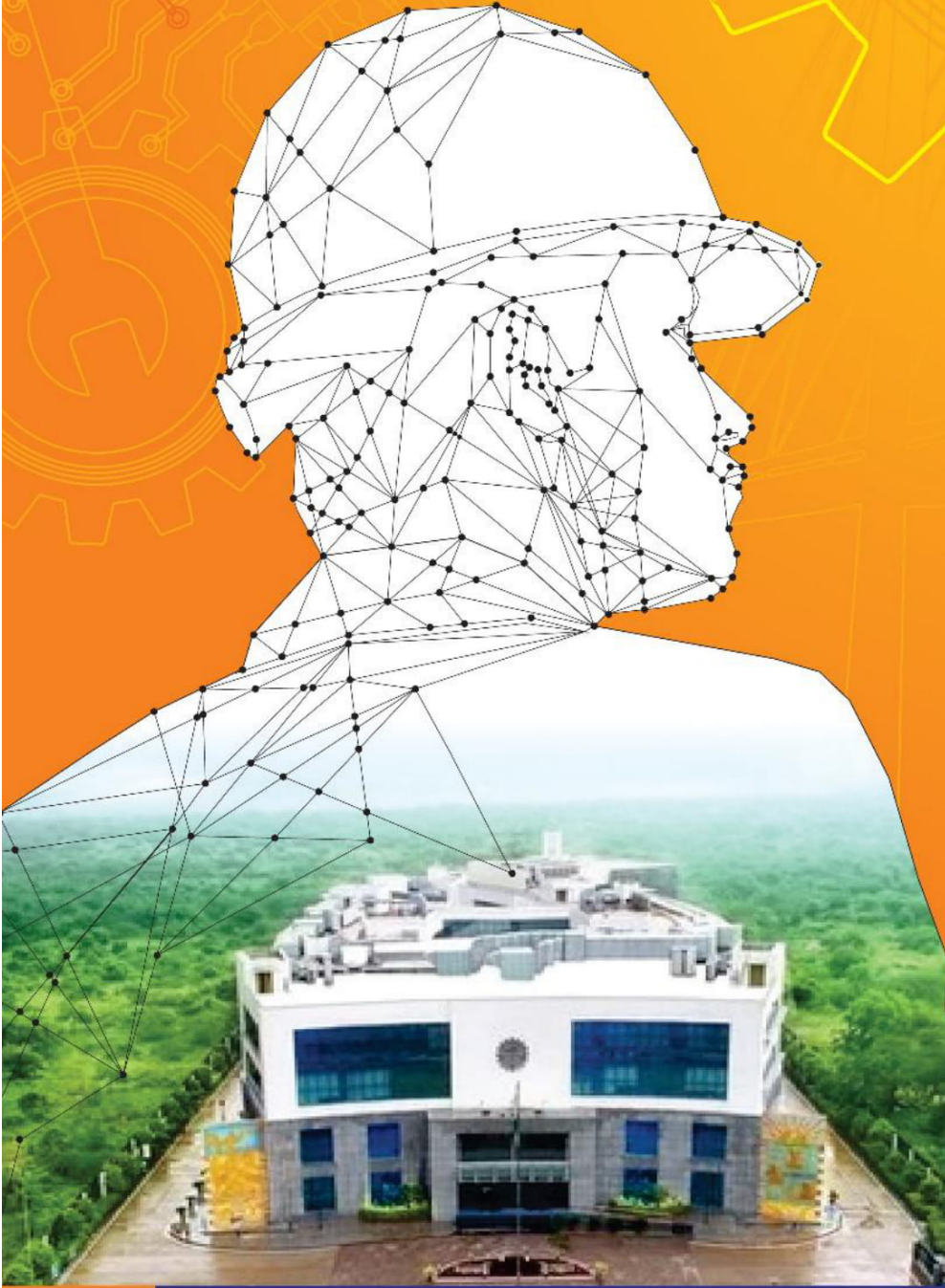


अखिल भारतीय तकनीकी शिक्षा परिषद
**ALL INDIA COUNCIL FOR
TECHNICAL EDUCATION**



APPROVAL PROCESS HANDBOOK 2021-22



4.2.1 Instructional Area (Carpet Area) in Sq. m

A. Engineering and Technology (Under Graduate/ Post Graduate Degree/ Integrated/Dual Degree) Institutions

Particulars	Number of Rooms required	Carpet Area in Sq.m per Room
Class Rooms	Total Number of Divisions x 0.75	66/ 33*
Tutorial Rooms ⁺	25% of total Class Room	33
Laboratory for First Year	4 (which includes 2 Laboratories for Basic sciences)	66
Laboratory other than First Year	2 per Course per Year	66
Laboratory for Post Graduate Courses	1 per Course	66
	1 Research Laboratory	66
Workshop [#]	1	200
Additional Laboratory/ Workshop for "X" Category Courses	1	200
Drawing Hall [#]	1	132
Computer Centre [#]	1	150
Seminar Hall	1	132
Library ⁺⁺	1	400
Language Laboratory ⁺	1	33

For Courses having more than 3 Divisions, additional Laboratories equivalent to the required number on pro rata basis for the said Courses shall be created.

* Applicable for Post Graduate Course only.

+ Language Laboratory shall have a minimum of 20 Computers with appropriate Software. Additional Laboratory required, if number of Divisions >5.

++ Additional Library area of 50 m² per 60 Students beyond 420 "Approved Intake".

"X" Category Courses such as Mechanical, Production, Civil, Electrical, Chemical, Textile, Marine, Aeronautical and Allied Courses shall require an Additional Laboratory/ Workshop.

Drawing Halls, Computer Centres and Workshops to be created as given below:

Approved Intake	Computer Centre	Workshop	Drawing Hall
Up to 600	1	1	1
601-1200	2	2	2

Infrastructure Requirement shall be calculated on pro rata basis for "Approved Intake" greater than 1200

Additional Laboratories to be created (if required) as per Curriculum of the concerned affiliating University.

Under Graduate Laboratories, if shared with Post Graduate Courses shall be upgraded to meet requirements of Post Graduate Curriculum.

The Institution shall have one Smart Class Room/ Course with LCD projector, Smart Board, Internet Connection, etc.

Institutions shall have facilities for conducting online classes (Theory and Practical)

Seminar Hall shall have proper furnishing and equipment such as LCD projector, Smart Board, PA system and Executive Chairs.

Institutions shall have MOOCs Facility Centre and Innovation/ Fab Laboratory.