

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

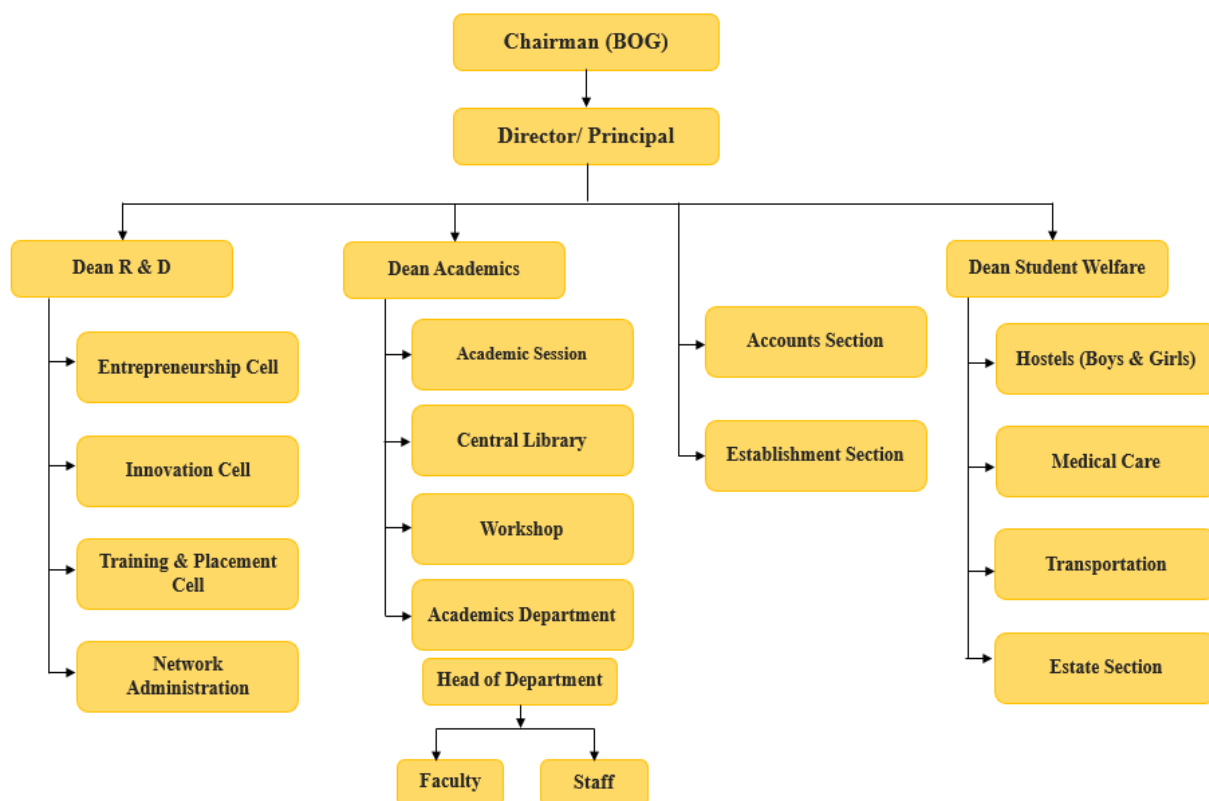
Director Prof. (Dr.) Devendra
Singh Pundir Director
Kamla Nehru Institute of Physical and Social Sciences
Faridipur Campus
Sultanpur-
228119 Ph:
05362-253535
Email id:knipssenggsln@gmail.com, drpundir@hotmail.com

4. Name of the Affiliating University

- i. Dr. A. P. J. Abdul Kalam Technical University (AKTU),
Lucknow
- ii. 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

Anti-ragging Committee:

S.No.	Name	Designation	Mobile No.
1.	Prof. (Dr.) D. S. Pundhir	Chairperson	8968745941
2.	Dr. Sarab Preet Singh	Convener	9818698684
3.	Mr. Ratnesh Singh	Member	9415912494
4.	Dr. Ram Sagar Singh	Member	9453254255
5.	Dr. Alok Trivedi	Member	7987106417
6.	Mr. Awadhesh Kumar	Member	9716731195
7.	Mrs. Greeshma Srivastava	Member	8318713907
8.	Dr. Kavita Srivastava	Member	8770122537
9.	Mr. B. K. Mishra	Member (Non-teaching)	9452828459
10.	Ms. Yogita Srivastava	Member (Student)	9005888033
11.	Mr. Shashikant Yadav	Member (Student)	8400549431
12.	Mr. Swaminath Yadav	Member (Parent)	7084282830
13.	Mr. Vinay Singh	Member (Local Media)	9453383111

Anti-ragging Squad:

S.No.	Name	Designation	Mobile No.
1.	Mr. Vipin Kumar Maurya	Member	9264921917
2.	Mr. Pushpendra Kumar	Member	7906907048
3.	Ms. Tazeem Fatima	Member	7459882407
4.	Dr. Sandesh Patel	Member	6396851663
5.	Mr. Pradeep Dwivedi	Member	9451122798
6.	Mr. Devanshu Dhar Srivastava	Member	8318004553
7.	Mr. Kaseem Ahmad	Member	9795988577

5.4 Establishment of Online Grievance Redressal Mechanism

Institute has constituted Grievance and Redressal Committee for the session 2025-26 as per AICTE regulations and guidelines. The members of the committee are as follows-

S.No.	Name	Designation	Mobile No.
1.	Prof. (Dr.) D. S. Pundhir	Chairperson	8968745941
2.	Dr. Ram Sagar Singh	Convener	9453254255
3.	Dr. Sarab Preet Singh	Member	9818698684
4.	Mr. Manoj Bhargava	Member	8115589701
5.	Mr. Dhananjay Kumar	Member	9838111711
6.	Dr. Kavita Srivastava	Member	7376342827
7.	Dr. Sudhanshu Sekhar	Member	7903093568
8.	Mr. Kaustubh Kundan Srivastava	Member	9005335680
9.	Mr. Uday Singh	Member (Student)	8874436817
10.	OMBUDSMAN	To be nominated by University	



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

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

Institute has constituted Grievance and Redressal Committee for the session 2025-26 as per AICTE regulations and guidelines. The members of the committee are as follows-

S.No.	Name	Designation	Mobile No.
1.	Prof. (Dr.) D. S. Pundhir	Chairperson	8968745941
2.	Dr. Ram Sagar Singh	Convener	9453254255
3.	Dr. Sarab Preet Singh	Member	9818698684
4.	Mr. Manoj Bhargava	Member	8115589701
5.	Mr. Dhananjay Kumar	Member	9838111711
6.	Dr. Kavita Srivastava	Member	7376342827
7.	Dr. Sudhanshu Sekhar	Member	7903093568
8.	Mr. Kaustubh Kundan Srivastava	Member	9005335680
9.	Mr. Uday Singh	Member (Student)	8874436817
10.	OMBUDSMAN	To be nominated by University	

5.6 Establishment of Internal Committee (IC)

Institute has constituted Internal Complaint Committee (ICC) as per AICTE regulations and guidelines. The members of the committee are as follows-

S.No.	Name	Designation	Mobile No.
1.	Dr. Saima Badar	Chairperson	9412653549
2.	Dr. Sarab Preet Singh	Convener	9818698684
3.	Mrs. Tazeem Fatima	Member	9670451181
4.	Mrs. Fauziya Anjum	Member	7905360583
5.	Mr. Manoj Bhargava	Member	8115589701
6.	Miss. Anamika Dubey	Member	8299880641
7.	Mr. Rajesh Kumar Dubey	Member	8756875307
8.	Miss. Vaishnavi Singh	Member (Non-teaching)	9198771919
9.	Mr. Dharmendra Chaudhary	Member (Non-teaching)	8601588277
10.	Dr. Ranjana Singh	Member(External)	9415046364
11.	Miss. Versha Prajapati	Member(Student)	9889066064
12.	Miss. Janhvi Singh	Member(Student)	9219435121
13.	Miss. Akanksha Yadav	Member(Student)	8934075253

5.7 Establishment of Committee for SC/ST

S.N	Name	Designation	Contact Number
1.	(Dr.) D. S. Pundhir	Director/Chairperson	8968745941
2.	Dhananjay Kumar	Convener	9838111711
3.	Akhilesh Kumar Ravat	Member	7398771869
4.	Ashish Kumar	Member	9794705619
5.	Anamika Dubey	Member	8299880641
6.	Neeraj Kumar Gond	Member	7523029444
7.	Ajay Kannaujiya	Member (Student)	9867141344
8.	Ujala	Member (Student)	9651231530

5.8 Internal Quality Assurance Cell

1.	Prof. (Dr.) D. S. Pundhir	Director/Chairperson
2.	Dr. Sarab Preet Singh	Convener
3.	Mr. Ratnesh Singh	Member (Faculty)
4.	Dr. Sudhanshu Shekhar	Member (Faculty)
5.	Dr. Kavita Srivatava	Member (Faculty)
6.	Mr. Awadhesh Kumar	Member (Faculty)
7.	Dr. Ram Sagar Singh	Member (Faculty)
8.	Prof. Yogesh Kumar Mishra	Member (Faculty)
9.	Prof. N K Saxena	Member (Faculty)
10.	Mr. Jaychand	Member (Faculty)
11.	Mr. Kaustubh Kundan Srivastava	Member (Faculty)
12.	Mrs. Fauziya Anjum	Member (Faculty)
13.	Dr. Gyan Prakash Govil	Member (External)
14.	Dr. Umakant Kulkarni	Member (External)
15.	Mr. Mudit Jaiswal	Member (Alumni)
16.	Miss. Vaishali Sahu	Member (Student)
17.	Priya Keerti Tripathi	Member (Industrialist)

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 : Apply for NBA Accreditation

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	120	30	30	60	60
Duration	4	4	4	3	3
Cut off marks/rank of admission during the last years	60%	50%	50%	45%	40%

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:

Course and Branch	Total Number of Faculty
CSE B.Tech	15
ME B.Tech	10
CE B.Tech	8
CE Diploma	8
ECE Diploma	9

7.2 Permanent Faculty : 62

7.3 Adjunct Faculty : 02

7.4 Permanent Faculty: Student Ratio:

Degree Programme - 1:15

Diploma Programme - 1:15

S.N.	Course/Branch	Permanent / Adjunct	Name of Faculty	Designation	Date of Joining
1	CE	Permanent	Prof. (Dr) N K Saxena	Professor/HOD	30.08.2022
2	CE DIPLOMA	Permanent	Dr. Mahd Zia	Associate Professor	30.08.2024
3	CE B.TECH	Permanent	Dr. Sudhanshu Sekhar	Associate Professor	31.08.2024
4	CE B.TECH	Permanent	Dr. Saima Badar	Associate Professor	29.08.2025
5	CE DIPLOMA	Permanent	Mr. Sainuddin	Assistant Professor	01.08.2016
6	CE B.TECH	Permanent	Mr. Kanheaya Lal	Assistant Professor	21.07.2021
7	CE B.TECH	Permanent	Mr. Kaseem Ahmad	Assistant Professor	15.09.2021
8	CE B.TECH	Permanent	Miss. Anamika Dubey	Assistant Professor	30.08.2022
9	CE B.TECH	Permanent	Mr. Saksham Srivastava	Assistant Professor	28.08.2023
10	CE B.TECH	Permanent	Mr. Neeraj Kumar Gond	Assistant Professor	22.08.2024
11	CE DIPLOMA	Permanent	Mr. Jagdish Yadav	Assistant Professor	28.08.2024
12	CE DIPLOMA	Permanent	Mr. Vipin Kumar	Assistant Professor	29.08.2024
13	CE DIPLOMA	Permanent	Mr. Pradeep Dwivedi	Lecturer	08.08.2015
14	CE DIPLOMA	Permanent	Mr. Gaurav Pandey (SL)	Lecturer	02.08.2017
15	CE DIPLOMA	Permanent	Mr. Ashish Kumar	Lecturer	22.07.2021
16	CE DIPLOMA	Permanent	Mr. Ajay Kumar Singh	Sr Lecturer	01.07.2011
17	CSE	Permanent	Dr. Kavita Srivastava	Associate Prof/HOD	30.08.2021
18	CSE	Permanent	Dr. Mritunjay Kumar	Associate Professor	31.08.2022
19	CSE	Permanent	Ms. Huma Parveen (SL)	Assistant Professor	01.08.2016
20	CSE	Permanent	Mr. Vivek Srivastava	Assistant Professor	31.12.2020
21	CSE	Permanent	Mr. Jaychand	Assistant Professor	08.08.2022
22	CSE	Permanent	Mr. Devanshu Dhar Srivastava	Assistant Professor	29.08.2022
23	CSE	Permanent	Mr. Sushil Kumar Yadav	Assistant Professor	29.08.2022
24	CSE	Permanent	Mr. Hari Krishna Mishra	Assistant Professor	28.08.2023
25	CSE	Permanent	Mr. Irshad Ahamad	Assistant Professor	28.08.2023
26	CSE	Permanent	Mr. Anand Kumar Prajapati	Assistant Professor	28.08.2024
27	CSE	Permanent	Mr. Yogendra Kumar Kushwaha	Assistant Professor	29.08.2024
28	CSE	Permanent	Mr. Mohd. Kaleem	Assistant Professor	31.08.2024
29	CSE	Permanent	Mr. Satish Kumar Mishra	Assistant Professor	29.08.2025
30	CSE	Permanent	Mr. Rishi Kumar Srivastava	Assistant Professor	29.08.2025
31	CSE	Permanent	Mr. Mustaq Mohammad	Assistant Professor	30.08.2025
32	ECE	Permanent	Dr. Nitin Langer	Professor/HOD	28.08.2025
33	ECE	Permanent	Dr. Yogesh Kumar Mishra	Professor	06.08.2024
34	ECE	Permanent	Mr. Kaustubh Kundan Srivastava	Assistant Professor	01.08.2016

35	ECE	Permanent	Mr. Abdul Fahad	Assistant Professor	25.07.2019
36	ECE	Permanent	Dr. Zeeshan Vakil	Assistant Professor	22.8.2022
37	ECE	Permanent	Miss. Shreya Chaturvedi	Assistant Professor	28.08.2024
38	ECE	Permanent	Dr. Akhilesh Kumar Ravat	Assistant Professor	25.07.2025
39	ECE	Permanent	Dr. Sandesh Patel	Assistant Professor	11.08.2025
40	ECE	Permanent	Miss. Greeshma Srivastava	Assistant Professor	02.08.2017
41	HAS	Permanent	Dr. Ram Sagar Singh	Professor/HOD	31.07.2020
42	HAS	Permanent	Dr. Sarab Preet Singh	Professor	10.08.2019
43	HAS	Permanent	Dr. Puneet Shukla	Associate Professor	22.07.2021
44	HAS	Permanent	Dr. Saras Prakash Singh	Associate Professor	10.09.2018
45	HAS	Permanent	Mr. Ratnesh Singh	Assistant Professor	26.06.2009
46	HAS	Permanent	Mrs. Tazeem Fatima	Assistant Professor	28.08.2009
47	HAS	Permanent	Mr. Raghvendra Tripathi	Assistant Professor	16.08.2010
48	HAS	Permanent	Mr. Rajesh Kumar Dubey	Assistant Professor	08.10.2010
49	HAS	Permanent	Mr. Jay Prakash Mishra	Assistant Professor	07.08.2012
50	HAS	Permanent	Mr. Ami Srivastava	Assistant Professor	10.08.2015
51	HAS	Permanent	Mr. Manoj Bhargava	Assistant Professor	22.07.2019
52	HAS	Permanent	Dr. Ajay Vikram Singh	Assistant Professor	16.04.2024
53	ME	Permanent	Dr. Alok Kumar Trivedi	Associate Prof/HOD	19.05.2025
54	ME	Permanent	Dr. K C Yadav	Professor	29.08.2022
55	ME	Permanent	Mr. Sunil Kumar Yadav	Assistant Professor	02.08.2017
56	ME	Permanent	Mr. Shivakar Prasad	Assistant Professor	21.07.2021
57	ME	Permanent	Mr. Pushpendra Kumar	Assistant Professor	21.07.2021
58	ME	Permanent	Mrs. Fauziya Anjum	Assistant Professor	30.07.2022
59	ME	Permanent	Mr. Dhananjay Kumar	Assistant Professor	30.08.2022
60	ME	Permanent	Mr. Shubham Mishra	Assistant Professor	28.08.2023
61	ME	Permanent	Mr. Awadhesh Kumar	Assistant Professor	07.04.2025
62	ME	Permanent	Mr. Divyanshu Srivastava	Assistant Professor	10.05.2025

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:** 33
- 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
2024-25	NIKHIL KUSHWAHA GOPAL PANDEY AYUSH TIWARI	Rs. 20,000/- + Exam Fee
2023-24	VARSH PRAJAPATI ABHINAV SHUKLA	Rs. 20,000/- + Exam Fee
2022-23	ANOOB 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		
		2024-25	2023-24	2022-23
B. Tech (CSE)	120	125	65	65
B. Tech (ME)	30	26	36	33
B. Tech (CE)	30	26	19	22
Diploma (CE)	60	36	31	56
Diploma (ECE)	60	60	30	64

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

Course	Session		
	2024-25	2023-24	2022-23
B. Tech (CSE)	25	20	15
B. Tech (ME)	02	03	0
B. Tech (CE)	02	01	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/UPTAC

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

B. Tech: 85% of total sanctioned intake of respective 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	18 (70 m ²)
2	Number of Tutorial rooms and size of each	6 (33 m ²)
3	Number of Laboratories and size of each	38 (66 m ²)
4	Number of Computer Centers 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)	• Number of Books: 22623 • Number of Titles: 3498 • Number of Journals: 27 • No. of e-Book Titles- UG: 1920 • No. of e-Book Volumes- UG: 1920 • No. of e-Book Titles- Diploma: 1069 • No. of e-Book Volumes- Diploma: 1069 • 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

	2024-25	2023-24	2022-23
B. Tech (CSE)	35	42	40
B. Tech (ME)	14	15	12
B. Tech (CE)	24	18	15
Diploma (CE)	25	33	12
Diploma (ECE)	14	20	14

16. List of Research Projects/Consultancy Works : NIL

17. MoUs with Industries : Nine

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 1 lit	6
7	Digital colorimeter	1
8	Heating mantle	1
9	Beaker, 250 ml	15
10	Beaker, 100 ml	30
11	Digital conductivity meter	1
12	Beaker 500 ml	15
13	Burette 50 ml	12
15	Oven	1
17	Bottle weighing (25 ml)	15
21	Measuring cylinder (50 ml)	15
22	Measuring cylinder (25 ml)	25
23	Measuring cylinder (10 ml)	12
24	Bottle reagent (125 ml)	4
25	Bottle reagent (250 ml)	4
26	Mortar pestle 6"	6
27	Pipette 25 ml	15
28	Test tube brush	1 Doz
29	Pipette (10 ml)	15
31	Winchester bottle	4
32	Glass rod	14
33	Desiccator 6"	19
34	China dish 3"	6
35	Burette	20
36	Burette stand	12
37	Clamp	12
38	Beaker	20
39	Funnel 3"	12
40	Measuring cylinder	16
41	Rubber tube 8 mm	1
42	Spirit lamp	24
43	Spatula 6"	24
44	Tripod stand 8"	15
45	Test tube	12
46	Tonge 6"	12
47	Wash bottle	24
48	Wire Gauge	1 doz
50	Gas cylinder	2

51	Rubber gloves	2 pair
52	Vol. flask 1 ltr	3
53	Weight box	12
55	Frac. Weight box	1 Doz
56	Funnel	24
57	Cylinder pigtail	2
58	HP regulator	1
59	HP distributor 4-way	12
62	Burner Bunsen	30
70	Stop watch	1
78	Boric acid	3
82	Test tube holder	2 doz
83	Individual control	1
84	Iron metal	2
85	Non return valve	2
86	Non-return control	4
87	Needle valve	48
88	Burette 50 ml	20
89	Beaker 250 ml	20
90	Beaker 500 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	12
5	Viscometer	10
6	Muffle Furnace	1
17	Oven	1
18	Digital Spectrophotometer	1
19	LPG Manifold	1
20	LPG Pipe Line	22 Meter
21	LPG Stainless Steel Cup	

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	1
8	Ammonium Molybdate	1	1
9	Ammonium Chloride	1	NIL
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 Bunsen	48	
30	Benedict Solution	1	1
31	Benzoic Acid	1	1
32	B-Naphthol	2	2
33	Bleaching Powder	2	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 Distributer 4-way	12	
45	HCL	1	NIL
46	Hydroxyl NH ₄ Cl	1	NIL
47	Hydrogen Peroxide	1	1
48	HCL	1	NIL
49	Rubber Tube	36 m	
52	KMnO ₄		
53	Phenol Crystal	4	NIL
54	K ₄ [Fe(CN) ₆]		1
55	KOH		NIL
56	KCL		NIL
57	Phenolphthalein		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
64	Oxalic Acid	1	1
65	Beaker, 100 ml	30	30
66	Beaker, 250 ml	30	30
67	Beaker 500 ml	30	30
68	Beaker 1 lt	6	6
69	Beaker 2 lt	6	6
70	Burette 50 ml	30	30
72	Boric Acid	3	3
73	Bottle Dropping	12	8
74	Bottle Relative Density	30	30
75	Bottle Weighing (25 ml)	30	20
76	Bottle Weighing (5 ml)	30	25
77	Bottle Reagent (125 ml)	4	4
78	Bottle Reagent (250 ml)	4	4
79	Measuring Cylinder (100 ml)	20	8
80	Measuring Cylinder (50 ml)	30	NIL
81	Measuring Cylinder (25 ml)	20	NIL

82	Measuring Cylinder (10 ml)	20	6
83	Dropper 6 Inch	1 Doz.	8
84	Conical Flask (100 ml)	36	NIL
85	Conical Flask (250 ml)	20	5
86	Stalgnometer	25	25
92	Funnel 7.5 cm	24	8
93	Ethanol Abs	4	
94	EDTA Disodium Salt	4	NIL
95	Erichrome Black T	1	NIL
96	Erichrome Black T	1	NIL
97	EDTA Disodium Salt	2	NIL
98	Glass-Stirrer 8"	15	25
99	Mortar Pestle 6"	6	6
100	Pipette 25 ml	30	30
101	Pipette 10 ml	36	NIL
102	Polystyreno	2	1
103	Phenolphthalein	2	NIL
104	Potassium Di Chromate	1	NIL
105	Potassium Thio Cynate	1	NIL
106	Pipette (10 ml)	30	15
109	Pipette Vol (25 ml)	20	
110	Test Tube	2 box	2 box
111	Viscometer	24	12
112	Winchester Bottle	4	4
113	Glass Rod	40	25
114	Desiccator 6"	19	19
115	China Dish 3"	24	24
116	Burette	30	12
118	Clamp	12	NIL
119	Beaker	2	2
120	Funnel 3"	12	12
121	Measuring Cylinder	12	13
122	Rubber Tube 8mm	1	1
123	Spirit Lamp	24	24
124	Spatula 6"	24	24
125	Tripod Stand 8"	36	36
126	Test Tube	12	12
127	Tonge 6"	24	24
129	Wire Gauge	2 Doz	NIL
130	Filter Paper	1 Rim	NIL
131	Chem Name Sticker	1 Pk	NIL
133	Gas Cylinder	2	2
134	Rubber Gloves	1 pair	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

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.	Helmholtz 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 Galvonometer (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

Lab Name- Environmental Engineering Laboratory		
Sr. No.	Instrument / Apparatus Name	Quantity
1	Water Analysis Kit	1
2	Conductivity Meter Electrode	1
3	Conical Flask Cap 250ml	15
4	D.O. Cum Temperature Meter Electrode	1
5	Desiccator With Cover Knob	2
6	Digital Conductivity Meter	1
7	Digital D.O. Meter	1
8	Digital pH Meter Electrode	1
9	Distillation Assembly	1
10	Funnel Plain Size 75mm	12
11	Hot Plate	2
12	Jar Test Apparatus	2
13	Keldohl Digester Appratus	1
14	Oven	1
15	Pipette	6
16	Pipette Pump	4
17	Porcelin Dish	20
18	Reagent Bottle Cap 250ml	24
19	Sound Level Meter	1
20	Spatula	19
21	Spectrophotometer	1
22	Spirit Lamp	20
23	Test Tube	100
24	Test Tube Stand	10
25	Turbidity Meter	1

26	Wash Bottle Cap 500ml	12
27	Water Sampler	1
28	Weighing Balance	2
29	Air Sampler	1
30	B.O.D Incubator	1
31	B.O.D. Bottle Cap 300ml	6
32	Beaker Cap 250ml	12
33	Beaker Cap 50ml	12
34	Burette Stand With Clamp	12
35	C.O.D Apparatus	1
36	Analytical Balance	1
37	Bacteriological Incubator	1
38	Centrifuge	1
39	High Volume Air Sampler	1
40	Magnetic Stirrer With Hot Plate	2
41	Magnetic Stirrer	1
42	Muffle Furnace	1
43	Vortex Mixer	1
44	Water Bath	1
45	Auto Colorimeter	1

Lab Name- Surveying		
Sr. No.	Instrument / Apparatus Name	Quantity
1	Abney Level	5
2	Auto Level	2
3	Arrow	17
4	Chain	24
5	Cross Staff (Open)	2
6	Cross Staff (French)	2
7	Cross Staff (Adjustable)	2
8	Dumpy Level	10
9	Digital Theodolite	1
10	Fiber Tape	18
11	GPS	2

12	Levelling Staff	4
13	Levelling Staff Telescopic	3
14	Plane Table	6
15	Prismatic Compass	15
16	Pentagraph	2
17	Mechanical Planimeter	7
18	Prismatic Compass Tripod	2
19	Ranging Rod	31
20	Sprit Level	2
21	Simple Theodolite	1
22	Tangent Clinometer	2
23	Total Station	2
24	Wooden Pegs	20
25	Quick-Setting Level	5
26	Engineer's Level	1
27	Transit Theodolite (Vernier Type)	6
28	Optical Square	5
29	Mirror Stereoscope	1
30	Telescopic Alidade	2
31	Prismatic Binoculars	1
32	Electronic Distance Measurement (EDM)	2
33	Surveying compass	2
34	Digital Vernier calipers	3

Lab Name- Soil Mechanics & Highway Engineering		
Sr.N.	Instruments Name	Quantity
1	Ductility Testing Machine	1
2	Los Angeles Abrasion Machine	1
3	Penetration Test Apparatus	2
4	Regulator	2
5	Softening Point Test Apparatus	1
6	Analog Flash And Fire Point Apparatus	1
7	Wire Basket	2

8	Water Bath	1
9	Aggregate Impact Value Test Apparatus	1
10	Capillary Type Viscometer	1
11	Sand Replacement Apparatus	3
12	Liquid Limit and Plastic Limit Apparatus	2
13	CBR Apparatus	1
14	Relative Density Test Apparatus	1
15	Direct Shear Testing Machine	1
16	Auger	1
17	Dynamic Penetration Apparatus	1
18	Shrinkage Limit Test Apparatus	2
19	Plastic Limit Test Apparatus	1
20	Liquid Limit Test Apparatus	5
21	Pycnometer Apparatus	14
22	Density Bottle	3
23	Permeability Apparatus	2
24	Compaction Apparatus	2
25	Core Cutter Apparatus	3
26	Rapid Moisture Meter	2
27	Static Cone Penetration Test Apparatus	1
28	Elongation & Flakiness Index Apparatus	1
29	Sieve Shaker	2

Lab Name- Structural Mechanics		
Sr.N.	Instruments Name	Quantity
1	Flexural Test Apparatus	1
2	Cantilever Beam Apparatus	1
3	Simply Supported Beam Apparatus	1
4	Overhanging Beam Apparatus	1

5	Helical Spring Testing Machine	1
6	Elastic Property of Deflection Beam Apparatus	1
7	Curved Member Apparatus	1
8	Simply Supported Beam/ Clark-Maxwell's Reciprocal Theorem	1
9	Two-Hinged Arch Apparatus	1
10	Three-Hinged Arch Apparatus	1
11	Torsion Testing Machine	1
12	Elastically Coupled Beam Apparatus	1
13	Redundant Joint Apparatus	1
14	Verification of Clark Maxwell's Reciprocal Apparatus	1
15	Deflection of Truss Apparatus	1

Lab Name- Fluid Mechanics & Hydraulics		
Sr.N.	Instruments Name	Quantity
1	Loss in Bend Apparatus	1
2	Centrifugal Rig Apparatus	1
3	Hydraulic Bench Apparatus	1
4	Pitot Static Tube Apparatus	1
5	Orifice Meter	1
6	Metacentric Height Apparatus	1
7	Impact of Jet Apparatus	1
8	Venturimeter & Orifice Meter	1
9	Reynolds Apparatus	1
10	Notch Apparatus	1
11	Pipe Friction Apparatus	1
12	Bernoulli Apparatus	1
13	Open Channel Flow Apparatus	1
14	Submersible Pump Set Apparatus	1

15	Reciprocating Pump	1
16	Hydraulic Ram	1
17	Kaplan Turbine (Model)	1
18	Centrifugal Pump (Model)	1
19	Pelton Wheel Turbine (Model)	1
20	Francis Turbine (Model)	1
21	Current Meter (Model)	1

Lab Name- Concrete Technology & Building Material		
Sr.N.	Instruments Name	Quantity
1	Cement Cube Vibrating Machine	1
2	Concrete Permeability Test Apparatus	1
3	Vibrating Table	1
4	Concrete Mixer Machine	1
5	Bar Bending Apparatus	1
6	Sieve Set	1
7	Sieve Shaker	2
8	Compaction Factor Apparatus	1
9	Vee-Bee Consistometer Apparatus	1
10	Bulk Density Cylinder	1
11	Tile Testing Machine	1
12	Different Types of Tiles	10
13	Aggregate Impact value Apparatus	1
14	Crushing Value Test Apparatus	2
15	Compression Testing Machine	1
16	Digital Compression Testing Machine	1
17	Needle Vibrator	1
18	Slump Cone Apparatus	4
19	Measuring Cylinder	20
20	Vicat Apparatus	5

21	Le-Chatlier Appratus	2
22	Riffle Sampler	2
23	Weighing Machine	1
24	Wire Basket	2
25	Blaine Air Permeability Apparatus	2
26	Mason Tools	1
27	Plumbing Tools	1
28	Carpentry Tools	1
29	Concrete Mould	12
30	Elongation & Flakiness Apparatus	1
31	Cement Cube Mould	10
32	Oven	1
33	Density bottle	20

MECHANICAL ENGINEERING DEPARTMENT

Work Shop & Manufacturing Science Lab

S. No.	Name of Particular	Quantity
1.	Lathe Machine	04
2.	Drill Machine	02
3.	Grinder Machine	02
4.	Shaper Machine	02
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	06
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	10
20.	Gloves	05
21.	Surface plate	02
22.	Swage Block	01
23.	Trowel	06
24.	Anvil	02
25.	Bench vice	12
26.	Wire Brush	02
27.	Furnace Small	01
28.	Hammer	06
29.	Sledge hammer	02
30.	Tong	10
31.	Beak stock	01
32.	Shear Cutter	06
33.	Snips cutter	06
34.	Mallet (Wooden)	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	06

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

82.	Spanner closed-ended set	01
83.	Soldering equipment set	01
84.	Brazing equipment set	01
85.	Gas cutting unit	01
86.	TIG welding Machine set	01
87.	MIG arc Welding Machine	01
88.	Smithy Forse	01
89.	Electric Heater	01
90.	Foundry Equipment Set	01
91.	Sand Permeability Set	01
92.	Sand Reamer	01
93.	Injection moulding Machine	01
94.	Spray Gun	01
95.	Compressor Set	01
96.	PVC Malate	20
97.	Hand Hydraulic Press Machine	01
98.	Center Punch	01
99.	Dot Punch	01
100.	Knife Edge File	01
101.	Number Punch	01
102.	Tester	01
103.	Screwdriver (Big)	01
104.	Screwdriver (Small)	01
105.	Scribing Block	01
106.	Combination Cutting Pliers	01

Mechanics & Material Science Lab		
S. No.	Name of Particular	Quantity
107.	U.T.M.	01
108.	Hardness Testing Machine	01
109.	Impact Testing Machine	01
110.	Warm and Warm Wheel	01
111.	Train of Gear Wheel	01
112.	Inclined Plane friction	01
113.	Roof type Truss	01
114.	Fly Wheel	01
115.	Jib and Crane	01
116.	Law of Polygon	01
117.	Low of parallelogram	01
118.	Wheel axel small	01
119.	Wheel axel big	01
120.	Model of Belt and Pulley	01
121.	Simple Gear Train	01
122.	Allen Key Set	01
123.	Double disc Polishing Machine	01
124.	Belt sander Machine	01
125.	Cut of Machine	01

126.	Weight 1 Kg	19
127.	Weight 500g	05
128.	Weight 100 g	13
129.	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	02
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 Diac	01
13.	Characteristics Of FET	01
14.	Plot VI Characteristics Of Zener Diode	02
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	02
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	02
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.	PLL – 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	07
14.	D.S.O	03
15.	Function Generator	06
16.	DMM	12
17.	DC Power Supply	05

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
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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 Adoptive 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	02
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.	Operate of adder and subtractor	01
14.	OP-AMP of master J-K Slave	01
15.	R-S, J-K,T and D-fusing 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	02
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	02
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	10
10.	Diode	50
11.	Diode different rating	25
12.	Zener diode	10
13.	Zener diode	15
14.	Photo diode	10
15.	LED	10
16.	Solar cell	25
17.	Transistor	30
18.	Power Transistor	20
19.	FET	20
20.	MOSFET	25
21.	Power MOSFET	10
22.	SCR	15
23.	U.J.T.	20
24.	Voltage regulator IC	10
25.	Op-amp 741	15
26.	Timer IC-555	31
27.	Digital IC	50
28.	IC-Base	30
29.	Pulse generator 1 MHZ	05
30.	Push button Switch	25
31.	Bread Board	08
32.	Hookup Wire	01
33.	Rotary Switch	10
34.	Toggle Switch	25
35.	Solid Stack relay	40
36.	Patch card	100
37.	BNC to BNC	08
38.	BNC to Crocodile	08
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	04
52.	Extension board	04
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	02
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	08
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.	RCA Connector	01
89.	TV Aerial Plug	01
90.	BNC	01
91.	Connecter	01

Description of Goods

S.No.	Description of Goods	Qty.
1	Scientech 4062 D Function Generator 10 MHz Function Generator Arbitrary Waveform S/no. 0325323	1.00
2	Scientech 2664 DTH System Trainer S/no. 0126124	1.00
3	DM 96/97 Digital Multimeter S/no. 08258882	1.00
4	Power Electronics (Ims) Single User L Simtel 01 S/no. 012690	1.00
5	K-Derived Filter AB 49 S/no. 0122164	1.00
6	AM/FM Radio Receiver Scientech 266 S/no. 0126504	1.00
7	Scientech 2133 Basic GSM (Global System for Mobile Communication) S/no. 1225462	1.00
8	Scientech 2133-AM GSM (Global System for Mobile Communication Applications Module) S/no. 1225173	1.00
9	Simtel 13 Wireless Communication Single User License S/no. 0126113	1.00
10	Simtel 16 RF Microwave & RADAR Single User License (Ims) S/no. 0126556	1.00
11	Scientech 827 Electronic Workstation Customized Test & Measuring S/no. 0126820 Consisting: A-Scientech 4076-1 B-DM 97-1 C-DS 10542-1 D-NVIS 83-1 E-Scientech 4062 DM	1.00
12	Scientech 2702 SCR Triggering Circuit	1.00
13	Embedded System Simtel 06	1.00

Description of Goods

S.No.	Description of Goods	Qty.
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1	NVIS 5001A 8051 Universal Development Platform S/no. 11251377	1.00
2	NVIS 6041 Post Office Box Trainer (Wheatstone Bridge) S/no. 1125259	1.00
3	NVIS 6505 Hartley & Colpitts Oscillator Trainer S/no. 0125497	1.00
4	T & PI Network Trainer NVIS 6518 S/no. 1125158	1.00
5	NVIS 6530A Understanding Characteristics of DIAC TRIAC, And SCR S/no. 0855260	1.00
6	NVIS 7002 SMPS Trainer S/no. 0625531	1.00
7	Input Interface Module MC01 S/no. 0525661	1.00
8	ADC/DAC Module MC02 S/no. 0425770	1.00
9	Computer Interface Module MC 03 S/no. 0625587	1.00
10	Display Module MC 04 S/no. 0425883	1.00
11	Motor Drive Module MC 05 S/no. 0521362	1.00
12	Infrared Module MC 12 S/no. 012539	1.00
13	UJT Relaxation Oscillator PE 43 S/no. 0423279	1.00
14	Sciencetech 2110 (PAM-PPM-PWM Modulation & Demodulation Trainer) S/no. 08252561	1.00
15	Transmission Line Trainer Sciencetech 2266 S/no. 08241153	1.00
16	Sciencetech 2612A Advanced Analog Circuits Development Platform (S/no. 08251002)	1.00
17	Sciencetech 2708 Single Phase Control Rectifier S/no. 1124347	1.00
18	Sciencetech 2709 Single Phase Control Rectifier S/no. 0624173	1.00
19	Sciencetech 2712 Power Electronic Lab S/no. 02251422	1.00
20	Sciencetech 4077 B Multiple DC Power Supply S/no. 112571	1.00

Description of Goods

S.No.	Description of Goods	Qty.
1	NVIS 84 Rework System (Soldering & Desoldering & SMD Hot Air)	1.00
2	8085 Microprocessor Trainer Kit Model M 85-02 S/no. 022008	1.00
3	8086 Microprocessor Trainer Kit Model S/no. 1125570	1.00
4	NVIS 7063 Transmission Line Training System S/no. 0126168	1.00
5	Multi Interface Module MC 11 S/no. 1225159	1.00
6	Microwave Test Bench (Klystron Based) Model NV 9000 Consisting I-NVIS 102-1 II-NVIS 103 A-1 III-NVIS 250-1 IV-NVIS-DM 209, V-FM 205, VI-FS 224 VII-IS 204-1, VIII-KM 203, IX-MS 210 X-MT 212-1, XI-SS 207-1, XII-SST 220-1 XIII-TP 208-1, XIV-VA 206-1 XV-WECS 213 - 4 Nos.	1.00
7	NVIS 6504 Active Filters Trainer S/no. 1225493	1.00

SUMMARY : COMPUTER AND OTHER SUPPORTING ACCESSORIES

Desktop	215 NOS
Laptop	04 NOS
Server	Windows 2019 & Ubuntu
CCTV	100 CCTV Bowered by CP Plus
Laser Printer	15 NOS
Photocopier	03 NOS
Network	Wired & Wireless Both
Internet	100 MbPS 1:1 Lease Line form Jio Infocom
Headphone & Webcam	31
Projector	13
Audio System	05
UPS	08 NOS (04 x 10 KVA, 02 x 05 KVA, 02 x 1.5 KVA)
Inverter	02 NOS (01 – 1250 VA, 01 – 5 KVA)
Generator	01 NOS 160 KVA
3D Printer	01 NOS (Pratham Desktop 3D Printer)
Website	www.knipssengg.ac.in

SUMMARY: SOFTWARE

Sr.	System Software Name	Details
1	Windows 7	Operating System
2	Windows 10	Operating System
3	Windows Server 2003	Operating System
4	Windows Server 2019	Operating System
5	Red Hat Linux	Operating System
6	Ubuntu	Operating System

Sr.	Application Software Name	Details
1	MS-Office 2007 Pro	Microsoft Office suite for Windows
2	MS-Office 2019 Pro	Microsoft Office suite for Windows
3	Tally 9.0	Accounting Software
4	Code Gear C++ Pro	Software Development Tools
5	MS Visual Studio 2008	Software Development Tools
6	MS SQL Server 2005	DBMS Software
7	WinRar	Compressing Software
8	Autocad 3D	Computer-aided designing Software
9	Quick Heal Total Security Antivirus	Utility Software (Antivirus)
10	K7 Total Security Antivirus	Utility Software (Antivirus)

11	NPAV Net Protector Antivirus	Utility Software (Antivirus)
12	OnTime Attendance Software	Attendance Management Software
13	Mozilla Thunderbird	Open Source Email Client
14	LibreOffice	Open Office
15	Open Office 4.1	Open Office
16	Sci Lab	Open Source Software alternate for MET Lab
17	Apache web server	Open Source Web Server
18	Python	Programming Language
19	Mozilla Firefox	Web Browser
20	Visual Code Editor	source Code Editor
21	Notepad++	text and source code editor
22	MYSQL	Open Source DBMS
23	Java	Programming Language
24	C#	Programming Language
25	Code Block	C Open Source
Total number of System Software: 6		
Total number of Application Software: 25		