



सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत
SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT
सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्था, सुरत
शिक्षा मंत्रालय, भारत सरकार द्वारा NITSER अधिनियम के तहत स्थापित राष्ट्रीय महत्व का संस्थान
(An Institute of National Importance, Established under NITSER Act by Ministry of Education, Govt. of India)

SVNIT

C/BWC (85)/1130

Date: 28.08.2025

To,
All the Members
Building & Works Committee
SVNIT, Surat

**SUB: Minutes of the 85th meeting of the Building & Works Committee held
on 26.08.2025**

Sir/Madam,

Please find enclosed the Minutes of the 85th meeting of the Building & Works Committee for Sardar Vallabhbhai National Institute of Technology, Surat held on 26.08.2025 in the Conference Room, SVPB Guest House for your kind information and records.

The comments, if any, may please be sent at the earliest.

Encl.: As above

Handwritten signature of K. K. Singh
28/08/25

(K. K. SINGH)
I/C REGISTRAR &
MEMBER-SECRETARY



SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT

Minutes of 85th meeting of the Building & Works Committee (B&WC) of the Sardar Vallabhbhai National Institute of Technology, Surat held on 26th August, 2025, at 3:30 p.m. onwards in the Conference Room, SVPB Guest House, Sardar Vallabhbhai National Institute of Technology, Surat. The following members were present:

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| 1. Prof. Anupam Shukla
Director, SVNIT, Surat | : Chairman |
| 2. Shri N. S. Bisht, Dy. Secretary, IFD,
Ministry of Education, New Delhi | : Member
(Through Online) |
| 3. Mrs. Veena Dunga, Deputy Secretary,
Ministry of Education, New Delhi | : Member
(Through Online) |
| 4. Shri A. K Jain, Retd. Sp.DG, CPWD, New Delhi | : Member
(Through Online) |
| 5. Dr. Ravi Kant, Dean (P&D), SVNIT, Surat | : Member |
| 6. Shri Kamlabh K. Singh, I/c Registrar, SVNIT, Surat | : Member Secretary |
| 7. Dr. G. R. Vesmawala, Associate Dean (P&D),
SVNIT, Surat | : Special Invitee |
| 8. Dr. S. R. Arya, Associate Dean (P&D), SVNIT,
Surat | : Special Invitee |
| 9. Dr. Namrata Jariwala, Associate Dean (P&D),
SVNIT, Surat | : Special Invitee |
| 10. Dr. Deepam Patel, Sr. E.E., SVNIT, Surat | : Special Invitee |
| 11. Shri Mudit Bhatnagar, CWM (Engg), NBCC | : Special Invitee
(Through Online) |
| 12. Shri Jayant Shekokar, SE, CPWD | : Special Invitee |
| 13. Shri Yashdeep Sachdeva, EE, CPWD | : Special Invitee |
| 14. Shri Ajit Palsania, EE, CPWD | : Special Invitee |

Professor R K Tripathi, Dept. of Civil Engg., NIT Raipur was not available during the meeting due to his preoccupied commitments. At the outset, the Chairman welcomed all the Members present in the BWC Meeting and conveyed them thanks for sparing their time for the meeting. Thereafter, following agenda items were taken up for discussion:

Item 85.01: To confirm the minutes of the 84th Building & Works Committee Meeting held on 07.07.2025.

Reso.85.01: "Resolved to confirm the minutes of the 84th meeting of Building & Works Committee held on 07.07.2025".

Item 85.02: To note the action taken on the resolutions passed at the 84th Building & Works Committee Meeting held on 07.07.2025.

Reso.85.02: "Resolved to note the action taken on the resolutions passed in the 84th meeting of Building & Works Committee 07.07.2025.

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Item 85.03: To consider and note on-going repair works being carried out by NBCC for various buildings constructed by NBCC during 2008-2016.

Reso.85.03: In 84th B&WC meeting It was resolved that the repair works for Department of Mathematics, Physics and Chemistry are to be completed as per the completion target dates committed by the NBCC representative during the meeting i.e. Department of Mathematics by 31/07/2025, Department of Physics by 31/08/2025 and Department of Chemistry by 15/10/2025 positively.

A joint site visits by NBCC, Estate officials and HoDs of the concerned department was conducted on 22.08.2025 to assess the status of ongoing repair works of Buildings of Mathematics, Physics and Chemistry. It was explained before the Committee that in the Mathematics Department's Building, one side staircase, half toilet block and other allied works (finishing, tiles etc) are incomplete. However, in the Department of Physics and Chemistry, approximately 50% and 20% of the repair works have been completed. The work progress of the Department of Chemistry is quite slow. Considering the present pace of the work progress, it is felt that NBCC has engaged with comparatively less manpower and it is essential that NBCC should deploy additional resources in terms of manpower to complete the work within the scheduled time. It has also been observed that in past, NBCC has committed timelines for completion of the work but has failed multiple times.

It was also discussed that various other buildings constructed by NBCC viz, New Department of Computer Engineering Building, New Department of Electronics Building are showing signs of structural distress. The Committee noted seriously about the structural distress generated after almost 10 years of completion of the said works and felt that it's a serious issue as it concerns the life and safety of the users of the building. The Committee instructed the Estate to present consolidated report of all buildings constructed by NBCC and communicate to the Ministry for further perusal with NBCC.

For New CRC building, NBCC has informed that re-tender for the repair works has been floated on. As per resolutions of 81st & 82nd meetings of B&WC. A draft agreement was presented to be signed between NBCC and SVNIT before commencement of the repair works of New CRC Building. After detailed deliberations, it was:

"Resolved that NBCC shall submit a revised timeline for the completion of the pending works at SVNIT Surat for the Department of Mathematics, Department of Physics, and Department of Chemistry within two weeks to the Institute. Furthermore, NBCC shall mobilize adequate resources to ensure the completion of all pending works without any further delay."

"Resolved that the Memorandum of Understanding (MoU) between NBCC and SVNIT Surat for the repair and rehabilitation works of the

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New CRC building shall be signed. Further resolved that NBCC shall prepare and submit to SVNIT a detailed project commencement and completion schedule, clearly indicating all activities necessary to meet the stipulated completion date, prior to the commencement of the repair and rehabilitation work."

Further, resolved that NBCC shall submit an undertaking affirming that the safety, durability, and service life of the rehabilitated building shall not be compromised in any manner. The defect liability period shall be considered as five years from the date of handover of the completed work to SVNIT. NBCC shall be responsible for ensuring the serviceable life of the building in accordance with CPWD norms."

"Further, NBCC shall appoint the senior officials/consultants to carry out the assessment and corrections required for the structural distress of the entire projects completed by the NBCC during the 2008 to 2016 at their own cost."

"Further, resolved that the Institute has to prepare a consolidated status report of all the buildings constructed by NBCC during the period 2008 to 2016 and communicate the same to the Ministry."

[Action: Dean (P&D)/ NBCC]

Item: 85.04: To note the status of ongoing works (maintenance & new construction) by CPWD.

Reso.85.04: The Executive Engineer, CPWD made presentation on the status of various ongoing construction works taken up by the CPWD at the SVNIT campus. CPWD was requested for timely completion of all the works undertaken. After deliberations, it was:

"Resolved to note the status of ongoing works being executed by CPWD. The CPWD authorities shall ensure that all assigned projects are completed within the agreed time frame, without any cost or time overruns. The repair works of the various ongoing projects shall be completed in all respects and handed over as per the stipulated timelines."

[Action: Dean (P&D)/ Sr. EE/ SE (CPWD)]

Item 85.05: To consider and recommend to the Finance Committee and Board of Governors to approve the Preliminary-cum-detailed estimate submitted by the CPWD for the work of "Repairing and Re-carpeting of Existing Campus Road (Phase-III) in SVNIT, Surat" for the probable cost of Rs. 13,16,27,300.00/ including 3% contingencies and 11.03% (EPF& ESI Charges)

Reso 85.05: Several sections of the Institute campus road network, particularly those identified under Phase-III of the repair and re-carpeting plan, have severely

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deteriorated and are in urgent need of immediate attention. These road segments are extensively used by both Residents and Students on a daily basis, posing safety concerns and causing significant inconvenience. Timely repairs and resurfacing are essential to ensure safe and smooth commuting within the campus and to prevent further degradation of the infrastructure.

The total estimated cost amounts to Rs. 13,16,27,300.00 (Rupees Thirteen Crore Sixteen Lakh Twenty-Seven Thousand Three Hundred Only), which includes 3% contingencies and 11.03% for EPF and ESI charges. After detailed deliberations, it was:

“Resolved to recommend to the Finance Committee and Board of Governors to approve the proposal for “Repairing and Recarpeting of Existing Campus Road (Phase-III) in SVNIT, Surat” at an estimated cost of Rs. 13,16,27,300 (Rupees Thirteen Crore Sixteen Lakh Twenty-Seven Thousand Three Hundred only), inclusive of 3% contingencies and 11.03% (EPF & ESI Charges). The work shall be executed through CPWD, and the expenditure will be charged under Budget Head (OH-35), subject to the availability of funds. It was also resolved that upon completion of the repair and recarpeting works, CPWD shall provide a defect liability assurance for a period of five (05) years.”

[Action: Dean (P&D)/ Sr. Executive Engineer]

Item: 85.06 To consider and recommend to the ‘Finance Committee’ and the Board of Governors to approve the Preliminary-cum-detailed estimate submitted by CPWD for the work of “Repairing and Renovation including Waterproofing and Internal Electrical Installations of IC engine lab and its extension (Automobile lab) building of Department of Mechanical Engineering at SVNIT Campus, Surat” for the probable cost of Rs. 2,42,58,400/- including 3% contingencies and 11.03% (EPF& ESI Charges).

Reso: 85.06 Lab In-charge, I.C. Engine lab, Department of Mechanical Engineering, has requested to solve the leakage problem from the terrace; side walls and toilet block of the lab. During a visit to the site, it was observed that rain water was seeping through the terrace and the side walls. It was also discussed that, the sunken portion of toilet is also damaged due to which waste water is infiltrate into the walls and slab. This has led to unhygienic conditions in the lab. In this regard, Estate section had prepared an estimate of Rs. 25,67,424/- (Rupees Twenty-Five Lakh sixty-seven Thousand Four Hundred Twenty-Four only) for the water proofing of the IC Engine lab and the same was approved in 82nd Building Works Committee meeting vide Resolution No. 82.12.

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Further, it was noted that the IC engine lab and its extension were constructed in 1969 and 2007 respectively having plinth area of 846 sqm and built-up area 1353.58 sqm . Considering the age of the building and its present conditions it was found that complete renovation of the building is required which includes replacement of asbestos sheets with GI sheets, repairing of plinth of the building, roof structure, waterproofing of toilet block and side walls, internal electrical installation etc.

In response to this, CPWD has submitted the preliminary cum detailed estimate of amounting Rs. 2,42,58,400/- (Rupees Two Crore Forty-Two Lakhs Fifty-Eight Thousand Four Hundred Only) for the work of "Special Repairing and Renovation including waterproofing and internal electrical installations of IC engine lab and its extension (Automobile lab) building of the Department of Mechanical Engineering at SVNIT Campus, Surat" vide letter no. 20(01)/SE&PD/SVNIT/SURAT/2025/148 dated: 26/07/2025. The budget head provision may be made under the "OH-35". After detailed deliberations, it was:

"Resolved to recommend to the Finance Committee and Board of Governors for approval of the proposal for Repairing and Renovation, including Waterproofing and Internal Electrical Installations of the IC Engine Lab and its extension (Automobile Lab) building of the Department of Mechanical Engineering at SVNIT Campus, Surat, with an estimated cost of Rs. 2,42,58,400 (Rupees Two Crore Forty-Two Lakhs Fifty-Eight Thousand Four Hundred only), inclusive of 3% contingencies and 11.03% (EPF & ESI Charges). The work shall be executed through CPWD, and the expenditure will be charged under Budget Head (OH-35), subject to the availability of funds. It was also resolved that upon completion of the repairing and renovation works, CPWD shall provide a defect liability assurance for a period of three (03) years."

[Action: Dean (P&D)/Sr.EE/SE (CPWD)]

Item: 85.07 To consider and approve the requirement of new fire extinguishers in the SVNIT Campus, Surat at the estimated cost of Rs. 40,87,713/- including GST.

Reso:85.07 According to the NBC 2016 guidelines and IS 2190:2010, which outline life and safety requirements against fire, a fire consultant approved by SMC was hired to assess the fire extinguisher needs across the SVNIT campus. The consultant found fire extinguisher are no longer serviceable. Considering the current conditions and requirements of the institute's buildings and the NBC 2016 guidelines for fire and life safety, it is essential to implement effective active fire protection measures.

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Therefore, it is proposed that each building be equipped with the optimal number of fire extinguishers and the requirements of the total number of type of fire extinguishers. Considering the detailed requirements for fire extinguishers across various Institute buildings, as assessed by the SMC-approved fire safety consultant, it was recommended to proceed with procurement at the estimated cost of Rs.40,87,713.00/- (Rupees Forty Lakh Eighty-Seven Thousand Seven Hundred Thirteen Only), inclusive of GST. After detailed deliberations, it was:

“Resolved to approve the proposal for the procurement and installation of fire extinguishers across various buildings in the Institute’s campus at an estimated cost of Rs. 40,87,713/- (Rupees Forty Lakh Eighty-Seven Thousand Seven Hundred Thirteen only), inclusive of GST, as per specifications and requirements assessed by the consultant and the Fire Safety Committee. The procurement shall be carried out through GeM/CPPP in accordance with GFR-2017, and the expenditure will be charged under Budget Head (OH-35), subject to the availability of funds.”

“Resolved that the Institute shall immediately initiate necessary action to obtain or renew Fire NOCs for all campus buildings in a phased manner. A time-bound schedule shall be prepared to complete the process of obtaining or renewing Fire NOCs for all buildings. The progress of this process shall be reviewed periodically and reported in the subsequent meeting.”

[Action: Dean (P&D) / Sr. EE/FIC(F&S)]

Item: 85.08 To consider and approve the proposal for additional Electrical and Mechanical Works at Nehru Bhavan and Narmad Bhavan in the SVNIT Campus, Surat.

Reso.85.08: The special repair, renovation, and up-gradation work of Nehru Bhavan and Narmad Bhavan Hostels in the SVNIT Campus is being undertaken by CPWD. The work is currently in progress and is expected to be completed in the ensuing months. Initially, the preliminary estimate submitted by CPWD for the said work amounted to Rs. 10,48,50,986.00, which was approved in the 50th FC & 73rd BOG meeting held on 22/05/2024. As the comprehensive repair and renovation work is being carried out for Nehru Bhavan and Narmad Bhavan hostel Buildings, it is suggested that complete new wiring along with new electrical installation works, which were not earlier considered as actual quantities in the preliminary estimate, be taken up along with the comprehensive repair works.

During execution, quantity deviations in certain scheduled items were required as per site conditions. In addition, certain extra items like fire protection works amounting Rs. 7,96,860.00 (approved earlier in 83rd

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B&WC meeting held on 05/05/2025) and UPVC trunking etc. essential for the smooth functioning of the hostel buildings were also executed. In this regard, CPWD vide letter no. 23(06)(03)/EE&SM (E&M)/SVNIT/2025-26/47H, dated 22/05/2025, has submitted the projected estimate for the ongoing E&M works, including details of deviations and extra items of Rs. 74,81,791.00 (Rupees Seventy-Four Lakh Eighty-One Thousand Seven Hundred and Ninety-One Only). The additional amount will be suitably adjusted within the A/A & E/S (Administrative approval and Expenditure Sanction) amount of Rs.10,48,50,986.00 approved in the 50th Finance Committee and 73rd BOG meeting held on May 22, 2025. After detailed deliberations, it was:

“Resolved to approve the proposal for additional Electrical and Mechanical Works at Nehru Bhavan and Narmad Bhavan in the SVNIT Campus, Surat within the sanctioned estimate approved in the 50th Finance Committee and 73rd BOG meeting held on May 22, 2025 for the work of special repair, renovation, and up-gradation of Nehru Bhavan and Narmad Bhavan Hostels in the SVNIT Campus.”

[Action: Dean (P&D) / Sr. EE / EE(Electrical)/ CPWD]

Item: 85.09.01: To consider and recommend to the Finance Committee and Board of Governors to approve the Preliminary estimate submitted by CPWD for the work of “Removing and Reconstructing Compound Wall with Fixing Concertina Coil Fencing Behind Gajjar Bhavan hostel (E-wing), Bhabha Bhavan hostel, E-Type Quarters (Shreenath Ji society), Near Umra Pumping station and Besides Swami Vivekananda Bhavan Hostel at SVNIT Campus, Surat” for the probable cost of Rs. 1,72,65,300.00/ including 3% contingencies and 11.03% (EPF & ESIC Charges).

Reso. 85.09.01: Institute Compound Wall has been damaged and tilted Behind Gajjar Bhavan hostel (E-wing), Bhabha Bhavan hostel, E-Type Quarters (shreenath Ji society), Near Umra Pumping station and Besides Swami Vivekananda Bhavan Hostel. Looking to the severity of damages, it is proposed to immediately remove the damaged and tilted compound wall and reconstruct the compound wall at the identified location.

According to the site conditions, structural design for the new wall has been considered as per CPWD norms, previously executed at another location at SVNIT Campus by CPWD and also taking the technical suggestion and guidance. The total length of new wall to be constructed in place of damaged wall is 280 metres. Accordingly, the institute had requested CPWD to prepare preliminary/detailed estimate for Removing and Reconstructing Compound Wall with Fixing Concertina Coil Fencing for damaged portion of wall in SVNIT, Surat vide letter no. Estate/281/2025-26, dated 05/8/2025.

In response to this letter CPWD has submitted the preliminary estimate of Rs.1,72,65,300/- (Rupees One Crore Seventy Two Lakh Sixty Five Thousand

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Three Hundred Only) (including 3% Contingences, 11.03% EPF and ESI charges) for the work of "Removing and Reconstructing Compound Wall with Fixing Concertina Coil Fencing Behind Gajjar Bhavan hostel (E-wing), Bhabha Bhavan hostel, E-Type Quarters (shreenath Ji society), Near Umra Pumping station and Besides Swami Vivekananda Bhavan Hostel at SVNIT Campus, Surat" vide their letter no. 20(01)/SE&PD/SVNIT/SURAT/2025/190-Hi, Dt.22/08/2025. During the discussion, it was discussed to keep the EPF& ESIC Charges as 3.94% and accordingly the total value will be revised. The head provision may be made under the "OH-35". After detailed deliberations, it was:

"Resolved to recommend to the Finance Committee and Board of Governors to approve the proposal of "Removing and Reconstructing Compound Wall with Fixing Concertina Coil Fencing Behind Gajjar Bhavan hostel (E-wing), Bhabha Bhavan hostel, E-Type Quarters (Shreenath Ji society), Near Umra Pumping station and Besides Swami Vivekananda Bhavan Hostel at SVNIT Campus, Surat" with an estimated cost of Rs. 1,61, 62, 800/- (Rupees One Crore Sixty-One Lakh Sixty-Two Thousand Eight Hundred Only) including GST after considering revised rate of EPF and ESIC. The work will be executed through the CPWD and the expenditure will be made under the Budget Head (OH-35) subject to availability of the fund. It was also resolved that upon completion of the work, CPWD shall provide a defect liability assurance for a period of five (05) years."

[Action: Dean (P&D) / Sr. EE/ EE]

Item: 85.09.02: To consider and recommend to the Finance Committee and Board of Governors to approve the Preliminary estimate submitted by CPWD for the work of "Construction of 15 Lakh Liters Capacity Underground Water tank (UGWT) including internal Electrical Installations work at SVNIT Campus, Surat" for the probable cost of Rs. 4,99,40,900/- including 3% contingencies and 3.94% (EPF & ESI Charges).

Reso. 85.09.02: SVNIT, Surat established in year 1961 as Regional Engineering College. Since its conversion to REC to NIT, the SVNIT Surat is on the growth trajectory. As on the date, total number of students in the institute are 6500 approximately and total staff quarters are 250. It is projected that, by 2027, total number of students will reach to about 8000 and similar increase is expected in the staff members. Total water requirement of SVNIT Surat is projected to be about 2 MLD in year 2040.

The SVNIT Surat receives water for domestic need from Surat Municipal Corporation. There are three underground storage tanks available to cater the need of water storage. The underground storage Tank-1 has the capacity 2.5 lakh litres and Tank-2 has the capacity 5 lakh litres constructed around 40 years ago. Institute constructed Tank-3 of the capacity 10 lakh litres in

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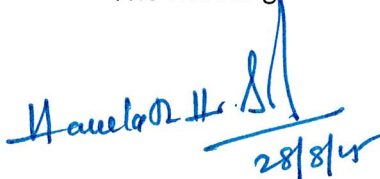
Year 2022. The Tank 1 and Tank 2 are very old and are in dilapidated condition. The tanks are not suitable for storage of domestic water due to structural damages and leakages. The storage of water in such tanks is not suitable hygiene view point. Hence, the Tank-1 and Tank-2 is required to be put out of service and demolished for safety purpose. To cater the need of the domestic water of the institute and to satisfy additional fire water requirement up to year 2040 including continuous (uninterrupted) water supply, there is an urgent need of construction of underground water storage tank of 15 lakh liter capacity.

CPWD has submitted the preliminary estimate of Rs. 4,99,40,900.00 - (Rupees Four Crore Ninety-Nine Lakh Forty Thousand Nine Hundred Only) (including 3% Contingences, 3.94% EPF and ESI charges) for the work of "Construction of 15 lakh litre Capacity Underground Water tank (UGWT) including internal Electrical Installations work at SVNIT Campus, Surat" vide their letter no. 20(01)/SVNIT/2023/Hindi/242, Dt.27/12/2023. The budget head provision may be made under the "OH-35". After detailed deliberations, it was:

"Resolved to recommend to the Finance Committee and Board of Governors to approve the proposal of "Construction of 15 Lakh Capacity Underground Water tank (UGWT) including internal Electrical Installations work at SVNIT Campus, Surat" with an estimated cost of Rs. 4,99,40,900.00/- (Rupees Four Crore Ninety-Nine Lakh Forty Thousand Nine Hundred Only) including 3% contingencies and 3.94% (EPF and ESIC Charges). The work will be executed through the CPWD and the expenditure will be made under the Budget Head (OH-35) subject to availability of the fund. It was also resolved that upon completion of the work, CPWD shall provide a defect liability assurance for a period of five (05) years."

[Action: Dean (P&D) / Sr. EE/ EE]


The meeting ended with vote for thanks to the Chair.


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(K. K. SINGH)
Registrar I/C
Member Secretary

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CONFIRMED

(Prof. Anupam Shukla)
Chairman
Building & Works Committee


अध्यक्ष/CHAIRMAN
भवन एवं कार्य समिति
BUILDING AND WORKS COMMITTEE
स. व. र. (SVNIT) सुरत
SVNIT, SURAT