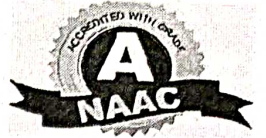




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## CONSOLIDATED LIST OF PHYSICAL FACILITIES:

S.NO.	DEPARTMENT	CLASS ROOMS
1.	CIVIL	04
2.	CSE	08
3.	ECE	08
4.	H&S	10
5.	MECH	03
6.	CSE-ALLIED	12
	<b>TOTAL</b>	<b>45</b>

## LABORATORY:

S.NO	DEPARTMENT	NO. OF LABS
1.	CIVIL	09
2.	CSE	09
3.	ECE	11
4.	H&S	10
5.	MECH	11
6.	CSE-ALLIED	05
	<b>TOTAL</b>	<b>55</b>

## SEMINAR HALLS:

S.NO.	DEPARTMENT	SEMINAR HALL
1.	CSE	1
2.	ECE	1
3.	CSE-ALLIED	1
4.	MECH/CIVIL	1
5.	H&S	1
	<b>TOTAL</b>	<b>5</b>

  
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## 4.1 PHYSICAL FACILITIES

4.1.1. The institution has adequate facilities for teaching-learning. Viz., Class rooms, Laboratories, Computing equipment.

### DETAILS OF THE FACILITIES AVAILABLE:

#### CLASS ROOM DETAILS:

AVNIET had 45 class rooms and tutorials which are well-furnished, well ventilated and spacious for conducting theory classes. All the classrooms are ergonomically designed so that proper ventilation, lighting is provided with good acoustics.

All the classrooms of individual departments are at close proximity in order to have better access to the students.

The class rooms are smart classes provided with projectors, screens, fans and LAN cables.

#### • DETAILS OF CLASS ROOMS WITH ROOM NUMBER:

S.NO	UG/PG	NAME OF CLASS ROOMS	ROOM NO.	AREA IN SQ.FT.
CIVIL ENGINEERING DEPARTMENT				
1	UG	II-CIVIL	C-108	864
2		III-CIVIL	C-109	864
3		IV- CIVIL-A	C-110	864
4		IV- CIVIL-B	C-204	864
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING				
1	UG	II-CSE-A	B-304	864
2		II- CSE-B	B-303	864
3		II-CSE-C	B-302	864
4		III- CSE-A	B-104	864
5		III- CSE-B	B-103	864
6		III-CSE-C	B-102	864
7		IV- CSE-A	B-107	864
8		IV- CSE-B	B-106	864
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING				
1	UG	II-ECE-A	B-306	864
2		II- ECE-B	B-307	864
3		III- ECE-A	B-206	864
4		III- ECE-B	B-207	864
5		IV- ECE-A	B-204	864
6		IV- ECE-B	B-203	864
7		CLASS ROOM	B-301/A	753
8		CLASS ROOM	B-202	864





DEPARTMENT OF HUMANITIES AND SCIENCES				AREA IN SQ.FT
1	UG	I-ECE-B	A-102	864
2		I-ECE-A	A-103	864
3		I-CSE-DS	A-104	864
4		I-CSE-CS	A-105	864
5		I-CSE-C	A-106	864
6		I-CSE-B	A-108	864
7		I-CSE-A	A-109	864
8		I-CSE-AI&ML-A	C-201	864
9		I-CE&ME	C-202	864
10		I-CSE-AI&ML-B	C-203	864
DEPARTMENT OF MECHANICAL ENGINEERING				
1	UG	II-MECH	C-208	864
2		III-MECH	C-209	864
3		IV-MECH	C-211	864
CSE ALLIED BRANCHES				
1	UG	II-CSE-AI&ML-A	C-401	864
2		II-CSE-AI&ML-B	C-402	864
3		II-CSE-CS	C-404	864
4		II-CSE-DS	C-403	864
5		III-CSE-AI&ML	C-409	864
6		III-CSE-CS	C-405	864
7		III-CSE-DS	C-408	864
8		CLASS ROOM	C-304	864
9		CLASS ROOM	C-305	864
10		CLASS ROOM	C-503	432
11		CLASS ROOM	C-504	432
12		CLASS ROOM	C-406	864



• Cells/R&D/IQAC/IIC/Clubs/GYM in D-block:

S.NO	NAME OF ROOM	ROOM NO	AREA SQ.FT
1	Health Center	D-001	600
2	Physical Director Room	D-002	100
3	Boy's waiting Hall	D-003	600
4	GYM	D-004	3024
4	IQAC	D-101	150
5	IIC	D-102	150
6	Cultural Club	D-103	400
7	Ladies Indoor Games	D-104	600
8	Ladies Waiting Hall	D-105/B	360
9	Women Empowerment/Protection Cell	D-105/A	120
10	R&D Center	D-106	900
11	Incubation Center-II	D-107	960
12	R&D Board Room	D-108	300
13	R&D Coordinator	D-109	120
14	Tech Drive	D-201/B	440
15	Staff Room	D-203	300
16	NSS Room	D-204	738

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**DETAILS OF LABORATORIES:**

S.NO	UG/PG	NAME OF LAB	ROOM NUMBER	AREA IN SQ.FT
DEPARTMENT OF CIVIL ENGINEERING				
1	C-101	Environmental Engineering lab	UG	864
2	C-102	Geotechnical Engineering Lab	UG	864
3	C-103	Concrete Technology Lab	UG	864
4	C-104	Surveying Lab	UG	864
5	C-105	Advanced Concrete Technology Lab	PG	864
6	C-106	Transportation Engineering lab	UG	864
7	C-111	Engineering Geology lab	UG	864
8	C-112	Advanced Structural Engineering Lab	UG	641.66
		Department Library	UG/PG	
9	C-205	Computer Aided Civil Engineering Drawing	UG	864
		Computer Aided Design Lab	UG	
		Numerical Analysis Lab	PG	
		Structural Design Lab	PG	
DEPARTMENT COMPUTER SCIENCE AND ENGINEERING				
1	A-110/C	Data Structures Lab	UG	864
		C++ Lab	UG	
		Data Base Management Lab	UG	
2	A-201/A	Programming for Problem Solving Lab	UG	1296





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3	A-201/B	Programming for Problem Solving Lab	UG	1296
4	A-401	IT Work Shop Lab	UG	864
5	B-108/A	Cryptography & Network Security Lab	UG	864
		Scripting Languages Lab	UG	
6	B-108/B	Operating Systems Lab	UG	864
		Computer Networks & Web Technologies Lab	UG	
		Compiler Design Lab	UG	
7	B-108/C	Java Programming Lab	UG	864
		Software Engineering Lab	UG	
8	B-402/A	Advanced Data Structures Lab	PG	432
		Advanced Algorithms Lab	PG	
9	B-402/B	Machine Learning Lab	PG	864
		Data Science Lab	PG	

## DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

1	B-201/A	Digital Signal Processing Lab	UG	1076
		Basic Simulation Lab		
2	B-201/B	Electronic Circuit Analysis Lab	UG	753
		Analog & Digital Electronics Lab		
3	B-201/C	Analog& Digital Communications Lab	UG	753
4	B-208/A	Electronic Devices & Circuits Lab	UG	1076
5	B-208/B	IC Applications Lab	UG	753
6	B-208/C	RTL Simulation & Synthesis with PLD'S Lab	PG	753
		Analog & Digital CMOS VLSI Design Lab	UG	
		e-CAD Lab		
		Microcontrollers & Programmable Digital Signal Processors Lab	PG	
		Design with Embedded Linux Lab		



7	B-301/B	Project Lab	UG	753
8	B-301/C	Microwave Engineering & Optical Communications Lab	UG	753
9	B-308/A	Microprocessors & Microcontrollers Lab	UG	753
10	B-308/B	Digital System Design Lab	UG	753
11	B-308/C	Basic Electrical Engineering Lab	UG	753
<b>DEPARTMENT OF HUMANITIES &amp; SCIENCES</b>				
1	A-301/A	English Language & Communications Skills (ELCS) Lab	UG	864
2	A-301/B	Advanced Communication Skills (ACS) Lab	UG	864
3	A-301/C	Activity Lab	UG	864
4	A-303	Engineering Chemistry Lab-I	UG	864
5	C-101	Engineering Chemistry Lab-II	UG	864
6	A-304/A	Applied Physics Lab-I	UG	864
7	A-304/B	Applied Physics Lab-II	UG	864
8	A-304/C	ACS Activity Lab	UG	864
9	A-101/A	Basic Electrical Engineering (BEE) Lab-I	UG	1296
10	A-101/B	Basic Electrical Engineering (BEE) Lab-II	UG	1296
<b>DEPARTMENT OF MECHANICAL ENGINEERING</b>				
1	M-101/A	Engineering Metrology Lab	UG	837
		Automation Lab	PG	
2	M-101/B	Machine Tools Lab	UG	1554
3	M-102/A	Kinematics & Dynamics Lab	UG	1044
4	M-102/B	Metallurgy & Material Science Lab	UG	1101
		Mechanics of Solids Lab	UG	



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5	M-103	Engineering Workshop	UG	2412
6	M-104/A	Instrumentation & Control System Lab	UG	947
7	M-104/B	Production Lab	UG	1523
8	M-105	Fluid Mechanics & Hydraulic Machines Lab	UG	1998
9	M-106/A	Heat Transfer Lab	UG	945
10	M-106/B	Thermal Engineering Lab	UG	1533
11	C-206	CAD & CAM Lab	UG	864
		Advanced CAD/CAM Lab	PG	
		Simulation of Manufacturing Systems Lab		

DEPARTMENT OF CSE ALLIED BRANCHES				Area in SQ.FT
1	A-110/A	Database Management Systems Lab	UG	864
		Computer Networks Lab	UG	
2	A-110/B	Data Structures Lab	UG	864
3	C-301	Operating Systems Lab	UG	864
		Java Programming Lab	UG	
		Cryptography & Network Security Lab	UG	
4	C-302	Internet Center	UG	864
5	C-303	Python Programming Lab	UG	864
		Machine Learning Lab	UG	
		Data Mining Lab	UG	





- **SPECIALIZED FACILITIES AND EQUIPMENTS FOR TEACHING, LEARNING AND RESEARCH:**

Apart from central library, Each Department is having separate department library with good collection of text books.

E-learning facility is provided which covers a wide set of applications and process, including computer based learning and virtual classrooms.

Digital library is accessible on LAN which gives lot of information regarding the course material.

*P. V. S. J.*

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