

Mandatory Disclosure

1. Name of the Institution

Kamla Nehru Institute of Physical and Social Sciences
Faridipur Campus
Sultanpur-228119
Ph: 05362-253535
Email id:knipssenggsln@gmail.com

2. Name and Address of the Trust/ Society/ Company and the Trustees

Kamla Nehru Memorial Trust
01, Moti Mahal Marg, Opposite SBI Main Branch, Hazratganj,
Lucknow (UP)-226001
Ph: 05362-2241733
Email id:knmtsln@gmail.com

3. Name and Address of the Director

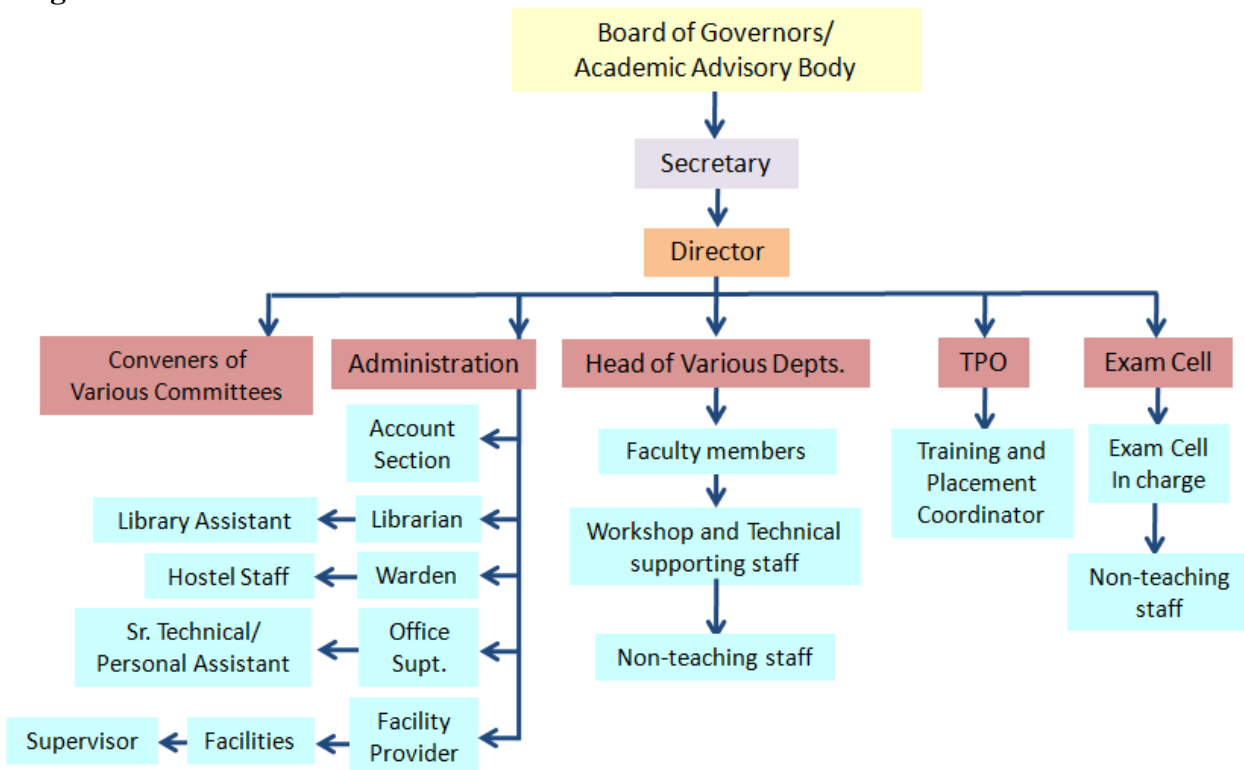
Prof. (Dr.) Devendra Singh Pundir
Director
Kamla Nehru Institute of Physical and Social Sciences
Faridipur Campus
Sultanpur-228119
Ph: 05362-253535
Email id:knipssenggsln@gmail.com, drpundir@hotmail.com

4. Name of the Affiliating University

Dr. A. P. J. Abdul Kalam Technical University (AKTU), Lucknow, UP
Board of Technical Education (BTE), Lucknow, UP

5. Governance

5.1 Organizational Chart



5.2 Grievance Redressal mechanism for Faculty, staff and students

All the stakeholders of the institute (organization) are involved by means of faculty present interface at times of need, and they work towards attaining the vision of the institution. Their participation and assistance in devising and implementing decision making policies for academic and administrative affairs through various bodies and committees have contributed to the development of the Institute. Student Feedback on Institutional Governance/Faculty performance is taken to provide a continuous support to the students for their all-round development as well as to improve the teaching learning process the institute has well-established Student Feedback System.

5.3 Establishment of Anti Ragging Committee

S.N	Faculty Name	Department	Designation
1	Prof.(Dr) D S Pundhir	Institute	Director/ Chairperson
2	Mr. Ratnesh Singh	Applied Sciences	Member
3	Dr. Sarab Preet Singh	Applied Sciences	Member
4	Prof.(Dr) Harsh Kumar	Computer Science and Engineering	Member
5	Dr. Vimal Kumar Gupta	Civil Engineering	Member
6	Dr. Jyoti Prakash	Mechanical Engineering	Member
7	Dr. Zeeshan Vakil	Electronics and Communication Engineering	Member
8	Dr. Ram Sagar Singh	Applied Sciences	Member
9	Miss. Greeshma Sivastava	Electronics and Communication Engineering	Member
10	Miss. Tannu Shree	Computer Science and Engineering	Member

5.4 Establishment of Online Grievance Redressal Mechanism



<http://www.knmt.org.in/btech/Feedback.html>

5.5 Details of Grievance Redressal Committee in the Institution and OMBUDSMAN by the University

S.N	Faculty Name	Department	Designation
1	Prof.(Dr) D S Pundhir	Institute	Director/ Chairperson
2	Mr. Ratnesh Singh	Applied Sciences	Member
3	Mr. Rajesh Kumar Dubey	Applied Sciences	Member
4	Mr. Rahul Shukla	Mechanical Engineering	Member
5	Miss. Greeshma Srivastava	Electronics and Communication Engineering	Member
6	Mr. Hari Krishna Mishra	Computer Science and Engineering	Member
7	Mr. Akhand Pratap Singh	Applied Sciences	Member
8	OMBUDSMAN-To be nominated by University		

5.6 Establishment of Internal Committee (IC)

S.N	Faculty Name	Department	Designation
1	Prof.(Dr) D S Pundhir	Institute	Director/ Chairperson
2	Dr. Sarab Preet Singh	Applied Sciences	Member
3	Dr. Jyoti Prakash	Mechanical Engineering	Member
4	Dr. Ram Sagar Singh	Applied Sciences	Member
5	Dr. Harsh Kumar	Computer Science and Engineering	Member
6	Dr. Vimal Kumar Gupta	Civil Engineering	Member
7	Dr. Zeeshan Vakil	Electronics and Communication Engineering	Member
8	Mr. Raghvendra Tripathi	Humanities	Member

5.7 Establishment of Committee for SC/ST

S.N	Faculty Name	Department	Designation
1	Prof.(Dr) D S Pundhir	Institute	Director/ Chairperson
2	Mr. Ashish Kumar	Civil Engineering	Member
3	Mr. Dhananjay Kumar	Mechanical Engineering	Member
4	Mr. Anil Kumar	Computer Science and Engineering	Member
5	Mr. Shaumitra Pal	Electronics and Communication Engineering	Member
6	Miss. Shubhra Upadhyay	Civil Engineering	Member
7	Mr. Naveen Kumar	Computer Science and Engineering	Member(Student)
8	Miss. Chandrawati	Civil Engineering	Member(Student)

5.8 Internal Quality Assurance Cell

S.N	Faculty Name	Department	Designation
1	Prof.(Dr.) D S Pundhir	Institute	Chairperson
2	Mr. Ratnesh Singh	Applied Sciences	Dean Academics (Member)
3	Dr. Sarab Preet Singh	Applied Sciences	Dean R&D (Member)
4	Prof.(Dr) Harsh Kumar	Computer Science and Engineering	Member
5	Dr. N K Saxena	Civil Engineering	Member
6	Dr. Jyoti Prakash	Mechanical Engineering	Member
7	Dr. Zeeshan Vakil	Electronics and Communication Engineering	Member
8	Dr. Ram Sagar Singh	Applied Sciences	Member
9	Mr.Mahendra Pratap Singh	Administration	Member
10	Dr. Uma Kant Kulkarni	External Person	Member
11	Dr. Gyan Prakash Govil	Mechanical Engineering	Member
12	Mr. Ajay Jain	Industrialist	Member

6. Programmes

6.1 Name of the program approved by AICTE

Bachelor of Technology (Branch: CE, ME, and CSE)

Diploma in Engineering (Branch: EC & CE)

6.2 Name of the program Accredited by NBA : Not Accredited

6.3 Status of Accreditation of the Courses : Not Applicable

6.4 Total number of Courses : 5

6.5 For each Programme the following details are to be given (Preferably in Tabular form):

Name	B. Tech			Diploma in Engineering	
	CSE	ME	CE	CE	EC
Number of seats	60	60	60	60	60
Duration	4	4	4	3	3
Cut off marks/rank of admission during the last years	55%	50%	50%	50%	50%

6.6 Fee (as approved by the state government)

Bachelor of Technology (Branch: CE, ME, and CSE) – Rs. 55,000/- per year

Diploma in Engineering (Branch: EC & CE) – Rs. 30150/- per year

7. Faculty

7.1 Course/Branch wise list Faculty members:

7.2 Permanent Faculty : 69

7.3 Adjunct Faculty : NIL

7.4 Permanent Faculty: Student Ratio:

Degree Programme - 1:16

Diploma Programme - 1:15

S.N.	Course/Branch	Permanent / Adjunct	Name of Faculty	Designation	Qualification	Date of Joining
1	INSTITUTE	Permanent	Prof.(Dr) DEVENDRA SINGH PUNDIR	DIRECTOR	Ph.D	23-10-2023
2	B. Tech (Civil)	Permanent	Dr. N K SAXENA	PROFESSOR	Ph.D	30-08-2022
3	B. Tech (Civil)	Permanent	Dr. VIMAL KUMAR GUPTA	ASSOCIATE PROFESSOR	Ph.D	31-07-2022
4	B. Tech (Civil)	Permanent	Mr. GAURAV PANDEY	ASST PROFESSOR	M.Tech	28-08-2023
5	B. Tech (Civil)	Permanent	Mr. KASEEM AHMAD	ASST PROFESSOR	M.Tech	10-02-2015
6	B. Tech (Civil)	Permanent	Mr. ANAND PRATAP SINGH	ASST PROFESSOR	M.Tech	28-01-2020
7	B. Tech (Civil)	Permanent	Mr. KANHAEYALAL	ASST PROFESSOR	M.Tech	25-02-2023
8	B. Tech (Civil)	Permanent	Miss. ANAMIKA DUBEY	ASST PROFESSOR	M.Tech	07-09-2022
9	B. Tech (Civil)	Permanent	Mr. PRADEP KUMAR DWIVEDI	ASST PROFESSOR	M.Tech	27-08-2012
10	B. Tech (Civil)	Permanent	Mr. VINOD KUMAR GARG	ASST PROFESSOR	M.Tech	22-07-2020
11	Diploma (Civil)	Permanent	Mr. MOHAMMAD PARVEJ	ASST PROFESSOR	M.Tech	28-08-2023
12	Diploma (Civil)	Permanent	Mr. SAINUDDIN	ASST PROFESSOR	M.Tech	01-02-2013
13	B. Tech (Civil)	Permanent	Mr. SAKSHAM SRIVASTAVA	ASST PROFESSOR	M.Tech	28-08-2023
14	Diploma (Civil)	Permanent	Miss. SHUBHRA UPADHYAY	LECTURER	B.Tech	08-11-2021
15	Diploma (Civil)	Permanent	Mr. PRANJUL GUPTA	LECTURER	B.Tech	28-08-2023
16	Diploma (Civil)	Permanent	Mr. ASHISH BAUDH	LECTURER	B.Tech	22-07-2021
17	Electronics Engg.	Permanent	Dr. ZEESHAN VAKIL	ASSOCIATE PROFESSOR	Ph.D	22-08-2022
18	Electronics Engg.	Permanent	Prof. RAMAPATI MISHRA	PROFESSOR	Ph.D	28-08-2023
19	Electronics Engg.	Permanent	Mr. PRIYA KEERTI TRIPATHI	ASST PROFESSOR	M.Tech	25-07-2019
20	Electronics Engg.	Permanent	Miss. GREESHMA SRIVASTAVA	ASST PROFESSOR	M.Tech	02-08-2017
21	Electronics Engg.	Permanent	Mr.KAUSTUBH SRIVASTAVA	LECTURER	M.Tech	01-08-2016
22	Electronics Engg.	Permanent	Mr. ABDUL FAHAD	LECTURER	M.Tech	25-07-2019
23	Electronics Engg.	Permanent	Mr. ANURAG TRIPATHI	LECTURER	M.Tech	28-08-2023

24	Electronics Engg.	Permanent	Mr. SAUMITRA PAL	LECTURER	M.Tech	19-07-2021
25	Electronics Engg.	Permanent	Mr. DIVYA PRAKASH	LECTURER	M.Tech	22-07-2021
26	B. Tech (Mechanical)	Permanent	Dr.JYOTI PRAKASH	ASSOCIATE PROFESSOR	Ph.D	31-07-2020
27	B. Tech (Mechanical)	Permanent	Dr. KALI CHARAN YADAV	PROFESSOR	Ph.D	28-08-2022
28	B. Tech (Mechanical)	Permanent	Dr. DEO NARAYAN SRIVATAVA	PROFESSOR	Ph.D	31-08-2022
29	B. Tech (Mechanical)	Permanent	Mr. RAHUL SHUKLA	ASST PROFESSOR	M.Tech	28-02-2022
30	B. Tech (Mechanical)	Permanent	Mr. VIVEK KUMAR SINGH	ASST PROFESSOR	M.Tech	21-09-2022
31	B. Tech (Mechanical)	Permanent	Mr. ARPIT SAMANT	ASST PROFESSOR	M.Tech	25-04-2022
32	B. Tech (Mechanical)	Permanent	Mr. SHASHANK GAUR	ASST PROFESSOR	M.Tech	28-08-2023
33	B. Tech (Mechanical)	Permanent	Mr.DHANANJAY KUMAR	ASST PROFESSOR	M.Tech	30-08-2022
34	B. Tech (Mechanical)	Permanent	Mr. SHUBHAM MISHRA	ASST PROFESSOR	M.Tech	31-07-2022
35	B. Tech (Mechanical)	Permanent	Miss. FAUZIYA ANJUM	ASST PROFESSOR	M.Tech	31-07-2022
36	B. Tech (Mechanical)	Permanent	Mr.PUSPENDRA KUMAR	ASST PROFESSOR	M.Tech	31-07-2021
37	B. Tech (Mechanical)	Permanent	Mr. SHIVAKAR PRASAD	ASST PROFESSOR	M.Tech	31-07-2021
38	B. Tech (Mechanical)	Permanent	Mr. HARIDARSHAN RAM	ASST PROFESSOR	M.Tech	30-07-2020
39	B. Tech (Mechanical)	Permanent	Mr. AJAY KUMAR SINGH	LECTURER	B.Tech	01-07-2011
40	B. Tech (Computer Science and Engg.)	Permanent	Dr. HARSH KUMAR	PROFESSOR	Ph.D	28-08-2023
41	B. Tech (Computer Science and Engg.)	Permanent	Dr. KAVITA SRIVASTAVA	ASST PROFESSOR	Ph.D	28-08-2023
42	B. Tech (Computer Science and Engg.)	Permanent	Dr. RAVINDRA KUMAR VISHWAKARMA	ASSOCIATE PROFESSOR	Ph.D	28-08-2022
43	B. Tech (Computer Science and Engg.)	Permanent	Mr. HARIKRISHNA MISHRA	ASST PROFESSOR	M.Tech	28-08-2023
44	B. Tech (Computer Science and Engg.)	Permanent	Mr. SUSHIL KUMAR YADAV	ASST PROFESSOR	M.Tech	22-07-2013
45	B. Tech (Computer Science and Engg.)	Permanent	Mr. NAGENDRA KUMAR PANDEY	ASST PROFESSOR	M.Tech	10-09-2008
46	B. Tech (Computer Science and Engg.)	Permanent	Mr. JAYCHAND	ASST PROFESSOR	M.Tech	07-10-2022

47	B. Tech (Computer Science and Engg.)	Permanent	Mr. ANIL KUMAR	ASST PROFESSOR	M.Tech	28-08-2021
48	B. Tech (Computer Science and Engg.)	Permanent	Miss. SHREE TANNU	ASST PROFESSOR	M.Tech	28-08-2023
49	B. Tech (Computer Science and Engg.)	Permanent	Mrs. JYOTI YADAV	ASST PROFESSOR	M.Tech	06-09-2023
50	B. Tech (Computer Science and Engg.)	Permanent	Miss. PRIYANKA VISHWAKARMA	ASST PROFESSOR	M.Tech	28-08-2023
51	B. Tech (Computer Science and Engg.)	Permanent	Mr. AVINASH PANDEY	ASST PROFESSOR	M.Tech	22-07-2020
52	B. Tech (Computer Science and Engg.)	Permanent	Mr. VIVEK SRIVASTAVA	ASST PROFESSOR	M.Tech	31-07-2020
53	B. Tech (Computer Science and Engg.)	Permanent	Mr. FAIZY AKHTAR	ASST PROFESSOR	M.Tech	31-07-2020
54	B. Tech (Computer Science and Engg.)	Permanent	Mr. BASANT KUMAR VISHWAKARMA	ASST PROFESSOR	M.Tech	31-07-2020
55	B. Tech (Computer Science and Engg.)	Permanent	Mr. ASHISH SRIVASTAVA	ASST PROFESSOR	MCA	31-07-2020
56	B. Tech (Computer Science and Engg.)	Permanent	Miss. ANCHAL KANODIA	ASST PROFESSOR	MCA	31-07-2020
57	B. Tech (Computer Science and Engg.)	Permanent	Miss. HARSHITA GUPTA	LECTURER	B.Tech	28-08-2023
58	Applied Sciences(Maths)	Permanent	Dr. RAM SAGAR SINGH	ASSOCIATE PROFESSOR	Ph.D	31-07-2020
59	Applied Sciences(Physics)	Permanent	Dr. SARAB PREET SINGH	ASSOCIATE PROFESSOR	Ph.D	10-08-2019
60	Applied Sciences(Chemistry)	Permanent	Dr. SARAS PRAKASH SINGH	ASST PROFESSOR	Ph.D	28-08-2023
61	Applied Sciences(Maths)	Permanent	Mr. RATNESH SINGH	ASST PROFESSOR	M.Sc.	26-06-2009
62	Applied Sciences(English)	Permanent	Mr. RAJESH KUMAR DUBEY	ASST PROFESSOR	M.Sc.	08-10-2010
63	Humanities	Permanent	Mr. RAGHVENDRA TRIPATHI	ASST PROFESSOR	MBA	16-08-2010
64	Applied Sciences(English)	Permanent	Mr. AMI SRIVASTAVA	ASST PROFESSOR	M.A	10-08-2015
65	Applied Sciences(Maths)	Permanent	Mr. JAY RAKASH MISHRA	ASST PROFESSOR	M.Sc.	07-08-2012
66	Applied Sciences(Maths)	Permanent	Mr. AKHAND PRATAP SINGH	Lecturer	M.Sc.	06-08-2015
67	Applied Sciences(Physics)	Permanent	Miss. STUTI SINGH	Lecturer	M.Sc.	27-09-2021
68	Applied Sciences(Chemistry)	Permanent	Mr. ANMOL SINGH	Lecturer	M.Sc.	15-12-2021
69	Applied Sciences(English)	Permanent	Mr. MANOJ BHARGAVA	Lecturer	M.A	22-07-2019

8. Profile of Vice Chancellor/Director/Principal/Faculty

- 8.1 Name :** Prof. (Dr.) Devendra Singh Pundir
- 8.2 Date of Birth:** 02/01/1963
- 8.3 Unique ID:** (PAN - AHAPP2198R)
- 8.4 Education Qualifications:** Ph.D
- 8.5 Work Experience:** 32
- 8.6 Teaching/ Research/ Industry/ Others:**
- 8.7 Area of Specialization:** Mechanical Engineering
- 8.8 Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level**
- 8.9 Research guidance (Number of Students)**
- 8.10 No. of papers published in National/International Journals/Conferences :** 26
- 8.11 Master (Completed/Ongoing)**
- 8.12 Ph.D. (Completed/Ongoing)**
- 8.13 Projects Carried out:** 15
- 8.14 Patents (Filed & Granted):** 4
- 8.15 Technology Transfer**
- 8.16 Research Publications (No. of papers published in National/International Journals/Conferences) :** 44
- 8.17 No. of Books published with details (Name of the book, Publisher with ISBN, year of publication, etc. 12**

9. Fee

No. of Fee waivers granted with amount and name of students:

Session	Name of Students	Amount per year per student
2023-24	Varsh Prajapati Abhinav Shukla	Rs. 20,000/- + Exam Fee
2022-23	Anoop Yadav Yashi Varshney	Rs. 20,000/- + Exam Fee
2021-22	Anamika Tripathi Mohd. Affan	Rs. 20,000/- + Exam Fee

10. Admission

10.1 Number of seats sanctioned with the year of approval : 300

10.2 Number of Students admitted under various categories each year in the last three years

Course	Approved Intake	Session		
		2023-24	2022-23	2021-22
B. Tech (CSE)	60	65	65	61
B. Tech (ME)	60	36	33	22
B. Tech (CE)	60	19	22	22
Diploma (CE)	60	31	56	63
Diploma (ECE)	60	30	64	45

10.3 Number of applications received during last year for admission under Management Quota and number admitted

Course	Session		
	2023-24	2022-23	2021-22
B. Tech (CSE)	20	15	17
B. Tech (ME)	03	0	0
B. Tech (CE)	01	0	0
Diploma (CE)	NA	NA	NA
Diploma (ECE)	NA	NA	NA

11. Admission Procedure

11.1 Mention the admission test being followed, name and address of the Test Agency/State Admission Authorities and its URL (website)

B.Tech: JEE Mains

Diploma: Joint Entrance Examination Council (Polytechnic), Uttar Pradesh (JEECUP), web-<https://jeecup.nic.in>

B.Tech: 51 (out of 60), in each branch

Diploma: 60 in each branch

11.2 Calendar for admission against Management quota seats:

S. No	Particulars	Details
1	Last date for request for applications	As directed by AKTU and BTE for B.Tech and Diploma courses, respectively.
2	Last date for submission of applications	
3	Dates for Group Discussion(GD)/ Interviews	
4	Date for announcing final results	
	Release of Admission List (main list and waiting list should be announced on the same day)	
5	Date of acceptance by the candidate (time given should in no Case be less than 15 days)	
6	Last date for closing of admission-	
7	Starting of the academic session	
8	The waiting list should be activated only on the expiry of the date of the main list.	
9	The policy of refund of fee, in case of withdrawal, shall be clearly notified	

12. Criteria and Weightages for Admission

S. No	Particulars	Details
1	Describe each criterion with its respective weightages i.e. Admission Test, marks in qualifying examination etc.	Controlled by AKTU and BTE for B.Tech and Diploma courses, respectively.
2	Mention the minimum level of acceptance, if any.	
3	Mention the cut-off levels of percentage and percentile score of the candidates in the admission test for the last three years(section-wise and /or total as case may be)	
4	Candidates in the admission test who are called for GD/ interview.	
5	Display marks scored in Test, GD, and Interview etc.and in aggregate for all candidates who come for GD/interview etc.	

13. Results of Admission

- Composition of evaluation team with the brief profiles of members (This information be made available in the public domain after the admission process is over) --**Governed by AKTU.**
- Scores of the individual candidates called for Group Discussion and Interview in each of the components including the test and in total, arranged in order of merit --**Available with AKTU only.**
- List of candidates who have been offered admission in each category --**Available with AKTU only.**
- Waiting list of candidates in order of merit to be operative from the last date of joining of the first list candidates, category wise ---**Available with AKTU only.**

14. Information of Infrastructure and Other Resources Available

S. No	Particulars	Details
1	Number of Class Rooms and size of each	16 (70 m ²)
2	Number of Tutorial rooms and size of each	4 (33 m ²)
3	Number of Laboratories and size of each	35 (66 m ²)
4	Number of Computer Centres with capacity of each	1 (200 pc)
5	Central Examination Facility, Number of rooms and capacity of each	Yes
6	Online examination facility (Number of Nodes, Internet band width, etc.)	Yes (150 Node, 100Mbps)
7	Barrier Free Built Environment for disabled and elderly persons	Yes
8	Fire and Safety Certificate	Yes
9	Hostel Facilities	Girls Hostel Number of rooms: 25 Hostel Capacity: 50 Boys Hostel Number of rooms: 63 Hostel Capacity: 140
10	Number of Library books/ebooks/Titles/Journals available (Programme-wise)	<ul style="list-style-type: none"> • Number of Books: 20520 • Number of Titles: 2963 • Number of Journals: 26 • No. of e-Book Titles- UG: 530 • No. of e-Book Volumes- UG: 530 • No. of e-Book Titles- Diploma: 193 • No. of e-Book Volumes- Diploma: 193 • E-Library: available
11	List of online National/International Journals subscribed	Yes
12	National Digital Library (NDL) subscription details	Yes
13	List of Major Equipment/Facilities in each Laboratory/Workshop	Yes (Annexure -1)
14	List of Experimental Setup in each Laboratory/Workshop	Yes (Annexure -2)
15	Innovation Cell	Yes
16	Social Media Cell	Yes
17	Compliance of the Academic Bank of Credit (ABC), applicable to PGCM/ PGDM Institutions and University Departments	NA

18	To upload the respective short video (1-2 min) of Infrastructure and facilities available w.r.t the courses in the website	Uploaded
19	Games and Sports Facilities	Yes
20	Teaching Learning Process	Yes

15. Placement details of students in the last 3years

	2022-23	2021-22	2020-21
B. Tech (CSE)	40	30	28
B. Tech (ME)	12	10	08
B. Tech (CE)	15	8	12
Diploma (CE)	40	30	42
Diploma (ECE)	23	25	33

16. List of Research Projects/Consultancy Works : NIL

17. MoUs with Industries : FIVE

Annexure -1

List of Major Equipment/Facilities in each Laboratory/Workshop

DEPARTMENT: HUMANITIES AND APPLIED SCIENCE

Chemistry Lab

S. No.	Name of Particular	Quantity
1.	Analytical balance	1
2.	Single pan balance	1
3.	Water deionizer	1
4.	water bath	1
5.	digital pH meter	1
6.	Beaker 1lt	6
7.	digital colorimeter	1
8.	heating mantle	1
9.	Beaker, 250ml	30
10.	Beaker, 100ml	30
11.	digital conductivity meter	1
12.	Beaker 500ml	30
13.	Buurette 50ml	30
14.	Beaker 2lt	6
15.	oven	1
16.	Bottle relative density	30
17.	Bottle weighing(25ml)	30
18.	Bottle dropping	12
19.	Bottle weighing(5ml)	30
20.	Measuring cylinder(100ml)	20
21.	Measuring cylinder(50ml)	30
22.	Measuring cylinder(25ml)	20
23.	Measuring cylinder(10ml)	20
24.	Bottle reagent(125ml)	4
25.	Bottle reagent(250ml)	4
26.	mortar pestle 6"	6
27.	pipette 25ml	30
28.	Test tube brush	1 Doz
29.	Pipette(10ml)	30
30.	Pipette(5ml)	30
31.	Winchester bottle	4
32.	Glass rod	40

33.	Dessicator 6"	19
34.	China dish3"	24
35.	Burette	30
36.	Burette stand	24
37.	Clamp	30
38.	Beaker	2
39.	Funnel3"	12
40.	Measuring cylinder	6
41.	Rubber tube 8mm	1
42.	spirit lamp	24
43.	Spatula 6"	24
44.	Tripod stand 8"	36
45.	Test tube	12
46.	Tonge 6"	24
47.	Wash bottle	24
48.	Wire Gauge	2 doz
49.	Glass beads	500g
50.	Gas cylinder	2
51.	Rubber gloves	1pair
52.	Vol. flask 1ltr	6
53.	weight box	12
54.	weighing tube	1box
55.	frac. Weight box	1Doz
56.	Funnel	24
57.	Cylinder pigtail	2
58.	hp regulator	1
59.	hp distributor4way	12
60.	Quickshut valve1/2	1
61.	Quickshut valve1/4	4
62.	Burner bunes	48
63.	Clamp	6
64.	Cylinder pigtail	2
65.	hp regulator	1
66.	hp distributor4way	12
67.	Quickshut valve1/2	1
68.	Quickshut valve1/4	4
69.	Burette	30
70.	Stop watch	1
71.	manifold valve	1
72.	Ms tee1/2x1/4	3
73.	Ms tee1/4x1/4	8
74.	Ms Elbow1/2"	12
75.	Ms Elbow1/2"	8
76.	Ms bush1/2"	1
77.	Measuring cyl 1ltr	6

78.	Boric acid	3
79.	funnel7.5cm	24
80.	pipette10ml	36
81.	Pipette 1ml	30
82.	Test tube holder	2 doz
83.	Individual control	12
84.	Iron metal	1
85.	Non return valve	2
86.	Non return control	4
87.	Needle valve	48
88.	Burette 50ml.	20
89.	beaker250 ml	20
90.	beaker500 ml	2
91.	Refrigerator	1
92.	Hand gloves	3
93.	Graphite structure	1
94.	Diamond structure	11
1.	Ph Glass Electrode	1
2.	Rubber Bulb	15
3.	Stalgnometer	20
4.	Thermometer	2
5.	Viscometer	10
6.	Muffle Furnace	1

Consumables

S. No.	Article	Quantity	Balance
1.	Acetic Acid	2	NIL
2.	Ammonia Solution	1	NIL
3.	Acetone	1	NIL
4.	Ammonium Chloride	1	NIL
5.	Ammonium Ferrous Sulphate	4	NIL
6.	Acetanilide	4	4
7.	Ammonium Ceric Nitrate	1	NIL
8.	Ammonium Molybdate	1	1
9.	Ammonium Chloride	1	NIL
10.	Single Pan Balance	1	1
11.	Water Deionizer	1	1
12.	Water Bath	1	1
13.	Digital Ph Meter	1	1
14.	Digital Colorimeter	1	1
15.	Heating Mantle	1	1
16.	Digital Conductivity Meter	1	1

17.	Oven	1	1
18.	Digital Spectrophotometer	1	1
19.	LPG Manifold	1	1
20.	LPG Pipe Line	22 Meter	
21.	LPG Stainless Steel Cup		
22.	Liquor Ammonia	1	NIL
23.	Litmus Blue	10	8
24.	Lead Acetate	1	NIL
25.	Labolene	1	NIL
26.	Adaptor	2	B
27.	Bull Nose	2	
28.	Burner Digital	1	
29.	Burner Bunes	48	
30.	Benedict Solution	1	1
31.	Benzoic Acid	1	1
32.	B-Naphthol	2	2
33.	Bleaching Powder	2	NIL
34.	Bleaching Powder	1	NIL
35.	Clamp	6	6
36.	Chloroform	1	1
37.	Carbon Tetrachloride	1	1
38.	Copper Sulphate	1	1
39.	Calcium Chloride	1	NIL
40.	Calcium Sulphate	2	Nil
41.	Copper Metal	1	1
42.	Cylinder Pigtail	2	
43.	Hp Regulator	1	
44.	Hp Distributer4way	12	
45.	HCL	1	Nil
46.	Hydroxyl NH4Cl	1	Nil
47.	Hydrogen Peroxide	1	1
48.	HCL	1	Nil
49.	Rubber Tube	36m	
50.	Quick shut Valve1/2	1	
51.	Quick shut Valve1/4	4	
52.	Kmno4		
53.	Phenol Crystal	4	NIL
54.	K4[Fe(CN)6		1
55.	KOH		NIL
56.	KCL		NIL
57.	Phenolphthalien		NIL

58.	KI	2	NIL
59.	K ₂ Cr ₂ O ₇		NIL
60.	K ₃ [Fe(CN) ₆		NIL
61.	K ₂ cro ₄		NIL
62.	P-Dichlorobenzene	1	1
63.	Output Brass1/2	1	1
64.	Oxalic Acid	1	1
65.	Beaker, 100ml	30	30
66.	Beaker, 250ml	30	30
67.	Beaker 500ml	30	30
68.	Beaker 1lt	6	6
69.	Beaker 2lt	6	6
70.	Buurette50ml	30	30
71.	Burette	30	30
72.	Boric Acid	3	3
73.	Bottle Dropping	12	8
74.	Bottle Relative Density	30	30
75.	Bottle Weighing(25ml)	30	20
76.	Bottle Weighing(5ml)	30	25
77.	Bottle Reagent(125ml)	4	4
78.	Bottle Reagent(250ml)	4	4
79.	Measuring Cylinder(100ml)	20	8
80.	Measuring Cylinder(50ml)	30	NIL
81.	Measuring Cylinder(25ml)	20	NIL
82.	Measuring Cylinder(10ml)	20	6
83.	Dropper 6 Inch	1Doz.	8
84.	Conical Flask(100ml)	36	NIL
85.	Conical Flask(250ml)	20	5
86.	Stalgometer	25	25
87.	Volumetric Flk100ml		
88.	Volumetric Flk250ml	30	6
89.	Volumetric Flk500ml	12	6
90.	Volumetric Flk1000ml	12	12
91.	Volumetric Flk2l	2	2
92.	Funnel7.5cm	24	8
93.	Ethanol Abs	4	
94.	EDTA Disodium Salt	4	NIL
95.	Erichrome Blackt	1	NIL
96.	Erichrome Blackt	1	NIL
97.	EDTA Disodium Salt	2	NIL
98.	Glass-Stirrer8"	40	25

99.	Mortar Pestle6"	6	6
100.	Pipette25ml	30	30
101.	Pipette10ml	36	NIL
102.	Polystyrene	2	1
103.	Phenolphthalein	2	NIL
104.	Potassium Di Chromate	1	NIL
105.	Potassium Thio Cynate	1	NIL
106.	Pipette(10ml)	30	15
107.	Pipette(5ml)	30	10
108.	Pipette 1ml	30	30
109.	Pipette Vol(25 ML)	20	
110.	Test Tube	2box	2box
111.	Viscometer	24	12
112.	Winchester Bottle	4	4
113.	Glass Rod	40	25
114.	Desiccator 6"	19	19
115.	China Dish3"	24	24
116.	Burette	30	12
117.	Burette Stand	24	24
118.	Clamp		
119.	Beaker	2	2
120.	Funnel3"	12	12
121.	Measuring Cylinder	6	3
122.	Rubber Tube 8mm	1	1
123.	Spirit Lamp	24	24
124.	Spatula 6"	24	24
125.	Tripod Stand8"	36	36
126.	Test Tube	12	12
127.	Tonge 6"	24	24
128.	Wash Bottle	24	24
129.	Wire Gauge	2 Doz	2 Doz
130.	Filter Paper	1 Rim	NIL
131.	Chem Name Sticker	1Pk	NIL
132.	Glass Beads	500g	500g
133.	Gas Cylinder	2	2
134.	Rubber Gloves	1pair	NIL
135.	Test Tube Brush	1 Doz	NIL
136.	Test Tube Holder	2 Doz	2 Doz
137.	Stop Watch	1	1
138.	Sulfuric Acid	1	NIL
139.	Sodium Bicarbonate	1	NIL

140.	Sodium Hydroxide	1	NIL
141.	Starch Sol.	2	2
142.	Solo chrome Black T	1	1
143.	Sodium Thiosulphate	1	NIL
144.	Sod. Acetatetrihydrte	1	1
145.	Sodium Carbonate	3	3
146.	Sulphanilic Acid	1	1
147.	Sodium Chloride	2	NIL
148.	Silver Nitrate	1	NIL
149.	Thiourea	2	2
150.	Toluene	1	NIL
151.	Toluene Exciter	2	NIL
152.	Sodium Nitrite	2	2
153.	Stannous Chloride	4	4
154.	Sodium Metal(1btl)	1	1 Bottle
155.	Ignition Tube	1gros	1gros
156.	Manifold Valve	1	
157.	Ms Tee1/2x1/4	3	3
158.	Ms Tee1/4x1/4	8	8
159.	Ms Elboo1/2"	12	12
160.	Ms Elboo1/2"	8	8
161.	Ms Bush1/2"	1	1
162.	Individual Control	12	
163.	Iron Metal	1	1
164.	Non Return Valve	2	
165.	Non Return Control	4	
166.	Needle Valve	48	
167.	Methanol(500ml)	1	1
168.	Murexide 5g	1	1
169.	Methyl Orange	1	NIL
170.	Methylene Blue	1	1
171.	Magnesium Suplphate	2	NIL
172.	Nitric Acid		1
173.	Mercuric Chloride	2	2
174.	Measuring Cyl 1ltr	6	4
175.	Methyl Orange	1	NIL
176.	Magnous Sulphate	1	1
177.	Distilled Water	20ltr	NIL
178.	Diamm.Hyd.O-Phos.	1	1
179.	D-Glucose	1	1
180.	Diethyl ether	1	1

181.	Vol. Flask 1ltr	6	6
182.	Weight Box	12	12
183.	Weighing Tube	1box	1box
184.	Frac. Weight Box	1Doz	1Doz
185.	Funnel	24	30
186.	Formaldehyde Sol.	1	1
187.	Ferric Chloride	1	1
188.	Ferr. Amm. Sulphate	4	NIL
189.	Fehling Sol.A	1	1
190.	Fehling Sol.B	1	1

Physics Lab

S. No.	Name of Items	Quantity
1.	Ammeter (3amp)	1
2.	Ammeter (10 Amp)	1
3.	Ammeter (3amp)	2
4.	Accumulator	3
5.	Ballistic Galvanometer	1
6.	Bi-Prism (50x40)	6
7.	Battery Eliminator 2amp	9
8.	Calculator	1
9.	Copper Voltammeter	1
10.	Convex Lenses For Nodal Slide	7
11.	Convex Lenses For Nodal Slide (20cm)	4
12.	Convex Lenses For Nodal Slide (15cm)	4
13.	Convex Lenses For Nodal Slide (10cm)	4
14.	Convex Lenses For Nodal Slide (5cm)	4
15.	Carey Fuster Bridge	1
16.	Commutator key	9
17.	Compass Box	2
18.	Compass Box	2
19.	Diffraction Grating	10
20.	Eye Piece (10x)	2
21.	Fresnels With Special Non Rusting Bench	1
22.	Galvanometer	1
23.	Jockey	3
24.	Leclanche Cell	1
25.	Helmohertz Galvanometer	1
26.	Mercury Light Source	1
27.	Morse Key	2
28.	Morse Key	1
29.	Magnifying Lens	10
30.	Meter Scale (Full)	4

31.	Meter Scale (Half)	10
32.	Mercury Lamp 80w	3
33.	Measuring Cylinder 250ml(Borosil)	4
34.	Measuring Cylinder 100ml(PVC)	2
35.	Newtons Ring Microscope	4
36.	Energy Band Gap Apparatus	1
37.	Nodal Slide Complete	1
38.	One Way Key	16
39.	Two Way Key	5
40.	Polarimeter With Physical Balance	1
41.	Polarimeter With Half Shade (With Transformer)	1
42.	Plane Mirror (With Stand) Nodal Slide	2
43.	Polarimeter (Tube)	8
44.	Prism(Ceramic Glass)	4
45.	Post Office Box	1
46.	Pivot Table	1
47.	Resistance Box	2
48.	Rheostat	9
49.	Resistance Box	5
50.	Reading lens	4
51.	Torch	2
52.	Sodium Light Source	2
53.	Spectrometer	2
54.	Stewart & Gees Galvanometer (Magnetic Field)	1
55.	Standard Condenser For Ballistic Constant	3
56.	Sprit Level	15
57.	Screw Gauge	6
58.	Spherometer	9
59.	Sodium Lamp 35 W	2
60.	Stopwatch	5
61.	Tapping Key	3
62.	Scale Metal	1
63.	Thermometer	22
64.	Thick Copper Strip	4
65.	Variation Of Magnetic Field Galvanometer	1
66.	Stephen Law Box	2
67.	Viscosity Apparatus Teak Wood Polish Stand	2
68.	Verneier Calipers	6
69.	Voltmeter (0-10 Volt ,20 Volt)	5
70.	Punching Machine	1
71.	Chemical Balance	1
72.	Funnel Plain Size 3" (Pvc)	10
73.	Retort Stand With Clamp	10
74.	Hot Air Blower	1
75.	Travelling Microscope	1

76.	Ballistic Galvanometer	1
77.	Fortin Barometer	1
78.	NaCl Crystal Model In Acrylic Case	1
79.	Graphite Crystal Model In Acrylic Case	1
80.	Diamond Crystal Model In Acrylic Case	1
81.	Calibration Of Voltmeter (Potentiometer)	1
82.	Physical Balance	1
83.	Resistance Coil	10
84.	Transformer For Battery Eliminator (2 Amp.)	6

For Diploma Lab

S. No.	Name of Article	Quantity
1.	Beaker (250 ml)	2
	Ammonium Chloride (Crystal) 500 g	8
2.	Constant Water Level Tank with Stand	2
3.	Bob (Brass)	2
	Spirit Level	5
4.	Battery Eliminator (1A, 0-12 Volt)	2
	Battery Eliminator (2A, 0-12 Volt)	2
	Battery Eliminator (3A, 0-12 Volt)	2
	Battery Eliminator (5A, 0-12 Volt)	2
5.	Leclanche Cell With Porus pot	5
	Denial Cell	2
6.	Friction Slide Apparatus	1
7.	Ammeter (5 A)	1
	Ammeter (3 A)	2
	Ammeter (2 A)	2
	Ammeter (1 A)	1
	Voltmeter (10 V)	2
	Voltmeter (20 V)	2
	Voltmeter (30 V)	2
	Galvanometer	4
8.	Steam Boiler	2
	Glass Tube	3
9.	Steel Pan	2
	Steel Pan	2
	Measuring Tape	2
10.	Loose Weight (20 gm)	4
	Loose Weight (50 gm)	3
	Loose Weight (100 gm)	2
	Loose Weight (200 gm)	4

	Loose Weight (500 gm)	2
11.	Kirchhoff's law verification kit	1
12.	Resistor (1 Ω)	2
	Resistor (2 Ω)	4
	Resistor (5 Ω)	2
	Resistor (20 Ω)	4
	Resistance Wire (Constantan)	1
	Resistance Wire (Magnin)	1
	Resistance Wire (Nichrome) 100 gm	1
13.	Melde's Apparatus	1
14.	Stop Watch (Digital)	1
	Stop Watch (Chromium Plated)	1
	Stop Watch	2
15.	Rheostat (3 Amp)	3
	Rheostat (5 Amp)	2
	Rheostat (1.6 Amp)	3
	Rheostat (1 Amp)	2
16.	Potentiometer (Ten Wire)	1
17.	Post Office box	1
18.	P.N. Junction / Zener diode Characteristics Apparatus	1
19.	Meter Scale (Half)	3
	Meter Scale (Full)	6
	paraffin (500 g)	1
20.	Resistance Coil (1 Ω)	2
	Resistance Coil (2 Ω)	4
	Resistance Coil (5 Ω)	2
	Resistance Coil (10 Ω)	2
	Resistance Coil (50 Ω)	2
21.	Resistance Box (10 Ω)	2
	Resistance Box (500 Ω)	2
	Resistance Box (1000 Ω)	2
	Resistance Box (10000 Ω)	2
22.	Resonance Tube Apparatus	1
23.	Lead Accumulator (6 V)	2
24.	Screw Gauge (15 mm)	4
	Screw Gauge (25 mm)	8
	Vernier Caliper	6
25.	Searle's Apparatus	1
26.	Spring Constant apparatus	1
	Spring Balance (100 gm)	1
	Spring Balance (500 gm)	1

	Spring Balance (1000 gm)	1
	Spring Balance (5 kg)	1
27.	Searle's Thermal Conductivity Apparatus	1
28.	Thermometer	4
	Thermometer	8
29.	Zink Rod	8
30.	Stand with Clamp & Boshed	3
	Stand with Clamp & Boshed	2
31.	One Way & Two Way Key	23
32.	Measuring Cylinder (1 Litre)	2
	Measuring Cylinder (1/2 Litre)	2
33.	Pinch Cock (Normal)	5
	Pinch Cock (Hoffman)	5
34.	Distilled Water (5 Litre)	2
35.	Viscosity Stoke's Apparatus	1
36.	Rubber Pad	3
	Cork (Rubber)	5
37.	High Temperature Silicin Rubber Tube	1
38.	Porous Pot (Filled)	2
39.	Slotted Weight With Hunger (500 gm)	2
40.	Weight Box (Fractional)	5
	Physical Balance	1
	Weight (100 gm)	1
	Weight (1 g)	2
	Weight (2 g)	4
	Weight (5 g)	2
	Weight (10 g)	2
	Weight (50 g)	1
41.	Slotted Weight With Hunger (50 g)	2
	Slotted Weight With Hunger (100 g)	2
	Slotted Weight With Hunger (250 g)	7
42.	Sulphuric Acid	5 Litre
43.	Pen	4
	Brush	1
	Resister	1
	Stock Resister	1
44.	Angle	3
	Slab	1
	Welding	1
	Screw (24 Piece)	1 Pkt
	Socket	1

	Steel Ball (36 Piece)	1 Pkt
	Mobil Oil (3.5 Litre)	1 Canister
45.	Gas Cylinder With Stove & Lighter	1
	Tasala	1
	Heater (1500 Watt)	1
	Wire (1 mm)	4 m
	Heater Element (1000 Watt)	1
	White Paint	1
	Brush (25 mm)	1
	Screw (12 Piece)	1
	Metal Plate	2

Civil Engineering Department

Surveying & Structure Lab

S. No.	Name Of Apparatus / Instruments	Quantity
1.	Abney level	2
2.	Auto level	2
3.	Arrow	17
4.	Chain (30m)	3
5.	Dumpy level complete	1
6.	Dumpy level complete	1
7.	Dumpy level complete	3
8.	Digital theodolite	1
9.	Dial gauge withstand	1
10.	Fiber tape 30m	1
11.	GPS	2
12.	Leveling staff	1
13.	Leveling staff telescopic	3
14.	Measuring survey chain	1
15.	Plane table set	2
16.	Prismatic compass	2
17.	Plane table set	2
18.	Plane table set	2
19.	Prismatic compass	1
20.	Planimeter mechanical	2
21.	Pentagraph	2
22.	Prismatic compass	4
23.	Prismatic compass tripod	2
24.	Parallax bar	1
25.	Ranging rod (3m)	5
26.	Ranging rod	1
27.	Ranging rod (3m)	5

28.	Ranging rod	20
29.	Simple theodolite complete	1
30.	Spirit level	2
31.	Steel tape (30m)	4
32.	Tangent clinometer	2
33.	Tape metallic(15m)	1
34.	Tape metallic(30m)	1
35.	Vernier caliper digital	3
36.	Behaviour of column &struts	1
37.	Bending moment apparatus	1
38.	Curve member	1
39.	Deflection of truss	1
40.	Elastically coupled beam	1
41.	Elastic property of deflection beam	1
42.	Helical spring testing machine	1
43.	Redundant joint	1
44.	Shear force apparatus	1
45.	Torsion testing machine	1
46.	Two hinged arch	1
47.	Three hinged arch	1
48.	Verification of Clark maxwell reciprocal apparatus	1

Building Materials Lab

S. No.	Name Of Apparatus / Instruments	Quantity
1.	Air tight container	3
2.	Air permeability apparatus	1
3.	Auger boring test apparatus	1
4.	Analog softening point testing apparatus	1
5.	Analog flashed fire point testing apparatus	1
6.	Basuli	1
7.	Compaction factor apparatus	1
8.	Cylindrical moulds (150X300mm)	1
9.	Compression testing machine	1
10.	Crushing value test apparatus	1
11.	Core cutter apparatus	1
12.	Casagrande apparatus	1
13.	Ductility testing machine	1
14.	Direct shear testing machine	1
15.	Dynamic penetration test	1
16.	Digital compression machine	1
17.	Digital CBR test apparatus	1
18.	Density bottle	3
19.	Electronic balance (300g x 0.01g)	1
20.	Flask brush nylon	12

21.	Flash & fire point test apparatus	1
22.	Gauging trowel (2000ml)	1
23.	Graduated jar Polylab	3
24.	Glass plate (2"x2")	2
25.	Hammer	1
26.	Hydrometer	2
27.	Impact testing machine	1
28.	Laboratory balance	1
29.	Le Chatliers Apparatus	1
30.	Los Angles Abrasion Value Apparatus	1
31.	Liquid Limit	1
32.	Le Chatliers Apparatus	1
33.	Le Chatliers Apparatus	1
34.	Measuring Cylinder Polylab 500 ml	4
35.	Measuring Jug Polylab 1000 ml	6
36.	Measuring Jar (1 Litre)	1
37.	Measuring Jug (100 ml)	1
38.	Oven (350x350x350)	1
39.	Penetration Test Apparatus	1
40.	Plastic Limit	1
41.	Proctor Compaction Test 2200 cc	1
42.	Proctor Compaction Test 1000 cc	1
43.	Permeability Test Apparatus	1
44.	Pycnometer	4
45.	Relative Density Apparatus	1
46.	Rebound Hammer RCC	1
47.	Scoop	1
48.	Straight Edge Steel Rule 12"	1
49.	Simple Extruder	3
50.	Softening Point Test Apparatus	1
51.	Shrinkage Limit	1
52.	Sand Replacement Apparatus	1
53.	Static Cone Penetration Test	1
54.	Sieve Shaker	1
55.	Standard Penetration Apparatus	1
56.	Penetration Needle	1
57.	Simple Making Plate Ductility	6
58.	Shrinkage Limit Apparatus	1
59.	Test Sieve 8" Brass 4.75mm	1
60.	Test Sieve 8" Brass 3.35mm	1
61.	Test Sieve 8" Brass 2.36mm	1
62.	Test Sieve 8" Brass 1.18mm	1
63.	Test Sieve 8" Brass 1.70mm	1
64.	Test Sieve 8" Brass 0.600mm	1
65.	Test Sieve 8" Brass 0.300mm	1

66.	Test Sieve 8" Brass 0.150mm	1
67.	Test Sieve 8" Brass 0.425mm	1
68.	Test Sieve 8" Brass 20 mm	1
69.	Test Sieve 8" Brass 0.075mm	1
70.	Test Sieve 12" Brass 4.75mm	1
71.	Test Sieve 12" Brass 3.35mm	1
72.	Test Sieve 12" Brass 2.36mm	1
73.	Test Sieve 12" Brass 1.18mm	1
74.	Test Sieve 12" Brass 1.70mm	1
75.	Test Sieve 12" Brass 0.600mm	1
76.	Test Sieve 12" Brass 0.300mm	1
77.	Test Sieve 12" Brass 0.150mm	1
78.	Test Sieve 12" Brass 0.075mm	1
79.	Test Sieve 12" Coarse G.I. Sheet 80 mm	1
80.	Test Sieve 12" Coarse G.I. Sheet 63 mm	1
81.	Test Sieve 12" Coarse G.I. Sheet 50 mm	1
82.	Test Sieve 12" Coarse G.I. Sheet 40 mm	1
83.	Test Sieve 12" Coarse G.I. Sheet 31.5 mm	1
84.	Test Sieve 12" Coarse G.I. Sheet 25 mm	1
85.	Test Sieve 12" Coarse G.I. Sheet 16 mm	1
86.	Test Sieve 12" Coarse G.I. Sheet 12.5 mm	1
87.	Test Sieve 12" Coarse G.I. Sheet 10 mm	1
88.	Test Sieve 12" Coarse G.I. Sheet 6.3 mm	1
89.	Tamping Rod	1
90.	Test Sieve 8" Set	1
91.	Test Sieve Brass Complete Set	1
92.	Test Sieve 20 mm	1
93.	Test Sieve Brass 90 micron	1
94.	Tile Testing Machine	1
95.	Vicat Apparatus	1
96.	Vicat Apparatus	1
97.	Vee Bee Apparatus	1
98.	Vicat Apparatus	1
99.	Vicat Apparatus Needle	1
100.	B.M.S.D.C. Bitumin	1 kg
101.	Keroseene oil	4 litre
102.	M.S.	2 kg
103.	Kerosene oil	5 litre
104.	Mobil oil	1 litre

Fluid Mechanics Lab

S. No.	Name Of Apparatus / Instruments	Quantity
1.	Allen Key Set	1
2.	Bernoulli Apparatus	1
3.	Chabhi Set	1
4.	Current Meter Complete	1
5.	Drawing Board Withstand (23x32)	29
6.	Extension Board	1
7.	Impact Of Jet Apparatus	1
8.	Metacentric Height Apparatus	1
9.	Nose Plier	1
10.	Orifice & Mouthpiece Apparatus	1
11.	Pane Set	1
12.	Plier	1
13.	Pipe Wrench	1
14.	Pitot State Tube Apparatus	1
15.	Pipe Friction Apparatus	1
16.	Reynolds Apparatus	1
17.	Screw Driver Set Different Size	5
18.	Screw Driver Set	1
19.	Tilting Flume Apparatus	1
20.	Venturi Meter & Orifice Meter	1
21.	V-Notch Apparatus	1
22.	Mercury	500 gm
23.	Mercury	1 kg
24.	Neel Blue	200 ml

Environmental Lab

S. No.	Name Of Apparatus / Instruments	Quantity
1.	Air Sampler	1
2.	Burette Stand With Clamp	12
3.	Beaker Cap. 250 ML	12
4.	Burette Cap. 50ml	12
5.	Bod Bottle Cap. 300ml	24
6.	Bod Incubator	1
7.	Conical Flask 250 ML	15
8.	Cod Apparatus	1
9.	Desiccator With Cover Knob	3
10.	Distillation Assembly	1

11.	Digital Conductivity Meter	1
12.	Digital Ph Meter	1
13.	Digital D.O. Meter	1
14.	Hot Plate Size(8" Dia.)	1
15.	Kjeldahl Digester	1
16.	Measuring Cylinder(100ml)	12
17.	Measuring Cylinder(250ml)	12
18.	Magnetic Stirrer With Hot Plate	1
19.	Measuring Cylinder(5ml)	9
20.	Measuring Cylinder(10ml)	10
21.	Measuring Cylinder(10ml)(Brosil)	10
22.	Oven(14x14x14)	1
23.	Pipette(2ml)	6
24.	Pipette(5ml)	6
25.	Porcelain Disc(3")	50
26.	Petri Dish(4")	54
27.	Pipette Pump	4
28.	Porcelain Disc	20
29.	Reagent Bottle (250ml)	24
30.	Spedrophatometer	1
31.	Sound Level Meter	1
32.	Sprit Lamp	20
33.	Spatula(6")	7
34.	Test Tube(12x100mm)	100
35.	Turbidity Meter	1
36.	Test Tube Holder	20
37.	Tripod Stand (6")	20
38.	Test Tube Stand	10
39.	Test Tube Brush	20
40.	Wash Bottle(500ml)	12
41.	Weighing Balance	1
42.	Acetic Acid, Glacial	1000 ml
43.	Ammonium Chloride	1000 gm
44.	Ammonium Ferrous Sulfate	1001 gm
45.	Ammonium Solution	200 ml
46.	Buffer Solution 9.2ph	500 ml
47.	Bleaching Powder	1000 gm
48.	Buffer Capsule Ph 4	10 nos
49.	Buffer Capsule Ph 7	11 nos
50.	Bleaching Powder	1000 gm
51.	Boric Acid	1000 gm
52.	BROMO Cresol Grill	200 gm
53.	Calcium Carbonate	500 gm
54.	Calcium Chloride	2000 gm
55.	Conductivity Meter Electrode	1 nos

56.	Calcium Solution	1000 ml
57.	Digital Ph Meter Electrode	1 nos
58.	D.O Cum Temperature Meter Electrode	1 nos
59.	Di Sodium Hydrogen Phosphate	500 gm
60.	EDTA Di Sodium Salt	100 gm
61.	Ethanol GR	500 ml
62.	Ebt	25 gm
63.	Ethanol AR	2000 ml
64.	EDTA Magnesium Salt	1000 gm
65.	Ferrous Sulphate	1000 gm
66.	Ferric Chloride	1000 gm
67.	Hydroxylamine HCL	100 gm
68.	Hexamine	1000 gm
69.	Hydrazine Sulphate	500 gm
70.	Hydroxylamine HCL	500 gm
71.	Hydrochloric Acid	2000 ml
72.	Fuse	12
73.	Filter Paper	100 nos
74.	Methyl Orange	25 gm
75.	Manganese II Sulphate	1000 gm
76.	Magnesium Sulphate	500 gm
77.	Methyl Red	500 gm
78.	Magnesium Sulphate	500gm
79.	Mercuric Chloride	100 gm
80.	Methyl Orange Indicator	200 ml
81.	Phenolphthalein Indicator	50 gm
82.	Potassium Iodide	500 gm
83.	Potassium Dichromate	1000 gm
84.	Ph Strip	20 nos
85.	Potassium Di Hydrogen Phosphate	500 gm
86.	Potassium Hydrogen Sulphate	500 gm
87.	Potassium Chloride	500 gm
88.	1-10Phenanthroline(Monohydrated)	25 gm
89.	Pencil Cell	4 nos
90.	Potassium Permagnet	500 gm
91.	Ph Indicator Paper	200 nos
92.	Sodium Hydroxide Pellets	1000 gm
93.	Sulphuric Acid	500 ml
94.	Sodium Carbonate	1000 gm
95.	Starch Soluble	500 gm
96.	Sodium Thiosulphate	1000 gm
97.	Sodium Chloride	1000 gm
98.	Silver Nitrate	25 gm
99.	Sprit	1.5 lit
100.	Sodium Sulphate	500gm

101.	Silver Sulphate	25 gm
102.	Surgical Hand Gloves	10 nos
103.	Sodium Azide	500 gm
104.	Sprit	1.5 lit
105.	Sodium Hydroxide Pellets	500 gm
106.	Sulphuric Acid	1000 ml
107.	Sodium Thiosulphate	1000 gm
108.	Washing Soap	6 nos
109.	Washing Powder	500 gm

MECHANICAL ENGINEERING DEPARTMENT

Work Shop & Manufacturing Science Lab

S. No.	Name of Particular	Quantity
1.	Lathe Machine	03
2.	Drill Machine	02
3.	Grinder Machine	02
4.	Shaper Machine	01
5.	Shear Cutting Machine	01
6.	Power Hacksaw	01
7.	Drill bit Set	04
8.	Single Point cutting tool	02
9.	Knurling tool	02
10.	Centering tool	02
11.	Pipe vice	04
12.	Dye set	02
13.	Tap set	01
14.	Chan pipe wrench	02
15.	Adjustable	01
16.	V Block	02
17.	Electric Arc welding machine	01
18.	Gas welding set	01
19.	Apron	03
20.	Gloves	03
21.	Surface plate	02
22.	Swage Block	01
23.	Trowel	06
24.	Anvil	01
25.	Bench vice	10
26.	Wire Brush	02
27.	Furnace Small	01
28.	Hammer	06
29.	Sledge hummer	01
30.	Tong	10
31.	Beak stock	01
32.	Share Cutter	02
33.	Snips cutter	02
34.	Mallet	10
35.	Wire Gage	01
36.	Mortise Gage	04
37.	Marking Gage	04
38.	Hand Drill Machine	01
39.	Hand Twist Drill	01
40.	Mortise Chisels	05

41.	Formal Chisels	10
42.	Jack Planer Small	04
43.	Jack Planer Big	04
44.	Ripsaw	05
45.	Tenon saw	05
46.	Campus saw	05
47.	Carpentry vice	09
48.	Claw hammer	02
49.	Raps file	02
50.	Pipe wrench	02
51.	Hacksaw	14
52.	File	12
53.	Try square	10
54.	Scale	03
55.	Scriber	02
56.	Punch	02
57.	Spanner Close ended	04
58.	Spanner open ended	04
59.	Depth Gauge	01
60.	Height Gauge	01
61.	Out Side caliper	03
62.	In side caliper	04
63.	Divider	04
64.	Measurement Tape	05
65.	Filer	02
66.	Screw driver set	01
67.	Filler Gauge	01
68.	Moulding Plane	02
69.	Slotting Plane	02
70.	Oil Stone	06
71.	Pliers	06
72.	Calipers	06
73.	Ring Spanner Set	01
74.	Pliers Cutter	02
75.	Adjustable tap wrench	01
76.	Face Shield	03
77.	Foundry Stack small	04
78.	Foundry Stack Large	04
79.	Straight Stack	03
80.	Triangular stack	03
81.	Round Stack	03
82.	Teller Tape	04
83.	Adze	02

Mechanics & Material Science Lab

S. No.	Name of Particular	Quantity
1.	U.T.M.	01
2.	Hardness Testing Machine	01
3.	Impact Testing Machine	01
4.	Warm and Warm Wheel	01
5.	Train of Gear Wheel	01
6.	Inclined Plane friction	01
7.	Roof type Truss	01
8.	Fly Wheel	01
9.	Jib and Crane	01
10.	Law of Polygon	01
11.	Low of parallelogram	01
12.	Wheel axel small	01
13.	Wheel axel big	01
14.	Model of Belt and Pulley	01
15.	Simple Gear Train	01
16.	Allen Key Set	01
17.	Double disc Polishing Machine	01
18.	Belt sander Machine	01
19.	Cut of Machine	01
20.	Weight 1 Kg	19
21.	Weight 500g	05
22.	Weight 100 g	13
23.	Weight 50g	15

Thermodynamics Lab & Thermal and Hydraulic Machine Lab

S. No.	Name of Particular	Quantity
1.	Water Turbine Model	01
2.	Air of Steam presser turbine	01
3.	Pure reaction turbine	01
4.	Steam Engine Model	01
5.	Double acting Steam Engine Model	01
6.	Ambassador Engine Model	01
7.	Babcock and will Cox boiler Model	01
8.	Boiler Model	01
9.	Steam Engine Model	01
10.	Peloton Turbine model	01
11.	Francis Turbine Model	01
12.	Kaplan Turbine Model	01
13.	Two Stroke Petrol Engine Model	01
14.	Two Stroke Diesel Engine Model	01

15.	Four Stroke Petrol Engine Model	01
16.	Four Stroke Diesel Engine Model	01
17.	A. C. Cut Section Model	01
18.	Refrigerator Dummy Model	01

Metrology Lab

S. No.	Name of Particular	Quantity
1.	Brinell Microscope	01
2.	Stroboscope	01
3.	Vernier Caliper China	01
4.	Vernier caliper Mutityo	01
5.	Micro meter Mutityo	01
6.	Filler Gauge Mutityo	01
7.	Slip Gauge	01
8.	Bevel Protector	01
9.	Shine bar	01

ELECTRONICS ENGINEERING DEPARTMENT

Basic Electronics Lab

S. No.	Name of Particular	Quantity
1.	Clipping And Clamping Circuit	01
2.	Determine Voltage Current Gain, Input Impedance And Output Impedance Of (CEA)	01
3.	Electrical Signal I/O Point Of The SWR And FWR	01
4.	Properties Of SCR Diode Characteristics	01
5.	Plot I/O, O/P Characteristics For Common Base Transistor	01
6.	Plot VI Characteristics Of Junction Diode.	01
7.	PN Junction Diode Characteristic	01
8.	Two Stage RC Coupled Amplifier	02
9.	Transistor As A Switch	01
10.	Characteristics Of BJT / CB And CE	01
11.	Application Of Zener Diode Voltage Regulator	01
12.	VI Characteristics Of Daic	01
13.	Characteristics Of FET	01
14.	Plot VI Characteristics Of Zener Diode	01
15.	Rectifier Trainer Kit	01
16.	Application Of Op-Amp Summer Integrator Voltage Comparator	01
17.	IC555 Based A Stable And Monostable Multi Vibrator	01
18.	Study Of Wein Bridge Oscillator	01
19.	RC Phase Shift Oscillator	01
20.	Study Of Push Pull Amplifier	01
21.	Study Of Operational Amplifier 01	01
22.	FET, Common Source Amplifier	01
23.	Common Collector Emitter Follower Transistor Amplifier	01
24.	Transistor Characteristics Apparatus With Regulated Power Supply	01
25.	Common Emitter Transistor Amplifier	01
26.	Common Base Transistor Amplifier	01
27.	Three Terminal Voltage Regulator	01
28.	Biasing Technique Transistor	01
29.	Voltage Regulation IC 317	01
30.	Transistor Biasing Circuits	01
31.	Common Emitter Amplifier	01

32.	Common Emitter Transistor Amplifier	01
33.	Emitter Follower	01
34.	SCR	01
35.	Determination Of Firing Characteristics (D Mode)	01
36.	Observation Of Wave Shape Voltage Circuit	01

IC Lab

S. No.	Name of Particular	Quantity
1.	Log And Antilog Amplifier Kit	01
2.	Voltage Comparator Kit	01
3.	Zero Crossing Detector Kit	01
4.	Second Order Filter Kit	01
5.	Wein Bridge Oscillator Using OP– Amp Kit	01
6.	PII – 565	01
7.	Voltage Regulator Using Op – Amp Kit	01
8.	A To D Convertor	01
9.	D To A Convertor	01
10.	V To I And I To V Convertor	01
11.	Kit Of Function Generator Using Op – Amp Kit	01
12.	Astable And Mono-Stable Multivibrator	01
13.	C.R.O	09
14.	D.S.O	06
15.	Function Generator	09
16.	DMM	25
17.	DC Power Supply	07

Control System Lab

S. No.	Name of Particular	Quantity
1.	Linear system simulator CL – LSD	01
2.	Compensation Design system	01
3.	Temperature system simulator using PID Controller	01
4.	Synchro-transmitter receiver CL STR	01
5.	Speed Torque characteristics of AC Servo Motor	01
6.	DC Speed Control System	01
7.	DC Speed Control System	01
8.	Magnetic amplifier	01
9.	Synchro-transmitter receiver	01
10.	PID Controller	01

11.	Log Load Compensation	01
12.	Liner System Simulator	01

Communication Lab I

S. No.	Name of Particular	Quantity
1.	DSB/SSB AM Transmitter Trainer	01
2.	DSB/SSB AM Receiver Trainer	01
3.	FM modulation and demodulation trainer CT – FMTR	01
4.	Sampling and reconstruction of PAM Modulation CT- ASRK	01
5.	Pulse AM using Switching method sample and Hold	01
6.	Armstrong Frequency AM/Demodulation AMR	01
7.	FM Radio Design and implementation	01
8.	Super heterodyne Radio Receiver Trainer	01
9.	Radio receiver measurement	01

Communication Lab II

S. No.	Name of Particular	Quantity
1.	Sampling and Reconstruction trainer ST – 2101	01
2.	PAM, PPM, PWM, Modulation and Demodulation Trainer ST - 2110	01
3.	Delta Adaptive and delta sigma modulation and demodulation ST – 2105	01
4.	Data Formatting and carrier modulation transmitter trainer ST – 2106	02
5.	Carrier demodulation and data reformatting receiver ST-2107	01
6.	Variable Binary Data generator ST - 2111	02
7.	TDM Pulse code modulation transmitter trainer ST – 2103	01
8.	TDM Pulse code demodulation receiver trainer ST – 2104	01

Digital Electronics Lab

S. No.	Name of Particular	Quantity
1.	Encoder and decoder kit	01

2.	Adder and Subtractor kit	01
3.	Four bit shift register	01
4.	ALU 7481	01
5.	Decoder and encoder kit	01
6.	Multiplexer D multiplexer kit	01
7.	Module on counter 74196	01
8.	Four bit synchronous counter	01
9.	Experimental based bread board digital trainer kit	01
10.	Four bit Asynchronous counter kit	01
11.	Truth table of logic gate	01
12.	Four bit parallel adder	01
13.	Operation of adder and subtractor	01
14.	OP-AMP of master J-K Slave	01
15.	R-S, J-K, T and D-flip-flop gate	01
16.	Boolean function	01
17.	4 × 1 multiplexer	01
18.	CMOS I.C. Characteristics	01
19.	TTLIC Characteristics	01
20.	I C trainer Kit	04
21.	I C Trainer Kit	01
22.	I C Tester	01

DSP Lab

S. No.	Name of Particular	Quantity
1.	DSP Lab Version 2.0 with lab Programming tutor 2 on DSK 67132 work book	07

Micro Processor Lab

S. No.	Name of Particular	Quantity
1.	Microprocessor kit 8086	01
2.	Microprocessor kit 8085	02
3.	Study card module 8257	01
4.	Study card module 8279	01
5.	Study card module 8251	01
6.	Study card module 8255	01
7.	RAM study card 646, 6264, 62256	01
8.	Temperature control card	01
9.	STD 42 D, 208 – 03 – 08201	01
10.	Traffic light control interface	01
11.	Stepper motor	01
12.	Battery Eliminator	01

13.	Micro processor kit 8085 LCD display with keyboard	04
14.	8255 study card module with 50 pin SC01	01
15.	8253 study card SC 02	01
16.	8259 study card 50 pin SC06	01
17.	8 channel 8 bit ADC (0809)	01
18.	NANO – 8051 Board	01

Micro Wave & OFC Lab

S. No.	Name of Particular	Quantity
1.	Micro wave bench reflex klystron based	01
2.	Fiber optic kit for digital link	01
3.	Analog fiber optic voice transmission demonstration	01

CAD Lab

S. No.	Name of Particular	Quantity
1.	Tina V-8 Design Switch including PCB design 5 User key	01

PCB Lab

S. No.	Name of Particular	Quantity
1.	Counter meter PCB roller	01
2.	Tilling machine	01
3.	PCB shearing machine	01
4.	Drilling machine	01
5.	Art colure table	01
6.	Film making unit	01
7.	PCB curing machine	01
8.	Photo resist dip coating machine	01
9.	Ultra violet Exposer unit	01
10.	Photo dry developer	01
11.	PCB etching machine	01
12.	Lith film 250 × 300 mm	10
13.	Lith film developer A & B	01
14.	Liquid Photo resist	01
15.	Photo resist thinner	01
16.	Photo resist developer	05
17.	Photo resist dye	05
18.	0.8 mm drill bit	05

19.	1.0 mm drill bit	05
20.	2.5 mm drill bit	05

Loose Component

S. No.	Name of Particular	Quantity
1.	Resistor .25 watt	50
2.	Resistor 0.5 watt	50
3.	Resistor 01 watt	50
4.	Potentiometer	20
5.	Preset Resistor	10
6.	LDR	10
7.	Capacitor	50
8.	Inductor	20
9.	Variable Inductor	20
10.	Diode	25
11.	Diode different rating	25
12.	Zener diode	10
13.	Zener diode	15
14.	Photo diode	10
15.	LED	25
16.	Solar cell	25
17.	Transistor	30
18.	Power Transistor	20
19.	FET	20
20.	MOSFET	25
21.	Power MOSFET	25
22.	SCR	30
23.	U.J.T.	20
24.	Voltage regulator IC	30
25.	Op-amp 741	50
26.	Timer IC-555	30
27.	Digital IC	50
28.	IC-Base	30
29.	Pulse generator 1 MHZ	05
30.	Push button Switch	25
31.	Bread Board	30
32.	Hookup Wire	01
33.	Rotary Switch	10
34.	Toggle Switch	50
35.	Solid Stack relay	40
36.	Patch card	100
37.	BNC to BNC	15
38.	BNC to Crocodile	20

39.	Transformer	25
40.	PCB	05
41.	Soldering Gun	15
42.	Soldering Wire	1 Kg.
43.	Flux	01
44.	FECL 3	01 Pack
45.	De-soldering Gun	03
46.	Loose ammeter	10
47.	Loose Voltmeter	10
48.	Digital IC Book	01
49.	Analog IC Book	01
50.	Fuse	10
51.	Screw driver Set	05
52.	Extension board	10
53.	Plastic Box Small	35
54.	Plastic Box Big	05
55.	IC – 7404	02
56.	IC – 7474	02
57.	IC – 7476	02
58.	IC – 7494	02
59.	IC – 74194	02
60.	IC – 4069	02
61.	IC – 74190	02
62.	ISL – 8038	01
63.	.01 PF 103 – 10 K	05
64.	.1 PF 104 – 100 K	05
65.	.14 Res – Mix	48
66.	Cap – 63 v	05
67.	IC 7494	01
68.	IC 74194	01
69.	IC 7495	01
70.	Fuse 25 v 4AMP	40
71.	Bulb 200 w	20
72.	Bulb 100 w	20
73.	Battery 9 v	20
74.	Screw driver set	02
75.	Pliers	02
76.	Wire Cutter	02
77.	Ammeter 25 AMP	02
78.	Voltmeter 300 v	02
79.	Soldering Wire	1 Kg
80.	Hookup wire	01
81.	Flux	01
82.	LED	05

83.	Photo Diode	02
84.	TRIAC	01
85.	Register different value	01
86.	Capacitor different value	01
87.	HDMI	01
88.	Fire Wire	01
89.	DB 13 w 3	01
90.	DVI	01
91.	Mini pin 4-pin	01
92.	RCA Connector	01
93.	Scart	01
94.	D – Terminal	01
95.	TV Aerial Plug	01
96.	BNC	01
97.	Connecter	01
98.	GR Connector	01
99.	F Connector	01
100.	N Connector	01
101.	TNC	01
102.	UHF Connector	01
103.	IDE	01
104.	E – SATA	01