Kanti Deb	
4.	Prof. Sashindra Kumar Kakoty	
5.	Prof. Tharmalingam Punniyamurthy	
6.	Prof. Chandan Mahanta	
7.	Prof. Rajen Kumar Sinha	
8.	Prof. Pranab Goswami	
9.	Prof. Arun Goyal	

- (I) **Approval to the visit of Director of the Institute, Prof. Gautam Biswas to National Taiwan University (NTU), Taiwan during December 28, 2015 till January 2, 2016** and also approve the handing over charge to the Dean of Faculty Affairs, Prof. Pinakeswar Mahanta.

Item No. 23

Items approved by the Director:

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

- a. Attendance of Conference / Seminar etc. abroad.
- b. Appointments and Extension of Associate Dean, Chairman etc.
- c. Confirmation of Faculty Members.
- d. Confirmation of Non-faculty Members.
- e. Approval towards granting of deputation to Dr.B. Saibaba, Deputy Librarian, L.N.B. Central Library of IIT Guwahati.
- f. Approval to the recommendation of the Selection Committee for the post of Junior Technical Superintendent in the Central Instruments Facility.
- g. Approval to the recommendation of the Selection Committee for the post of Junior Technician (Civil Engineering).
- h. Approval to appointment of Physiotherapist (temporary positions) in the Institute.
- i. Approval to the appointment Junior Assistant from waiting list of eligible candidates.

- j. Approval to the appointment Mr. U. C. Das, Registrar, as the Interim Registrar of IIIT Manipur.

Resolution No. : R_83 BOG/23/2015

RESOLVED that the following items approved by the Director be **NOTED** as under:

- a. **Attendance of Conference / Seminar etc. abroad: As reported**
b. **Appointments and Extension, Associate Dean /Chairman etc. as under:**

Sl. No.	Name	Position	Period of Appointment / Extension
1.	Prof. Gopal Das, Department of Chemistry	Associate Dean, Research & Development	Appointed for a period of three years with immediate effect from the date of notification of the order i.e.01.10.2015.
2.	Dr. Biman Mandal, Department of Bioscience & Bioengineering	Chairman, Students' Welfare Board	Appointed for a period of two years with immediate effect from the date of notification of the order i.e.04.11.2015.
3.	Dr. Karuna Kalita, Department of Mechanical Engineering	Chairman, Technical Board	Appointed for a period of two years with immediate effect from the date of notification of the order i.e.04.11.2015.

- c. **Confirmation of Faculty Members as under:**

Sl. No.	Name	Post
1.	Dr. Manas Kamal Bhuyan	Associate Professor, EEE
2.	Dr. Anki Reddy Katha	Assistant Professor, Chemical Engineering
3.	Dr. Abhishek Kumar	Assistant Professor, Civil Engineering

- d. **Confirmation of Non-faculty Members as under:**

Sl. No.	Name	Post
1.	Mr. Nayan Kumar Sarma	Assistant Executive Engineer
2.	Ms. Abhilasha M. Baruah	Technical Officer Gr.II
3.	Ms. Manashri Majumdar Bordoloi	Security Officer
4.	Mr. Lankeswar Boro	Superintendent
5.	Mr. Narayan Kalita	

6.	Mr. Manash Jyoti Pathak	
7.	Ms. Banashree Patgiri	
8.	Mr. Rajib Lochan Gogoi	
9.	Mr. Binod Ch. Kalita	
10.	Mr. Amalesh Bhattacharyya	Junior Accounts Officer
11.	Mr. Dharmendra Singh	
12.	Mr. Sunil Sarma	
13.	Mr. Anup Kumar Das	
14.	Mr. Jnanajyoti Barman	
15.	Mr. Raj Kamal Sarmah	
16.	Mr. Gourish Mazumder	Jr. Assistant
17.	Mr. BijuJyoti Pathak	
18.	Mr. Pranjal Kr. Bhattacharyya	
18.	Mr. Pankaj Das	Jr. Attendant

e. **Approval towards granting of deputation to Dr. B.Saibaba, Deputy Librarian, L. N. B. Central Library of IIT Guwahati** for one year w.e.f. 01.11.2015(F.N) to 31.10.2016(A.N.) and enables him to join Indian Institute of Technology, Tirupati as Deputy Librarian (on Deputation).

f. **Approval to the recommendation of the Selection Committee for the post of Junior Technical Superintendent in the Central Instruments Facility (CIF)** in the scale of PB2: Rs.9300-34800/-, Grade Pay Rs.4200/- as under :

Sl. No.	Name	Pay
1.	Mr. Ashim Malakar	As per Rules
2.	Mr. Deep Manoram Barman	As per Rules

g. **Approval to the recommendation of the Selection Committee for the post of Junior Technician in the Civil Engineering Department** in the Department of Civil Engineering in the scale of PB1: Rs.5200-20200/-, Grade Pay Rs.2000/- as under:

Sl. No.	Name	Category	Pay
1.	Sri Saroj Patowary	UR	As per Rules

2.	Sri Balen Kalita	UR	
3.	Sri Saurabh Kr Mudoi	UR	
4.	Sri Madhab Rajbonshi	OBC	

- h. Approval to appointment of Physiotherapist (temporary positions) in the Institute as under:**

Sl. No.	Name	Category	Pay
1.	Sri Krishna Kanta Sarma	-	As per Rules
2.	Sri Kandarpa J. Das	-	

- i. Approval to the appointment of Junior Assistant from waiting list of eligible candidates as under:**

Sl. No.	Name	Scale of Pay
Junior Assistant		
1.	Mr. Munmi Roy Choudhury	PB1 Rs.5200-20200/-,GP = 2000/-
2.	Mr. Susanta Kr. Sarma	
3.	Ms. Jinti Saikia	
4.	Mr. Prasanta Deka	
5.	Mr. Bhupendra Nath Bora	
6.	Mr. Amar Nath Panjiyar	
7.	Ms. Runjun Borah	
8.	Ms. Purobi Das	
9.	Ms. Mishu Paul	
10.	Ms .Madhusmita Gogoi	
11.	Mr. Pulak Rajbongshi	
12.	Mr. Nabajit Rajbongshi	
13.	Mr. Sundeep Borah	
14.	Mr. ManasProtim Das	
15.	Mr. John Sangma Dangou	
16.	Ms. Hamari Jamatia	
17.	Ms. Gauri Khutiya Deori	
18.	Ms. Ruthi Nemhoikim Vaiphei	
19.	Mr. Supriyo Kr Das	
20.	Ms. Smriti Rekha Das	

21.	Mr. Deep Jyoti Sinha	
22.	Ms. Karishma Rubab	
23.	Ms. Nitimoyee Mahanta	
24.	Mr. Saurav Choudhury	
25.	Mr. Rajib Chandra Kalita	
26.	Mr. Dhanjit Talukdar	
27.	Mr. Pragjyoti Sharma	
28.	Ms. Bristi Barnalee Deka	
29.	Mr. Hemanta Changmai	
30.	Ms. Moushumi Rabha	

- j. **Approval to the appointment of Mr. U. C. Das, Registrar, as the Interim Registrar of IIIT Manipur**, in addition to his own duty at IITG as the Registrar of the Institute.

Item No. 24

Items for Reporting to the Board:

The following items were reported to the Board for noting:

The Board considered and resolved as below:

Resolution No. : R_83 BOG/24/2015

RESOLVED that the following items as reported to the Board be **NOTED**:

- A. Permission received from Competent Authority of the Ministry of HRD for shooting of a film by Mr. Sekhar Kammula in IIT Guwahati after approval of the Board of IIT Guwahati in its 82nd Meeting.**
- B. Standing Committee of Grievances constituted by IIT Council to look into appeals/representations relating to IITs, referred to it by the MHRD with the following persons:**
1. Dr. Pawan Goenka, Chairperson, BoG, IIT Madras.
 2. Prof. Ashok Misra, Chairperson, BoG, IIT Roorkee
 3. Dr. Srikumar Banerjee, Chairperson, BoG, IIT Kharagpur

The following additional items were taken up by the Board with the permission of the Chair

Item No. 25

Engagement of Professor Emeritus, Prof. D. N. Buragohain for another year in teaching and research in the Department of Civil Engineering:

The Board was informed that Prof. D. N. Buragohain was conferred the 1st Honorary Professor Emeritus of IIT Guwahati along with some facilities/ honours which were extended to him. This also includes one, such that as and when required the Institute may call upon Prof. Buragohain to assist in any capacity some academic responsibility commensurate with his stature as a respected academic personality.

After his acceptance as the Honorary Professor Emeritus of IIT Guwahati, Prof. Buragohain had taken up the responsibility to teach UG course CE402 from January, 2015 to November, 2015. On the basis of performance profile and the huge impact created by Prof. Buragohain during his recent period of stay in the Department of Civil Engineering the Director of the Institute has decided to further extend his period of stay at IIT Guwahati for 1(one) more year w.e.f. 01.12.2015 to 30.11.2016, under the same terms and conditions.

The Board was requested to ratify the approval of the Director of the Institute.

The Board considered and resolved as below:

Resolution No. : R_83 BOG/25/2015

RESOLVED that the approval of the Director, on further extension of the term of Prof. D. N. Buragohain for 1(one) more year w.e.f. 1st December 2015 to 30th November 2016 under the same terms and conditions be **RATIFIED** and **NOTED**.

Item No. 26

Revised proposal from Centre for Linguistic Science and Technology (CLST) for (a) granting it permission to operate as an academic centre and (b) introducing (i) Ph.D. programme in Linguistic Science and Technology and (ii) Dual (M.S. + Ph.D.) programme in Linguistic Science and Technology.

The Board was informed that the 76th Meeting of the BOG, held on February 25, 2014, vide resolution No. R.76/33/2014, approved the proposal for starting the Centre for Linguistic Science and Technology for studies related to preservation and promotion of indigenous languages of India with special emphasis on North East (NE) India through

Research and Technology Development. The approval granted by the BOG for starting the Centre for Linguistic Science and Technology (CLST) was reported to the 104th Meeting of the Senate, held on March 21, 2014. In the 117th Meeting of the Senate held on September 11 and 16, 2015, the CLST submitted a proposal for introducing (a) Ph.D. programme in Linguistic Science and Technology and (b) Dual (M.S. + Ph.D.) degree programme in Linguistic Science and Technology. After examining the matter, the concerned Senate observed the following:

“The Senate took exception to the fact that the proposal for establishment of the Centre for Linguistic Science and Technology (CLST), to function as an academic Centre, was not placed earlier for consideration of the Senate.

The Senate therefore OBSERVED that a fresh proposal for setting up the Centre for Linguistic Science and Technology (CLST), as an Academic Centre, with details of academic programmes to be offered by it, be placed for consideration of the Senate.”

Accordingly, in the 118th Meeting of the Senate, held on December 21, 2015, the CLST submitted a revised proposal for (a) granting it permission to operate as an academic centre and (b) introducing (i) Ph.D. programme in Linguistic Science and Technology and (ii) Dual (M.S. + Ph.D.) programme in Linguistic Science and Technology. After examining the proposal, the concerned Senate RECOMMENDED the following:

- (a) the Centre for Linguistic Science and Technology (CLST) may be permitted to operate as an academic centre; and
- (b) to start with, the CLST may initiate necessary measures for introducing a Ph.D. programme in Linguistic Science and Technology.

The Board was requested to consider and approve.

The Board considered and decided as below:

Resolution No. : R_83 BOG/26/2015

RESOLVED that the Centre for Linguistic Science and Technology (CLST) be **APPROVED** as an academic centre of the Institute.

RESOLVED further that the Centre for Linguistic Science and Technology (CLST) be permitted to introduce Ph.D. programme in Linguistic Science and Technology.

Item No. 27

Revised list of experts as Board's Nominee for Selection Committee for the Department of Computer Science & Engineering for Faculty positions:

The Board was appraised that the existing panel of experts for Selection Committee for faculty positions for the Department of Computer Science & Engineering was required to be updated and revised. Accordingly, the same was updated and revised in consultation with the Head of the Department. A copy was circulated amongst the members of the Board.

The Board is requested to consider the list of experts and approve and to authorize the Director to nominate experts from the approved list based on their specialization and availability.

The Board considered and decided as below:

Resolution No. : R_83 BOG/27/2015

RESOLVED that the revised list of experts for selection Committee for faculty positions for the Department of Computer Science & Engineering as given as **Annexure-10 P (NOT FOR PUBLIC DOMAIN)** be **APPROVED**.

RESOLVED further that the Director of the Institute be authorised to nominate experts from the approved list based on their specialization and availability.

Item No. 28

Revised list of experts as Board's Nominee for Selection Committee for the Department of Chemistry for Faculty positions:

The Board was appraised that the existing panel of experts for Selection Committee for faculty positions for the Department of Chemistry was required to be updated and revised. Accordingly, the same was updated and revised in consultation with the Head of the Department. A copy was circulated amongst the members of the Board.

The Board is requested to consider the list of experts and approve and to authorize the Director to nominate experts from the approved list based on their specialization and availability.

The Board considered and decided as below:

Resolution No. : R_83 BOG/28/2015

RESOLVED that the revised list of experts for selection Committee for faculty positions for

the Department of Chemistry as given as Annexure-11P (**NOT FOR PUBLIC DOMAIN**) be **APPROVED**.

RESOLVED further that the Director of the Institute be authorised to nominate experts from the approved list based on their specialization and availability.

Item No. 29

Creation of an exclusive Hostel Administration Service (HAS) Cadre at IIT Guwahati and the requisite recruitment rule for the entry level post of Junior Assistant (Hostel).

The Board was informed that presently IIT Guwahati has 10 boys' hostels, 2 girls' hostels and 1 married scholar hostel with almost 5000 students' resident. The office staff posted in the hostels is from the cadre of administrative staff, such as Jr. Assistant, Sr. Assistant, Jr. Superintendent etc. It is viewed that the Staff, who takes care of the hostels should have knowledge on health, hygiene, hostel/hotel management and catering. Again often, in the interest of the Institute, these staffs get transferred to other offices replacing with new staff members. As the work procedure and environment of the hostels are quite different from the other offices of the Institute, most of the time, this transfer posting hampers in smooth functioning of the hostels. As the Institute is getting older and the numbers of students are increasing every year, hostel related problems are also increasing.

Eventually, the Institute in facing a number of unwanted incidents in hostel which needs to be handled by some specialized, experienced and sensitive persons.

In view of the above, the Warden Council of the Institute in its meeting held on 01.10.2015 approved and recommended the proposal for creation of an exclusive Hostel Administration Service(HAS). Consequently, necessary recruitment rule for the entry level post of Junior Assistant (Hostel) is prepared and circulated amongst the Board members. The Warden Council also proposed to consider six days work schedule for this cadre as the current practice of "**Mondays off**" for caretaker is creating problems in hostel administration.

The Board was requested to consider and approve the proposals.

The Board considered and decided as below:

Resolution No. : R_83 BOG/29/2015

RESOLVED that the proposal of creation of an exclusive Hostel Administration Service (HAS) for IIT Guwahati be **APPROVED**.

RESOLVED further that the recruitment rules for the entry level post of Junior Assistant (Hostel) as at **Annexure-12 P(167-168)** be **APPROVED**.

RESOLVED further that in respect of the staff of the Hostel Administration Service (HAS) of the Institute, the number of weekly working days will be six with 7 (seven) hours duty per day.

Item No. 30

Constitution of the Committee to short list projects to be submitted under “Uchchatar Avishkar Yojana Scheme”:

The Board was appraised that to promote innovation of a higher order that directly impacts the needs of the Industry and thereby improves the competitive edge of Indian manufacturing, Hon’ble Minister HRD announced an annual investment of Rs. 250 Cr in the IIT Council meeting on 6th Oct 2015 under ‘Uchhatar Avishkaar Yojana’. The investment is for proposals received from all the IITs and accordingly highly competitive. The project proposals to be submitted under this scheme should have been considered approved by the BoG of the institution. All projects which are received before 31stDecember each year would be considered for funding in the following financial year. The details of the call for proposal is available in **Annexure-13 P (169-170)**. The guidelines for Uchhatar Avishkar Yojana, as forwarded by the Ministry of HRD, GOI is placed as **Annexure-14 P (171-172)**.

A Committee is proposed for looking into the proposals and forwarding the same to the funding agency with the following members:

1. Dean (Research & Development), Chairman
2. Associate Dean (Research & Development), Convenor
3. Dean (Faculty Affairs), Member

The report of the Committee will be placed to the Director, IIT Guwahati. On his approval of the same, the proposals will be forwarded to MHRD.

The Board was requested to consider and approve the Committee and to authorise the Director to forward the project proposal to MHRD.

The Board considered and decided as below:

Resolution No. : R_83 BOG/30/2015

RESOLVED that the following Committee to short list projects to be submitted under “Uchcharat Avishkar Yojana Scheme be **APPROVED**:

1. Dean (Research & Development), Chairman
2. Associate Dean (Research & Development), Convenor
3. Dean (Faculty Affairs), Member

RESOLVED further to authorise the Director of the Institute to forward the recommended and approved project proposals of the Committee to MHRD.

Item No.31

Extension of the term of Adjunct Professor Prof. Dipankar Medhi, Prof. Asish Mukhopadhyay and Prof. Sugata Sanyal in the Deptt. Of Computer Science and engineering.

The Board in its 71st meeting held on 19.11.2012 vide resolution No. R 71/20/2012 approved the objectives and the scheme for appointment of Adjunct Professor at the Institute. In the same meeting, the Board vide the same resolution no. also approved appointment of Prof. Deepankar Medhi, Prof. Asish Mukhopadhyay and Prof. Sugata Sanyal in the Deptt. Of Computer Science and Engineering as Adjunct Professor for a period of 3 years.

In the meantime, the Head of the Department of CSE has informed that all the three Professors will complete their 3 years terms on 31.12.2015. He has also stated that the services of the above named Professors are essential in the interest of the Department. Further the above named Professors have also expressed their willingness to work in the Institute for some more time. The DFAC of the CSE department has also recommended that the term of the three Professors be extended for another period of two years.

The Board was requested to consider and approve the proposal.

The Board considered and decided as below:

Resolution No. : R_83 BOG/31/2015

RESOLVED that the extension of the terms of Prof. Deepankar Medhi, Prof. Asish Mukhopadhyay and Prof. Sugata Sanyal in the Deptt. of Computer Science and Engineering as Adjunct Professor for another period of 2 years be **APPROVED** under the same terms and conditions of initial appointment.

Item No 32

Extra financial help to faculty for attending conference abroad from the interest of IDF Account, if PDA of the Faculty is not sufficient

The Board was appraised that the General Body meeting of the Faculty Forum of the Institute discussed the PDA support to the faculty for attending conferences abroad. It was placed before the Director of the Institute that many a times the amount is too less for attending the conferences abroad. Citing the examples from some other IITs, they requested to explore the possibility of supporting the extra amount incurred for international conferences. The matter was examined and it was observed that due to budget constraints it was difficult to provide additional financial support to the faculty members of the Institute for attending conference abroad. However, Institute has sufficient balance under DPF and PDF account. Further, the Institute is having more than Rs.8.00 crore in IDF Account as on date. Sufficient interest is earned every year on investment of this fund. So it is proposed, that a portion of the interest can be allocated to the faculty members towards additional support for attending conference abroad as and when it is necessary.

The Board was requested to consider and approve.

The Board discussed and decided as below:

Resolution No. : R_83 BOG/32/2015

RESOLVED that extra amount of financial assistance to faculty members for attending conference abroad be provided if PDA of the faculty is not sufficient from the interest of IDF Account with specific approval from the Director of the Institute.

Item No 33

Appointment of Chair Professor for Bimala Prasad Chaliha Chair for Water Resource (BPCCWR) at the Institute:

The Board was informed that for selection of the Chair Professor for Bimala Prasad Chaliha Chair for Water Resource (BPCCWR) at the Institute, a Selection Committee was constituted with two eminent persons from the field of Civil Engineering, namely Prof. P. P. Mujumdar, Professor from IISc Bangalore and Prof B. S. Murty, Professor from IIT Madras. Mr. Narendra Kumar, Chairman Brahmaputra Board represented the Ministry of Water Resources, Govt. of India in the Selection Committee and Prof. Anjan Dutta, Department of Civil Engineering, IIT Guwahati. The resumes and the other details of the candidates were sent to the experts seeking their comments / opinion. Prof. P. P. Mujumdar, Prof. B. S. Murty and Prof. A. Dutta sent their comments.

Later on, Mr. Chamman Lal was appointed as the Vice Chairman of Brahmaputra Board and he was also nominated as a member to attend the Selection Committee meeting on behalf of the Ministry of Water Resources.

The Selection Committee meeting was held on 04.12.2015. All the experts attended the meeting along with Director and Dean of faculty Affairs of the Institute except Prof. B. S. Murty. Prof. Murty was not available on Skype also, may be due to the flood at Chennai. But his evaluation report/comments were discussed in the meeting thoroughly.

The Selection Committee recommended Prof. Arup Kumar Sarma as Chair Professor for Bimala Prasad Chaliha Chair for Water Resource (BPCCWR) for a period of 3(Three) years.

The Board was requested to consider and approve.

The Board discussed and decided as below:

Resolution No. : R_83 BOG/33/2015

RESOLVED that the recommendation of the Selection Committee for appointment of Prof. Arup Kr. Sarma as Chair Professor for Bimala Prasad Chaliha Chair for Water Resources be **APPROVED**.

Item No 34

Charging the Alumni fees at the rate of Rs.1500/- from the final year IITG students of the Institute:

It was placed before the Board that a vibrant, active and effective alumni community is a

critical part of any institution like IITG which is expanding its national and global footprint. As an ambassador of the institution, the alumni forms the most enduring linkages in establishing a platform for engagement with current students, internships, research organizations and academic institutions, placements etc. With a vision that the institute alumni connect ,during the critical initial phase of career building of graduates of the Institute and extends its support to set up of Alumni Chapters initially in all the major cities in India, Seed funding to all Alumni Chapters to initiate Alumni interactions in their respective areas, Building of alumni database, Monitoring of students through a dedicated alumni portal, an amount of Rs.1500/- was proposed to be charged as Alumni Fee from all final year students, starting from the Year 2016 for a period of five years initially as per the proposal which was circulated amongst the members of the Board.

The Board was requested to consider and approve.

The Board considered and approved as below:

Resolution No. : R_83 BOG/34/2015

RESOLVED to charge an amount of Rs.1500/- from all the final year students of IITG starting from the year of 2016, as Alumni Fee, initially for a period of five years as per the proposal and modalities as at **Annexure-15 P(173-174)**.

Item No 35

Administrative Approval and Expenditure Sanction for construction of 15 units of pre-fabricated residential quarters at IIT Guwahati campus:

The Board was appraised that a good number of new faculty members are required to be accommodated in the Institute Guest House as there are no vacant residential accommodation for them. Taking account of emergency requirement of residential quarters it was decided to explore the feasibility of constructing pre-fabricated residential quarters in IIT Guwahati. As such manufacturers of pre-fabricated building were contacted and feasibility was examined. It was found that the pre-fabricated structures can be constructed and two sites within the campus, one along the north west hills side of Mechanical Workshop and other on the way to the view point road were identified.

Accordingly, a proposal of construction of 15 units of pre-fabricated residential quarters was proposed to the Board. The estimated cost of the 15 units of pre-fabricated residential

quarters, including external sewerage, water supply, electricity and road works, and with a floor area of 98.00 sqm is Rs.5,61,54,000/- (Five Crore Sixty One Lakhs Fifty Four Thousand only).

The Board was requested to accord Administrative Approval for construction of the 15 units of pre-fabricated residential quarters and Financial Sanction of Rs.5,61,54000/- .

The Board considered and decided as below:

Resolution No. : R_83 BOG/35/2015

RESOLVED that Administrative Approval and Expenditure Sanction for an amount of Rs.5,61,54000/- for construction of 15 units of pre-fabricated residential quarters within the IITG Campus in the proposed two sites, one along the north west hills side of Mechanical Workshop and other on the way to the view point road be **ACCORDED** in principle.

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

(U. C. Das)
Registrar & Secretary
Board of Governors,
IIT Guwahati

Annexure-2

Revised list of experts as Board's Nominee for Selection Committee
for the Department of Chemical Engineering for Faculty positions

NOT FOR PUBLIC DOMAIN

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Revised list of experts as Board's Nominee for Selection Committee
For the Department of Electronics and Electrical Engineering for Faculty positions

NOT FOR PUBLIC DOMAIN

Annexure-4

DRAFT PROPOSAL FUND RAISING INITIATIVES & ALUMNI CONNECT FOR IIT GUWAHATI

S. No.	SCHEMES	CONTRIBUTIO N AMOUNT IN Rs.	CONTRIBUTIO N HEADS	FUND UTILIZATION PLAN
1	IIT-G Silver Fund	Rs.1500- 500,000	Contribution to individual departments	<ul style="list-style-type: none"> ➤ To support student/research scholars' towards travel/registration to participate in national and international conferences/symposiums ➤ To support students in organizing research meet, student conferences, workshops, socio-cultural meets at the Institute ➤ To provide scholarship to needy and differently-abled students ➤ To support alumni-student meet including travel of visitors/alumni to the institute ➤ Any other request of academic/research interest proposed by the department to AER
			Sports/Cultura l and AER office activities	<ul style="list-style-type: none"> ➤ Partial support to sports/cultural/ tech meets organized by the students Gymkhana ➤ To strengthen facilities of sports/cultural/technical clubs under students Gymkhana ➤ To support travel of IIT-G representatives to participate in national/international meets/academic and co-curricular competitions/sporting events that encourage intellect and social exchange with institutions of national and international repute
			Scholarships & Awards	<ul style="list-style-type: none"> ➤ Scholarships to students as deemed appropriate to the authority ➤ Awards to Alumnus on the basis of their professional achievements and contribution to society
2	IIT-G Gold Fund	Rs.500,001- 2,500,000	Contribution to Institute development	<ul style="list-style-type: none"> ➤ To institute scholarship for needy students to meet their tuition fees/hostel fees for duration of their academic program at IIT ➤ To support infrastructure for research labs/ purchase of equipment ➤ Support for hostel Facilities and Infrastructure ➤ To institute 'Scientist-in-Residence'/'Young Artist-in-Residence' Awards program of the institute ➤ Any other academic/research scheme

				proposed and outlined by the Senate under the Chairman, Senate, IIT-G, from time to time
3	IIT-G Platinum Fund	Rs.2,500,000 & above	Contribution made to the Corpus Fund of IIT-G	<ul style="list-style-type: none"> ➤ The interest earned against the fixed deposit of this fund will be utilized for recurring support needed to meet academic/research/development activities undertaken by the institute in setting up state-of-the-art facilities on campus ➤ To meet social responsibilities that the institute engages with the community at large to contribute to its development and well being ➤ To institute Research Chairs for eminent scientists, scholars, at IIT-G
<p>NOTE: All your contributions to IIT Guwahati are qualified for 50% tax exemptions u/s 80G (5) (VI). We have initiated and completed all formalities to obtain 100% tax exemption and are awaiting approval from the concerned Government department.</p>				

DRAFT PROPOSAL FUND RAISING INITIATIVES & ALUMNI CONNECT FOR IIT GUWAHATI
(FOREIGN DONORS)

The rates being mentioned below are for foreign donors as per USD.

S. No.	SCHEMES	CONTRIBUTION AMOUNT IN \$	CONTRIBUTION HEADS	FUND UTILIZATION PLAN
1	IIT-G Silver Fund	\$ 100-7000	Contribution to individual departments	<ul style="list-style-type: none"> ➤ To support student/research scholars' towards travel/registration to participate in national and international conferences/symposiums ➤ To support students in organizing research meet, student conferences, workshops, socio-cultural meets at the Institute ➤ To provide scholarship to needy and differently-abled students ➤ To support alumni-student meet including travel of visitors/alumni to the institute ➤ Any other request of academic/research interest proposed by the department to AER
			Sports/Cultural and AER office activities	<ul style="list-style-type: none"> ➤ Partial support to sports/cultural/tech meets organized by the students Gymkhana ➤ To strengthen facilities of sports/cultural/technical clubs under students Gymkhana ➤ To support travel of IIT-G representatives to participate in national/international meets/academic and co-curricular competitions/sporting events that encourage intellect and social exchange with institutions of national and international repute
			Scholarships & Awards	<ul style="list-style-type: none"> ➤ Scholarships to students as deemed appropriate to the authority ➤ Awards to Alumnus on the basis of their professional achievements and contribution to society
2	IIT-G Gold Fund	\$7001–35000	Contribution to Institute development	<ul style="list-style-type: none"> ➤ To institute scholarship for needy students to meet their tuition

				<p>fees/hostel fees for duration of their academic program at IIT</p> <ul style="list-style-type: none"> ➤ To support infrastructure for research labs/ purchase of ➤ Support for hostel Facilities and Infrastructure ➤ To institute ‘Scientist-in-Residence’/’ Young Artist- in-Residence’ Awards program of the institute ➤ Any other academic/research scheme proposed and outlined by the Senate under the Chairman, Senate, IIT-G, from time to time
3	IIT-G Platinum Fund	\$35,000& above	Contribution made to the Corpus Fund of IIT-G	<p>NOTE: All your contributions to IIT Guwahati are qualified for 50% tax exemptions u/s 80G (5) (VI). We have initiated and completed all formalities to obtain 100% tax exemption and are awaiting approval from the concerned Government department.</p>

Modes of Payment:

You may transfer your contributions in the following modes to IITG:

1. Gateway payment system: <https://auto.iitg.ernet.in/epay/donation/donation.jsp>
2. Demand Draft: “The Registrar, Indian Institute of Technology Guwahati”
3. NEFT:

Bank name: ICICI Bank, IITG Branch

Bank a/c name: IIT Guwahati Alumni

Bank a/c number: 332501000021

IFSC Code: ICIC0003325

The Alumni and External Relations Office will send you a money receipt immediately for your records and tax exemption.

For Enquiries please contact:

Mr. A Wanshai Shynret

Assistant Registrar (Alumni and External Relations)

IIT Guwahati,

Guwahati – 781039

Assam

A Proposal for Introducing
M. Tech and PhD programme in Rural Technology in
CENTRE FOR RURAL TECHNOLOGY

Introduction and Background:

The need for emphasis on rural India is based on the fact that almost three fourth of the populace lives in villages. Needless to highlight the expanse of rural India, majority of the country's landmass is within rural landscape. These areas not only produce bread and butter of the nation but also are highly endowed with rich natural resources. However, a multidimensional deficiency in almost every facets of development has plagued these areas, dragging its populace to urban locales in search of livelihood and employment. Such migration in return brings in myriad complicacies to the entire system. The rural populace being deprived of education, financial support, infrastructure and employment turns to a sheer wastage of human resource.

Rural India, in fact can be the most efficient powerhouse for national development. A number of implications highlight its prospects. The first, as stated earlier, three fourth of Indian populace belongs to villages. Therefore, Indian human resource is primarily based on rural areas. Furthermore, more than 65% of total population in India is under 35 years. This signifies the large potential that the country possesses in terms of labour power residing in the rural areas. It would naturally be more pragmatic and profitable to engage the manpower in the production system developed in the rural areas itself. This not only will reduce the cost of production but also the increasing migration to the urban areas.

Acknowledging the need of the hour in 2014 the Ministry of Human Resource Development (MHRD) has launched a programme called **Unnat Bharat Abhiyan**(UBA) with an aim to connect institutions of higher education, including Indian Institutes of Technology (IITs), National Institutes of Technology (NITs) and Indian Institutes of Science Education & Research (IISERs) etc. with local communities to address the development challenges through appropriate technologies. The objectives of Unnat Bharat Abhiyan are broadly two-fold: i) Building institutional capacity in Institutes of higher education in research & training relevant to the needs of rural India. ii) Provide rural India with professional resource support from institutes of higher education, especially those which have acquired academic excellence in the field of Science, Engineering & Technology and Management. Our institute (IITG) is actively engaged in the same and under the overall coordination of IIT Delhi. MHRD has lots of expectation towards UBA and thus with every passing day the number of activities of UBA is supposed to be increased. RuTAG-NE has been operating from IIT Guwahati since 2006 and has been continuously working for S&T intervention in the rural areas of North-East. It is in the project mode and therefore, has its own objectives. As such many other essential activities cannot be carried out within the framework of RuTAG.

Though it does not have any dedicated faculty members, significant numbers of technologies have been taken from the lab to the lands through RuTAG by few faculty members of the institute. These efforts are mostly self motivated and extra works in addition to their normal responsibilities. Even though the UBA activities have started only recently, it is again made possible through voluntary services of numbers of faculty members from different departments. In view of all these a proposal to set up an independent center for Rural Technology was submitted and **BoG has already approved it in its 76th meeting and Senate also noted it in its 104th meeting.** However, academic programmes were not proposed earlier. To carry out any developmental work pertaining to rural sector particularly through introduction of new viable rural technology it is of paramount necessity to create manpower. Therefore, this proposal is submitted to introduce academic programmes, viz., M.Tech. and Ph.D. in Rural Technology in the Centre for Rural Technology, thereby converting it to an academic centre.

The objective of developing a centre for Rural Technology at IIT Guwahati will be to address the above mentioned areas of concerns and this can be done primarily by producing skilled manpower and entrepreneurs inside the rural areas itself. Quality teaching, research and consultancy in various facets of rural sector would be the initial approaches to address this objective. The centre has plans to cater to the training and research needs of the rural sector of the region and contributing to National and International research domain in rural technology and development sector. The centre plans to carry out its research in the areas of agro and non-agro, handloom and textile, food processing, horticulture, sericulture and many other relevant areas.

Vision

To disseminate the scientific and technological benefits to the rural sector by equipping them with the latest technology and to create the model for the nation.

Mission

Our long term mission is to

- Identify the problems of rural sector (socio-economic and environmental related issues) requiring appropriate science and technology inputs
- Develop sustainable technologies, involving the faculty and students of IITG, by blending appropriately modern 'S&T' with traditional knowledge and wisdom, for solving the problems
- Transfer/disseminate the technologies involving government and non-government organizations/institutions for employment generation, poverty alleviation and community development
- Restoring ecological balance by conserving and developing natural resources i.e land, water, vegetative cover especially plantations
- Undertake appropriate teaching (for sensitizing students), research, information/S&T dissemination and outreach related activities and network with other technical institutions, NGOs, government agencies, and rural/SSI industries, for achieving rural development .

The centre is determined to accomplish the mission through research projects as well as academic and training programmes. CRT will gear-up its activities by academic programmes in M.Tech and Ph.D. in Rural Technology and Development.

The programme will cover areas, like Intensive Crop Farming, Forestry, Horticulture, Mushroom Cultivation, NTFP-based crafts, Women and Child Welfare programmes, Tribal development, Watershed management, Rural energy planning, Climate change, Agro-Food Processing, Environment Assessment etc.

Objectives and Philosophy:

- This course is based on the philosophy of **3Ds-- Design, Development, Delivery**
- To enable students to understand the development process behind various technologies suitable for rural development and natural resources management
- To prepare trained personnel who can bridge the technology gaps between rural and urban societies
- The pass outs could become an agent for change and facilitate the 'last minute connectivity'
- Building capacity of the students to be able to formulate technological innovations to facilitate effective management of various developmental projects viz. agricultural, post harvesting, disaster management, erosion control, industrial, community development, watershed management, livelihood generation etc.
- The course also aims to give students the opportunity to engage with future potential employers and to give them an insight in the practicalities of working environments.

This centre plans to initiate academic programmes aimed at imparting technical knowledge and developing capacity of the innovators/engineers to contribute meaningfully to the nation through development of new technologies for the rural sector. Even today more than 60% of our population are in the village and their livelihood depends largely on rural sector. Hence, it would not be wrong to say that without the development of rural India it is impossible to dream for the real development of our Nation. It is expected that the rapid growth of the rural sector and the challenges imposed by resource constraints will need trained engineers and skilled manpower in rural sector. To cater this need the Centre for Rural Technology proposes to kick start an **M. Tech. in Rural Technology** and a research programme leading to **Ph.D.** The details of both the programmes are provided hereunder.

M.Tech. Programme in Rural Technology

The major objective for this newly designed course **M.Tech. in Rural Technology** is to produce skilled manpower, rural entrepreneurs and develop technologies suitable for the societies. This programme will be ideal for individuals from progressive farmers, Industry (food, nutrition etc.), NGOs, Govt. (water, sanitation, agriculture, rural development, Environment, etc.), Corporates (e.g. ITC, TATA, Reliance, etc.) working in the field of rural

development, post harvest, agro industries, agriculture business management, rural banks (NABARD) etc.

Name of curriculum: Master of Technology in Rural Technology

Proposes to kick start in July 2016

Name of degree: M. Tech. (Rural Technology)

Duration:2 years(4 semesters)

Intake: 10 students per batch

Potential Clientele:Professionals from Industry (food, nutrition etc.), NGOs, Govt. (water, sanitation, agriculture, rural development, Environment, etc.), Corporates (e.g. ITC, TATA, Reliance, etc.) working in the field of rural development, post-harvest, agro industries, agriculture business management, rural banks (NABARD) etc.

Eligibility Criteria for Admission:

A Minimum CPI of 6.5 in a 10-point scale or 60% of marks or First Class in B.E/B.Tech/M.Sc or equivalent in any discipline along with a valid GATE score.

Or

B Tech degrees in any discipline from an IIT with a minimum CPI of 8.0 or above in which case GATE score is not mandatory.

For Sponsored(Full-Time)/Part-Time/IITG Project-staff category, GATE score is not required.

Relaxation /Clarification:

Seat reservation for different category will be as per the standard norms. However, in each category [General, SC, ST, OBC(NCL)], 25% seats may be reserved for the part-time, IITG Project Staff and sponsored candidates with an aim to promote interaction of the centre with the industry/commercial and R&D organizations in the region. In case unavailability of the part-time, IITG Project Staff and sponsored candidates due to lack of merit/attendance, the seats will be filled up with the other candidates in the categories.

For admission of SC/ST/PD category students, minimum performance in the qualifying degree may be relaxed from 60% to 55% (6.5 to 6.0).

Sponsored (full-time) candidates seeking admission to the programme on the basis of study leave, must submit a “Sponsorship certificate” on a proper letterhead from the appropriate authority in the organization.

Part-time candidates are required to submit a “No Objection Certificate” on a proper letter head from the appropriate authority in the organization clearly stating the following:

- The candidate is permitted to pursue studies on a part-time basis
 - That his/her official duties permit him/her to devote sufficient time for studies
 - That he/she will not be transferred to any other place during the period of study

IITG Project Staff candidates are required to submit a “No Objection Certificate” on a proper letter head from the appropriate authority in the organization clearly stating the following:

- The candidate is permitted to pursue studies on a part-time/full-time basis
- That the remaining duration of the project at the time of admission in to the programme shall be at least one year.

Selection of the students will be based on interview of shortlisted candidates on merit basis.

Total tenure of the programme: The minimum duration of the programme is 4 semesters (24 months) with maximum tenure of 6 semesters for full-time students and 6 semesters (36 months) with maximum tenure of 8 semesters for part-time students.

Course work flexibility: The part time category students may be given flexibility to register the theory courses as per their convenience subject to the completion of the theory course work by 4th semester. However, the full time students **MUST** complete the course work (three theory courses and one lab course) within first two semesters. Both the category of the students may initiate their project work following their completion of the first semester courses as per advice of allotted supervisors. Exact guidelines for carrying out the project works will be governed by the procedure followed by the centre from time to time.

Flexibility on movement from M. Tech. to PhD programme: The highly talented and motivated students identified through the M.Tech. programme may be allowed to enrol into the PhD programmes of the centre. It may be thus possible for a student to move to a PhD programme in the institute even after completion of the first year in the M.Tech. programme subject to the recommendation of the respective supervisor(S) and PhD selection committee. However, the candidate must complete the credit requirement for the PhD programme as per the norms of the institute.

Ph.D. Programme in Rural Technology

The Centre proposes to admit PhD students under the following categories:

i) Regular

A student in this category works full-time for his/her PhD degree. He/she receives assistantship from the Institute or fellowship from CSIR/UGC or any other recognized funding agency.

ii) Sponsored (FULL-TIME)

A student in this category is sponsored by a recognized R&D organization, academic institution, government organization or industry for doing research in the Institute on a full-time basis. He/She must be a regular employee of the sponsoring organization with at least one year of professional experience in the respective field. The Institute does not provide any assistantship/fellowship to such a student.

iii) Self financed (FULL-TIME)

A student in this category works full-time towards the PhD Programme. The Institute does not provide any assistantship/fellowship to such a student.

iv) Project staff

This category refers to a student who is working on a sponsored project in the Institute and is admitted to the PhD Programme to work on a full-time or part-time basis. The remaining duration of the project at the time of admission should be at least one year. If the project gets completed before the student completes his/her PhD Programme, his/her category will be converted to that of SELF-FINANCED unless he/she is granted an assistantship/fellowship from the Institute or any other agency.

v) Part-time

A student in this category is a professionally employed person (including the staff of IIT Guwahati), who pursues the PhD Programme while continuing the duties of his/her service. He/She must be a regular employee of the sponsoring organization with at least one year of professional experience in the respective field. The Institute does not provide any assistantship/fellowship to such a student.

vi) External

This category refers to a student employed in an R&D organization/academic institution/industry having adequate research facilities. The research work leading to the PhD degree may be carried out largely in the parent organization of the candidate under a Local Supervisor from the organization but with the overall guidance provided by a faculty member (Institute Supervisor) of the Centre. He/She must be a regular employee of the sponsoring organization with at least one year of professional experience in the respective field. The Institute does not provide any assistantship/fellowship to such a student.

ADMISSION

Eligibility Criteria:

The details of the eligibility criteria (i.e. minimum qualifications and experience) for admission to Ph D degree programme are given below. The Senate reviews the same from time to time. Relaxation in academic qualification for reserved categories of students is as per Government of India guidelines.

Minimum Qualifications:

For admission to the PhD Programme in Engineering departments, a candidate must satisfy one of the following criteria:

- i) Master's degree in Engineering/ Technology/ Environmental Science/Agriculture and other relevant fields with a minimum Cumulative Performance Index (CPI) of 6.5 or 60% of marks.
- ii) Master of Science with a minimum CPI of 6.5 or 60% of marks.
- iii) Four-year Bachelor's degree in Engineering/Technology/Agriculture or equivalent in a relevant area with a minimum CPI of 7.5 or 70% of marks.
- iv) Four-year Bachelor's degree in Engineering/Technology/Agriculture or equivalent in a relevant area with a minimum CPI of 7.0, from any of the Centrally Funded Technical Institutions.

Admission Process:

Admission to the Ph D degree programme takes place in July / December every year. Candidates are selected through a written test or interview or both.

Course Work: As per the Ph.D. ordinance

Duration of the Programme: As per the Ph.D. ordinance

Award of PhD Degree: As per the Ph.D. ordinance

Proposed Intake: Starting with **5 SEATS** for PhD admission in July 2016.

Research Areas:

- Technology and Development
- Public Policy and Governance
- Rural Housing, Transportation
- Energy, Environment, Climate Change and Development
- Environment Assessment
- Water Resources
- Agro-Food Processing

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**Indian Institute of Technology Kanpur
Office of Research & Development**

Operational Manual for Research & Development Division

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Operational Manual for Research & Development Division

Section A: The framework

5. Office of Research and Development <http://www.iitk.ac.in/dord/>

Office of Research & Development (the Office) is set up to provide specialized administrative and managerial support for the operation of sponsored research, consultancy and other R&D related activities of the Institute.

The research philosophy has progressed from inter-departmental collaboration, to inter-institutional partnerships at national and international levels. The scope and scale of research has substantially evolved from the era of student theses to funded projects to interdisciplinary research programs at national and international levels.

The Office facilitates interaction with external agencies, both national and international. It also promotes and manages Institute-Industry interactions and all externally funded research and development projects as well as patents. The Office acts as a liaison between the Institute and funding agency to undertake sponsored projects.

6. Dean, Research and Development

Dean's selection is done in consultation with all the departments. Then, the Dean is appointed by the Board of Governors for a period of 3 years.

7. Institute Research and Development Committee (IRDC)

<http://www.iitk.ac.in/dord/irdc.htm>

IRDC has been constituted with Board approved mandate and responsibilities of providing impetus to the Institute research and development activities and to provide support, advice and assist the Dean: Research and Development.

It has representation from all departments and inter-disciplinary programs. The body has become a vibrant entity to discuss policy issues and the Institute receives the first level feedback from the faculty. IRDC members highlight shortcomings in procedural matters and thus sharpen the performance of the Office.



**भारतीय प्रौद्योगिकी संस्थानों की
परिषद की 49वीं बैठक का कार्यवृत्त**

**MINUTES OF 49TH MEETING
OF THE COUNCIL OF IITs**

06.10.2015

**सचिवालय भारतीय प्रौद्योगिकी संस्थान परिषद,
मानव संसाधन विकास मंत्रालय, नई दिल्ली**

**SECRETARIAT OF THE COUNCIL OF IITs
MINISTRY OF HRD, NEW DELHI**



Minutes of the 49th meeting of the Council of IITs held on Tuesday, the 6th October, 2015 at IIT Bombay

The 49th meeting of the Council of the Indian Institutes of Technology (IITs) was held under the Chairpersonship of Smt. Smriti Zubin Irani, Minister of Human Resource Development at 2.00 P.M. on Tuesday, the 6th October, 2015 at IIT Bombay. The list of participants is at **Annexure-I**.

Before taking up the Agenda, Smt. Smriti Zubin Irani, HRM as Chairperson of the Council of IITs welcomed all the members to the 49th meeting of the IIT Council especially the new Members of Parliament, Chairperson, BOG and new Directors of IITs, Secretary (HE), Additional Secretary (TE) and JS&FA MHRD. The issues discussed and decisions taken at the meeting are summarized below:-

Item No. 49.1: To confirm the minutes of the 48th meeting of the council of IITs held on 22.09.2014

The minutes of the 48th meeting of the Council of IITs held on 22nd September, 2014 at IIT Madras were confirmed, as circulated.

Item No. 49.2 : To report Action Taken on the Minutes of the 48th meeting of Council of IITs held on 22.09.2014

The Council noted the status of Action Taken Report (ATR) {Annexure – II of the Agenda) of its decisions with the observations/decisions indicated against each, as under:

49.2 (i) External Peer Review to be completed

It was desired that Report of External Peer Review and the action taken by the IITs on these reports should be uploaded on the IIT Council Web Site.

49.2 (ii) Conversion of ISM Dhanbad into an IITs

Prof. Ashok Misra Committee recommended several essential steps to be taken by ISM for conversion into an IIT. The matter is with the Executive Council of ISM. Chairperson of the Council desired to have a path way, taking academic, administrative and parliamentary aspects into consideration for full conversion of ISM Dhanbad into an IIT. She desired that an Implementation Committee consisting of IIT faculty may be constituted to oversee complete conversion of ISM Dhanbad into a full fledged IIT by next academic year.



49.2 (iii) Composition of the Search-Cum Selection Committee for Director of IITs

The Council noted that based on the new procedure decided by the IT Council in its meeting held on 16.9.2013, the contract of incumbent Director IIT Indore and Director IIT Mandi has been renewed for the second term of 5 years w.e.f. 1.1.2015 and 15.1.2015 respectively. Further appointment to the post of Director IIT Bhubanewar, IIT Patna and IIT Ropar has been made on the basis of advertisement/selection. The post of Director IIT Delhi has been advertised in the leading newspapers and recruitment action is under process.

49.2 (iv) Involvement of IITs in the Ranking System:

The Council noted that Ranking framework has been launched on 29th September, 2015. It was decided that all CFTIs will participate in the process. Data filling should be completed by 31st December, 2015 and by March, 2016 the rankings should be declared.

Arising out of the discussion Prof. Ashok Misra, Chairman SCIC suggested that Prof. P. Balram (IISc), who has analyzed different World Ranking systems, may be invited to present his views/inputs to National Ranking Framework Committee.

49.2 (v) Transparency and accountability – IIT Council Web Portal

Prof. Indranil Manna, Director IIT Kanpur informed that despite repeated requests most of the IITs have not uploaded complete data on the IIT Council Website for their respective IITs. The Chairperson IIT Council expressed concern and directed **all IITs to upload the complete the data within 30 days**. She further desired that a letter should go from the Ministry to all Chairpersons of the BOG of IITs to review the progress of this in their BOG meetings to be held in future.

49.2 (vi) Consider the report submitted by the Committee regarding MACPS

JS&FA MHRD was requested to re-examine the matter.

49.2.(vii) Networking with alumni

Prof. Ashok Misra, Chairman, SCIC apprised the Council about the progress in the matter.



- A 2450 square metres land has been allotted by Karnataka Government to the IIT Alumni Centre, Bengaluru (IITACB). The plan is construct a building of approx. 50,000 sq. ft. and the process for the selection of an architect is underway.
- IITACB facilitated a 2 day workshop on Sustainable Urban Planning for developing Smart Cities for the Ministry of Urban Development, Government of Karnataka, which was conducted by IIT Roorkee Faculty and attended by Senior officials. MoU for developing projects with the Karnataka Government with IIT Roorkee as the coordinating institute, is being finalized.
- IITACB facilitated a 3 day workshop on Cyber Security, which was conducted by Faculty from the IIT Delhi and attended by scientists from DRDO organizations, Mazagaon Dock and Midhani.
- It is observed that alumni is keen and passionate towards contributing to their alma mater, especially through enhanced interactions with the Industry.

49.2(viii) : 20 percentile criterion in JEE (Advanced) – JAB (Advanced) recommendations

The Council noted that the decision regarding modified criterion has been made applicable w.e.f. JEE (Advanced) 2015.

The Chairperson expressed serious concerns on huge money spent by the parents for coaching of their wards to compete for JEE(Advanced). Hon'ble Member of Parliament Shri Ninong Ering also expressed his same concerns for the students of North Eastern States. The Council has rejected the view that a complicated, elongated and stressful entrance exam is required to test the genuine merit for admissions to IITs and decided that a Committee of eminent persons should examine the ways to reform the current JEE system for implementation from the year 2016 itself. The Committee of Eminent Persons would be consisting of the following:

1. Prof. Ashok Misra, Chairman, BoG, IIT Roorkee - Chairman
2. Shri. Pawan Goenka, Chairman, BoG IIT Madras - Member
3. Dr. Tessy Thomas, Outstanding Scientist & Director Advanced Systems Laboratory (ASL), Hyderabad - Member
4. Prof. Gautam Barua, Mentor Director, IIIT-Guwahati - Member
5. Prof. M.S. Ananth, Chairman, IIITDM Kancheepuram - Member
6. Dr. Baldev Raj, Chairman, Board of Governors, IIT Gandhinagar - Member

The Committee will have the following terms of reference:



1. To recommend structure of a **single** exam that tests the understanding, conceptual clarity, and innovative thinking of students for admission into IITs and NITs.
 2. To find means in the exam structure that would reduce the pressure on students and reduce dependence of students on the coaching centres, without diluting the quality of testing.
 3. To appreciably reduce the time taken from conduct of the entrance exam to declaration results, from the current 3 months.
 4. To review and recommend reforms if any needed in the common counselling process so that admissions in IITs, NITs, IISERs is completed with single web least difficulty.
- The CEP is requested to submit the report by 1st November 2015.

Item No. 49.3 : To report changes in the membership of the Council

The Council welcomed the new members and placed on record its appreciation for the services rendered by the outgoing members. The list of outgoing members and new members is placed at **Annexure-II**.

Item no. 49.4: Ratification of appointment of Directors of IIT Bhubaneswar, IIT Patna and IIT Ropar

The Council ratified the appointment of the following Directors

Sl. No.	Name of the Candidate	Name of IIT
1.	Prof. R.V. Rajakumar	IIT Bhubaneswar
2.	Prof. Pushpak Bhattacharyya	IIT Patna
3.	Prof. Sarit Kumar Das	IIT Ropar

Item No. 49.5: Ratification of renewal of contract of appointment of Director of IIT Indore and IIT Mandi

The Council ratified the renewal of contract of appointment of following incumbent Directors for second term of 5 years.

SI No.	Name of the Director	Contract Renewed for second term of five years w.e.f.
1.	Prof. Pradeep Mathur, Director, IIT Indore	01.01.2015
2.	Prof. Timothy A. Gonsalves, Director, IIT Mandi	15.01.2015



Item No. 49.6: To report the nomination of Prof. Ashok Misra, Chairperson, BOG IIT Roorkee as Chairperson of the SCIC

The Council ratified the nomination of Prof. Ashok Misra, Chairperson, BOG, IIT Roorkee as Chairperson of the Standing Committee of the IIT Council (SCIC) for a period of 3 years or till he holds the office of Chairperson BOG IIT Roorkee whichever is earlier. While welcoming Prof. Ashok Misra as a new Chairperson of SCIC, the Council also placed on record for the service rendered by the outgoing Chairperson Dr. Anil Kakodkar.

Item No. 49. 7: To consider funding of IITs

The Council considered and approved 'in principle' the revised funding system proposed in the Council agenda for strengthening the financial health of IITs and reduce their dependence on Government for day-to-day functioning. Under this, Government would appreciably enhance their investments in the capital assets, research projects and in studentships while leaving the IITs to mobilize most of the running expenses from the student fee. Though the student fee would be linked to the education loans, the Council felt that concessions given for students from socially and economically disadvantaged sections shall be continued in a manner that is more beneficial to these sections.

The Council decided that a Sub-Committee of Council (SCC) with the following members be constituted to look into the whole issue and work out details for implementation from 2016-17 onwards.

1. Additional Secretary (TE) (Convenor)
2. Prof Devang Khakar Director IIT Bombay
3. Prof Bhaskar Rammuthy Director IIT Madras
4. Prof. Indranil Manna, Director, IIT Kanpur
5. Prof Uday Desai, Director IIT Hyderabad.

The SCC would have the following Terms of Reference:

- 1) To recommend ways for making IITs self-reliant in the day-to-day functioning
- 2) To consider the existing student fee being charged in IITs both for B Tech and M Tech and recommend suitable revision.



- 3) To examine the linking of the student fee with the provision of bank loans so that there is no undue pressure on the students.
- 4) To examine the current system of exemption of certain categories from paying the fee to a system of reimbursement of such fee.
- 5) To recommend institutionalising a system that would access the funds from the industry from the CSR funds, and incentivising the endowments from private sector.

Item No. 49.8: To consider the report of the Committee on determination of land requirements for Central Higher Education Institutions (CFTIs)

IIT Directors were requested to send their comments on the report within 15 days and also report good practices being adopted by their respective institutes.

Item No. 49.9: To consider a proposal for Common subscription for journals

The Council agreed to the proposal for Common subscription of journal in principle. It was desired that IITs may prepare detailed guidelines for the purpose.

Item No. 49.10: To consider a proposal for Tenure track application for Assistant Professors

The Council agreed to the proposal in principle. The mechanism/modalities to implement the system was left to the BOG of respective IITs to decide.

Item No. 49.11 : To consider a proposal for Revision of students' fee to bridge gap of Non-Plan

This agenda item was combined with Item 49.7.

Item No. 49.12: To consider a proposal for students scholarships/stipend as reimbursable Non-Plan expenses

JS&FA MHRD was requested to examine the proposal in the light of discussions on Item 49.7.

Item No. 49.13: To consider a proposal for Carry forward unutilized Professional Development Allowance (PDA) of block



The Council agreed to the proposal for carrying forward unutilized Professional Development Allowance (PDA) of one block to the next block.

Item No. 49.14 : To consider a proposal for attracting international students at PG level

The Council welcomed the proposal to open of options for admission to international students. The Council further decided that there should be a uniform system for all the IITs in this regard and Director IIT Bombay was requested to coordinate in the matter.

Item No. 49.15: To consider a proposal for introduction of 6 year integrated M.Sc M.Tech Programme in the IITs in lines similar to the 5 year integrated B Tech M Tech Programme

The Council approved the proposal for introduction of 6 year integrated M.Sc M.Tech Programme in the IITs in lines similar to the 5 year integrated B. Tech M. Tech Programme

Item No. 49.16 : To consider action on activities under Rashtriya Avishkar Abhiyan

It was noted that except nomination of Nodal Officers no further action has been taken under Rashtriya Avishkar Abhiyan. Dr. Vijay P Bhatkar, Chairman, BOG, IIT Delhi was given the responsibility to oversee that all IITs participate in the Rashtriya Avishkar Abhiyan.

The Chairperson, IIT Council announced an annual grant of Rs. 250 crore each year for the next 3 years for funding innovative research projects and for their promotion till the stage of commercialization. The proposals in this regard have to be in collaboration with alumni and industry.

The Chairperson requested Mrs. Lila Poonawalla, Chairperson, BoG IIT Ropar and Dr. (Mrs.) Tessy Thomas and Prof. Vijayalakshmi Ravindranath, Members of the Council to examine promotion of women in Science under RAA.

Item No. 49.17: To consider a proposal to provide Free studentship to the persons with disabilities



The Council agreed to the recommendations of IIT Directors to provide free studentship to the persons with disabilities as a Plan grant which will be equal to the student fee charged to all students.

Item No. 49.18: To consider a proposal for giving special assistance to the students who come from backward social and education backgrounds

The Council has approved the idea of operationalising a Poor-group Assisted Learning (PAL) by tagging educationally backward students to bright student volunteers from senior classes. The PAL is expected to ensure that the fresh students especially from the educationally and socially disadvantaged sections cope up with the academic pressures of IIT. The MHRD would fund this initiative fully. The modalities of the PAL system and the fund requirements may be finalized by Prof. Bhaskar Ramamurthi, Director IIT Madras and Prof. S. K. Jain, Director IIT Gandhinagar before 31st October 2015 so that the system can be operationalised at the earliest.

Item No. 49.19: To consider a proposal for increase in number of candidates allow to appear for JEE (Advanced)

This item is covered by the decision in Item 49.2(viii).

Item no. 49.20 : To consider a proposal for Refund of seat acceptance fee to candidates who did not join the programme or who withdrew after joining the programme

The Council approved the decision of JAB to refund the fee for 2015 admissions, but didn't agree for making it a one-time affair. It was decided that if a student doesn't report to the Institute on the given date, the admission shall be cancelled and the seat should be automatically offered to next in the waiting list. In all cases where the seat is filled by the waiting candidate, the acceptance fee paid by the student shall be refunded after deducting Rs. 1,000/-.

Item No. 49.21: To consider a proposal for Common Counseling for admission to M.Tech programme of IITs and IISc.

The Council desired that the issue may first be discussed in the IIT GATE Committee/Board.



Item No. 49.22 : To consider a proposal to establish Tinkerers' Lab at all IITs

The Council agreed to the proposal for establishment of Tinkerers' Lab at all IITs on the lines of IIT Bombay. The funds for this purpose will be made available to the IITs by MHRD under Plan Grant.

Concluding remarks by the Hon'ble HRM:-

- (1)The Hon'ble HRM requested all the IITs and the CFTIs to be part of the Ranking Framework.
- (2)A Students' Charter for optimum amenities for students may be worked out by all IITs.
- (3)Funding of Government institutions will now be linked with the presence of that institution on the KYC (Know Your College) Portal.

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



Annexure –I

List of Participants

49th Meeting of the Council of IITs held on 6th October, 2015 at IIT-Bombay under the Chairpersonship of Hon'ble HRM.

S. No.	Name and Designation
1.	Smt. Smriti Zubin Irani, Hon'ble Minister of Human Resource Development
2.	Shri Ninong Ering, Member of Parliament (Lok Sabha)
3.	Shri V.S. Oberoi, Secretary(HE) MHRD
4.	Dr. Pawan Goenka, Chairperson, BoG, IIT Madras
5.	Dr. Vijay P. Bhatkar, Chairperson, Board of Governors, IIT Delhi
6.	Dr. Srikumar Banerjee, Chairperson, BOGIT Kharagpur
7.	Prof. Ashok Misra, Chairperson, Board of Governors, IIT Roorkee
8.	Dr. Baldev Raj, Chairperson, Board of Governors, IIT Gandhinagar
9.	Shri S.K. Roongta, Chairperson, BOGIIT Bhubaneswar
10.	Shri Ajai Chowdhry, Chairperson, BOGIIT Patna.
11.	Mrs. Lila Poonawalla, Chairperson, Board of Governors, IIT Ropar
12.	Prof. Grish Chandra Tripathi, Chairperson, BOGIIT (BHU) Varanasi.
13.	Prof. Devang V. Khakhar, Director, IIT Bombay
14.	Prof.K. Gupta, Officiating Director,, IIT Delhi
15.	Prof. Indranil Manna, Director, IIT Kanpur
16.	Prof. Partha P. Chakrabarti, Director, IIT Kharagpur
17.	Prof. Bhaskar Ramamurthi, Director, IIT Madras
18.	Prof. Gautam Biswas, Director, IIT Guwahati
19.	Prof. Pradipta Banerji, Director, IIT Roorkee
20.	Prof. Rajeev Sangal, Director IIT (BHU) Varanasi
21.	Prof. C.V.R. Murty, Director, IIT Jodhpur
22.	Prof. Sudhir K. Jain, Director, IIT Gandhinagar



23.	Prof. Pushpak Bhattyacharya, Director IIT Patna
24.	Prof. U.B. Desai, Director, IIT Hyderabad
25.	Prof. Sarit Kumar Das, Director, IIT Ropar
26.	Prof. R.V. Rajakumar, Director, IIT Bhubaneswar
27.	Prof. Timothy A. Gonsalves, Director, IIT Mandi
28.	Prof. Pradeep Mathur, Director, IIT Indore
29.	Prof. Anil D. Shahrabudhe, Chairperson, AICTE.
30.	Prof. Ashok Junjhunwala, Deptt. of Elect. Engg., IIT Madras
31.	Dr. (Mrs.) Tessy Thomas, Outstanding Scientist' & Director, Advanced Systems Laboratory (ASL), Hyderabad.
32.	Shri R. Subrahmanyam, AS(TE), MHRD
33.	Ms. Darshana M. Dabral, JS&FA, MHRD
34.	Mrs. Tripti Gurha, Director (IITs), MHRD, New Delhi
35.	Ms. Prisca Mathew, Under Secretary (IITs), MHRD
36.	Shri V.K. Wadhwa, Project Officer, Secretariat of Council of IITs
37.	Shri Arun Kumar Karan, Assistant, MHRD
38.	Shri Mohit Gupta, Assistant MHRD



Annexure -II

Outgoing Members of the Council	
1.	Shri Deepender Singh Hooda, MP (Lok Sabha)
2.	Shri Janardhana Swamy, MP(Lok Sabha)
3.	Ms. Vasanthi Stanley, MP (Rajya Sabha)
4.	Dr. Lalji Singh, Chairman, BoG, IIT BHU, Varanasi
5.	Dr. Anil Kakodkar Chairperson, BOG IIT Bombay
6.	Prof. M. Anandkrishnan, Chairperson, BOG IIT Kanpur
7.	Prof. M.K.Surappa, Director, IIT Ropar
8.	Prof. R.K.Shevgaonkar, Director, IIT Delhi
9.	Prof. Sujit Roy, Acting Director IIT Bhubaneswar
10.	Shri Ashok Thakur/ Shri Satyanaryana Mohanty , Secretary(HE) MHRD
11.	Shri Yogendra Tripathi, JS&FA, MHRD
12.	Shri Amarjit Sinha AS(TE)/ Shri Rakesh Ranjan, JS(IITs) MHRD

New Members of the Council	
1.	Shri. Ninong Ering, MP (Lok Sabha)
2.	Shri Abhishek Singh, MP (Lok Sabha)
3.	Shri Prabhat Jha, MP (Rajya Sabha)
4.	Prof. Girish Chandra Tripathi, Chairperson BOG, IIT(BHU) Varanasi
5.	Prof. R.V. Raja Kumar, Director, IIT-Bhubaneswar
6.	Prof. Pushpak Bhattacharyya, Director, IIT-Patna
7.	Prof. Sarit Kumar Das, Director, IIT-Ropar
8.	Prof. K. Gupta, Officiating Director, IIT-Delhi
9.	Shri V.S. Oberoi, Secretary(HE), MHRD
10.	Ms. Darsana M. Dabral, JS&FA, MHRD
11.	Shri R. Subrahmanyam, Additional Secretary(TE), MHRD



MEMORANDUM OF UNDERSTANDING (MOU)

For

**Establishment of State-of-the-Art
C-DAC-IIT Guwahati Supercomputing Facility**

for

**Capability Building and
High End Computational Research
at
Indian Institute of Technology Guwahati**



MEMORANDUM OF UNDERSTANDING (MOU)

This MOU is made and executed on this 25th day of March Two Thousand Fifteen at Pune/Guwahati by and between

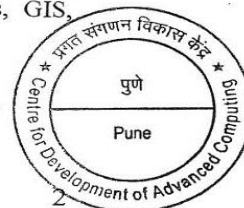
Indian Institute of Technology Guwahati an autonomous institute incorporated under the Institute of Technology (Amendment) Act, 1994 having its registered address at Indian Institute of Technology Guwahati, Guwahati 781039, Assam, India (hereinafter called "IITG" which expression shall where the context so admits include its successors and permitted assignees) party of the one part,

AND

Centre for Development of Advanced Computing, a Scientific Society of the Department of Electronics & Information Technology (DeitY), Ministry of Communications and Information Technology, Government of India registered under the Societies' Registration Act 1860 and the Bombay Public Trust Act 1950 and having its registered address at Pune University Campus, Pune 411 007 (hereinafter referred to as C-DAC) which expression shall where the context admits, include its successors or assignees) party of the second part

WHEREAS C-DAC has, after being set up as India's National Initiative for the development of indigenous supercomputing technology diversified into multiple areas of Information Technology, more particularly in Grid Computing, High Performance Computing, Communication, Expertise in Scientific Computing like Bio-informatics, Seismic Data Processing, Computational Fluid Dynamics, Computational Structural Mechanics, Evolutionary Computing, Computational Atmospheric Sciences, Computational Chemistry. Besides these C-DAC has also gained significant edge in areas of Natural Language processing/Language technology, Cyber Security, Embedded Systems, Broadband and Wireless, GIS, Multimedia and Digital Library, e-Governance and Training/Education.

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WHEREAS "IITG has eleven departments and three inter-disciplinary academic centres covering all the major engineering, science and humanities disciplines, offering BTech, BDes, MA, MDes, MTech, MSc and PhD programmes. Within a short period of time, IIT Guwahati has been able to build up world class infrastructure for carrying out advanced research and has been equipped with state-of-the-art scientific and engineering instruments".

AND WHEREAS, both parties after some interactions have decided to work together in the area of common interest. Further a joint project proposal for establishment of State-of-the-Art CDAC – IIT Guwahati Supercomputing Facility at IITG was submitted to C-DAC NE Steering Committee which is approved in principle.

Now therefore the parties have decided to sign this MoU to define the scope, roles and responsibilities to implement the project.

1. SCOPE OF MOU

- 1.1. This MOU broadly defines the mode & methodology of operations and spells out the rights & responsibilities of the parties hereto for establishment of State-of-the-Art CDAC – IIT Guwahati Supercomputing Facility.

2. OBJECTIVE OF THE MOU

Establishment of State-of-the-Art CDAC – IIT Guwahati Supercomputing Facility for Capability Building and High End Computational Research at Indian Institute of Technology, Guwahati.

3. OWNERSHIP OF THE HPC

IITG is the sole custodian of the entire HPC system after installation and commissioning. DeitY and IITG will be the joint owner of the entire HPC system in the proportion of financial contribution.

4. RESPONSIBILITIES OF IITG & C-DAC

4.1 RESPONSIBILITIES OF IITG

- 4.1.1 IITG to contribute Rs. 6 crores towards procurement of HPC hardware, software and other related expenditure (Ref: Letter No. DIR/IITG/02/External/2014/2325 dated November 13, 2014)
- 4.1.2 Nominate single point of contact from IITG for all interactions with IITG related to activities covered under this MoU. The contact person should have good understanding of the operations, processes, and requirements of the current and future HPC systems.


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- 4.1.3 Nominate member(s) for technical and commercial committee from IITG to appraise the scope of work as defined under the MOU and to jointly finalize the technical specifications and commercial evaluation of the HPC facility.
- 4.1.4 Accord and communicate requested/ required approvals/ sanctions/ acceptances/ clearances / documentation preferably within 15 days of request/ submission for successful execution of the work.
- 4.1.5 IITG shall provide all inputs, information, diagrams, charts, figures, statistics, data etc. required or requested by C-DAC for carrying out responsibilities of C-DAC. The IITG shall be responsible for ensuring that such information and answers are accurate and complete.
- 4.1.6 IITG shall arrange suitable office space for C-DAC members to carry out the activities under the scope of this MoU which includes provision of normal office services like first aid, photocopying, telephone, email, Internet connection facilities.
- 4.1.7 IITG will provide at its own expense environmental conditions, suitable security and protection for the Hardware equipment procured under the scope of this MoU.
- 4.1.8 IITG shall arrange space and datacenter infrastructural facilities to house the HPC facility.
- 4.1.9 IITG shall provide all necessary documentation/clearances at least 15 days in advance for import of the identified equipment/components for setting up of the HPC facility.
- 4.1.10 IITG shall provide guest house and local hospitality for visiting C-DAC officials to carry out the activities under this MoU.

4.2 RESPONSIBILITIES OF C-DAC

- 4.2.1 C-DAC to contribute the balance amount (Total estimated project value is Rs 14 crores) towards procurement of HPC hardware, software and other related expenditure (Consumable Stores, C-DAC offsite Manpower, Travel, Training to end user at IITG and Contingencies as specified in the project proposal approved by C-DAC NE Steering Committee). The project proposal is annexed herewith and the same be read as part and parcel of this MoU.
- 4.2.2 Nominate single point of contact from C-DAC for communication and other purposes. The contact person should have good understanding of the operations, processes, and requirements of the current and future IT infrastructure at IITG.
- 4.2.3 C-DAC shall prepare the ready to publish technical specifications of HPC facility with involvement of IITG officials.
- 4.2.4 C-DAC shall publish the tender/RFP in USD for procurement of the HPC facility to be implemented at IITG under this MoU.
- 4.2.5 C-DAC shall follow its rules/guidelines/procedures to carry out the procurement of material for this project.
- 4.2.6 C-DAC shall conduct training programs on Parallel Computing (once in a year for 2 years) for faculty, researchers and students at IITG.
- 4.2.7 C-DAC shall ensure the System Integration, Configuration, Installation, and Commissioning of the entire HPC system and hand over to nominee of IITG.

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4.3 JOINT RESPONSIBILITIES

- 4.3.1 To ensure that developments and activities defined under this MoU are accomplished to a very high degree of quality, with parsimony of time. Jointly freezing the technical specifications for design and architecture of the hardware and software/ associated equipment required in setting up of the HPC facility.
- 4.3.2 Air travel and local hospitality for C-DAC experts visiting IITG for project purpose shall be borne from the project fund.
- 4.3.3 Draw the attention of the top management in case of any interface or Operational problems.
- 4.3.4 The empowered committee shall be constituted by C-DAC and IITG. The said committee shall be empowered to accord required/requested sanctions/ approvals/ acceptances etc. and such approvals/sanctions/acceptances shall be treated as final. The committee shall endeavor to communicate its approval or otherwise within 15 working days.
- 4.3.5 After successful installation and handing over the HPC system, IITG will take care of the responsibility of the entire HPC system and coordinate with the system integrator for all future activities including maintenance.
- 4.3.6 The HPC system will be used by C-DAC and IITG for their internal academic and research purpose.
- 4.3.7 Both parties will decide a policy for the use of the system for the external users for commercial / non-commercial purpose; before allowing any external user to use the system.
- 4.3.8 The terms related to asset acquisition, management and disposal of the assets/capital equipment will be followed by IITG as per terms and conditions governing Grant-in-aid for funding R&D projects issued by DeitY. The same is attached as Annexure A.
- 4.3.9 In case of any ambiguity/conflict/discrepancy of any term/condition of this MoU or if MoU is silent regarding any terms and conditions; then the terms and conditions of the Grant-in-aid issued by DeitY as per attached annexure A shall prevail.

5. FINANCIAL ASPECTS

- 5.1. IITG shall transfer the amount to C-DAC within 10 days after signing of this MoU.
- 5.2. All transfer shall be made by IITG through Demand Draft of a nationalized Bank drawn in favour of C-DAC, payable at Pune or via online bank transfer the details for which shall be provided by C-DAC to IITG.
- 5.3. In case IITG and C-DAC agrees to perform services (related to onsite HPC application and system management from C-DAC) after handing over the HPC system which are not part of the scope of this MoU, then such services will be charged to IITG under mutually agreed terms and conditions in writing signed by both the parties.


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- 5.4. All taxes, duties, cess, levies etc. required for implementation of the project shall be borne from the project fund including storage/demurrage charges, if any.
- 5.5. IITG shall provide documents/ certificates for availing tax/custom duty exemption/concession benefits.

6. ENTIRE MOU AND AMENDMENT

- 6.1. This MOU represents the entire understanding between IITG and C-DAC and supersede any and all understanding either oral or written hitherto with respect to the subject matter of the MOU.
- 6.2. No amendment or modification of the MOU shall be valid unless same is made in writing and signed by the parties. The modifications/changes shall become part of the MOU from the date on which they are made/ executed, unless otherwise agreed to.

7. COMMUNICATION


- 7.1. Any communication or notice or intimation shall be addressed to the Nodal contacts of the respective parties and sent to the registered address. E-mail correspondence should not be taken as substitute for any official signed hard copy correspondence in all important documents such as but not limited to financial and performance related documents.
- 7.2. Nodal Contacts are:

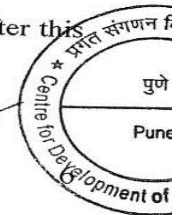
Contact Person for C-DAC - Mr. Sanjay Wandhekar
Designation: Associate Director and HoD, HPC
E-mail ID: sanjayw@cdac.in
Contact Number: 09850826598
Office Address: C-DAC, Pune University Campus, Pune - 411007

Contact Person for IITG: Prof S V Rao
Designation: Professor and Head, Computer & Communication Centre
E-mail ID: svrao@iitg.ernet.in
Contact Number: 09435545812
Office Address: Indian Institute of Technology Guwahati, Guwahati 781039
Assam, India

8. CONFIDENTIALITY AND NON-DISCLOSURE

- 8.1. Any software/hardware material, product specifications, designs, financial, technical information, documents etc. shall be deemed to be in private domain and it shall not be made public or shared with any other party without the prior written consent of the party which owns it.
- 8.2. The material shall be treated as confidential for a period of 5 years after this MOU comes to an end or as agreed from time to time in writing.


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9. INTELLECTUAL PROPERTY RIGHTS SHARING

- 9.1. Pre-existing IP shall be owned by respective owner.
- 9.2. All existing IP of C-DAC shall be owned by C-DAC and existing IP of IITG will be owned by IITG.
- 9.3. For new IP generation, a separate agreement will be initiated with mutual consent by both the parties.

10. FORCE MAJEURE

- 10.1. Neither the party shall be responsible or liable for any failure to perform any of the terms and conditions of the present agreement, due to unforeseen circumstances or causes beyond the reasonable control of either party, including but not limited to acts of God, war, riot, embargoes, acts of civil or military actions, fires, floods, accidents, terrorist activities, strike, quarantine, civil commotion, action of government in its sovereign capacity or shortage of transportation, facilities, fuel, energy, labour or materials. In the event of any such delays, delivery date for a period equal of the time of such delay may be decided on mutual understandable basis. If force majeure continues beyond six months the parties will then decide the future course of action.

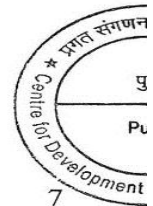
11. EFFECTIVE DATE AND DURATION OF THE MOU

- 11.1. This MOU shall be effective from the date of signing and remain valid for a period of two years.
- 11.2. The validity of the MOU may be extended by an agreement in writing and signed by both the parties.

12. ARBITRATION

- 12.1. In the event of any dispute or difference between the parties hereto, such disputes or differences shall be resolved amicably by mutual consultation. If such dispute or difference is not resolved within 30 days, then the unresolved dispute or difference shall be referred to the sole arbitrator appointed mutually by ED/DG, C-DAC and Director, IITG. If parties do not agree upon sole arbitrator, then each party will appoint its arbitrator and arbitrators so appointed will appoint an umpire. The Arbitration proceeding shall be as per the Arbitration and Conciliation Act 1996. The decision of the Arbitrators shall be final and binding upon parties to the dispute. The arbitration proceeding shall be held at Guwahati/Pune. The language of arbitration shall be English. The courts in Guwahati/Pune only shall have exclusive jurisdiction to try any dispute arising out of this MOU. This MoU shall be governed and interpreted in accordance with the Indian Laws.


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13. TERMINATION OF MOU

13.1. The MOU can be terminated by either party by giving a written notice of three calendar months to be issued through registered post acknowledgement due to the other party. The notice is to enable the parties hereto to assess the monetary impact and such other related factors impinging on the interests of the both the parties by mutual consent. Termination will be effective, subject to honouring of any Financial/Technical/Administrative commitments till the date and receipt of notice of termination.

14. RELATIONSHIPS BETWEEN THE PARTIES:

14.1 Nothing in this MOU shall constitute, create or give effect or recognize a joint venture, partnership or business entity of neither any kind nor any legal claim on one another. The Parties shall at all time stand in relation to each other as independent contractors. Neither of the Parties shall hold itself out to any third party as being the agent of the other or have the authority to bind the other Party without the prior written approval of that Party in each and every case or accept any liability whatsoever for activities of the other Party.

15. NON ASSIGNMENTS

Neither Party shall assign or otherwise transfer this MOU or any part thereof without the other Party's written consent.

16. NON WAIVER

The failure or neglect by either of the Parties to enforce any of the terms of this MoU shall not be construed as a waiver of its rights preventing subsequent enforcement of such provision or recovery of damages for breach thereof.

17. SEVERABILITY

The invalidity or unenforceability of any provision of this MOU shall not affect the validity or enforceability of any other provision of this MOU that shall continue in full force and effect except for any such invalid and unenforceable provision.

18. HEADINGS

Headings of particular Sections are inserted only for convenience and are not to be used to define limit or construe the scope of any term or provision of this MOU.

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Registrar
IIT Guwahati





19. **LIMITATION OF LIABILITY**

After installation and commissioning of the HPC system, C-DAC shall not be responsible and liable for any direct, indirect, consequential, remote loss/damage of any kind including but not limited to loss of data, loss of goodwill, loss of profits, loss of business, loss of opportunities, loss of health, loss of reputation etc, even if C-DAC has been advised of the possibility of such damages.

20. **INDEMNIFICATION**

IITG agrees to indemnify and keep indemnified CDAC, its authorized representatives, employees, successors and assigns harmless against all losses, damages or expenses of whatever form or nature, including, without limitation, attorney's fees and costs and costs of appeals, whether direct or indirect, which they or any of them may sustain or incur as a result of any acts or omissions of IITG or any of its representatives, agents or employees including but not limited to any breach of this MOU or otherwise in writing, or any violation thereof by IITG of any applicable law, or regulation or order.

In witness whereof, the parties hereto have signed this MOU on the day, month and year mentioned herein before.

Parties:

For and on behalf of
IIT, Guwahati

For and on behalf of
C-DAC, Pune

Signature

Name: Mr Uttam Das

Designation: Registrar

Seal

कुलसचिव
भारतीय प्रौद्योगिकी संस्थान गुवाहाटी
गुवाहाटी-781039
Registrar
IIT Guwahati
Guwahati-781039

Witnesses (Name & address)

1.

Ashishank Das
NAME: SHRI ABHISHEK DAS
DESIGNATION: OSD to DG, C-DAC

Prasad
Name: Prasad Wadlakondawar
Sr. Tech. Officer,
HPCS Group

F. No. 17-2/2014-T.S.-I

Government of India
Ministry of Human Resource Development
Department of Higher Education
Technical Section-I

Shastri Bhawan, New Delhi
Dated the 24th November, 2015

CORRIGENDUM

Subject: Revision of rates of Ph.D. Scholarship in AICTE funded and Centrally Funded Technical Institutions under the Ministry of Human Resource Development

The undersigned is directed to refer to this Ministry's letter of even number dated 08-10-2015 on the above mentioned subject and to say that the date "10-07-2015" mentioned in the letter under reference may be read as "01-10-2014".


(Prisca Mathew)

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

The Chairman, AICTE,
The Directors, IITs (As per standard list),
The Directors, IIITs (As per standard list),
The Director, IISC, Bangalore,
The Directors, IISERs (As per standard list),
The Directors, NITs (As per standard list),
The Director, NITIE, Mumbai,
The Director, ISM, Dhanbad,
The Director, NERIST, Nirjuli, Arunachal Pradesh,
The Director, SLIET, Longowal,
The Director, NIFFT, Ranchi,
The Director, NITTRs (as per standard list),
The Directors, SPAs (as per standard list),
The Director, IIST, Shibpur.

INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI
Proceedings of the Selection Committee meeting for
Faculty Positions in the Department of Mathematics
held on 12th March 2016

The Selection Committee, consisting of the following members, met at 9.30 a.m. on 12.03.2015 in the Interview Room of IIT Guwahati, to interview candidates for appointment to the post of Professor in the Department of Mathematics.

- | | | |
|----|--|----------------------------|
| 1. | Prof. G. Biswas
Director, IIT Guwahati | Chairman |
| 2. | Prof. S. Kesavan
Institute of Mathematical Sciences
Chennai | Member (Visitor's Nominee) |
| 3. | Prof. C.R. Subramanian
Institute of Mathematical Sciences
Chennai | Member (Board Nominee) |
| 4. | Prof. Alok Goswami
Statistics and Mathematics Unit
Indian Statistical Institute, Kolkata | Member (Board Nominee) |
| 5. | Prof. J. K. Verma
Department of Mathematics
IIT Bombay | Member (Senate Nominee) |
| 6. | Prof. P. Mahanta
DOFA, IIT Guwahati | Member |

The committee noted that only 1 (one) candidate for the post of Professor has applied against the advertisement in the Institute website. After screening the above application, the following no. of candidate has been called for interview for the posts of Professor.

Professor - 1


The following candidate appeared in the interview :

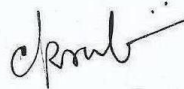
PROFESSOR:


1. Dr. N. Selvaraju

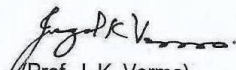
The committee recommends the selection of the following candidate for appointment to the posts of Professor.


Sl. No.	Name	Recommended for	Initial Pay (₹)	Remarks
1	Dr. N. Selvaraju	Professor	As per rules	



(Prof. S. Kesavan)


(Prof. C.R. Subramanian)


(Prof. Alok Goswami)


(Prof. J. K. Verma)


(Prof. P. Mahanta)


(Prof. G. Biswas)

12/3/16

INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI
Proceedings of the Selection Committee meeting for
Faculty Positions in the Department of Mathematics
held on 12th March 2016

The Selection Committee, consisting of the following members, met at 9.30 a.m. on 12.03.2015 in the Interview Room of IIT Guwahati, to interview candidates for appointment to the post of Associate Professor in the Department of Mathematics.

- | | | |
|----|--|----------------------------|
| 1. | Prof. G. Biswas
Director, IIT Guwahati | Chairman |
| 2. | Prof. S. Kesavan
Institute of Mathematical Sciences
Chennai | Member (Visitor's Nominee) |
| 3. | Prof. C.R. Subramanian
Institute of Mathematical Sciences
Chennai | Member (Board Nominee) |
| 4. | Prof. Alok Goswami
Statistics and Mathematics Unit
Indian Statistical Institute, Kolkata | Member (Board Nominee) |
| 5. | Prof. J. K. Verma
Department of Mathematics
IIT Bombay | Member (Senate Nominee) |
| 6. | Prof. S.N. Bora
HOD, Department of Mathematics
IIT Guwahati | Member |

The committee noted that 05 (five) candidates for Associate Professor have applied against the advertisement in the Institute website. After screening the above applications, following no. of candidates were called for interview for the posts of Associate Professor.

Associate Professor 4

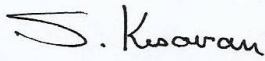
The following candidates appeared in the interview :


ASSOCIATE PROFESSOR:

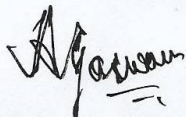
1. Dr. Gautam Kumar Das
2. Dr. Bhupen Deka
3. Dr. Rajesh Kumar Srivastava
4. Dr. Rupam Barman

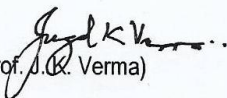
The committee recommends the selection of the following candidates for appointment to the posts of Associate Professor.


Sl. No.	Name	Recommended for	Initial Pay (₹)	Remarks
1.	Dr. Dr. Rupam Barman	Associate Professor	As per rules	
2.	Dr. Gautam K Das	Associate Professor	As per rules	
3	Dr. Bhupen Deka	Associate Professor	As per rules	

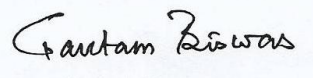

(Prof. S. Kesavan)


(Prof. C.R. Subramanian)


(Prof. Alok Goswami)


(Prof. J.K. Verma)


(Prof. S.N. Bora)


(Prof. G. Biswas)
12/3/16

INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI
Proceedings of the Selection Committee meeting for
Faculty Positions in the Department of Mathematics
held on 12th March 2016

The Selection Committee, consisting of the following members, met at 9.30 a.m. on 12.03.2015 in the Interview Room of IIT Guwahati, to interview candidates for appointment to the post of Assistant Professor in the Department of Mathematics.

- | | | |
|----|--|----------------------------|
| 1. | Prof. G. Biswas
Director, IIT Guwahati | Chairman |
| 2. | Prof. S. Kesavan
Institute of Mathematical Sciences
Chennai | Member (Visitor's Nominee) |
| 3. | Prof. C.R. Subramanian
Institute of Mathematical Sciences
Chennai | Member (Board Nominee) |
| 4. | Prof. Alok Goswami
Statistics and Mathematics Unit
Indian Statistical Institute, Kolkata | Member (Board Nominee) |
| 5. | Prof. J. K. Verma
Department of Mathematics
IIT Bombay | Member (Senate Nominee) |
| 6. | Prof. S.N. Bora
HOD, Department of Mathematics
IIT Guwahati | Member |

The committee noted that 35 candidates for Assistant Professor have applied against the advertisement in the Institute website after the last interview. After screening the above applications, following number of candidates were called for interview for the posts of Assistant Professor.

Assistant Professor - - 6

The following candidates appeared in the interview :

ASSISTANT PROFESSOR

- 1.. Dr. Charitha Cherugondi
2. Dr. Puduru Viswanadha Reddy
3. Dr. Chaman Kumar
4. Dr. Ayon Ganguly

In-absentia :

1. Dr. Sweta Tiwari
2. Dr. Subhamay Saha

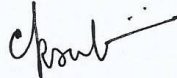
The committee recommends the selection of the following candidates for appointment to various posts as follows :

Sl. No. Name Recommended for Initial Pay

Sl. No.	Name	Recommended for	Initial Pay (₹)	Remarks
1.	Dr. Subhamay Saha	Assistant Professor	← As per rules →	Rs 22640 + AGP Rs 7000/-
2.	Dr. Ayon Ganguly	Assistant Professor	← As per rules →	← Do →
3.	Dr. Sweta Tiwari	Assistant Professor	← As per rules →	← Do →
<p>All the candidates, on satisfactory performance at IIT Guwahati and completion of 3 years of work experience from the date of PhD submission, to be placed in the regular position of PB Rs 30000/- and AGP Rs 8000/-</p>				

 S. Kesavan

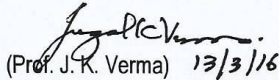
(Prof. S. Kesavan)

 C.R. Subramanian

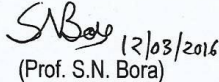
(Prof. C.R. Subramanian)

 Alok Goswami

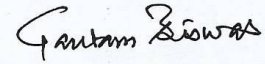
(Prof. Alok Goswami)

 J.K. Verma
13/3/16

(Prof. J.K. Verma) 13/3/16

 S.N. Bora
12/03/2016

(Prof. S.N. Bora)

 G. Biswas

(Prof. G. Biswas)

12/3/16

Summary of the Candidates for Faculty position in the Department of Physics					
Sl. No.	Name	Date of Birth	Educational Qualification	Area of Specialization	Current Position
1	Dr. N. Selvaraju	03.03.1974	Ph.D from IIT Madras,2001	Stochastic Modelling, Queueing theory & Mathematical Finance	Associate Professor at IIT Guwahati
2	Dr. Rupam Barman	01.03.1979	Ph.D from IIT Guwahati ,2010	Number Theory, Algebra	Assistant Professor at IIT Delhi
3	Dr. Gautam Kumar Das	04.12.1976	Ph.D from Indian Statistical Institute, Kolkata,2008	Algorithms	Assistant Professor at IIT Guwahati
4	Dr. Bhupen Deka	31.08.1978	Ph.D from IIT Guwahati, 2006	Numerical Analysis	Assistant Professor at IIT Guwahati
5	Dr. Subhamay Saha	11.05.1986	Ph.D. from IISc, Bangalore, 2013	Probability, Stochastic Processes, Stochastic Networks	Post - doctoral fellow from Sept. 2014 till date at Department of Electrical Engineering, Technion - Israel Institute of Technology, Haifa.
6	Dr. Ayon Ganguly	30.01.1985	Ph.D from IIT Kanpur, 2013	Statistics	Assistant Professor (Contract) at IIIT Allahabad
7	Dr. Sweta Tiwari	08.02.1985	Ph.D. from IIT Delhi,2014	Partial Differential Equations	DGAPA Postdoctoral Fellow from Sept. 2014 till date at Instituto de Matematicas, Universidad Nacional Autonoma de Mexico.