



**MINUTES OF 21<sup>ST</sup> MEETING OF THE BUILDING & WORKS COMMITTEE HELD ON 18<sup>TH</sup> MARCH 2019 AT 10.30 AM IN THE OOM ROOM, NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI.**

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**PRESENT:**

1. Dr. Mini Shaji Thomas - Chairperson  
Director,  
NIT, Tiruchirappalli – 620 015
2. Shri Anil Kumar Singh - MHRD Representative  
Under Secretary (TS-III)  
(Through Skype)  
Department of Higher Education  
Ministry of Human Resource Development  
Shastri Bhawan  
New Delhi – 110001
3. Dr. M. Umopathy - Member  
Dean (Planning & Development) I/C  
NIT, Tiruchirappalli – 620 015
4. Mr.K.Rajendran - Member  
Superintending Engineer (Civil Section)  
CSIR-Central Electro Chemical Research Institute,  
Karaikudi- 630 003  
Tamil Nadu
5. Dr.V.Jagadeesh Kumar, -Member  
Professor,  
Department of EEE  
Indian Institute of Technology Madras  
Chennai – 600 036
6. Dr. K. Muthukumar - Member  
Professor  
Department of Civil Engineering  
NIT, Tiruchirappalli – 620 015

7. Shri. A. Palanivel - Member Secretary  
Registrar & Estate Officer  
NIT, Tiruchirappalli – 620 015
8. Dr. P.Gopalakrishnan -Special Invitee  
Associate Dean (Planning and Development)  
NIT, Tiruchirappalli-620015
9. Er. R. Palanichamy - Special Invitee  
Executive Engineer (Elect)  
Trichy Central Electrical Division, CPWD,  
Trichy – 620 015
10. Er. A. Antony Raj -Special Invitee  
Assistant Engineer (Civil)  
TCSD-I, CPWD,  
Trichy – 620 015
11. Er. C. Sundaram - Special Invitee  
Assistant Engineer (Civil)  
TCSD-II, CPWD,  
Trichy – 620 015
12. Er. R. Narayanan -Special Invitee  
Executive Engineer,  
NIT, Tiruchirappalli – 620 015

The Chairperson welcomed the Members and Special Invitees to the 21<sup>st</sup> Meeting of the Building and Works Committee and briefed the B&WC about the observations and developments in the Institute since the last B&WC Meeting. Thereafter the Agenda items were taken up for discussion.

**ITEM NO. 1. CONFIRMATION OF THE MINUTES OF THE 20<sup>TH</sup> MEETING OF THE BUILDING & WORKS COMMITTEE HELD ON 14<sup>TH</sup> NOVEMBER 2018.**

The Minutes of the 20<sup>th</sup> Meeting of the Building & Works Committee (B&WC), NIT Tiruchirappalli held on 14<sup>th</sup> November 2018 were confirmed as circulated.

**RESOLUTION RESOLVED THAT the Minutes of the 21/B&WC/2019/1 20<sup>th</sup> Meeting of Building & Works Committee be Confirmed.**

**ITEM NO. 2. ACTION TAKEN REPORT ON THE MINUTES OF THE 20<sup>TH</sup> B & WC MEETING HELD ON 14<sup>TH</sup> NOVEMBER 2018.**

The details of Action Taken on the decision of the B&WC are given below:-

<b>Resolution No.</b>	<b>Gist of the Decisions of the 20<sup>th</sup> Meeting of the B &amp; WC</b>	<b>Action Points / Action Taken</b>
20/B&WC/2018/1	Confirmation of the Minutes of the 19 <sup>th</sup> Meeting of B & WC	Confirmed
20/B&WC/2018/2	Action Taken Report on the Previous 19 <sup>th</sup> B&WC Meeting held on 21/06/2018.	Appropriate actions taken
20/B&WC/2018/3	Approval of the New Works	B&WC discussed and agreed to the expert committee

		recommendations regarding the new STP
20/B&WC/2018/4	Reporting of the work executed by the Estate Maintenance Department from 19.06.2018 to 13.11.2018	Noted
	Progress report of various construction works entrusted to CPWD	Noted

**RESOLUTION    RESOLVED THAT the action taken on the 21/B&WC/2019/2 decisions of the 20<sup>th</sup> Meeting of Building & Works Committee be noted.**

**ITEM NO 3. EXPERT COMMITTEE RECOMMENDATIONS ON THE STP**

B&WC members discussed and agreed to the expert committee recommendations with the following suggestions.

- To get the consent letter from TNPCB
- To get the EIA & performance audit of STP done by third party preferably by IIT Madras.
- To have a joint meeting with TNPCB Trichy and NITT officials to sort out the pending issues.
- To recycle and reuse 100% of the treated water inside the campus.
- A smaller capacity New STP for additional intake of students may be constructed and a decoloring treatment to the old STPs be done.

**RESOLUTION      RESOLVED THAT the recommendations  
21/B&WC/2019/3 of the expert committee be approved.**

**Resolved further that**

- i) consent letter be obtained**
- (ii) EIA& Performance Audit of STP be completed**
- (iii) Joint meeting with TNPCB Trichy & NIT officials be organized.**
- (iv) Recycling and 100% re-use of the treated water be initiated inside the campus.**

#### **ITEM NO 4. NEW PROPOSALS FOR CONSIDERATION AND APPROVAL**

In order to accommodate the increase in intake due to reservation for the economically weaker section (EWS), additional class room, laboratory spaces, Hostels, quarters for faculty and staff were proposed. B&WC went through the proposals with supporting documents and found that CPWD rough estimate does not include the furniture, site landscaping, parking facilities, and Air conditioning. The roof height considered for the academic buildings in the rough estimate needs to be revised from 2.9 m to 3.5m. In the proposals, the residential buildings were treated as G+3 structure instead of Multistory Building i.e G+6 floors. Hence the committee entrusted the Chairperson to obtain the revised estimate from the CPWD incorporating the above items. B&WC also authorized the

Chairperson to include the revised estimate from CPWD in the minutes.

#### **A.1 Vertical Expansion of OJAS Building**

The proposal for vertical expansion of OJAS Building with lecture rooms, conference halls, Laboratory, faculty rooms for Science Departments & Sophisticated Instrumentation facility with an area of 6426 sq.mts at an estimated cost of Rs.21.61 (revised cost Rs. 27.36 crores) is recommended for forthcoming FC and BoG.

#### **A.2 Vertical Expansion of Lecture Hall Complex**

The proposal for vertical expansion of Lecture Hall complex housing 17 lecture halls, with an area of 3400 sq.mts at an estimated cost of Rs. 13.25 crore ( revised cost Rs.18.37 crores) is recommended for forthcoming FC and BoG.

#### **A.3 Vertical expansion of Chemical Engineering Annexure**

The proposal for vertical expansion of Chemical Engineering Annexure (On going work) housing Laboratory, Seminar Halls and faculty rooms, with an area of 2724 sq.mts. at an estimated cost of Rs. 6.64 crore (revised cost Rs.13.37 crores) is recommended for forthcoming FC and BoG.

#### **A.4 Vertical Expansion of OPAL 'F' Block**

The proposal for vertical expansion of Girls Hostel Opal F block (on going work) additional three floors with an area of 8440sq.mts at an

estimated cost of Rs.24.31 crore (revised estimate Rs.30.47 crores) is recommended for forthcoming FC and BoG.

#### **A.5 Refurbishment of Sports Activity Centre**

The proposal for refurbishing the sports Activity centre at an estimated cost of 0.8 crores ( revised estimate Rs.1.80 crores) is recommended for forthcoming FC and BoG.

#### **B.1 Construction of 1000 seated UG Boys Hostel**

The proposal for construction of 1000 seated UG Boys Hostel with an area of 22520 sqmts. The boys hostel will be six storied with the amenities on the first floor. At an estimated cost of Rs.73.16 crores (revised estimate Rs.94.59 crores) is recommended for forthcoming FC and BoG.

#### **B.2 Construction of 600 seated PG Boys Hostel**

The proposal for construction of 600 seated PG Boys Hostel with an area of 16320 sq.mts. At an estimated cost of Rs.53.26 crores (revised estimate Rs.65.47 crores) is recommended for forthcoming FC and BoG.

#### **B.3 Construction of 250 single seated International Hostel**

The proposal for construction of 250 room international hostel with an area of 14000 sq.mts. at an estimated cost of Rs.56.00 crores (revised estimate Rs.72.30 crores) is recommended for forthcoming FC and BoG.

#### **B.4 Construction of Faculty Quarters (100 nos.)**

The proposal for construction of 100 faculty quarters with an area of 25260 sq.mts. at an estimated cost of Rs.79.65 crores (revised estimate Rs.93.86 crores) is recommended for forthcoming FC and BoG.

#### **B.5 Construction of Non Teaching Quarters (50 nos.)**

The proposal for construction of 50 Non-Teaching Quarters with an area of 8280 sq.mts. at an estimated cost of Rs.26.69 crores (revised estimate Rs.31.31crores) is recommended for forthcoming FC and BoG.

#### **B.6 Construction of Research Scholars Quarters (100 nos.)**

The proposal for construction of 100 Research Scholar Quarters with an area of 7500 sq.mts. at an estimated cost of Rs.24.26 crores (revised estimate Rs.29.78 crores) is recommended for forthcoming FC and BoG.

<b>Consolidated List of New Works</b>			
<b>A. Vertical Expansion Projects</b>		<b>Estimate * (In crores )</b>	<b>Revised Estimate</b>
1.	Vertical Expansion of OJAS Building	21.61	27.36
2.	Vertical Expansion of Lecture Hall Complex	13.25	18.37
3.	Vertical Expansion of Chemical Engineering Annexure	6.64	13.37
4.	Vertical Expansion of OPAL 'F' Block	24.31	30.47
5.	Refurbishment of Sports Activity Centre	0.8	1.80
<b>B. New Building Projects</b>			
1	Construction of 1000 seated UG Boys Hostel	73.16	94.59
2	Construction of 600 seated PG Boys Hostel	53.26	65.47
3	Construction of 250 Single seated International Hostel	58.33	72.30



4	Construction of Faculty Quarters (100nos.)	79.65	93.86
5	Construction of Non-Teaching Quarters (50nos.)	26.69	31.31
6	Construction of Research Scholars Quarters (100nos.)	24.26	29.78
	<b>Total</b>	<b>381.96</b>	<b>478.68</b>

\*Rough Estimate without furniture, site developments, parking, air conditioning.

The area proposed in the new proposals are well below the MHRD HEFA Infrastructure Area entitlement guidelines. (Area entitlement of 75 sq.mt/student as per MHRD OM, / F.No.16-2/2017-TC dated 16th July 2018)

**RESOLUTION**            **RESOLVED THAT the proposals in (A1) 21/B&WC/2019/4 to (A5) and (B1) to (B6) be recommended to Finance Committee.**

**ITEM NO. 5      REPORTING ITEMS**

- i) **Reporting of the works executed by the Estate Maintenance Department from 14.11.2018 to 11.03.2019.**

List of the works executed by EMD were noted.

- ii) **Progress report of various construction works entrusted to CPWD**

The progress of work carried out by CPWD were noted.

**RESOLUTION**            **RESOLVED THAT the items 5 (i) & (ii) 21/B&WC/2019/5 be noted.**

**ITEMNO.6 ANY OTHER ITEMS**

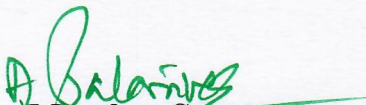
The following are the discussion held under any Other Items

- (i) A committee consisting of following B&WC members is constituted to monitor the progress and quality of construction works in the campus on a regular basis preferably once in a month.
1. Mr.K.Rajendran, SE (Civil Section), CSIR Karaikudi
  2. Dr.V.Jagadeesh Kumar, Professor, EEE Dept, IIT Madras
  3. Dr. K.Muthukumaran, Professor, Civil Dept, NIT Tiruchirappalli
- (ii) A meeting with TNEB officials may be arranged to check the status of exclusive feeder line for

**RESOLUTION RESOLVED THAT**

- 21/B&WC/2019/6** (i) A committee consisting of B&WC external members be constituted to monitor the progress and quality of construction works in the campus on a regular basis preferably once in a month. (ii) A meeting with TNEB officials be arranged to check the status of exclusive feeder line for NITT.

The Meeting ended with vote of thanks to the Chair.

  
Member Secretary

  
Chairperson