



MINUTES OF THE 22nd MEETING OF THE BUILDING & WORKS COMMITTEE
OF NATIONAL INSTITUTE OF TECHNOLOGY, WARANGAL
HELD ON 14.08.2013 AT 11.00 AM AT THE GOLKONDA (HOTEL)
MASAB TANK, HYDERABAD

MEMBERS PRESENT

1. Prof. T. Srinivasa Rao
Director,
N.I.T., Warangal – 506 021. Chairman
2. Dr. Janakiram Nanduri
Industrialist
76, Surya Enclave, Thirmulgherry
Hyderabad Member
3. Prof. N.V. Uma Mahesh
Dean (P&D),
N.I.T., Warangal – 4. Member
4. Sri T.M. Gamith
Superintending Engineer (Civil)
Vijayawada Central Circle
Central Public Works Dept.,
Vijayawada. Member
5. Sri M.V.Chalapathi Rao
Superintending Engineer (Electrical),
HCEC
Central Public Works Dept.,
Nirman Bhawan, Sultan Bazar,
Hyderabad - 500 095. Member
6. Sri Navin Soi,
Director (F)
Integrated Finance Division,(IFD),
Dept. of Higher Edn.,MHRD., Gol, New Delhi Special Invitee
7. Smt. D. Asha Rani,
Dy. Chief Engineer,
O/o Engineer-in-Chief (R&B),
Errummanzil,
Hyderabad – 500 082. Special Invitee.
8. Sri P.Harshavardhan Rao
Superintending Engineer , Electrical Circle,
O/o Engineer-in-Chief,
(R&B) Administration,
Errammanzil,
Hyderabad 500 082. Special Invitee.
9. Prof. ARC Reddy,
Registrar I/c
N.I.T., Warangal Member-Secretary

ARC Reddy



Sri Heera Lal, Associate Professor in the Department of Civil Engineering and Faculty In-Charge, Project Engineering Unit and Mr. Y. Chalapati Rao, Project Engineer (on Contract) were also present.

The following Member expressed inability to attend the meeting due to pre-occupied office work and hence requested the Chairman of the Committee for leave:

1	Sri Rajesh Singh,, Director (NITs),Dept. of Higher Education, Ministry of H.R.D.,Gol., New Delhi 110 115.	Member
---	---	--------

At the outset the Chairman introduced Dr. Janakiram Nanduri, who was nominated as Member on the Building and Works of Committee by the Board of Governors of NIT, Warangal, The Chairman also appreciated and placed on record the services rendered by the previous members of BWC, Dr. K. Mruthunjaya Reddy and Prof. N S Murthy.

Later the following items are discussed and accordingly the resolutions are passed:

22-1	<p style="text-align: center;"><u>Name of the Item</u></p> To confirm the minutes of the 21 st Meeting of the Building and Works Committee of National Institute of Technology, Warangal held on 06-01-2013 at The Golkonda (Hotel), Hyderabad. <p style="text-align: center;"><u>Resolution</u></p> <i>The Committee resolved to confirm the minutes of the 21st Meeting of the Building and Works Committee of National Institute of Technology, Warangal held on 06-01-2013 at The Golkonda (Hotel), Hyderabad.</i>
22-2	<p style="text-align: center;"><u>Name of the Item</u></p> To consider the action taken report on the decisions of the 21 st Meeting of Building and Works Committee of National Institute of Technology, Warangal held on 06-01-2013 at The Golkonda (Hotel), Hyderabad. <p style="text-align: center;"><u>Resolution</u></p> <i>The Committee resolved to consider the action taken report on the decisions of the 21st Meeting of Building and Works Committee of National Institute of Technology, Warangal held on 06-01-2013 at The Golkonda (Hotel), Hyderabad.</i>
22-3	<p style="text-align: center;"><u>Name of the Item</u></p> Review of the ongoing construction and other works in the campus: Construction of second floor over VLSI Building (Civil and Electrical works). <i>The work is in almost completion stage. The Committee was informed that the second floor on VLSI Building will be completed by 31.08.2013</i> Construction of second floor over Mechanical Engineering Department (P.G.Block) Building facing West (Civil and Electrical Works).

ARCRddy



	<p>The Committee members expressed concern over the delay in completion of this work CPWD has informed the Committee that the work will be completed by 31.10.2013.</p>
	<p>Construction of second floor over New Academic Building (NAB) and balance portion of first floor over Computer Centre Building (Civil and Electrical Works).</p> <p>The Committee was informed that the work will be completed by 30.09.2013.</p>
	<p>Renovation and re-carpeting of internal roads (Phase-I).</p> <p>The members of the Committee expressed concern over the slow progress of the work (8 months' delay) of re-carpeting of the internal roads in the campus and the poor quality of the work at some places. The CPWD has ensured the Committee that the work will be completed by 15.09.2013 and quality will be maintained as per specifications.</p>
	<p>Renovation of Hostel Blocks.</p> <p>Two of the three Hostel Blocks taken up for renovation are completed and the third Hostel Block will be completed by 31.08.2013.</p>
	<p>Renovation of Staff Quarters.</p> <p>Three of the four staff quarters are completed and the fourth quarter will be completed by 31.08.2013.</p>
	<p>Construction of Centre for Automation and Instrumentation Building.</p> <p>CPWD has informed the Committee that the work will be completed by 31.08.2013.</p>
	<p>Construction of Computer Aided Manufacturing Building.</p> <p>The Committee was informed by CPWD that the work will be completed by 30.09.2013.</p>
	<p>Renovation of Gent's Toilets of various Buildings.</p> <p>The work of renovation of Gent's Toilets in various academic buildings is completed except for few minor external works. The Chairman appreciated the efforts of the Executive Engineer of CPWD and his team in completing the work in time and well before the academic year commenced. The work will be completed in all respects by 25-08-2013.</p>
	<p>Renovation of Ladies Toilets of various Buildings.</p> <p>The work is completed.</p>
	<p>Construction of Metallurgical and Materials Engineering Department building and Construction of Chemical Engineering Department building.</p> <p>The Committee was informed that the preliminary drawings of both Department of Metallurgical and Materials Engineering and Department of Chemical Engineering are finalized by the concerned Departments. The plans for Department of Computer Science and Engineering, Department of Bio Technology, Department of Mathematics and Department of Humanities will be finalized in consultation with the concerned Departments by this month end. The Committee approved the following changes (which were not considered at the time of approval of Preliminary Estimate) suggested by</p>

A.P.C. Reddy



	<p>CPWD.</p> <ul style="list-style-type: none"> The parking in both the building will be provided in the basement in both the buildings. The Foundry Lab and the Universal Testing Machine for Department of Metallurgical and Materials Engineering will be provided outside the Building. CPWD will prepare the plans for the separate Building for these labs and submit along with the detailed drawings and estimates. One goods lift of capacity 2 tons (instead of 1 ton as proposed earlier) and three passenger lifts of capacity 13 passengers (instead of 8 passengers as proposed earlier) will be provide in each of the two Buildings. <p>The additional financial implications of these changes will be worked out and submitted along with the detailed estimates. CPWD has given the following schedule for these two works.</p> <ul style="list-style-type: none"> Detailed drawings and estimates will be submitted for approval by NITW by 15.09.2013. NITW has to finalize the plans for other Departments that are to be accommodated in these two buildings before 31.08.2013. Revised Detailed Drawings will be provided by NITW by 15-09-2013. Estimates will be got ready by CPWD by 30-09-2013. Tenders will be called by 15.10.2013. Three months to finalize the tenders and award the contract Twenty month to complete the construction. Thus the two buildings are likely to be completed by end-of October 2015 and Buildings will be ready for use by end 2015. <p>CPWD has requested NITW to obtain the approval of the Warangal Municipal Corporation for the construction of these two buildings before the tender schedules are released.</p> <p>The members of the Committee suggested that Solar Panels may be installed on the top of these two Buildings.</p>
	<p>Construction of second floor over Indoor Games Complex.</p> <p>Detailed drawings and estimates will be ready by 31.08.2013.</p> <ul style="list-style-type: none"> NITW to provide Report on Structural Stability Analysis by 31-08-2013 Construction of New Kitchen to be reviewed by NITW.
	<p>Construction of Dining Hall in Ladies Hostel.</p> <ul style="list-style-type: none"> Detailed drawings and estimates will be ready by 31.08.2013. Structural Stability Analysis Report to be prepared by NITW.

<p>22-4</p>	<p style="text-align: center;"><u>Name of the Item</u></p> <p>To consider and approve the Preliminary Estimate for the construction of Staff Quarters for Teaching staff (G+9 floors).</p> <p style="text-align: center;"><u>Resolution</u></p> <p>The Committee resolved to approve the construction of Staff Quarters for Teaching Staff. The Committee suggested that parking in the proposed quarters may be provided in the basement and ground floor.</p>
-------------	---

Handwritten signature



22-5	<p style="text-align: center;"><u>Name of the Item</u></p> <p>To consider and approve the Preliminary Estimate for the construction of Staff Quarters for Non-Teaching staff (G+9 floors).</p> <p style="text-align: center;"><u>Resolution</u></p> <p><i>The Committee resolved to approve the Construction of staff quarters for the Non-teaching staff. The Committee suggested that the parking in the proposed quarters may be provided in the basement and ground floor.</i></p>
22-6	<p style="text-align: center;"><u>Name of the Item</u></p> <p>To consider and approve the tenders for the construction of one RCC ground water storage sump at Over Head Tank No.1 and another near the quadrangle portion of the Civil Engineering Department with a capacity for Four Lakh liters each.</p> <p style="text-align: center;"><u>Resolution</u></p> <p><i>The Committee resolved to approve the tenders for the construction of two RCC underground water storage sumps in the campus.</i></p>
22-7	<p style="text-align: center;"><u>Name of the Item</u></p> <p>To ratify the action taken to construct the model toilet at Chemistry Department with an amount of Rs 6.85 Lakhs on nomination.</p> <p style="text-align: center;"><u>Resolution</u></p> <p><i>The Committee resolved to ratify the action taken to construct the model toilet in Chemistry Department on nomination, as a special case.</i></p>
22-8	<p style="text-align: center;"><u>Name of the Item</u></p> <p>To consider and approve the payment for Fire Protection Works at Mega Hostel.</p> <p style="text-align: center;"><u>Resolution</u></p> <p><i>The Committee resolved to give approval for payment of the pending payment to M/S Jay Deep Techno Enterprises Ltd., Chennai who have provided the Fire Protection System in Mega Hostel and the NOC from the Dept. of Fire Protection.</i></p>
22-9	<p style="text-align: center;"><u>Name of the Item</u></p> <p>To consider and approve the payment for Fire Protection Works at Ultra Mega Hostel.</p>

**Resolution**

The Committee resolved to give conditional approval for payment of pending amount to M/S Jay Deep Techno Enterprises Lts., Chennai, who have provided the Fire Protection System in Ultra Mega Hostel. The pending payment may be released only after Fire Safety Certificate is obtained by the contractor.

22-10

Name of the Item

To consider and approve the Estimate for Renovation of Center for Continuing Education Building (Formerly Punnami Tourist Guest House).

Resolution

The Committee resolved to approve the renovation of Centre for Continuing Education Building.

22-11

Name of the Item

To consider and approve the Renovation of IT Theme Center.

Resolution

The Committee resolved to approve the Renovation of IT Theme Center.

22-12

Name of the Item

To consider and approve the Renovation of Auditorium.

Resolution

The Committee resolved to approve the renovation of Auditorium. The members suggested that Calcium Silicate boards may be used for false ceiling.

22-13

Name of the Item

To consider the proposal for construction of Community Hall for Staff.

Resolution

The Committee resolved to approve the construction of Community Hall for Staff.



22-14	<p style="text-align: center;"><u>Name of the Item</u></p> <p>To consider the proposal for laying of Pathway/Road along inner side compound wall periphery.</p> <p style="text-align: center;"><u>Resolution</u></p> <p><i>The members of the Committee suggested that the possibility of providing solar fencing may be explored instead of providing pathway along the compound wall and raising the compound wall (Item 22-16).</i></p> <ul style="list-style-type: none"><i>The thorny bushes can be removed and appropriate soil treatment measures taken to prevent future growth of such thorny bushes.</i>
-------	--

22-15	<p style="text-align: center;"><u>Name of the Item</u></p> <p>To consider and approve the Enhancement of Financial Powers to the Director NIT, Warangal, for awarding works on nomination basis.</p> <p style="text-align: center;"><u>Resolution</u></p> <p><i>The Committee resolved to approve the enhancement of Financial Powers of Director, NIT, Warangal from Rs 2.00 lakhs to Rs.5.00 lakhs for awarding works on nomination basis.</i></p>
-------	--

22-16	<p style="text-align: center;"><u>Name of the Item</u></p> <p>To consider and approve the rising of compound wall over existing wall and reconstructions.</p> <p style="text-align: center;"><u>Resolution</u></p> <p><i>The members of the Committee suggested to explore the possibility of providing solar fencing instead of raising the compound wall and providing pathway along the compound wall (Item 22-14).</i></p>
-------	--

22.17 Under any other item with the permission of the Chair the following items were taken up for discussion:

22-17.1	<p style="text-align: center;"><u>Name of the Item</u></p> <p>To consider and approve construction of new ladies hostel with a capacity of 800 students.</p> <p style="text-align: center;"><u>Resolution</u></p> <p><i>The Committee resolved to approve the construction of new ladies hostel with a capacity of 800 students</i></p>
22.17.2	<p style="text-align: center;"><u>Name of the Item</u></p>

ARC Reddy



To consider and approve renovation of workshops in Civil and Mechanical Engineering Departments.

Resolution

The Committee resolved to approve the renovation of workshops in Civil and Mechanical Engineering Departments, including modernization of any important lab equipment.

The members of the Committee stressed the need to complete all the ongoing and proposed works in time, while ensuring the quality of work is not compromised. The Committee considered and approved the following suggestions made by MDr. Janakiram Nanduri.

- A periodic inspection of all the ongoing works should be taken up by a joint team from NITW and CPWD to review the progress of the works. The time schedule is to be prepared for all the works taken up and the progress has to be reviewed with reference to this time schedule. The progress of the ongoing works may be presented in the form of graph/bar chart to the BWC, including S-curves. The Joint Team of NITW & CPWD should undertake weekly reviews of the work progress and monitor the work so as to complete the work in the given time schedules and specified quality parameters.
- The quality of the work needs to be checked periodically. For all the proposed new works, CPWD/ Project Engineering Unit have to provide the checks and measures (in the form of a Quality Management System comprising of Procedures & necessary documentation) that are proposed to be taken up during the execution of the work to ensure the quality during construction. A team with faculty members from the Department of Civil Engineering may be constituted to periodically review to ensure that the quality checks and measures proposed are strictly followed by the contractor during construction.

The members of the Committee have suggested that the possibility of e-tendering may be explored for all the works taken up by Project Engineering Unit.

The meeting ended with the vote of thanks by the Chairman.

ARC Reddy

(PROF. A. RAMACHANDRA REDDY)
REGISTRAR I/c &
MEMBER-SECRETARY, FC
NATIONAL INSTITUTE OF TECHNOLOGY
WARANGAL 506 004

(PROF. T. SREENIVASA RAO)
CHAIRMAN & DIRECTOR
NATIONAL INSTITUTE OF TECHNOLOGY
WARANGAL 506 004