

**MANIPAL ACADEMY OF HIGHER EDUCATION**  
**SEVENTH SEMESTER B. ARCH. DEGREE EXAMINATION – JAN/FEB 2018**

**SUBJECT: ARC-14-401 : URBAN CONTEXT STUDIO**  
**(2014 SCHEME)**

Monday, January 22; Tuesday, January 23 and Wednesday, January 24, 2018  
 (Monday 10:00 – 16:00; Tuesday (10:00 – 13:00 & 14:00 – 17:00); Wednesday (10:00 – 13:00 & 14:00 – 17:00))

Time: 18 Hrs. (in three days)

Max. Marks: 50

**READ THE FOLLOWING INSTRUCTIONS CAREFULLY.**

- ✍ The first sitting of six hours is continuous at the end of which the candidate shall submit the drawings as indicated. This submission will not be returned to the candidates, so they are advised to keep a copy of the first day's submission.
- ✍ No sheets will be allowed to be taken out of or into the examination hall.
- ✍ Major deviations from the design developed and submitted in the "first day's work" will not be accepted.
- ✍ The medium of presentation, i.e., pencil, crayon, ink etc. is left to the choice of the candidates.
- ✍ All drawings must be in proportion to the mentioned scales.
- ✍ Assume suitable data wherever not given and state the same.
- ✍ Only one Graph paper shall be provided at the beginning of the exam which should be used only to trace.

**'INSTITUTE OF DESIGN'**

The site is a green field beside Naga Temple and Tiwari Chat, opposite to MIT along the newly upgraded road connecting MIT main gate to Kamath Circle. It is a vacant land of 8170 SQ.M. in area, surrounded by Institutes, Commercial spaces, Hostel Blocks and Industry in its vicinity. It also has a cultural significance owing to the presence of a temple nearby. A new campus has been proposed to accommodate the facilities as mentioned below.

**DESIGN REQUIREMENTS:**

**No. of Bachelor Courses:** 02; **Maximum intake:** 30 per course

**No. of Masters Courses:** 04; **Maximum intake:** 10 per course

**Courses examples:** Product Design, Industrial Design, Retail Design, Set Design, System Design, Automobile Design, Graphic Design, etc.

**Teacher to student ration – 1:8**

**Site Area:** 8170 SQ.M.

**Maximum FAR:** 2

**Maximum Ground Coverage:** 60%

**Setbacks from property boundary:** 9 meters in front, 6 meters from all other sides.

Fire Safety precautions in terms of design are mandatory.

Parking requirement to be assumed as per the stated/assumed number of users.

Site is flat and 1 meter below the adjacent road.

Sociocultural and existing contextual land use must be retained and addressed.

Character of the typology of the Building and the context is to be honored.

Udupi bylaws has to be followed for Day-2 and Day-3 works.

### **REQUIRED SPACES:**

- Director's cabin
- Office and reception
- Conference Room
- Faculty Cabins
- Staff room
- Studios
- Exhibition spaces
- Canteen
- Workshops/labs
- Seminar halls
- Auditorium/OAT
- Toilets
- Outdoor Workshops
- Computer Lab
- Library

### **SERVICE AREAS**

- Fire Staircases
- Drop-off zones
- Emergency gathering areas
- Electrical ducts
- Plumbing ducts

### **SUBMISSION REQUIREMENTS**

#### **1. DAY 1:**

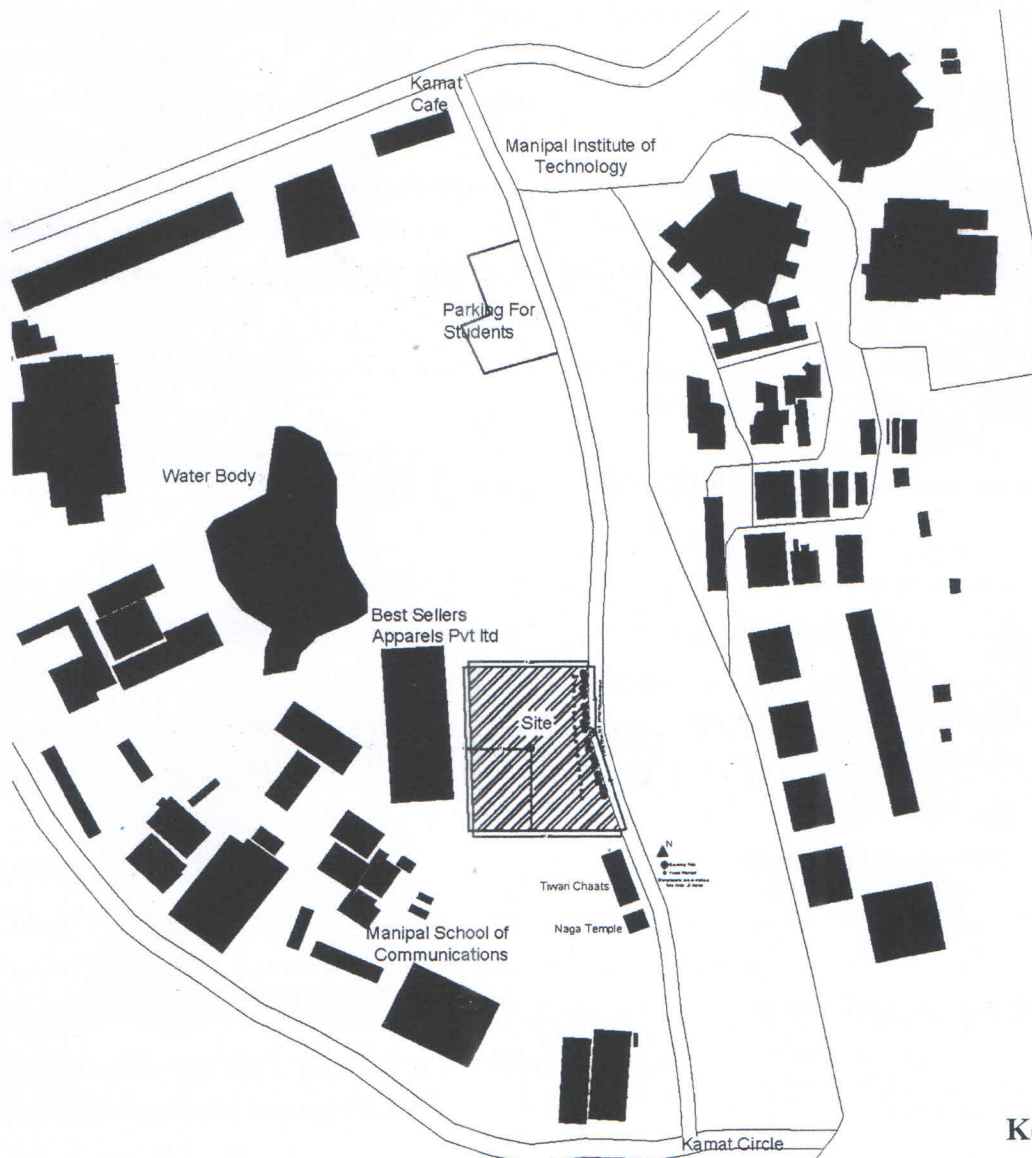
- a) Site Analysis and Site Zoning
- b) Area Program
- c) Concept
- d) Five Salient Features of Conceptual Design based on the Architectural Style you want to attempt.

(4+4+4+4 = 16 marks)

2. **DAY 2 & 3:**

- a) Site Plan
- b) All Floor Plans – Circulation Analysis
- c) Volumetric Analysis of the building and Site Sections / Site Elevations showing skyline
- d) Economic/sustainability/green Feasibility
- e) **Any two** important Elevations and **any two** important details
- f) Conceptual Streetscape and Views of significant aspects of design.
- g) Detailed Model

(4+4+4+4+4+4+10 = 34 marks)



**Key Plan**

