

Minutes of

32nd Meeting of Building and Works Committee,

National Institute of Technology, Durgapur

Date: 15th January, 2018 (Monday)

Time: 11.30 AM

**Venue: Kolkata Extension Centre, IIT Kharagpur, HC Block, Sector-III,
Salt Lake City, Kolkata – 700 106**

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

Minutes of 32nd Meeting of Building & Works Committee

January 15, 2018 (Monday), Kolkata Extension Centre, IIT Kharapur, HC Block,
Sector-III, Salt Lake City, Kolkata – 700 106.

1. **Prof. Anupam Basu,** - **Chairman**
Director,
National Institute of Technology
Durgapur – 713 209
2. **Shri Satyaki Sen,** - **Member**
Nominee of BOG,
NIT Durgapur
CJ 84, Sector – 2, Saltlake City,
Kolkata – 700 091
3. **Shri D. K. Konhar,** - **Member**
(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,** - **Member**
(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,** - **Member**
Prof. of CE Department &
Dean (P&D),
National Institute of Technology Durgapur,
Durgapur – 713 209.
6. **Shri U. C. Mukherjee,** - **Member Secretary**
Registrar (I/C),
National Institute of Technology Durgapur,
Durgapur – 713 209.

Members from MHRD and Finance could not attend the meeting. Soft copy of Agenda paper were sent to everybody well in advance.

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The Meeting was also attended by the following Invitee Members.

1. **Prof. Goutam Sanyal,** - **Special Invitee**
Prof. of Computer Application Department,
Chairman ITIS Committee,
National Institute of Technology Durgapur,
Durgapur – 713 209.
2. **Prof. N. K. Roy,** - **Special Invitee**
Prof. of Electrical Eng. Department &
Convenor (Electrical Works),
National Institute of Technology Durgapur,
Durgapur – 713 209.
3. **Prof. S. Bhattacharya,** - **Special Invitee**
Professor of Civil Engineering Department &
Chairman Handing / Taking Over Committee,
National Institute of Technology Durgapur,
Durgapur – 713 209.
4. **Dr. A. K. Banik,** - **Special Invitee**
Associate Professor of CE Department &
Convenor (Civil Works),
National Institute of Technology Durgapur,
Durgapur – 713 209.
5. **Mr. T. Halder,** - **Special Invitee**
Executive Engineer,
National Institute of Technology Durgapur,
Durgapur – 713 209.

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| Item No. 32.1 | To confirm the minutes of the 31 st Meeting of Building and Works Committee (B & WC) held on September 23 rd 2017 at CSIR Guest House, SIRSA Campus, 59 Lake Road, Kolkata-29 | Confirmed. |
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| Item No. 32.2 | To note down the action taken on items resolved in 31 st B&WC meeting held on 23 rd September 2017 at CSIR Guest House, Kolkata -29 |
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| Item No. | Item | Resolutions / Observations |
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| 31.1 | To confirm the minutes of 30 th B&WC meeting | Noted |
| 31.2 | <p>#30.2/#29.3 Lifts of 740 Boys' Hostel. 3 Nos. Lifts of 740 Boys' Hostel are in operation. Installation Work of one lift and another dumbwaiter is continuing. However due to unruly behavior and frequent damages made by the 1st year Inmates that facility is temporarily withdrawn.</p> <p>#30.2/#29.6 Completion of External and Internal Paintings of Hostels,</p> <p>#30.2/#29.10 Related to Extension of Dining Hall of Halls-1, 2 and 5 the committee has ratified the additional space required during execution as well as minor extra expenditure in 31st B&WC meeting. Extra expenditure is Rs. 16.86 lac for Hall 5 and Rs. 5 lac each of halls 1 and 2. The Sanction project cost was Rs. 99.81 Lacs.</p> <p>#30.2/#29.11 Submission of Separate estimation for additional Geysers installed at other hostels and blocks not within the scope</p> | <p>CPWD is asked to install all other lifts by 28th February 2018.</p> <p>CCTV is to be installed just outside the all Lifts by the Institute.</p> <p>Noted</p> <p>To be placed before the next 44th FC for concurrence.</p> <p>The Committee approves the estimated cost of Rs. 17.67067 lac incurred by CPWD, for releasing on account of additional Geysers. To be placed in next FC for fund sanction.</p> |

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| | <p>#30.2/#29.13 Service Provider for Cable TV of NEW GUEST House. Committee has been informed that keys of all rooms of new Guest House were handed over to Institute.</p> <p>#30.2/#29.14 Slow Progress of Peripheral Wall of the Campus</p> <p>#30.3 a) Addressing the Functional Problems of New Guest House attached in (Annexure - 32.2, pg. A11-A13)</p> <p>CPWD is requested to address all such deficiencies at the earliest.</p> <p>The Annexure also includes the deficiencies of 740 Boys' Hostel, 264 Girls' Hostel, New Academic Block, 500+ Girls' Hostel, and Chemistry Lab cum BT Dept.</p> <p>#30.5 Delay in supplying of Chairs of Hostels</p> <p>Show cause Notice issued. (Annexure -32.3, pg. A14)</p> | <p>Cable TV is ready in 20 Rooms. Payment is made as per contract.</p> <p>Pending work like site cleaning, putting rain sheds, grills etc. as listed by the Institute is underway by CPWD.</p> <p>The matter was discussed in detail. CPWD has to complete the work including renovation of Main Gate and North Gate within April 2018.</p> <p>CPWD addressees some of the deficiencies of Guest House. Making of a VAT of masonry wall at a suitable place for dumping of debris for disposal is also instructed.</p> <p>The Committee has expressed the need to address the enlisted deficiencies of all other projects at the earliest. Safety Certificate of all buildings are to be handed over by CPWD to the Estate Office soon.</p> <p>It is resolved that work order of chairs to be cancelled and fresh procurement should be started as per GFR.</p> |
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| | <p>#30.8 P.E. of augmentation of facilities Civil, Electrical and Audio and Visibility capacity including replacement of furniture of Lecture Halls and Lecture Galleries of the Main Academic Building.</p> <p>#30.9 Yearly maintenance of the campus</p> <p>CPWD in its letter dated 01/09/2016 had declined to carry out the job and so the Institute has initiated the job by tendering. However 43rd FC has once again resolved to approach CPWD for the purpose. <u>The matter is initiated again</u></p> <p>#30.10 P.E. = Rs. 54, 02,931/- (Annexure - 32.5, pg. A17)of External Paintings with external repairing of all quarters is approved by B&WC and 43rd FC</p> <p>#30.11 P.E of relaying and renovation of campus sewer lines with few public urinals (Rs. 6,19,57,134/-)(Annexure - 32.6,pg. A-18) has been approved by B&WC and 43rd FC.</p> <p>#30.15 Regarding Roll on Plan for Next 5 years/20 years. It was resolved to outsource the task to professional bodies.</p> <p>#30.16</p> <p>a) It was approved that CPWD will assess the strength of the existing structures of Mechanical Engg. Dept. and Center of Excellence for supporting additional structural Shed and submit its P.E</p> | <p>P.E. = Rs. 178.36 Lac (submitted by CPWD) as well as releasing of 1st Instalment is approved. To be placed in next FC for fund sanction.</p> <p>The committee has requested CPWD and NBCC to submit the proposal of yearly maintenance of the whole campus within 7 days.</p> <p>The first installment of 1/3rd of the PE is released. The CPWD has informed that the Tender has already been floated.</p> <p>The first installment of 1/3rd of the PE is released. It is informed by CPWD that the Tender will be floated on 25th February 2018.</p> <p>BOG approval is required for hiring a suitable consultancy firm. Registrar to take action.</p> <p>P.E. = Rs. 81.34 Lac for a shed over ME Dept. as well as releasing of 1st Instalment is approved. To be placed before 44th FC for fund sanction.</p> |
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| | <p>b) External and Internal paintings with renovation and central AC of Central Library is approved.</p> <p>c) Additional Fund of 3.5cr. for furnishing the upper two additional floors over the existing G+4 500+ girls' hostel. Deferred.</p> <p>d) Separating wall between residential area and students' hostels. Deferred</p> | <p>P.E. = Rs. 560.15749 Lacs (submitted by CPWD) as well as releasing of 1st Instalment is approved. To be placed before FC for fund sanction.</p> <p>Noted</p> <p>Noted</p> |
| 31.3 | <p>The progress report of works entrusted to CPWD till August 2017 was reported.</p> <p>Reminder letter for addressing the short falls of some other projects have been issued to CPWD.</p> <p>Communication is made with NBCC for completion of its pending work regarding LAN with Server under the head of 'Renovation of Academic Building' as well as malfunctioning in different projects and short fall of certain documents. (Annexure - 32.9, pg. A22-A26)</p> | <p>Noted</p> <p>Noted</p> <p>Chairman has requested NBCC to visit the Campus and complete the pending work including LAN with server of Academic Building. NBCC has visited the site on 18/01/2018.</p> |
| 31.4 | <p>Automation & Provision of LAN using OFC for the campus. The committee recommends certain features for controlling consumption of data and also phase-wise estimation. Included in Item No. 32.5</p> | <p>Noted</p> |
| 31.5 (under any other matter) | <p>a1) Renovation of campus Roads. Included in Items No. 32.6 and 32.10</p> <p>a2) Arrangement for Cleaning of all Septic Tanks of Hostels.</p> | <p>Noted</p> <p>The progress is noted.</p> |

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| a3) Cleaning of the floors of dining halls and kitchens. | The progress is noted. |
| b) Installation of CC TV in the 'New Academic Block'. PE is under process by the Institute following GFR. | Noted |
| c) Installation of AC machines in lecture halls and Galleries in phases of 'New Academic Block'. Included in Item No. 32.7 | Noted |
| d) Additional Grill over the existing railing of corridor of International Students' Hostel. | The Committee approved the proposal. Work to be started by the Institute. |

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| Item No. 32.3 | Progress of Various 'On-Going Project' entrusted with CPWD and NBCC |
| Both CPWD and NBCC representative apprised the members regarding present status of their projects. | |

P.ES OF PROJECTS ALREADY APPROVED BY EARLIER B&WC (6 Nos. Items 32.4 - 32.9)

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| Item No. 32.4 | Renovation of Old Hostels (Ref #31.2/30.7) |
| Revised P.Es. of Renovation of 5 Old Hostel for Boys have been submitted by CPWD. It excludes 'Internal and External Paintings' and renovation of Toilets which was already completed recently. The P.Es are as follows: Hall 1 : Rs. 3,59,84,309/- Hall 2: Rs. 3,59,84,309/- Hall 3: Rs. 3,09,52,129/- Hall 4: Rs. 3,97,50,933/- Hall 5: Rs. 4,45,76,350/- | P.E = Rs. 2084.24030 lac as well as releasing of 1 st Instalment has been approved for the renovation of Halls 1 to 5 and Halls 7 and 8. To be placed in next 44th FC for fund sanction. |
| Total = Rs. 18,72,48,030/- (Annexure - 32.11, pg.A31-A35) | |
| <u>Placed for Approval and issuance of A/A and E/S of these five Hostels with 1st Installment.</u> The scrap materials will be sold off by CPWD and be adjusted in the estimate/expenditure. | |
| P.E. of Hall 7 - Rs. 1,29,92,000.00 PE of Hall 8 - Rs. 81,84,000.00 | |

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| Item No. 32.5 | Automation and Provision of LAN using OFC for the entire Campus of NIT Durgapur at approximate cost of Rs.15 cr. (Ref. BWC #31.4) | |
| <p>The Item was accepted in principle in 38th FC (# 38.10 A) dated 25/5/2016 and the details are discussed in 31st B&WC. The Preliminary Estimate is revisited as per the minutes of 31st B&WC (#31.4) and the revised P.E. submitted by the internal committee for the 1st phase is = Rs.5,50,95,500/- only. (Annexure -32.12 pg. A36-A38)</p> <p>The work will be executed as per the direction of the BOG.</p> | <p>The committee approves the P.E prepared by an Internal Committee of Rs. 550.955 lac.</p> <p>To be placed in next 44th FC for fund sanction.</p> | |

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| Item No. 32.6 | Renovation of R.C. Campus Road Component – I (Ref.:#31.5(a)) | |
| <p>P.E. of Renovation of Main Road about 2.1 km (North- South and East-West) with Concrete Pavement (Minimum Grade M25) has been submitted by CPWD amounting Rs. 2,30,69,100/- including taxes, cess and contingency. (Annexure - 32.13, pg. A39)</p> | <p>P.E is approved. The committee has opined that to complete the renovation of all campus roads in one go, the PE of Item # 32.10 be clubbed together and thus the total P.E. = Rs. 230.691 lac + Rs. 99.5 lac = <u>Rs. 330.191 lac</u> as well as releasing of 1st Instalment is approved. To be placed in next 44th FC for fund sanction.</p> | |

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| Item No. 32.7 | Installation of AC machines in Lecture Halls and Lecture Galleries of 'New Academic Block'. (Ref.:#31.5/c) | |
| <p>P.E. is asked from CPWD to provide Split ACs of 1.5t each in different 90 seater halls, 150 seater and 300 seater auditoriums in phases.</p> <p>In 1st Phase ACs are to be provided in 90 seater halls (4Nos.) 150 Auditorium (4Nos.) and 300 Auditorium (1 No.)</p> <p>In 2nd Phase the remaining 90 seater halls, 150 and 300 Auditoriums are to be catered.</p> <p>The laying and supplying of requisite power cables etc. are also to be included In the P.E of <u>the entire scheme</u>. (Annexure - 32.7, pg. A19)</p> | <p>Including suitable augmentation of distribution substation to the scope, a P.E. = Rs. 176.17265 lacs (as submitted by CPWD) as well as releasing of 1st Instalment is approved. To be placed in next 44th FC for fund sanction.</p> | |

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| Item No. 32.8 | Approval for additional fund to meet scopes of additional fire exit and Service Tax | |
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| CPWD has submitted a letter No. 54(10)/EE/NITDPD/CPWD/2017-18/303 dt. 08/12/17 (Annexure - 32.14, pg. A40-A42) stating additional expenditure incurred due to i) inclusion of additional staircase for fire safety and ii) Service Tax introduced in 1/03/2015. Because of these two reasons the expenditure exceeds by Rs. 1.44 cr. over the capped amount Rs. 38.68 cr. | | The committee approved the estimated amount of Rs. 144.0 lac. To be placed in next FC for fund sanction. |

| Item No. 32.9 | Construction Of New Staff Quarters by demolishing the old ones. | |
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| <p>CPWD, after inspection of the buildings, opined that renovation of staff quarters is not possible and proposed the demolition of the buildings which are in ram shacked condition [B&WC- #23.2/#22.2/#21.6]. This proposal was placed and approved by BOG of the Institute in its 24th meeting held on October 18, 2012 (BOG #24.08)</p> <p>Based on the above approval CPWD is requested to submit Plans and Elevation of the Staff quarters (G + 5) for different categories of staffs staying in LM, LS and SS with facilities as per central government rules. The exact requirement of such quarters will be provided by the Institute. The <u>drawings as well as P.E.s</u> are to be submitted for approval in phases like for LM and LS (Phase-1) and for SS (Phase-2). The scrap materials will be sold off by CPWD and be adjusted in the estimate/expenditure.</p> | | <p>The committee members approved the proposal and to carry out survey for demolition of LS type quarters. Based on that CPWD is requested to submit PE for multistoried G+5 type-II quarters (50 Nos.) to be placed in the next B&WC meeting.</p> <p>It is also suggested that for type -III quarters a suitable modification scheme of the existing LM quarters be explored taking into account the interest of the stake holders and to be placed in the next B&WC meeting.</p> |

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NEW PROJECTS WHICH NEED APPROVAL FOR P.E FROM CPWD (6 Nos. Items 32.10 – 32.15)

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| Item No. 32.10 | Proposal for renovation of campus road (flexible pavement) in Component -II | |
| | Renovation of all artillery roads was last done in 2009-10. The condition of such roads need renovation once again. CPWD has submitted PE of Rs. 99.5 Lakhs for about 4 KM Road. Surface area approx. 195250 sqm. (Annexure - 32.7 pg. A19) | PE is approved. Resolved to be carried out together with the Item # 32.6. |

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| Item No. 32.11 | Proposal for renovation of Departmental Sheds 1 to 9 | |
| | There are Nine Structural Sheds attached to different technical Departments which are about 50 years old. The sheds are required complete renovation including dismantling of damaged wall, replacement of cover sheet, strengthen and retrofitting of truss, proper drainage system around the sheds, provision of toilets attached to each shed, flooring with Kota Stones etc. false ceilings etc. The nature and scope of the work is nearly the same as done by CPWD for 'Renovation of Workshops'. The scrap materials will be sold off by CPWD and be adjusted in the estimate/expenditure. | CPWD is requested to submit the PE as per the scope as would be outlined by the Institute. |

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| Item No. 32.12 | Proposal for a Boundary Wall separating the 1st Year Hostel – Hall 11. | |
| | All the 1 st year students are accommodated in Hall-11 (740 seated hostel). There is a beautiful landscaping in front of the hostel. However as there is no boundary wall the students are not allowed to use that space for sports and games. So it is proposed that CPWD will submit a P.E. of a boundary wall taking that landscape within its purview of the Hostel and also provide courts for Volley Balls and Basket Ball within. P.E = Rs. 49.97 lacs is submitted by CPWD. | P.E. = Rs. 49.97 lacs as well as releasing of 1 st Instalment is approved. To be placed in next FC for fund sanction. |

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| Item No. 32.13 | Renovation of Main Gate and North Gate | |
| P.E. asked from CPWD of the above subject. | | The work is already under estimated value of renovation of boundary wall. Noted. |

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| Item No. 32.14 | Internal Paintings of Staffs' quarters LM, LS, SS | |
| CPWD is requested to submit P.E. of internal acrylic/oil bound distemper of staff quarters except their kitchen, bath rooms and WCs which will be of Lime Wash. All wooden / steel works shall be painted with synthetic enable paintings as per CPWD guide lines. A list of occupied quarters and its area measurements is provided to them. | | CPWD is requested to submit PE for internal painting including electrical & civil work of LM & SS type quarters after taking into account the joining of two units of LM into a single unit. |

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| Item No. 32.15 | Building of New Stair Case by dismantling an old narrow stair case | |
| The Chemical Engineering Department is a two storey building having a narrow stair case of hardly 90 cm wide each flight. Whereas the available width of the panel is about 3.25m where a new staircase can be cast. Nevertheless the condition of the existing staircase is in ram-shacked one. So CPWD is requested to submit P.E. of a new by dismantling the old one. | | Approved. CPWD is requested to submit PE. |

Other Items (4 Nos. Items 32.16 – 32.19)

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| Item No. 32.16 | Installation LED and other Power Saving appliances in the Campus | |
| As per the instruction of 'Ministry of Finance' the Institute has written a letter to MD and DGM (Technical) on 15 th December 2017, of Energy Efficiency Services Ltd. (EESL) inviting them to the Institute for having a meeting on installation of LED and other Power savings Appliances. The matter was also informed to the Ministry. But till date no response has been received from EESL. (Annexure - 32.15, pg. A43-A45) | | Response received from EESL regarding inventory list of electrical items and power consumption for last one year. Institute is in the course of preparing inventory list. |
| Place for approval from the committee for doing MOU and asking P.E from EESL. | | |

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| Item No. 32.17 | Beautification of Pond area and Landscaping of the campus | |
| The matter was once discussed in 29 th B&WC, however CPWD has not taken any steps towards it. It is once again reiterated with increasing scope of work by inclusion of renovation of Landscaping of the Entire Campus. | P.E of the beautification of Pond Area only is received from CPWD. The committee members has approved the P.E. = Rs. 34.75 lac as well as releasing of its 1 st Instalment. | To be placed in next FC for fund sanction. |

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| Item No. 32.18 | Construction of Cycle Sheds in Hostels | |
| It is a students' demand to have cycle sheds in their hostels. CPWD is requested to submit a plan depending on the area available without destroying the play-ground of the respective hostels. | Approved. | CPWD is requested to submit PE. |

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| Item No. 32.19 | Renovation (External and Internal) of CSE and Chemistry Dept. | |
| Renovation of old Academic Building including its departments was done by NBCC. However the renovation of above two departments lying as standalone remained out of the scope. So it is proposed that CPWD would take up the work and submit P.E. | CPWD is requested to submit PE for renovation of CSE Department. | As the Chemistry department is a single storey building, a review is to be made over its renovation or demolition with reconstruction of G+3 building or augmentation of an additional floor space by structural shed. The report has to be placed in the next B&WC meeting. |

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Any other matter as approve by the Chair.

- a) Installation of Deep Tube wells in the campus.

The committee members approved with installation of water treatment plant. CPWD is requested to submit PE.

- b) Covered Car and Two Wheeler Parking Sheds.

The committee members has approved and estimated amount of Rs. 14.175 lacs. **To be placed in next FC for fund sanction.**

- c) Sports Complex.

CPWD is requested to submit phase wise PE in consultation with PTI, Sports Committee, Dean (P & D)

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


Registrar (I/C)


Director