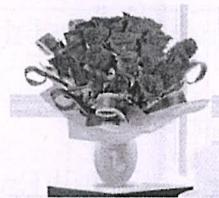


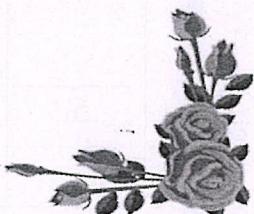
**INDIAN INSTITUTE OF  
INFORMATION TECHNOLOGY TIRUCHIRAPPALLI**

**NIT CAMPUS, TIRUCHIRAPPALLI -620 015**

**MINUTES OF THE FOURTH MEETING OF  
BUILDING AND WORKS COMMITTEE (BWC)  
HELD ON  
26.05.2020 AT 10.00 A.M.**



**Mode: Video Conferencing**



**INDIAN INSTITUTE OF INFORMATION TECHNOLOGY (IIIT) TIRUCHIRAPPALLI**  
**NIT CAMPUS, TIRUCHIRAPPALLI -620 015**

**Minutes of the Fourth Meeting of the Building and Works Committee**

The fourth meeting of the Building and Works Committee (BWC), IIIT Tiruchirappalli was held on 26<sup>th</sup> May 2020, Tuesday by 10.00 AM through Video Conferencing and the following members were present.

<b>Sl. No.</b>	<b>Name of the Officials</b>	<b>Designation</b>
1.	Dr. N. V. S. N. Sarma Director, IIIT Tiruchirappalli	Chairman
2.	Shri A. Palanivel, Mentor Registrar, IIIT Tiruchirappalli	Member - Secretary
Following members have attended through Video Conferencing mode		
1.	Prof. K. Baskar Professor, Dept. of Civil Engg., NIT Tiruchirappalli Representing MHRD, Govt. of India	Member
2.	Dr. K. Rama Murthy, Professor, Dept. of Civil Engg., IIT Madras, Chennai	Member
3.	Dr. N.V. Ramana Rao Director, NIT Warangal.	Member
4.	Shri. Ravi Kula Chandran, Ramco Systems, Chennai	Member
5.	Dr. J. Jerald, Associate Dean (P&D), IIIT Tiruchirappalli	Member

Leave of absence was granted to the following member:

1. Selvi Apoorva, IAS

Principal Secretary, Dept. of Higher Education,  
Govt. of Tamil Nadu, Chennai.

The following members attended the meeting as special invitees:

1. Shri. A. Sreenivasa Rao, Superintending Engineer, CPWD, Trichy Project Circle
2. Shri T. Rajkumar, Asst. Engineer, CPWD, Trichy Project Circle

The Chairman welcomed the members to the fourth meeting of the Building and Works Committee of IIIT Tiruchirappalli. The following decisions were taken in the meeting:

**Item No. BW-4.01 - Confirmation of Minutes of the Third Meeting  
of the BWC held on 30<sup>th</sup> October 2019**

The members of the BWC confirmed the minutes of the third BWC meeting held on 30<sup>th</sup> October 2019.

## **Item No. BW-4.02 - Options for the elevation of Academic & Admin Building**

The members of BWC have discussed all the available options with various parameters such as advantages, maintenance, lighting, natural ventilation and architectural styles given in the 3D visualization photos and comparative statement available in the table.

The committee also investigated and observed the area to be built in Phase -I. After a thorough scrutiny, the members of the committee are satisfied with the justification proposed in the table.

BWC members have suggested to form a three-member committee from NIT Trichy (Architecture, Civil and Mechanical Departments) to take care of following things in the administrative building.

- Heat generation
- Shading
- Ventilation flow
- Sunlight
- Structural study
- Air conditioning

BWC members also suggested the Director, IIIT to choose any one of the building plan options and to prepare the complete floor plan for the above building in pdf format and send it to the members by circulation for further approval.

### **Item No. BW-4.03 - Options for the elevation of Dining hall**

The members of BWC have discussed all the proposed options with various parameters such as advantages, maintenance, lighting, natural ventilation and architectural styles given in the 3D visualization photos and comparative statement available in the table.

The committee also investigated and noted the area to be built in Phase -I. After a thorough scrutiny, the members of the committee are satisfied with the justification proposed in the table for the variation in the cost.

BWC members have suggested not to spend too much cost on elevation for the Dining hall. The members suggested the same committee to take care of the following things.

- Electrical consumption & HVAC
- Heat generation
- Natural ventilation for Kitchen and Dining hall
- Ensuring the Social distancing

Finally, the BWC members have approved the option-3. The floor plan is to be updated in the light of the above factors for this option.

#### **Item No. BW-4.04 - Options for the Hostels (boys & girls)**

The members of BWC have discussed all the available options with various parameters such as advantages, maintenance, lighting, natural ventilation and architectural styles given in the 3D visualization photos and comparative statement available in the table.

The committee also investigated and observed the area to be built in Phase -1. After appropriate analysis, the members of the committee are satisfied with the justification proposed in the table for the reduction in the cost.

Finally, the BWC members have approved the option 2 (Two) for Boys hostel. The Director, IIITT is authorized to choose the option for the Girls Hostel. It is informed that option – 4 (Four ) is selected for Girls Hostel by the Director as indicated by some female faculty members of the institute.

The BWC members suggested to show the plan to the same committee for further detailed analysis.

BWC members suggested to build a model room with all facilities by the contractor for the hostels initially and this should be verified by a committee before the construction work is started.

*The proposed options for Academic and Admin building and selected options for Dining Hall, Boys and Girls Hostels are attached for ready reference.*

**Item No. BW-4.05 – Any other item with the Permission of the Chair**

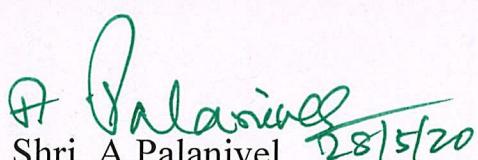
It is informed that some BWC members after going through the approved floor plans of the academic and admin building suggested the following modifications: (i) to increase the width of the corridor at all the locations of all the floors to 2.5m uniformly increasing the plinth area by 74 sq. m. (ii) reduction of risers for the three stair cases in the academic and admin building from 150 mm to 100 mm for ease of climbing. Accordingly, the extra plinth area is worked out to be 204 sq. m. (iii) The proposed slab cuts near corridors result in decrease in the plinth area by 133 sq. m.

The proposed elevation plans for the hostels require (63+5) 68 sq.m. less area than actually mentioned in the tender.

Hence, there is a net increase of 145 sq. m. (In words One hundred and forty five square meters) in the plinth area costing approximately INR 56 lakhs (Rupees Fifty six lakhs). But, taking the saving in the cost due to 68 sq. m., of hostels, net extra amount to the institute is worked out to be approximately 43 lakhs (Rupees Forty-three lakhs).

After thorough deliberations, it is resolved to recommend the proposed modifications and approved the extra cost.

The meeting ended with thanks to the Chairman and other members proposed by the Member Secretary, BWC.

  
Shri. A. Palanivel 28/5/20

Mentor Registrar, IIIT Tiruchirappalli  
Member Secretary

//Approved//

  
Dr. N. V. S. N. Sarma

Director, IIIT Tiruchirappalli  
Chairman, BWC

Option – 01A

**Proposed 3D visualization of Administrative & Academic Building  
(Ground + Four Floors)**



PROPOSED ACADEMIC BUILDING at IIIT -TRICHY

TEEMAGE PRECAST 

Option – D1A

**Proposed 3D visualization of Administrative & Academic Building – Phase -01  
(Ground + Three Floors)**



PROPOSED ACADEMIC BUILDING at IIIT -TRICHY

TEEMAGE PRECAST 

Option – 02A

**Proposed 3D visualization of Administrative & Academic Building  
( Ground + Four Floors)**



Option – 02A

**Proposed 3D visualization of Administrative & Academic Building – Phase -01  
(Ground + Three Floors)**



Option – 03A

**Proposed 3D visualization of Administrative & Academic Building  
(Ground + Four Floors)**



PROPOSED ACADEMIC BUILDING at IIIT -TRICHY

TEEMAGE PRECAST 

Option – 03A

**Proposed 3D visualization of Administrative & Academic Building – Phase -01  
( Ground + Three Floors)**



PROPOSED ACADEMIC BUILDING at IIIT -TRICHY

TEEMAGE PRECAST 

Option – 04A

**Proposed 3D visualization of Administrative & Academic Building  
( Ground + Four Floors)**



Option – 04A

**Proposed 3D visualization of Administrative & Academic Building – Phase -01  
(Ground + Three Floors)**



Option – 03M

**Proposed 3D visualization of Dining Hall ( Ground + One Floor)**



PROPOSED MESS BUILDING at IIIT -TRICHY

TEEMAGE PRECAST 

Option – 03M

**Proposed 3D visualization of Dining Hall – Phase – 01( Ground floor Only)**



PROPOSED MESS BUILDING at IIIT -TRICHY

TEEMAGE PRECAST 

Option – D2H

**Proposed 3D visualization of Hostel (Ground + Four Floors)**



Option – D2H

**Proposed 3D visualization of Hostel – Phase -01( Ground + One Floor)**



Option – 04H

**Proposed 3D visualization of Hostel (Ground + Four Floors)**



Option – D2H

**Proposed 3D visualization of Hostel – Phase -01( Ground + One Floor)**

