



**National Institute of Technology
Rourkela**

MINUTES

**57th Meeting of
Building & Works Committee**

DATE : 31st July, 2026 (Friday)
TIME : 04:00 P.M.
VENUE : Board Room, NIT, Rourkela



राष्ट्रीय प्रौद्योगिकी संस्थान, राउरकेला
National Institute of Technology, Rourkela

57th Building & Works Committee, National Institute of Technology, Rourkela, held on
31.07.2026 (Friday) at 04:00 PM in the Board Room of the Institute & MS Teams (online).

Members Present

1. **Prof. K. Umamaheshwar Rao**
Director & Chairman, BWC
NIT, Rourkela
2. **Shri Heera Lal,** [Through online mode]
Deputy Secretary (NITs-I),
Room No: 20026,
Department of Higher Education,
Ministry of Education (Shiksha Mantralaya),
Government of India,
Kartavya Bhavan - 2, New Delhi – 110001
3. **Shri Harihara Sundaram. S** [Through online mode]
[representative of Shri Mukesh Kumar, Director (IFD)]
US, IFD,
US-3 22049,
Department of Higher Education,
Ministry of Education (Shiksha Mantralaya),
Government of India,
Kartavya Bhavan - 2, New Delhi – 110001
4. **Prof. Subrata Kumar Panda**
Professor, Mechanical Engineering &
Member, BOG, NIT, Rourkela
5. **Prof. Pradip Sarkar**
Professor, Civil Engineering & Dean (PD)
NIT, Rourkela
6. **Prof. Rohan Dhiman**
Registrar & Member Secretary, BWC,
NIT, Rourkela

Invitees Present

7. **Prof. C. Nanda, CE**
Professor of Practice, NIT Rourkela
8. **Prof. R. N. Behera, CE**
Associate Dean PD (Civil), NIT Rourkela
9. **Prof. S. Ghosh, ME**
PIC (HVAC), NIT Rourkela

10. Mr. Rajesh Kumar Sahoo

HOD (EM), Executive Engineer (E), NIT Rourkela

11. Mr. Joydip Mondal

Senior Executive Engineer, Estate, NIT Rourkela

12. Mr. S. Subhadarshi

Senior Executive Engineer (Civil), Estate, NIT Rourkela

13. Mr. H. Satapathy

Executive Engineer (Civil), Estate, NIT Rourkela

14. Er. S. R. Sahu, EE, CPWD (Special Invitee)

Members & Invitees Absent

15. Mr. Dillip Kumar Sahoo

GM, Projects (Civil)
SAIL, RSP, Rourkela

16. Mr. Sanjay Kumar Pradhan

GM, Tower Engg (Elect)
SAIL, RSP, Rourkela

17. Prof. Gopalakrishna Srungavarapu, EE

Associate Dean PD (MEP), NIT, Rourkela



राष्ट्रीय प्रौद्योगिकी संस्थान राउरकेला
National Institute of Technology Rourkela

Minutes of the 57th Meeting of Building & Works Committee, National Institute of Technology Rourkela, held on 31.07.2026 at 4:00 P.M. in the Board Room of the Institute.

A) GENERAL AND PROCEDURAL MATTERS

BWC: 57(2026)-01: Welcome to the members by the Chairman of the BWC.

The Director and Chairman of BWC welcomed all members to the meeting.

BWC: 57(2026)-02: Confirmation of the minutes of the 56th meeting of the BWC held on 27.03.2026.

The minutes of the 56th meeting were sent to the members, and no comments were received from members.

[Annexure-A1, Page No. 7 – 17]

BWC confirmed the minutes of the 56th meeting of the BWC.

BWC: 57(2026)-03: To report on the action taken on the decisions made in the 56th meeting of the BWC held on 27.03.2026 and to discuss matters arising out of the minutes.

The report on the action taken regarding the decisions made at the 56th meeting of the BWC, held on 27.03.2026, is presented for BWC's consideration.

[Annexure-A2, Page No. 18]

The agenda item was placed before the BWC for information. The Committee took note of the same.

B) REVIEW OF ONGOING PROJECTS

BWC: 57(2026)-04: Review of ongoing Civil Projects

A report on the progress of ongoing Civil Projects is enclosed for the perusal of the committee.

[Annexure-A3, Page No. 19 – 21]

The report on the progress of ongoing Civil Projects was placed before the BWC for information. The Committee took note of the same.

for

BWC: 57(2026)-05: Review of ongoing Electrical Projects

A report on the progress of the ongoing Electrical Projects is enclosed for the committee's perusal.

[Annexure-A4, Page No. 22]

The report on the progress of ongoing Electrical Projects was placed before the BWC for information. The Committee took note of the same.

C) APPROVAL FOR PROJECTS: (PART- 'A')

BWC: 57(2026)-06: Construction of Porte Cochère, Flag Post and Associated Site Development Works at the Golden Jubilee Building, NIT Rourkela

The Golden Jubilee Building, which has recently been occupied by the Institute, serves as the Administrative Building housing the offices of the Director, Deans, Registrar, and other key administrative officials. As the principal administrative building of the Institute, it receives a large number of visitors, dignitaries, and other distinguished guests.

The building, as originally designed and constructed, does not have a porte cochère (covered vehicular drop-off area) at its main entrance. Following the occupation of the building, it has been realized that the absence of a covered drop-off facility causes considerable inconvenience, particularly during the monsoon season, when visitors are required to alight from vehicles in the open and are exposed to rain. It is, therefore, proposed to construct a professionally designed porte cochère at the main entrance of the Golden Jubilee Building. The proposal also includes installing a permanent flag post in front of the building, along with the necessary site development works.

Based on the Institute's request, CPWD has prepared a preliminary estimate for the proposed work amounting to ₹3,16,47,500/-.

Estimated cost – ₹3,16,47,500/-

Source of the fund – Institute Corpus/Savings available under the Golden Jubilee Building Rectification Work with CPWD.

[Annexure – A5, Page No. 23 – 39]

BWC recommended this proposal to FC for approval as a new proposal.

BWC: 57(2026)-07: Providing and Fixing Factory-Made 3 mm Thick SS 304 Grade CNC-Cut Jali Around the Basketball Court of the Sports and Common Facilities, NIT Rourkela

The Indoor Sports and Common Facilities complex on the Institute campus was recently handed over to NIT Rourkela and has been in use since the last semester. The Student Activity Center has reported that during recent storms and wind-driven rains, water has been entering the Basketball Court area, causing damage to the court surface.

The Basketball Court is provided with Polyurethane (PU) flooring, which is highly susceptible to damage from prolonged exposure to water. To prevent

rainwater ingress and protect the facility, it is proposed to undertake the work of providing and fixing factory-made 3 mm-thick SS 304 Grade CNC-Cut Jali around the basketball court of the Indoor Sports and Common Facilities Complex.

Based on the Institute's request, CPWD has prepared a preliminary estimate for the proposed work amounting to ₹2,22,99,800/-.

Estimated cost – ₹2,22,99,800/-

Source of the fund – OH 35

[Annexure – A6, Page No. 40 – 47]

BWC recommended this proposal to FC for approval.

BWC: 57(2026)-08: Construction of Additional 0.75 MLD Sewage Treatment Plant (STP) at NIT Rourkela

The State Pollution Control Board (SPCB), Odisha, vide Letter No. 665 dated 11.02.2025, has recommended an overall Sewage Treatment Plant (STP) capacity of 2.0 MLD for the Institute campus to ensure adequate treatment of wastewater generated within the campus.

CPWD is presently constructing an STP comprising 2 × 0.75 MLD units with a total treatment capacity of 1.50 MLD. To comply with the recommendation of SPCB, Odisha, it is proposed to augment the treatment capacity by constructing one additional 0.75 MLD STP unit, integrated with the ongoing STP project. The proposed augmentation will increase the total installed treatment capacity to 2.25 MLD, thereby ensuring adequate treatment capacity to meet the Institute's present and future wastewater management requirements and statutory environmental obligations.

Based on the Institute's request, CPWD has prepared a preliminary estimate for the proposed work amounting to ₹6,33,44,200/-.

Estimated cost – ₹6,33,44,200/-

Source of the fund – OH 35

[Annexure – A7, Page No. 48 – 72]

BWC recommended this proposal to FC for approval.

BWC: 57(2026)-09: Providing VRV Air Conditioning, Acoustic Wall Paneling and Wooden Flooring for the Multi-Purpose Hall of Kendriya Vidyalaya, NIT Rourkela

Kendriya Vidyalaya, NIT Rourkela, has recently occupied its new school building. The school has a Multi-Purpose Hall intended for cultural programs, indoor sports activities, and other institutional events. The hall is also proposed to function as an auditorium for school functions.

At present, the hall is ventilated with large wall-mounted fans, which produce significant noise and degrade the audibility of announcements, speeches, and performances. Further, being a large double-height space, the hall experiences considerable echo and poor acoustics, making it unsuitable for conducting events requiring clear speech and sound reproduction. To address

these issues and improve the facility's functionality, it is proposed to install a VRV (Variable Refrigerant Volume) air-conditioning system, acoustic wall paneling, and wooden flooring in the dais area of the Multi-Purpose Hall. Based on the Institute's request, CPWD has prepared a preliminary estimate for the proposed work amounting to ₹1,59,71,000/-.

Estimated cost – ₹1,59,71,000/-

Source of the fund – Savings available under the Construction of Kendriya Vidyalaya Project with CPWD.

[Annexure – A8, Page No. 73 – 82]

BWC approved this proposal as a new project.

D) APPROVAL OF BOQ AND ESTIMATE FOR TENDERING NEW PROJECT [PART 'B']: NIL

E) APPROVAL OF TENDER FOR AWARD OF WORK [PART 'C']: NIL

F) DEVIATION, EXTRA ITEMS FOR VARIOUS WORKS & POINTS FOR INFORMATION OF BWC [PART-'D']:

BWC: 57(2026)-10: Post-facto Approval for Removal of Trees and Payment of Compensatory Plantation Charges for the Civil Engineering Department Building Project

The Institute has received permission from the Office of the Divisional Forest Officer (DFO)-cum-Wildlife Warden, Rourkela Forest Division, Government of Odisha, to remove forest growth from the construction site of the Civil Engineering Department Building project.

The proposed construction site comprised 1,872 trees that had to be removed to facilitate the commencement of the Civil Engineering Department Building project. Accordingly, the trees were felled after obtaining the permission of the Office of the DFO-cum-Wildlife Warden, Rourkela Forest Division, Government of Odisha.

As a condition of the permission granted and in accordance with the directions of the DFO, a sum of ₹1,90,08,850/- was required to be deposited towards compensatory plantation charges for 1,872 trees.

To avoid delays in obtaining the requisite forest clearance and facilitate the timely execution of the project, the Institute deposited the required amount with the concerned authorities.

The matter is placed before the BWC for its kind consideration and post-facto approval of (i) the removal of 1,872 trees from the project site, and (ii) the payment of ₹1,90,08,850/- towards compensatory plantation charges.

Estimated cost – ₹1,90,08,850/-

Source of the fund – Institutes Corpus

[Annexure – A9, Page No. 83 – 84]

BWC approved this proposal.



BWC: 57(2026)-11: Cost Deviation in the Construction of Connecting Corridor between Lecture Hall Complex-I and Lecture Hall Complex-II

BWC, vide Agenda Item No. BWC: 46(2023)-04, approved the project for the Construction of Connecting Corridor between Lecture Hall Complex-I and Lecture Hall Complex-II at an estimated cost of ₹9.63 crore.

The project was subsequently entrusted to CPWD for execution. CPWD invited tenders for the work and awarded the contract at a tendered cost of ₹5.76 crore.

During project execution, it was observed that the soil conditions at the site were significantly weaker than anticipated and were not adequately reflected in the original design assumptions. Accordingly, substantial modifications to the foundation system and the geometric configuration of the connecting corridor were necessary to ensure the facility's structural stability, safety, and long-term serviceability. These changes also resulted in a significant increase in the scope of work as compared to that envisaged in the original estimate.

The project has since been completed. Based on the revised scope and actual site requirements, the final project cost has been assessed at ₹10.56 crore, representing an increase of approximately 9.62% over the originally approved project cost of ₹9.63 crore.

CPWD has submitted a detailed technical and financial justification for the cost deviation. The same has been examined by the Institute and found to be satisfactory.

The matter is placed before the BWC for its kind consideration and approval of the revised project cost of ₹10.56 crore and the associated cost deviation.

Originally Approved Project Cost – ₹9.63 crore

Final Project Cost – ₹10.56 crore

Cost Deviation – 9.62%

Source of the fund – OH-35

[Annexure – A10, Page No. 85 – 94]

BWC took note of the relevant provisions of Rule 141 of the General Financial Rules (GFR), 2017 and Clause 3.1.4 of the CPWD Works Manual, 2024, regarding acceptance of cost variations within 10% of the approved estimate. Considering that the proposed cost deviation of 9.62% falls within the permissible limit, BWC recommended this proposal to FC for approval.

BWC: 57(2026)-12: Corrigendum to Agenda Item BWC: 55(2025)-08 – Construction of a New Institute Guest House

BWC, vide Agenda Item No. BWC: 55(2025)-08, approved the proposal for the Construction of a New Institute Guest House.

In the agenda note placed before the BWC, it was stated that the Institute presently has two guest houses, one with 30 twin rooms and another with 20 twin rooms, and that both facilities were constructed over 50 years ago.

Following project approval, additional historical records regarding the existing guest house facilities have been traced and examined. Based on the available

records, the South Block Guest House was originally constructed in the 1960s. However, an additional wing was added during 2007–08. Reference to the approval of this extension is available in the minutes of BWC Agenda Item No. BWC: 03(2005)-10. Further, the North Block Guest House was constructed during the early 1990s. While documentary records relating to its original construction could not be located in the Institute archives, the information has been corroborated through discussions with senior faculty members and staff associated with the Institute during that period.

Accordingly, the statement that both guest houses were constructed over 50 years ago may be read in light of the above factual position.

It is submitted that the above clarification does not alter the rationale, necessity, or approval accorded by the BWC for the construction of a New Institute Guest House, as the requirement for a modern guest house facility remains unchanged.

It is further submitted that, although the project for the Construction of a New Institute Guest House was approved by the BWC vide Agenda Item No. BWC: 55(2025)-08, the project is presently on hold pending finalization of a suitable site within the campus.

Estimated cost – NA

Source of the fund – NA

BWC noted the corrigendum and the updated factual position regarding the existing guest house facilities. BWC observed that the clarification does not alter the approval already accorded vide Agenda Item No. BWC: 55(2025)-08 for the Construction of a New Institute Guest House. The corrigendum was taken on record.

G) ANY OTHER ITEM WITH THE PERMISSION OF THE CHAIR:

BWC: 57(2026)-13: Renovation and Upgradation of Students' Rooms in Various Hostels at NIT Rourkela.

The Institute has several older hostels, namely M. Visvesvaraya Hall, G.D. Birla Hall, C.V. Raman Hall, D.B.A. Hall, M.S. Swaminathan Hall, Homi Bhabha Hall, and K.M. Shah Hall, which together accommodate a substantial proportion of the student population. These hostel buildings are structurally sound and continue to provide safe accommodation. However, many of the rooms have become outdated due to aging flooring, worn finishes, inadequate storage, and deterioration of doors, windows, and other fixtures.

In recent years, students have shown a marked preference for accommodation in the newer hostels, primarily because of their improved room finishes and amenities. Consequently, allocating rooms in the older hostels has become increasingly challenging, leading to dissatisfaction among students allocated accommodation there. Maintaining a reasonably comparable standard of residential facilities across all hostels is essential for ensuring equitable living conditions, improving student satisfaction, and enhancing the overall residential experience on campus.

D. Singh

Accordingly, the Institute proposes to undertake a phased program to renovate and upgrade rooms in the older hostels. In the first phase, 80 rooms across the hostels listed above are proposed for renovation. The scope of work includes replacing the existing flooring with vitrified tiles, providing book cabinets/study storage units, plastering and repainting walls, replacing damaged doors, windows, and locks, and other associated repair and improvement works.

Given that the proposed renovation works span multiple hostels and must be completed within a stipulated timeframe to minimize inconvenience to students, it is proposed to invite open tenders for the work. To facilitate parallel execution and timely completion, it is proposed to award the work to more than one technically qualified bidder, subject to their matching the rates, terms and conditions quoted by the lowest (L1) bidder.

Estimated cost – ₹1,89,32,811/-

Source of the fund – OH 31

[Annexure – A11, Page No. 95 – 110]

BWC approved this proposal.


04/08/2026

**[Prof. Rohan Dhiman]
Registrar & Member Secretary
Building & Works Committee
NIT Rourkela**


4/8/22

**[Prof. K. Umamaheshwar Rao]
Director and Chairman
Building & Works Committee
NIT Rourkela**

