



National Institute of Technology Rourkela

MINUTES

56th Meeting of Building & Works Committee

DATE : 27th March, 2026 (Friday)
TIME : 03:00 P.M.
VENUE : Board Room, NIT, Rourkela



राष्ट्रीय प्रौद्योगिकी संस्थान, राउरकेला
National Institute of Technology, Rourkela

56th Building & Works Committee, National Institute of Technology, Rourkela, held on
27.03.2026 (Friday) at 03:00 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.429 A, C-Wing,
Technical Section - III (NITs Desk),
Department of Higher Education,
Ministry of Education (Shiksha Mantralaya),
Government of India,
Shastri Bhawan, New Delhi – 110001
3. **Ms. R. Mythili** [Through online mode]
Director (Budget),
Ministry of Education, Room No. 220-C,
Shastri Bhawan, New Delhi – 110001
4. **Prof. Subrata Kumar Panda** [Through online mode]
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. R. N. Behera, CE**
Associate Dean PD (Civil), NIT Rourkela
8. **Prof. Gopalakrishna Srungavarapu, EE**
Associate Dean PD (MEP), NIT, Rourkela
9. **Mr. Bimalendu Mohanty**
HOD (EM), Superintending Engineer, NIT Rourkela
10. **Mr. Joydip Mondal**
Senior Executive Engineer, Estate, NIT Rourkela

11. **Mr. S. Subhadarshi**
Senior Executive Engineer (Civil), Estate, NIT Rourkela
12. **Mr. H. Satapathy**
Executive Engineer (Civil), Estate, NIT Rourkela
13. **Mr. Satyendra Das**
Technical Assistant [SG-II], 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. S. Anbarasu, ME**
PIC (HVAC), NIT Rourkela
18. **Mr. Rajesh Kumar Sahoo**
Executive Engineer (E), Estate, NIT Rourkela



राष्ट्रीय प्रौद्योगिकी संस्थान राउरकेला
National Institute of Technology Rourkela

Minutes of the 56th Meeting of Building & Works Committee, National Institute of Technology Rourkela, held on 27.03.2026 (Friday) at 3:00 PM in the Board Room of the Institute.

A) GENERAL AND PROCEDURAL MATTERS

BWC: 56(2026)-01: Welcome to the members by the Chairman of the BWC.

The Chairman welcomed all the members to the Meeting. The leave of absence was granted to the members absent.

BWC: 56(2026)-02: Confirmation of the minutes of the 55th meeting of the BWC held on 17.11.2025.

The minutes of the 55th meeting were sent to the members, and no comments were received.

[Annexure-A1, Page No. 9 – 18]

BWC confirmed the minutes.

BWC: 56(2026)-03: To report on the action taken on the decisions made in the 55th meeting of the BWC held on 17.11.2025 and to discuss matters arising out of the minutes.

The report on the actions taken on the decisions made at the 55th meeting of the BWC, held on 16.06.2025, is presented for the BWC's consideration.

[Annexure-A2, Page No. 19 – 20]

The BWC noted the above.

B) REVIEW OF ONGOING PROJECTS

BWC: 56(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. 21 – 22]

The BWC noted the above.

BWC: 56(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. 23]

The BWC noted the above.

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

BWC: 56(2026)-06: Construction of an Integrated Public Service Centre for Banking and Postal Facilities at NIT Rourkela.

The Institute has recently received requests from key government and financial institutions to enhance essential public service infrastructure within the campus. The Department of Posts, Ministry of Communications, has sought a suitable facility to revamp the existing Rourkela Sub Post Office under its Next-GEN initiative to modernize postal services. In parallel, Canara Bank has requested space to establish a Digital Banking Unit (DBU) to provide advanced, technology-driven banking services to the campus community.

At present, the campus is served by a single branch of the State Bank of India and a small sub-post office, both functioning from repurposed staff quarters located within the residential zone. These facilities were established several years ago and were adequate at the time. However, with substantial growth in the number of students, faculty, staff, and visitors over the years, the existing arrangements have become constrained by space, accessibility, and service capacity.

The Institute now faces an increasing demand for modern, efficient, and adequately scaled banking and postal services. The requests received from the Department of Posts and Canara Bank are therefore well aligned with the Institute's current and future requirements. Establishing upgraded facilities in a planned, integrated manner will not only improve service delivery but also enhance convenience, accessibility, and the overall campus infrastructure.

In view of the above, it is proposed to construct an Integrated Public Service Centre for Banking and Postal Facilities within the campus. At the Institute's request, CPWD has prepared a preliminary estimate of ₹1,96,20,000/-.

The proposal for the construction of an Integrated Public Service Centre for Banking and Postal Facilities at NIT Rourkela, at an estimated cost of ₹1,96,20,000/-, is placed before the BWC for its kind consideration and approval.

Estimated cost – ₹1,96,20,000/-

Source of the fund – OH 35

[Annexure – A5, Page No. 24 – 33]

The BWC considered and approved the proposal subject to the availability of funds.

BWC: 56(2026)-07: Construction of Campus Security and Surveillance Centre at NIT Rourkela.

With an expansive campus spread over approximately 650 acres, NIT Rourkela is among the largest academic campuses in the country. In recent years, significant portions of previously unutilized land have been systematically developed for new academic departments, student hostels, staff residences, Kendriya Vidyalaya, sports infrastructure, and other essential facilities. Upon completion of the ongoing projects, the campus will be almost fully utilized, leading to a substantial increase in population density, traffic, and overall activity.

Ensuring the safety and security of such a large and dynamically expanding campus is a critical institutional priority. At present, the Institute deploys approximately 175 security personnel operating in three shifts and maintains a surveillance network of over 150 CCTV cameras across the campus. With the expansion and commissioning of new facilities, both the security manpower and the number of surveillance cameras are expected to increase significantly to meet the growing operational requirements.

Despite the scale and importance of these operations, the existing Security and Surveillance Unit operates from scattered rooms within academic buildings that are not designed to support integrated monitoring, coordination, or rapid response.

In view of the above, there is a pressing need to establish a dedicated Campus Security and Surveillance Centre with appropriate infrastructure. At the Institute's request, CPWD has prepared a preliminary estimate of ₹1,97,90,000/-.

The proposal for the construction of a Campus Security and Surveillance Centre at NIT Rourkela, at an estimated cost of ₹1,97,90,000/-, is placed before the BWC for its kind consideration and approval.

Estimated cost – ₹1,97,90,000/-

Source of the fund – OH 35

[Annexure – A6, Page No. 34 – 45]

The BWC considered and approved the proposal subject to the availability of funds.

BWC: 56(2026)-08: Lake Rejuvenation and Rainwater Harvesting for Sustainable Water Management at NIT Rourkela.

With ongoing infrastructure expansion on the NIT Rourkela campus, the extent of impervious surfaces has increased significantly, resulting in greater storm water runoff. The campus pond, which serves as a major storm water receiving body and an important ecological asset, is currently subject to direct inflows of untreated runoff, leading to sediment deposition, water quality deterioration, and embankment instability. In addition, the absence of adequate rainwater harvesting and groundwater recharge systems results in the loss of valuable water resources.

In view of the above, it is proposed to undertake a project on Rainwater Harvesting and Lake Rejuvenation for Sustainable Water Management within the campus. The project aims to introduce a sustainable storm water management system through filtration, groundwater recharge, embankment stabilization, and improved drainage, thereby enhancing the overall resilience and environmental sustainability of the campus water ecosystem. At the Institute's request, CPWD has prepared a preliminary estimate of ₹1,98,18,000/-.

The proposal for Rainwater Harvesting and Lake Rejuvenation for Sustainable Water Management at NIT Rourkela, at an estimated cost of ₹1,98,18,000/-, is placed before the BWC for its kind consideration and approval.

Estimated cost – ₹1,98,18,000/-

Source of the fund – OH 35

[Annexure – A7, Page No. 46 – 59]

The BWC considered and approved the proposal subject to the availability of funds.

BWC: 56(2026)-09: Construction of a Shopping Complex to Support Residential Community Amenities at NIT Rourkela.

NIT Rourkela has a large residential campus accommodating approximately 450 faculty members, 350 non-teaching staff, and nearly 8,500 students, of whom about 8,200 reside in hostels and around 300 married students stay in family accommodation within the campus. Over the years, the Institute's residential population has increased significantly with the expansion of faculty and staff quarters and student hostels.

However, the availability of essential commercial facilities on campus is currently limited, causing inconvenience for residents in accessing daily necessities and basic services. At present, many residents are required to travel considerable distances off campus to meet their daily needs.

In view of the above, it is proposed to construct a Shopping Complex to Support Residential Community Amenities within the campus. The proposed facility will provide convenient access to essential goods and services, enhance the quality of life of campus residents, and support the overall development of residential infrastructure within the Institute. On the request of the Institute, CPWD has prepared a preliminary estimate for the project amounting to ₹1,93,10,000/-

The proposal for the construction of a Shopping Complex to Support Residential Community Amenities at NIT Rourkela is placed before the BWC for its kind consideration and approval.

Estimated cost – ₹1,93,10,000/-

Source of the fund – OH 35

[Annexure – A8, Page No. 60 – 69]

The BWC considered and approved the proposal subject to the availability of funds.

BWC: 56(2026)-10: Exterior Refurbishment and Texture Coating of the TIIR Building at NIT Rourkela

The Technology Innovation and Industry Relations (TIIR) Building is a key facility of the Institute that serves as an interface between the Institute and industry, hosting various collaborative, innovation, and outreach activities. As a prominent building on campus, its physical condition and appearance contribute significantly to the institutional image.

The exterior painting of the TIIR Building was last carried out during its construction/occupation approximately 10–12 years ago. Due to prolonged exposure to weathering, the building façade has developed discoloration, surface deterioration, and an overall aged appearance, necessitating refurbishment.

In view of the above, it is proposed to undertake exterior refurbishment and apply a texture coating to the TIIR Building to improve durability, weather resistance, and aesthetic appeal. On the request of the Institute, CPWD has prepared an estimate amounting to ₹96, 42,000/- for the proposed work.

The proposal for exterior refurbishment and texture coating of the TIIR Building at NIT Rourkela is placed before the Building & Works Committee (BWC) for its kind consideration and approval.

Estimated cost – ₹96, 42,000/-

Source of the fund – OH 31

[Annexure – A9, Page No. 70 – 93]

The BWC considered and approved the proposal subject to the availability of funds.

BWC: 56(2026)-11: Annual Civil Maintenance Work for Academic Area, Student Hostels, and Staff Residential Area

The day-to-day civil maintenance work on academic buildings, student hostels, and staff residential areas is carried out in response to complaints and routine requirements to ensure proper upkeep of the campus infrastructure. These works are essential for maintaining functional efficiency, safety, and acceptable living and working conditions across the Institute.

Considering the continuous nature of such maintenance activities and the widespread distribution of buildings across the campus, it is proposed to undertake the Annual Civil Maintenance Work for the financial year 2026–27. To ensure timely and efficient execution, it is proposed to invite open tenders through the e-portal. Further, in line with prevailing government norms, the work may be divided among multiple agencies to facilitate simultaneous execution at different locations. The estimated expenditure for the year is conservatively projected at ₹5.00 Crores (excluding GST).

The proposal for Annual Civil Maintenance Work for Academic Area, Student Hostels, and Staff Residential Area for FY 2026–27 is placed before the BWC for its kind consideration and recommendation.

Estimated cost – ₹5.00 Crores (excluding GST)
Source of the fund – OH 31

The BWC considered the proposal and recommended to the FC/BOG for approval.

BWC: 56(2026)-12: Provision of Hydro Insulation on Rooftops of Academic Buildings and Hostels at NIT Rourkela

It has been observed that there is significant water seepage from the rooftops of several academic buildings and hostels on campus. In this regard, the Estate Maintenance Office has received multiple complaints from concerned users. In certain cases, the extent of seepage has led to corrosion of reinforcement in the roof slabs, thereby posing a potential risk to the structural durability and safety of the buildings.

To address this issue and prevent further deterioration, it is proposed to undertake hydro-insulation work on the rooftops by applying an APP (Atactic Polypropylene) membrane, a proven solution for waterproofing and long-term protection against water ingress.

Detailed BOQ and estimate for the above work have been prepared, amounting to ₹1,89,73,568/-. It is proposed to invite open tenders through the e-procurement portal for the execution of the work.

The proposal to provide hydro insulation on the rooftops of academic buildings and hostels at NIT Rourkela, at an estimated cost of ₹1.89 Crores, is placed before the BWC for its kind consideration and approval.

Estimated cost – ₹1,89,73,568/-
Source of the fund – OH 31

[Annexure – A10, Page No. 94 – 96]

The BWC considered and approved the proposal subject to the availability of funds.

BWC: 56(2026)-13: Acoustic Wall Paneling and False Ceiling in 11 Classrooms of Lecture Hall Complex-I at NIT Rourkela

Lecture Hall Complex-I of the Institute was constructed approximately 15 years ago without incorporating adequate acoustic design considerations. Several classrooms in this complex accommodate large student strengths ranging from 125 to 300. Additionally, curved wall geometries in some classrooms result in focused sound reflections and echoes, adversely affecting the overall teaching-learning environment. As a result, students and faculty experience difficulty communicating effectively during lectures.

To improve acoustic quality and create a conducive learning environment, it is proposed to undertake acoustic wall paneling and the installation of false ceilings in 11 identified classrooms of Lecture Hall Complex-I.

It is pertinent to mention that the BWC, vide BWC: 50(2024)-07, had earlier approved an amount of ₹1.07 Crores under OH-35 based on preliminary

estimates prepared at the Institute level. Subsequently, during the planning stage and based on inputs from specialized agencies, it was observed that the scope of work for acoustic treatment, materials, and installation requirements necessitated a more detailed assessment.

Accordingly, CPWD has now prepared a comprehensive estimate for the work, which amounts to ₹5.37 Crores, reflecting current specifications, design requirements, and prevailing market rates for specialized acoustic treatment.

The revised proposal for acoustic wall paneling and false ceiling in 11 classrooms of Lecture Hall Complex-I at NIT Rourkela, at an estimated cost of ₹5.37 Crores, is placed before the BWC for its kind consideration and recommendation.

Estimated cost – ₹5.37 Crores

Source of the fund – OH 35

[Annexure – A11, Page No. 97 – 107]

The BWC considered the proposal and recommended to the FC/BOG for approval.

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: 56(2026)-14: Reimbursement to CPWD towards Differential GST for Construction of Sports and Common Facilities and 1000-Seated OAT at NIT Rourkela

The construction of Sports and Common Facilities and a 1000-seated open-air theatre (OAT) was entrusted to CPWD in 2020. The original project estimate of ₹30.99 Crores was prepared based on the applicable GST rate of 12% at that time.

Subsequently, as per Office Memorandum No. 158/SE(TAS)/GST/2022/331 dated 10.08.2022, the GST rate was revised from 12% to 18%, necessitating an adjustment for the change in GST rate for ongoing works.

In this connection, the Executive Engineer, CPWD, Rourkela, vide letter dated 18th March 2026, has requested the Institute to deposit an amount of ₹1,85,06,764/- towards the differential GST arising due to the said revision.

In view of the above, it is proposed to reimburse ₹1,85,06,764/- to CPWD towards the differential GST amount for the above-mentioned project.

Estimated cost – ₹1,85,06,764/-

Source of the fund – Institute's Corpus

[Annexure – A12, Page No. 108 – 110]

The BWC considered the proposal and recommended to the FC/BOG for approval.

BWC: 56(2026)-15: Construction of Electrical Substation Building for Upcoming Infrastructure in South-East Campus at NIT Rourkela.

A significant portion of the previously underutilized area on the south-east side of the NIT Rourkela campus is currently under development for major infrastructure projects, including new student hostels, sports facilities, and other essential services. This area lacked adequate electrical infrastructure earlier, and with ongoing development, demand for a reliable power supply has increased substantially.

The upcoming projects in this zone include a 1000-bed Boys' Hostel, a 2000-bed Girls' Hostel, and a 1.5 MLD Sewage Treatment Plant, all currently under execution under an EPC contract. However, the provision of an Electrical Substation Building, which is critical for power distribution and operation of these facilities, was not included in the original scope of the EPC work.

To ensure proper commissioning and operation of the above facilities, it is essential to construct a dedicated Electrical Substation Building. Accordingly, CPWD has prepared an estimate for the construction of the ESS Building amounting to ₹1,08,34,000/-, based on drawings received from the Office of the Chief Architect, Kolkata.

CPWD has proposed taking up this work at this stage by inviting a separate tender. It is also proposed that the cost of this work may be met from the available savings within the ongoing EPC project, with no additional financial implications.

The proposal for the construction of an Electrical Substation Building at NIT Rourkela, at an estimated cost of ₹1,08,34,000/-, to be funded from the savings of the ongoing EPC project, is placed before the BWC for its kind consideration and approval.

Estimated cost – N/A

Source of the fund – N/A

[Annexure – A13, Page No. 111 – 126]

The BWC considered the proposal and recommended to the FC/BOG for approval.



27/03/2026

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



27/3/26

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