MINUTES OF 15TH MEETING OF THE BUILDING & WORKS COMMITTEE OF NIT TIRUCHIRAPPALLI HELD ON 24TH NOVEMBER 2015 AT 10.00 AM IN T.R.I.L., RAMANUJAN IT CITY, TARAMANI, CHENNAI

Present:

1. Dr. S. Sundarrajan
   Director
   NIT, Tiruchirappalli – 620 015 - Chairman

2. Shri. Ravi Viswanathan
   President, Global Business
   Tata Consultancy Services
   Ramanujan IT Park
   Taramani, Chennai - Member

3. Dr. G. Swaminathan
   Dean (Planning & Development)
   NIT, Tiruchirappalli – 620 015 - Member

4. Er. P. Kanaka Raju
   Superintending Engineer (Civil)
   IIM Trichy Project Circle
   Central Public Works Department
   Trichy – 620 024. - Member

5. Er. Murali Rengarajan
   Superintending Engineer (Electrical)
   IIM Trichy Project Circle
   Central Public Works Department
   Trichy – 620 024. - Member

6. Dr. Sishaj P Simon
   Assistant Professor, EEE Department
   NIT, Tiruchirappalli – 620 015 - Special Invitee

7. Shri. A. Palanivel
   Registrar
   NIT, Tiruchirappalli – 620 015 - Member Secretary

The MHRD official could not attend the Meeting.

The Chairman welcomed the members and special invitee to the 15th Meeting of the Building and Works Committee. The Committee acknowledged the outstanding contributions made by Prof. G. Swaminathan, Past Officiating Registrar and Member Secretary and welcomed the incoming
Registrar and Member Secretary. The Chairman briefed the BWC about the developments took place in the Institute since the last BWC Meeting held on 10th April 2015.

**ITEM NO.I**

**TO CONFIRM THE MINUTES OF THE 14th MEETING OF THE BUILDING & WORKS COMMITTEE (B&WC) HELD ON 10.04.2015**

The minutes of the 14th Meeting of the Building & Works Committee (B&WC), NIT Tiruchirappalli held on 10.04.2015 were confirmed as circulated.

RESOLUTION 15/BWC/2015/1 RESOLVED THAT the Minutes of the 14th Meeting of Building & Works Committee be Confirmed

**ITEM NO.II**

**TO RECEIVE A REPORT ON THE ACTION TAKEN ON THE DECISIONS OF THE 14th MEETING OF THE BUILDING & WORKS COMMITTEE**

The details of action taken on the decisions of the BWC are given below:

<table>
<thead>
<tr>
<th>Resolution No.</th>
<th>Gist of the Decisions of the 14th Meeting of B&amp;WC</th>
<th>Action Points/Action Taken</th>
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</thead>
<tbody>
<tr>
<td>Item No: I</td>
<td>Confirmation of the Minutes of the 14th Meeting of the B&amp;WC</td>
<td>Confirmed.</td>
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<tr>
<td>Item No: II</td>
<td>To consider and approve the action taken report on the minutes of the previous meeting held on 29th July 2013</td>
<td>No action is required</td>
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<tr>
<td>Item No: III</td>
<td>To consider ratification and approval of the Revised Estimates/Works</td>
<td>Ratified</td>
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<tr>
<td>Item No: IV</td>
<td>To consider ratification and approval of the Works</td>
<td>Ratified</td>
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</tbody>
</table>
| Item No: V     | To consider and approve the New Works
   a) Vertical expansion and providing 2 Nos additional laboratories with toilets in CSG Annex Building
   b) New substation at 12th street corner (near IT Centre)
   c) Installation of Street lights along the service roads of NH-67 (In front of NIT campus) | Discussed and Approved
   Discussed and noted
   Discussed and suggested to install street lights in other areas also in the campus as per requirements |

*Minutes of the 15th BWC Meeting held on 24th November 2015 at Chennai*
<table>
<thead>
<tr>
<th>Item No: VI</th>
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<tbody>
<tr>
<td>Any other subjects permitted by the Chairman</td>
<td>The BWC has approved the proposal as a special case and as a gesture of sympathy</td>
<td></td>
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<td>- A proposal of providing air conditioning to the Administrative Building was submitted</td>
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<tr>
<td>d) Laboratory Annex Building for Chemical Engineering Department</td>
<td>Discussed and noted</td>
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<tr>
<td>e) Laboratory Annex Building for Metallurgical &amp; Materials Engineering Department</td>
<td>Discussed and noted</td>
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<tr>
<td>f) Additional expansion of Instrumentation &amp; Control Engineering Department</td>
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<td>g) Installation of 2MW Interactive SPV Power Plant</td>
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<td>h) Purchase of 2*750 kV DG sets</td>
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<td></td>
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<tr>
<td>i) Providing Air Condition for Common Lecture Hall complex, IT center, Library, Laboratories and Faculty Members</td>
<td>Discussed and noted</td>
<td></td>
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<tr>
<td>j) Providing Fire Fighting Equipment to all Department and Hostels</td>
<td>Discussed and suggested to put a note to Board of Governors for approval</td>
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<tr>
<td>k) Electrical renovation of Old Hostels</td>
<td>Discussed and noted</td>
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<tr>
<td>l) Electrical renovation in the Shopping Centre</td>
<td>Discussed and noted</td>
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<tr>
<td>m) Smart e-Metering and SCADA</td>
<td>Discussed and the CPWD would give the estimate to the Institute at the earliest</td>
<td></td>
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<tr>
<td>n) Renovation of Main Power House</td>
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<tr>
<td>o) Renovation of Quarter Sub Station</td>
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**RESOLUTION**

**RESOLVED THAT** the action taken on the decisions of the 14th Meeting of Building & Works Committee be noted and approved.
ITEM NO.III TO CONSIDER RATIFICATION AND APPROVAL OF THE ESTIMATES / WORKS

a) Repair and replacement of damaged Water supply and sanitary fittings and other miscellaneous works in Amber-A&B Hostel Toilets in NIT at Trichy

Building Works Committee suggested to explore the possibility of outsourcing the civil and electric works and involvement of Students Community.

b) Construction of Proposed Annex building for CSG

   Ratified

c) Construction of Science Block (OJAS)

   Building Works Committee suggested to bring ERP System in the Institute, if possible.

RESOLUTION 15/BWC/2015/3 RESOLVED THAT the items III (a) to (c) be ratified with the suggestions given under respective heads.

ITEM NO.IV TO CONSIDER RATIFICATION AND APPROVAL OF THE WORKS

RESOLUTION 15/BWC/2015/4 RESOLVED THAT the works executed by the Estate Maintenance Department from 01.04.2015 to 31.10.2015 be ratified.

ITEM NO.V TO CONSIDER AND APPROVE THE NEW WORKS

a) Construction of Girls Hostel to accommodate 300 students in OPAL Hostel Premises

   Suggested to go for good architectural design with the help of either Architecture Department of the Institute or RECALL

b) Revamping water supply lines in NIT campus

   Discussed and Approved.

c) Polishing of Drinking water in NIT campus

   Discussed and Approved.

Signed

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d) Construction of Toilet blocks near Quarters gate, near transport shed and on the eastern side of NIT campus (near Security tower)
   Discussed. A proposal will be submitted by TCS for consideration of the Institute.

e) Distribution network for treated Sewage water from Sewage Treatment Plant
   Discussed and suggested to colour the water so as to differentiate the drinking and treated sewage water.

f) Modernization of Swimming Pool including Pressure Filter
   Discussed and suggested to take all required precautions for health, Safety and Sanitation.

g) Construction of Compound wall for Department of Energy & Environment & Estate Maintenance Department
   Discussed and suggested to explore the possibility of fencing as an option instead of the Compound wall.

h) Construction of Compound wall in front of the departments on the Avenue road
   Discussed and approved

i) Parking facilities at OJAS & ORION
   Discussed and suggested to explore the innovative parking system for the Institute.

j) Polycarbonate louvers at all floors along the verandah of all sides at OJAS
   Discussed and approved.

k) Formation of drain towards west & north around OJAS, Orion and convention hall
   Discussed and approved.

l) Construction of Toilet block for Boys & Girls near east side of Admin. block, NITT
   Discussed and approved.

m) Construction of Storm water drain to Hostel zone
   Discussed and suggested to go for holistic way instead of piecemeal approach.

n) Construction of Bus shed for NITT Buses
   Discussed and approved.

o) Construction of Cycle shed in Zircon blocks, OPAL Blocks and Mega Mess-1
   Discussed and approved

p) Creation of additional kitchen to OPAL Mess
   Discussed and approved
q) Providing of Hot Water Facility to Hostel, Director Bungalow & Guest House etc. (Solar Water heater with Heat pump)  
   Discussed and suggested to install geysers.

r) New substation near OJAS  
   Discussed and suggested to install substations.

s) Additional Substation at 12th Street for IT Centre 301&302, IIM  
   Discussed and suggested to install substations at 12th Street for IT Centre 301 & 302, IIM.

t) Rewiring of Coral, Opal A,B,C, Coral and Jade Hostel  
   Discussed and approved.

u) Installation of Capacitor panel at various power house and renovation works  
   Discussed and suggested to install capacitor panel at various power house and renovation works.

v) Providing of separate feeder for commercial services in Institute, Hostel and Quarters Zone  
   Discussed and approved.

w) Installation of High mast Lighting system 3 No’s in vital places  
   Discussed. Keeping in view the safety of the students in the campus, the BWC has recommended to install 20 number of High Mast lights at vital places in the institute. The estimated cost for installing the same would be around Rs. 2.5 Crores.

x) Repairing and Modifications of quarters Power house  
   Discussed and approved

y) Repairing and Modifications of Departments installations  
   Discussed and approved

z) Installation of smart grid for energy conversation to the whole campus  
   Discussed and suggested to go for next phase.

RESOLUTION
15/BWC/2015/5  
RESOLVED THAT the items V (a) to (z) be recommended with the suggestions given under respective heads.

ITEM NO.VI  
ANY OTHER ITEMS WITH THE PERMISSION OF THE CHAIR

No Discussions were held under this item.

The meeting ended with a vote of thanks.

[Signature]  
Member Secretary

[Signature]  
Chairman
Building and Works Committee

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