



MINUTES  
33<sup>rd</sup> MEETING  
OF  
THE  
BUILDING & WORKS COMMITTEE

VENUE: KOLKATA EXTENSION CENTRE, IIT  
KHARAGPUR, HC BLOCK, SECTOR-III, SALT LAKE  
CITY, KOLKATA – 700106, WEST BENGAL

DATE: March 1, 2018 (THURSDAY)

TIME: 03.30 P.M.

NATIONAL INSTITUTE OF TECHNOLOGY  
DURGAPUR

Minutes of  
33rd Meeting of Building and Works Committee,  
National Institute of Technology, Durgapur

Held on: 1st March, 2018 (Thursday) at 3.30 pm  
In Kolkata Extension Centre, IIT Kgp, BLOCK-HC, SECTOR-III,  
Salt Lake, KOLKATA - 700106

Members Present:

1. **Prof. Anupam Basu**  
Director,  
National Institute of Technology  
Durgapur - 713 209
2. **Shri Satyaki Sen**  
Ex. Director, M.N. Dastur and  
Nominee of BOG, NIT Durgapur  
CJ 84, Sector - 2, Saltlake City,  
Kolkata - 700 091
3. **Shri D. P. Konhar**  
(Nominee of CPWD, Electrical Wing)  
Superintending Engineer (Electrical),  
Kolkata Central Electrical Circle - 1,  
Central Public Works Department (CPWD),  
234/4, Acharya J. C. Bose Road,  
Kolkata - 700 020.
4. **Shri D. K. Ujjania**  
(Nominee of CPWD, Civil Wing)  
Superintendent Engineer (Civil),  
Kolkata Central Electrical Circle - 1,  
Central Public Works Department (CPWD),  
234/4, Acharya J. C. Bose Road,  
Kolkata - 700 020.
5. **Prof. K. Bhattacharya**  
Prof. of CE Department &  
Dean (P&D),  
National Institute of Technology Durgapur,  
Durgapur - 713 209.
6. **Shri U. C. Mukherjee**  
Registrar (I/C),  
National Institute of Technology Durgapur,  
Durgapur - 713 209.

The Representatives of MHRD, New Delhi and IFD, MHRD New Delhi couldn't attend the meeting.

Following Special Invitee Members were also present

**1. Prof. S. Bhattacharya**

Professor of Civil Engineering Department &  
Chairman Handing / Taking Over Committee,  
National Institute of Technology Durgapur,  
Durgapur - 713 209.

**2. Dr. A. K. Banik**

Associate Professor of CE Department &  
Convenor (Civil Works),  
National Institute of Technology Durgapur,  
Durgapur - 713 209.

**3. Prof. Goutam Sanyal**

Prof. of Computer Application Department,  
Chairman FTIS Committee,  
National Institute of Technology Durgapur,  
Durgapur - 713 209.

**4. Prof. S. Saha**

Professor of Civil Engineering Department &  
Prof. In-Charge, Maintenance Section,  
National Institute of Technology Durgapur,  
Durgapur - 713 209.

At the beginning of the 33<sup>rd</sup> B&WC meeting, The Chairman of the committee has expressed warm welcome to the members and thanks all of them for their keen interest towards the infrastructural development programme of the Institute.

Item No.	Item	Resolution
33.1	To confirm the minutes of the 32nd Meeting of Building and Works Committee (B & WC) held on January 15th 2018(Monday) At Kolkata Extension Centre, IIT Kgp, BLOCK-HC, SECTOR-III, Salt Lake, KOLKATA - 700106	Confirmed
33.2	<p>To note down the action taken on items resolved in 32nd Meeting of Building and Works Committee (B &amp; WC) held on January 15th 2018</p> <p>32.1 Confirmation of 31<sup>st</sup> Meeting of B&amp;WC</p> <p>The 33<sup>rd</sup> B&amp;WC meeting was conducted on an emergency basis to take decision on the projects that would be funded by HEFA so that the outcome of 33<sup>rd</sup> B&amp;WC can be placed together with the minutes of 32<sup>nd</sup> B&amp;WC to the ensuing FC and BOG. Therefore no separate action taken report on rest of the items of 32<sup>nd</sup> B&amp;WC i.e. 32.2 to 32.19 is presented.</p>	Noted
33.3	<p>There were Nine Proposals approved in 32nd B&amp;WC which will be placed in the next FC and BOG for approval. They are mentioned in the Annexure 33.2 (A15-A17). Amounting Rs. 41.9013644 (P.3.101)</p> <p>Out of these nine projects, three projects mentioned as in #32.2/#30.16 (b) (i.e. Renovation of Central Library = Rs. 5.60157cr.); #32.4 (Renovation of Old Hostels = Rs. 20.8424cr.); and #32.7 (ACs in 150 and 300 seated Auditoriums in New Academic Block = Rs. 1.76173cr.) are required to be funded through HEFA, the sum total PE of these three projects = <u>Rs. 28.20574 cr.</u></p>	It is approved that the funding be made through HEFA

P.G.  
Discussed

Min  
07/03

33.4	<p>Construction of a G+12 Storied Building housing Central Research Facility (CRF), Central Laboratory Facilities (CLF), and Multi-Disciplinary Laboratories (MDL).          'The total floor area including Ground Floor will be @ 13000 sqm i.e. 1000 sqm per floor...'</p> <p>CPWD has submitted the P.E. =Rs. 70.1129cr in front of the committee. While <u>accepting</u> the PE, the committee has deliberated on the plan submitted and the following points were resolved:</p> <ol style="list-style-type: none"> <li>1. The actual expenditure is to be restricted to Rs. 55.0cr. for the time being inclusive of Rs. 5.0 cr. for furniture and <u>complete</u> internet system in the building which includes conduit, cabling, switches, ports etc. Proper scheduling is to be made for such installation such that it can be in use as per the utilization of different phases as mentioned below.</li> <li>2. As there is height restriction in Durgapur Municipality Area of any building to 44.0m so keeping plinth height = 0.75m, restrict the number of storey to G+10 only, with floor height 3.90m each.</li> <li>3. There will be three phases of handing over a) from GF to G+3, 4<sup>th</sup> to 7<sup>th</sup> and 8<sup>th</sup> to 10<sup>th</sup>.</li> <li>4. At the level of 4<sup>th</sup> floor roof and 8<sup>th</sup> floor roof there will be an extension of slab 1.0m all around so that it will protect the outer unit of AC machines installed in different phases as in point 3.</li> <li>5. The construction of the structural frame upto G+ 10 shall be completed in one go and the internal finishing above G+7<sup>th</sup> level shall be done as per the availability of fund. It is required to complete the lift well, dumbwaiter, over-head tank, pipe lines once for all.</li> <li>6. External finishing and site clearance be done after completion of the frame up to G+10.</li> </ol>	It is approved that the funding be made through HEFA
------	---	--

MUMD  
07/03/18

7. Plan has to be modified a little as, i) E & M service block is marked as 'A' from where the services are to be shifted to block 'C' of the plan attached. The heavy instrument laboratory is to be placed in 'A'. The width of the A block is to be increased from 7.4 m to 9.0m. The block A shall be of 7.8m high at ground floor having tied at 5.0m level (for one bay only) to facilitate loading unloading of goods from trucks inside the laboratory. There shall not be any cross beams at any levels to facilitate free movement of the lift of 5.0 t capacity over a gantry girder inside the Block A. For other floors that restriction are not required in A.
8. One Class room of 60 capacity be provided only at every two floors starting from 2<sup>nd</sup> floor onward. No such room be provided in GF and 1<sup>st</sup> floor. Only one conference room of 80 capacity has to be provided in 4<sup>th</sup> floor in addition to the class room with OHP, table microphones, collar microphone, sound system etc.
9. No dumbwaiter has been provided in the plan. Remove that discrepancies and provide one dumbwaiter.
10. Rolling shutters are to be provided at suitable bay in Block A and Block B. Width and height of shutters shall be sufficient for entry and exit of truck.
11. Estimation should include laboratory, class room, conference room, faculty furniture.
12. Additional Adequate power provision (cabling etc.) for ACs (say @ 30% floor area) is to be included over the provision of normal illumination systems and fans etc. ACs are not to be included for floors from 2<sup>nd</sup> to the rest in the estimates; except in Ground and 1<sup>st</sup> floors where ACs are to be provided as per the instruction from the Institutes.
13. False ceiling is to be provided where ACs are to be installed.
14. The width of the stair case shall be little more than what is provided. It shall be clear 2.25m for each flight.

MUMD  
02/03/15

	<p>15. Fire exit stair with Fire rescue Platform have to be there as per fire safety rule.</p> <p>16. Fire Evacuation Map to be provided</p> <p>17. DPR of the project is to be submitted by CPWD.</p>	
33.5	<p><b>Construction of Sports Complex</b></p> <p>CPWD had submitted PE in 2014 which is revisited in 2018 by taking into consideration of the <u>up-to-date</u> price index, taxes, levees, cess etc. as Rs. 29.9197cr.</p> <p>The committee has <u>accepted</u> the PE and the following points were resolved:</p> <ol style="list-style-type: none"> <li>1. As there is an urgent need to improve the bandwidth of the Net-Work System of the campus (placed in any other matter) it is resolved that the expenditure will be restricted as of now to Rs. 24.0 cr. only.</li> <li>2. The entire frame of G+4 shall be completed in one go, however, the finishing of the floors to be taken up as per the availability of the fund.</li> <li>3. The Dumbwaiter and the Lifts are to be provided.</li> <li>4. The stores will be divided in GF and 1<sup>st</sup> Floor.</li> <li>5. The width of the stair case shall be little more than what is provided. It shall be 2.25m for each flight.</li> <li>6. Fire exit stair has to be there as per rule.</li> <li>7. DPR of the project is to be submitted by CPWD.</li> </ol>	It is approved that the funding be made through HEFA
33.6	<p><b>Any other matter</b></p> <p>Keeping in view the need it is resolved that Rs. 5.0cr is required for bandwidth enhancement which is also to be funded through HEFA.</p>	

*MCM*  
07/03/18  
Registrar (I)

Member Secretary, B&W

*[Signature]*  
Director

Chairman, B&WC

A8