

K.L.N.COLLEGE OF ENGINEERING (AUTONOMOUS)

1.	Name of the Institution	K.L.N. College of Engineering (Autonomous)
	Address of the Institution	Pottapalayam-630612, Sivagangai District
	State	Tamil Nadu
	Phone number	0452-2090971
	Email	info@klnce.edu
	Website	https://www.klnce.edu
2.	Name and address of the Trust	K.L.N.Sourashtra College of Engineering Council
	Phone number	0452-2335062
	Email	cityoffice@klnce.edu
	Website	https://www.klnce.edu
3.	Name and Address of the Principal	Dr.A.V.RamPrasad
	Phone number	0452-2090184
	Email	principal@klnce.edu
4.	Name of the affiliating University	Anna University, Chennai
	Address	Guindy, Chennai
	Website	https://www.annauniv.edu
	Latest affiliation period	2021-2022

NBA Accreditation Status		
1	Name/ List of Programmes / Courses Accredited	B.E.Mechanical Engineering (3 years) B.E.Electrical and Electronics Engineering (3 years) B.E.Electronics and Communication Engineering (3 years) B.E.Computer Science and Engineering (3 years) B.Tech.Information Technology (3 years) https://www.klnce.edu/download/NBA_2019-2022.pdf
2	Applied for Accreditation	Not Applicable
	A. Applied but Visit not happened	
	B. Visit happened but result awaited	
3	List of programmes / courses Not Applied	M.E.Power Systems Engineering M.E.Communication Systems M.E.Computer Science and Engineering(WSN) M.B.A M.C.A.

NAAC Accreditation Status		
1	Accredited	Accredited with CGPA of 2.80 on seven point scale at B ⁺⁺ grade valid upto November 29, 2023

K.L.N.COLLEGE OF ENGINEERING (AUTONOMOUS)

Name of Programmes approved by AICTE for the year 2021-2022

S.No	Department	Sanctioned Intake for the year 2021-2022	Duration
1	B.E. Mechanical Engineering	90	4 Years
2	B.E. Electrical and Electronics Engineering	90	4 Years
3	B.E. Electronics and Communication Engineering	120	4 Years
4	B.E. Computer Science and Engineering	120	4 Years
5	B. Tech. Information Technology	90	4 Years
6	B. Tech. Artificial Intelligence and Data Science	30	4 Years
7	M.E. Power Systems Engineering	12	2 Years
8	M.E. Communication System	9	2 Years
9	M.E. Computer Science and Engineering (With Specialisation in Networks)	9	2 Years
10	M.B.A. Master of Business Administration	60	2 Years
11	M.C.A. Master of Computer Applications	60	2 Years

K.L.N.COLLEGE OF ENGINEERING (AUTONOMOUS)

Governance:

S. No.	Name of the Members	Position	Occupation
1.	Er.K.N.K. Karthik President, KLNCE	Chairman	Industrialist
2.	Dr. K.N.K. Ganesh Secretary, KLNCE	Member – Representing Management	Industrialist
3.	Shri. P.K.Mothilal Treasurer, KLNCE	Member – Representing Management	Industrialist
4.	Dr. K.B. Radhakrishnan Vice President, KLNCE	Member – Representing Management	Industrialist
5.	Shri.K.S.Babjee Gopinath Joint Secretary, KLNCE	Member – Representing Management	Industrialist
6.	Member (Ex-officio) – nominated by The Regional Officer, SRO, A.I.C.T.E. Chennai – 6.	Member (Ex-officio) Representing The Regional Officer, SRO, A.I.C.T.E. (Awaiting Nomination)	Member (Ex-officio)
7.	Nominee from the Chairman, Regional Committee, AICTE, Chennai.	Member Representing Regional Committee of AICTE, Chennai. (Awaiting Nomination)	Industrialist/ Technologist/ Educationist
8.	Dr.R.Saravanan, Professor, Department of Mechanical Engineering, CEG Campus, Anna University, Chennai – 600 025	Member – Nominated by the Anna University, Chennai.	Nominee of Anna University, Chennai
9.	Nominee of the Commissioner of Technical Education, Chennai.	Member(Ex-officio) Representing State Government	Nominee of the Commissioner of Technical Education, Chennai
10.	Dr.R.Muthuram, Asst.Prof./CSE,Government College of Technology, Coimbatore.	Member – nominated by State Government	Nominee of State Govt.
11.	Mr.L.R.J.Karthik Clinical Data Head	Member – Representing as Professional from Industry / Organisation	Renowned Alumni & Industrialist
12.	Dr. N.R. Neelakantan Former Professor, Chemical Engg. I.I.T., Madras	Member – Representing as Renowned Academia	Former Professor (I.I.T.Madras)
13.	Dr. A.V. Ram Prasad Principal, KLNCE	Principal and Member Secretary (Ex- officio) nominated by The Chairman, K.L.N. Saurashtra College of Engg. Council.	Principal
14.	Dr.R.M.Satheesh Kumar, Professor & HOD /Au.Engg., KLNCE.	Member – Representing as Faculty at the level of Professor (E & T)	Teaching Faculty
15.	Dr. S.N.R. Srikumar, Professor / MBA, KLNCE	Member – Representing as Faculty at the level of Professor (MBA)	Teaching Faculty
16.	Dr.J.K.Subashini, Professor & HOD / Maths, KLNCE	Member – Representing as Faculty at the level of Professor (S & H)	Teaching Faculty
17.	Dr.P.S.Kumaresh, Asst. Prof. (SG) / ECE,KLNCE	Member – Representing as Faculty at the level of Assistant Professor (E & T)	Teaching Faculty

K.L.N.COLLEGE OF ENGINEERING (AUTONOMOUS)

COMPOSITION OF AUTONOMOUS GOVERNING BODY MEMBERS

S.No.	Name of the Members	Position
1.	Er.K.N.K.Karthik President, KLNCE	Management & Chair person
2.	Dr.K.N.K. Ganesh, Secretary and Correspondent, KLNCE	Management
3.	Shri.P.K.Mothilal Treasurer, KLNCE	Management
4.	Dr.K.B.Radhakrishnan Vice President, KLNCE	Management
5.	Shri..K.S.BabjeeGopinath Joint Secretary, KLNCE	Management
6.	Prof. M.R.Bhagwan Singh Professor of Mech.Engg.(Retd) B.M.S.College of Engineering, Bangaluru.	U.G.C.Nominee
7.	Dr.M. Sarojadevi Professor, Department of Chemistry. CEG Campus, Anna University, Chennai	Anna University Nominee
8.	State Government Nominee	Awaiting Nomination
9.	Mr.P.G.S. Dinesh Davidson Asst.VicePresident(Operations), J.K. Fenner India Ltd, Madurai.	Member from Industry (Nominated by Management)
10.	Dr.A.V.Ram Prasad Principal, KLNCE	Ex-officio Member
11.	Dr.V.Kejalakshmi Professor &Head / ECE	SeniorTeacher
12.	Dr.R.M.SatheeshKumar Professor &Head / Automobile Engineering	SeniorTeacher
13.	Dr.S.N.R.Srikumar Professor /MBA	SeniorTeacher
14.	Dr.P.R.Vijayalakshmi Professor & Head / CSE and Controller of Examination	SpecialInvitee
15.	Dr. D.Pradeep Kannan Professor / EIE & IQAC Head	Special Invitee

Governing body and Academic Council meeting were held at a period of every six months in each and every Academic year.

K.L.N.COLLEGE OF ENGINEERING (AUTONOMOUS)

Academic Council Members

S. No.	Name of the member	Category
1.	Dr.A.V.Ramprasad, Principal	Chairperson
2.	Dr.Rames Chandra Panda Sr.Principal Scientist, Honorary faculty, Anna University, Chemical Engineering, CSIR-Central Leather research laboratory, Chennai – 600 020.	Anna University Nominee
3.	Dr.K.Sundareswaran Senior Professor, Department of Electrical and Electronics Engineering, National Institute of Technology, Tiruchirappalli - 620 015.	Anna University Nominee
4.	Dr.Sishaj P Simon Associate Professor, Department of Electrical and Electronics Engineering, National Institute of Technology, Tiruchirappalli - 620 015.	Anna University Nominee
5.	Dr.P.Asokan Professor HAG, Department of Production Engineering, National Institute of Technology, Tiruchirappalli - 620 015.	Academician
6.	Dr.A.Antony Franklin Associate Professor, Department of Computer Science and Engineering, Indian Institute of Technology, Hyderabad – 502 285.	Academician
7.	Dr.M.Manohar Deputy General Manager, Booster Hardware Fabrication Facilities (Materials & Mechanical Entity) Vikram Sarabhai Space Centre, Department of Space, Government of India, ISRO, Thiruvananthapuram - 695 022.	Research Organization
8.	Dr.S.J.Thiruvengadam Professor and Dean (Academics), Thiagarajar College of Engineering, Madurai - 625 015.	Academician

K.L.N.COLLEGE OF ENGINEERING (AUTONOMOUS)

S. No.	Name of the member	Category
9.	Mr. S.M. Manikandan Chief Operating Officer, M/s.Aparajitha Software Services Pvt. Ltd., Madurai.	Industrialist
10.	Dr.P.Udhaya Kumar	Chairman BoS / Department of Mechanical Engineering
11.	Dr.S.M.Kannan	Member Secretary & Chairman BoS / Department of Electrical and Electronics Engineering
12.	Dr.V.Kejalakshmi	Chairman BoS / Department of Electronics and Communication Engineering
13.	Dr.P.R.Vijayalakshmi	Chairman BoS / Department of Computer Science and Engineering
14.	Dr.P. Ganesh Kumar	Chairman BoS / Department of Information Technology
15.	Dr.R.M.Satheesh Kumar	Chairman BoS / Department of Automobile Engineering
16.	Prof.S.Nagammai	Chairman BoS / Department of Electronics and Instrumentation Engineering
17.	Dr.T.Jothimurugan	Chairman BoS / Department of Management Studies
18.	Dr.M.R.Ilango	Chairman BoS / Department of Master of Computer Application

K.L.N.COLLEGE OF ENGINEERING (AUTONOMOUS)

S. No.	Name of the member	Category
19.	Dr.J.K.Subashini	Chairman BoS /S & H
20.	Prof.N.V.Karthikeyan	HOD / Physics
21.	Prof. O.D. Shakila	HOD / Chemistry
22.	Dr.A.Raviekkumar	HOD / English
23.	Dr.M.R.Thansekhar	Professor / Mechanical Engineering
24.	Dr.R.Lakshmi	Associate Professor / Computer Science and Engineering
25.	Prof.T.R.Muthu	Assistant Professor / Electronics and Communication Engineering
26.	Dr.R.Selvarani	Associate Professor / Mathematics

Planning and Monitoring Board

S.No.	Name	Position (Chairman/ Member/)	Present professional position/Occupation
1	Dr.A.V.Ram Prasad	Chairman	Principal
2	Dr.S.Rajaram	Member	Professor, ECE Thiagarajar College of Engineering, Madurai
3	Mr.B.Saravanan	Member	Sr.Manager, Manufacturing, Sundaram Industries (TVS Rubber), Madurai
4	Dr. R.M. Sathesh Kumar	Member	HOD/Auto.Engg.
5	Dr. V. Kejalakshmi	Member	HOD//ECE
6	Dr. T. Jothi Murugan	Member	Director/MBA & MR

K.L.N.COLLEGE OF ENGINEERING (AUTONOMOUS)

Discipline and Welfare Committee

S.No.	Name	Position	Category
1	Dr.Ramprasad.A V	Chairman	Principal
2	Dr.Umarani.A	Member	Convener
3	Dr.Kannan S M	Member	Head of theDepartment
4	Dr.Kejalakshmi.V	Member	Head of the Department
5	Dr.Ganeshkumar.P	Member	Head of the Department
6	Mrs.Nagammai.S	Member	Lady faculty member

Grievance Redressal Committee

S.No	Name of the Faculty	Designation/ Dept	Position
1	Dr.A.V.Ramprasad	Principal	Chairman
2	Dr.A.Umarani	Professor/EIE	Convener
3	Dr.B.Buvaneshwari	ASP1/ ECE	Co Convener
4	Dr. A.Hemalatha	ASP1/ MECH	Member
5	Dr.C.Vimalarani	ASP1/EEE	Member
6	Dr.P.Karpagavalli	ASP1/ECE	Member
7	Dr.R.Lakshmi	ASP1/CSE	Member
8	Ms.S.Vijayasharmila	AP2/IT	Member
9	Mrs.N.Vishnudevi	AP2/EIE	Member
10	Mrs. T.Shobana Devi	AP2/MBA	Member
11	Mrs.M.S.C.Sujitha	AP2/MCA	Member
12	Dr.G.J.Deeparani	ASP/CHEM	Member
13	Dr.S.Gomathi,	Counselor	Member

K.L.N.COLLEGE OF ENGINEERING (AUTONOMOUS)

Internal Quality Assurance Cell (IQAC)

S.No.	Name	Category
1.	Dr. K.N.K. Ganesh Secretary & Correspondent	Management Representative
2.	Dr. A.V.Ramprasad, Principal	Chairperson
3.	Dr.D.Pradeepkannan, Prof/EIE	Coordinator- IQAC
4.	Dr.S.Venkatesan, Prof/EEE	Co-coordinator
5.	Dr.S.M.Kannan, Prof & Head/EEE	Member (teacher)
6.	Dr.V.Kejalakshmi, Prof & Head/ECE	Member (teacher)
7.	Dr.p.Udhayakumar, Prof & Head/Mech	Member (teacher)
8.	Dr. P.R.Vijayalakshmi, Prof &Head/CSE	Member (teacher)
9.	Dr.P.Ganeshkumar Prof &Head/IT	Member (teacher)
10.	Dr.M.R.Ilango Director MCA	Member (teacher)
11.	Dr.T.Jothimurugan ,Director MBA	Member (teacher)
12.	Dr.S.Porselvi, AP/Mech	Member (teacher)
13.	Mr.A.P.Ram Ganesh, AP/IT	Member (teacher)
14.	Mt. S. M. Baskar , Manager K.L.N.CE	Member(Administrative Staff)
15.	Dr. B. Parthasarathy ,Prof/ EEE	Member (Alumni representative)
16.	Mr. T.S.Rambhilash Babu, Managing Director, Jayasree spun bonds, Madurai	Member (Industrial External Expert)
17.	Mr.K.V.R.Srinivasan,	Member(parent representative)
18.	Ms. B.Keerthana, Roll no:216302, I-year AIDS	Member (Student Representative)

K.L.N.COLLEGE OF ENGINEERING (AUTONOMOUS)

Anti Ragging Committee

S.No.	Name	Position	Category
1	Dr. A.V. Ramprasad	Chairman	Principal
2	Dr.A.Umarani,	Convener	Professor / EIE
3	Dr. A.Hemalatha,	Member	ASP1/MECH
4	Dr.S.Balamurugan	Member	AP(SG)/ EIE
5	Dr.S.Sabarinathan	Member	AP(SG)/Maths
6	Mr.Sethu S	Member	Police Department, Inspector of Police Tiruppuvanam Police Station, Sivagangai Dist
7	Mr.Amaladoss A	Member	District Authority: Village Administrative Officer, Pottapalayam - 630 612.
8	Ms. Bimla Chandrasekar	Member	Director EKTA Resource Centre for Women Bethel Nagar, Bible Bhavan Street, Bypass Road, Ponmeni, Madurai- 625 016.
9	Mr. V. Devanathan	Member	Local Media: Education Reporter, THE TIMES OF INDIA, Madurai
10	Mr. M. Annadurai,	Member	Representatives of parents, 1/313, Section Officer in Madurai High Court, Mullainagar, Kadhakkinaru(PO), Madurai – 625107
11	Ms. Prathiksha K	Member	Student II Year, Representatives of Students
12	Mr.THIRUKODI SAMMARS A	Member	Student ,IV Mech, Representatives of Students
13	Mr..Soundrapandi	Member	Representatives Non-Teaching, Foreman Instructor

K.L.N.COLLEGE OF ENGINEERING (AUTONOMOUS)

COMPLIANT COMMITTEE MEMBERS (ICC)

S. No.	Name	Position in ICC	Profession
1.	Dr.A.V.Ramprasad	Advisor	Principal
2.	Dr.A.Umarani	Convener	Prof /EIE
3.	Dr.S. Ilangovan	Co-Convener	ASP1/IT
4.	Mrs.N.Vishnudevi	Co-Convener	AP2/EIE
5.	Dr.N. Nagasubramanian	Member	AP2/Mech
6.	Mrs. M. Amudha	Member	AP/(Sr.Gr)/ECE
7.	Mrs. R.Sridevi	Member	AP / EEE
8.	Dr.T.R.Vedhavathy	Member	Prof/CSE
9.	Mr.K. Vimal	Member	AP2 /IT
10.	Mr.N. Rajkumar	Member	ASP1/Auto
11.	Dr.R.S.Balasenthil	Member	ASP1/MBA
12.	Mrs.M.S.C.Sujitha	Member	AP1/MCA
13.	Mrs. K.K .Sharmila	Member	Sr.Lab.Inst.
14.	Mrs. Bimla Chandrasekar	Member	Ekta Resource centre for Women

WOMEN EMPOWERMENT CELL (WEC)

S.No	Name	Designation	Category
1.	Dr.A.V.Ramprasad	Principal	Chief Patron
2.	Dr. S. Ilangovan	ASP1/IT	Advisor
3.	Dr.A.Umarani	Prof /EIE	Convenor
4.	Dr.B.Buvaneswari	ASP1/ECE	Co- Convenor
5.	Dr. C. Anbu Meenakshi	ASP1/MECH	Member
6.	Dr. P.Karpagavalli	ASP/ECE	Member
7.	Dr. M.Ganesh Kumari	AP(Sr.Gr)/ EEE	Member
8.	Mrs.S.Jeneba	AP2/IT	Member
9.	Dr. S.Subhashini	AP2/CSE	Member
10.	Mrs.N.Vishnudevi	AP2/EIE	Member
11.	Mrs.M.S.C.Sujitha	AP1/MCA	Member
12.	Mrs. B.Shanthi	AP (SG)/MBA	Member
13.	Mrs. R.Kalaiselvi	AP2/MATHS	Member
14.	Dr. G.J.Deeparani	AP2/ CHEM	Member

K.L.N.COLLEGE OF ENGINEERING (AUTONOMOUS)

STUDENT WELFARE COMMITTEE

S.No	Name	Designation	Category
1.	Dr.S.Ilangovan	Associate Professor/ IT	Convener
2.	Dr.S.Sivaram	Associate Professor/ Mech	Member
3.	Mr.V.Aravindarajan	Assistant Professor/IT	Member
4.	Dr.T.Anantha Kumar	Director/Physical Education	Member

INNOVATION PROMOTION CELL

S.No.	Name and Designation	Position in IPC
1.	Dr. A.V. Ramprasad, Principal	IPC Chair Person
2.	Mr.S.Selvakumar, AP2/ECE	IPC Chief Coordinator
3.	Mr. S. Nallathambi, AP2/MECH	IPC Member/MECH
4.	Dr. S. Manoharan, AP(Sr.Gr)/EEE	IPC Member/EEE
5.	Mrs. S. Indumathi, AP2/ECE	IPC Member/ECE
6.	Mrs.N.Gajalakshmi,ASP1/CSE	IPC Member/CSE
7.	Mr. M. Satheesh Kumar, AP2/IT	IPC Member/IT
8.	Dr. S. Balamurugan, AP(SG)/EIE	IPC Member/EIE
9.	Mr. L. Vivek Krishna Kumar, AP(Sr.Gr)/AUTO	IPC Member/AUTO
10.	Dr. K.S. Hariharan, AP(Sr.Gr)/MBA	IPC Member/MBA
11.	Mr.P.Ganesh Babu, AP1/MCA	IPC Member/MCA

Institution's Innovation Council (IIC)

S.No.	Name of the Members	Position
1.	Dr.T.R.Vedhavathy, Professor/CSE	Convenor-
2.	Dr.M.Jegadeesan, ASP/EEE	Convenor-IIC
3.	Dr.S.Manoharan, AP/EEE	Member
4.	Mrs.Gajalakshmi, ASP/CSE	Member
5.	Mrs.R.Indumathi, AP/ECE	Member
6.	Dr.S.Balamurugan, AP/EIE	Member
7.	Mr.M.Satheeshkumar, AP/IT	Member
8.	Mr.S.Nallathambi, AP/Mech	Member
9.	Mr.L.Vivek krishnakumar, AP/Auto	Member
10.	Mr.T.S.Ramkumar, ASP / MBA	Member

K.L.N.COLLEGE OF ENGINEERING (AUTONOMOUS)

INDUSTRY INSTITUTE PARTNERSHIP CELL (IIPC)

S.No	Name	Designation	Organisation	Category
1.	Dr.A.V.Ramprasad	Principal	KLNCE	Chairman
2.	Dr.S.Parthasarathy	Professor	KLNCE	Convener
3.	Dr.T.Thyagarajan	Director	Centre for University - Industry Collaboration ,Anna University	Member
4.	Dr.V.Rajasekaran	Prof & Head, Department of EEE	P.S.N.A CET,Dindigul	Member
5.	Mr.Kathir Kamanathan	Chief Executive Officer	Chella Software, Madurai	Member
6.	Er.N.Sathiya Moorthi	Mill Services Engineer	Madura Coats Private Ltd, Global Thread Supply India, Madurai	Member
7.	Mr.M.Arun Rasith	Assistant Director(I/C)	MSME DI Skill Training Centre,Tuticorin.	Member
8.	Mr.S.A.Saravana Pandian	Managing Director	Embien Tech India Pvt Ltd,Madurai	Member
9.	Dr.S.M.Kannan	Prof & Head, Department of EEE	KLNCE	Member
10.	Dr.V.Kejalakshmi	Prof & Head, Department of ECE	KLNCE	Member
11.	Dr.R.M.Satheesh Kumar	Prof & Head, Department of Au.M.E	KLNCE	Member
12.	Dr.T.Jothimurugan	Director, Dept of Management Studies	KLNCE	Member
13.	Dr.P.Udhaya Kumar	Professor & Head/ Dept of Mech Engg., & Training & Placement Officer	KLNCE	Member
14.	Dr.D.Pradeep Kannan	Associate Professor, Department of EIE	KLNCE	Member

K.L.N.COLLEGE OF ENGINEERING (AUTONOMOUS)

Extra Curricular Activities Committee

S.No	Name	Designation	Category
1.	Dr. D. Satheesh Pandian	ASP/Mech.	Convener
2.	Mr. R.SomasKandan	ASP/MCA	Co-Convener
3.	Mr.D.Pravin Kumar	ASP/CSE	Member
4.	Dr. M.Jegadeesan	ASP/EEE	Member
5.	Dr. S.Ramesh	AP/IT	Member
6.	Mr. V.AravindaRajan	AP/IT	Member
7.	Mrs. A.Meena	AP/ECE	Member
8.	Mr. K.AyyamPandi	AP/Chem.	Member
9.	Mrs. K.Sathyabama	AP/Maths	Member
10.	Dr. T.Ananth Kumar	Physical Director	Member

NSS

Sl. No.	Name	Position
1	Mr.V.Aravindarajan, Assistant Professor / IT	Co-ordinator
2	Dr.S.Sabarinathan, Associate Professor/Maths	Co-ordinator

YRC

Sl. No.	Name	Position
1	Mr.V.Aravindarajan, Assistant Professor / IT	Co-ordinator

Rotaract

Sl. No.	Name	Position
1	Mr.V.Aravindarajan, Assistant Professor / IT	Co-ordinator

K.L.N.COLLEGE OF ENGINEERING (AUTONOMOUS)

Placement Details**2020 - 2021 Batch**

S.No	Name of the Company	No of Offers
1	4 I APP	1
2	6D TECHNOLOGIES	7
3	ACCENTURE	8
4	ACTIVE POWER	5
5	ADF DATA SCIENCE PVT LTD	3
6	APARAJITHA	1
7	APPTIVO	1
8	ARWIZON Digital Pvt Ltd	1
9	ASPIRE SYSTEMS	5
10	ATIS INDIA	1
11	ATOS SYNTEL	4
12	AXLES INDIA PVT LTD	12
13	BCT	1
14	BLACKBOARD	1
15	BROADCOM	1
16	BUDDI	1
17	BYJU'S	2
18	CAPGEMINI	6
19	CHAINSYS	6
20	CLOUDIX	14
21	COMCAST	1
22	COORDINALITY AI	1
23	CTS	15
24	CUBES SIMPLE	1
25	DATA PATTERN	1
26	DENODO TECHNOLOGY	1
27	DIAMOND PICK	1
28	DILIGENT SQUAD	1
29	DXC TECHNOLOGY	1
30	EMBIEN TECHNOLOGY	2
31	ENTECH CONSULTANCY	1
32	EPITRONIX TECHNOSOLUTIONS	1
33	EXPLEO SOLUTION	4
34	FACE	2
35	FUJITSU CONSULTANCY PVT LTD	1
36	GABRIEL TECHNOLOGY	3
37	HCL	8
38	HEXAWARE	10
39	IEXCEED TECHNOLOGY	1
40	ILINK MULTITECH SOLUTION	1

K.L.N.COLLEGE OF ENGINEERING (AUTONOMOUS)

2020 - 2021 Batch

S.No	Name of the Company	No of Offers
41	INFOBLOCKS	1
42	INFONET COMMUNICATION	1
43	INFOSYS	19
44	INTRASOFT	1
45	iOPEX TECHNOLOGY	1
46	IPLON TECHNOLOGY	1
47	ISOLVE GROUP OF COMPANIES	1
48	JASMIN INFOTECH	2
49	JUNAI HUB	1
50	KIT MOBILITY	1
51	L & T INFOTECH	2
52	LUCID IMAGING	1
53	LUMEN	1
54	MATICZ TECHNOLOGY	1
55	MAVERIC	1
56	MINDTREE TECHNOLOGY	2
57	MPHASIS	2
58	MSC TECHNOLOGY	1
59	NATS	1
60	NEEYAMO	4
61	NEXT SPHERE	1
62	OSIZ TECHNOLOGY	1
63	PIXEL WEB SOULTION	1
64	PRUVITY HR SOLUTIONS PVT LTD	1
65	RELIANCE	6
66	RENAULT NISSAN	2
67	SELLA INDIA SOFTWARE	1
68	SGTC PRO	1
69	SIXPHRASE	1
70	SMART COOLING SYSTEMS	1
71	SMART POINT	1
72	SMI	3
73	SOLARTIS	6
74	SONIC WALL	1
75	SOURCE ONE MANAGEMENT	1
76	SRUSHTY GLOBAL SOLUTIONS PVT LTD	1
77	SURYA TEJA	2
78	SUTHERLAND	25
79	SYSTECH SOLUTION	2
80	TATA ELXSI	1

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2020 - 2021 Batch

S.No	Name of the Company	No of Offers
81	TCS	45
82	TECH MAHINDRA	1
83	TOTAL PLANT AUTOMATION	1
84	TRIANGLE ENGINEERS	5
85	UNITAC ENERGY SOLUTIONS	1
86	V3 ANALYTICS PVT LTD	3
87	VERYX	1
88	VIHANGA EMBEDSOFT	3
89	VIOLIN TECHNOLOGY	1
90	VURAM	9
91	VYUKSHATHRIYA TECHNOLOGIES	1
92	WE ALLWIN TECHNOLOGY	1
93	WIPRO	11
94	YETHI COSULTANCY	1
95	ZOHO	4

K.L.N.COLLEGE OF ENGINEERING (AUTONOMOUS)

INFRASTRUCTURE**Class Room**

S.No.	Name of the Block	Area in sq.m.	Number of Rooms	Type of roof	Capacity
1	EEE	93.57	1	Permanent	85.06
2	EEE	90.93	1	Permanent	82.66
3	MECH	89.11	3	Permanent	243.03
4	ECE	85.81	2	Permanent	156.02
5	ECE	83.2	1	Permanent	75.64
6	ECE	77.96	2	Permanent	141.75
7	CSE	77.96	9	Permanent	637.85
8	MECH	77.96	11	Permanent	779.6
9	MBA	77.96	8	Permanent	566.98
10	EEE	76.68	8	Permanent	557.67
11	ECE	75.31	1	Permanent	68.46
12	EIE	70.2	2	Permanent	127.64
13	ECE	70.2	6	Permanent	382.91
14	IT	66.61	6	Permanent	363.33
15	EIE	66.61	1	Permanent	60.55
16	EEE	66.61	3	Permanent	181.66
17	EEE	99.62	1	Permanent	90.56

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Number of Drawing halls / Conference halls:

Degree	Number of Drawing Hall Required	Number of Drawing Hall Available	Area of the each drawing hall required (sq.m.)	Area of the drawing hall available (sq.m.)
B.E.	3	3	396	527
M.B.A.	1	1	132	156

LABORATORY DETAILS

S.No.	Department	Lab Name	Area in Sq.m.
1.	Mech	CAD Laboratory	187.87
2.		R &D Laboratory	44.59
3.		Mechatronics Laboratory	89.11
4.		Metrology Laboratory	89.11
5.		Dynamics Laboratory	89.11
6.		Strength of Materials Laboratory	151.69
7.		Steam Laboratory	150.98
8.		Heat and Mass Transfer Laboratory	150.98
9.		Internal Combustion Engine Laboratory	150.98
10.		Fluid Mechanics & Machinery Laboratory	217.30
11.		CAM Laboratory	89.18
12.		Machine Shop	357.34
13.		Engineering Practices Laboratory	351.71
1.	EEE	Electrical Machines Laboratory	413.46
2.		Power Electronics Laboratory	155.93
3.		Control System, Measurements and Instrumentation Laboratory	204.13
4.		Electronic, Digital Circuits & Microprocessor Lab	129.13
5.		Electric Circuits Laboratory	93.57
6.		Power System Simulation Laboratory – I/Project Lab-I	123.32
7.		Power System Simulation Laboratory – II	99.63
8.		Power System Simulation Laboratory - III	77.96
9.		Research &Development (R&D) LAB	98.82
10.		Project Lab-II	37.5

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S.No.	Department	Lab Name	Area in Sq.m.
1.	ECE	Electronics Laboratory	186.32
2.		Communication Laboratory	93.57
3.		Microprocessor Laboratory	124.18
4.		Microwave Laboratory	93.57
5.		DSP Laboratory	155.93
6.		VLSI Design Laboratory	155.93
7.		Embedded Laboratory	76.68
8.		Project Laboratory	60.35
9.		M.E. Communication Laboratory	93.57
1.	CSE	PDS Lab	68.04
2.		AC Lab	70.56
3.		SDS Lab	126.00
4.		Project Lab	116.64
5.		M.E. CSE Lab & M.E. R&D Lab	105.12
1.	IT	DBMS Lab	77.96
2.		CASE tools lab	77.96
3.		IT wifi lab	93.57
4.		FOSS lab	123.43
5.		MPMC lab	93.403
6.		R & D lab	57.151
7.		Networks lab	35.058
8.		Honeywell Sentience lab	132.6
1.	AUTO	CADD lab	186.66
2.		Vehicle maintenance Lab	109.8
3.		Automotive components Lab	160.93
4.		Automotive Fuels and Lubricants Lab	57.33
5.		Two and three Wheelers Lab	96.8
6.		Automotive Electrical and Electronics Lab	76.86
1.	EIE	Industrial Instrumentation Lab	124
2.		System Design Lab	124
3.		Process Control Lab I	93.6
4.		Process Control Lab II	93.6
5.		Transducer lab	124
1	MBA	MBA Lab	155.90
1	MCA	MCA Computer Centre	155.90
2		MCA Computer Lab & Research Lab	264.00
3		IBM Software Centre of Excellence	132.00
1	Phy	Physics Lab	200.80
2	Chem	Chemistry Lab	223.89

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3	English	Communication Lab	156
4	CCC Lab	CCC LAB	338.29

Software Details

Software required	Name of the software available
System software -(Three)	<ol style="list-style-type: none"> 1. WINDOWS SERVER 2003 2. WINDOWS SERVER 2008 3. WINDOWS SERVER 7 ENTERPRISES 4. WINDOWS XP PROFESSIONAL 5. OPEN SOURCE UBUNTU REDHAT LINUX
Application Software -(Twenty)	<ol style="list-style-type: none"> 1. ORACLE 11G 2. ORACLE 10 BASE STANDARD EDITION 10.1.0.2 3. CODE GEAR C PLUS PLUS 4. SCADA 5. XILINK 7.1 6. MATLAB 7.1 7. ETAP 5.5.6 8. PSIM V9 9. CADIAN 2008 10. ANIMATION SOFTWARE JASP VERSION 11. FORTRAN FOR DOS VERSION 3.001 12. C BASIC FOR DOS VERSION 3.1 13. WORD STAR 7.0 14. TURBO SUITE 4.5 FOR DOS WINDOWS INCLUDES C PLUS PLUS FOR WINDOWS 15. MICROSOFT FRONT PAGE 2003 16. MS OFFICE 2010 17. MICROSOFT VISUAL STUDIO 6.0 PROF 18. ADOBE PHOTOSHOP 8.0 CS2 CS4 19. MACROMEDIA FLASH MX 200 20. PAGEMAKER 21. SYMANTEC ENDPOINT PROTECTION 12 22. MATLAB 2012 B 23. RATIONAL SUITE 24. SPSS 21 25. TALLY

K.L.N.COLLEGE OF ENGINEERING (AUTONOMOUS)

DEPARTMENT OF MECHANICAL ENGINEERING

Name of the Laboratory: CAD Laboratory

S. No.	Name of the Major Equipments
1.	HP Business Desktop Model i3 - 2C - 7100 - 7th Gen Processor, 4GB (1*4GB) DDR4 Ram 1TB HDD, 7200 Sata, 18.5" TFT Led Monitor.
2.	Desktop Computer (Wipro), Core I3 -2120, 4GB DDR3 Ram, 500 GB Sata HDD, 18.5" TFT Monitor.
3.	Desk Top Computer Think Centre M55 {9389 AN6}, Intel Core 2 Duo@2Ghz Processor, 1GB DDR 2,160GB 7200 Sata HDD, 17" TFT Monitor.
4.	HP Pro lin Server
5.	HP Compag Commercial Desktop
6.	IBM M-Pro Intellistation P IV @ 2.8 GHz 1 GB RAM, 80 GB HDD,19" Monitor
7.	IBM M-Pro Intellistation P IV @ 2.8 GHz 256DDR GB RAM, 40 GB HDD,17" Monitor
8.	Lap Top HP 550 Compq Commercial
9.	Wipro Net Book
10.	AnsysAcadmic Teaching CFD Version 18.0
11.	Pro-E (Creo 3)
12.	Ansys 12 with Upgradation
13.	Edge CAM V10 Software (Permanent)
14.	Edge Cam Software Upgrade & License
15.	IDEAS 11.0 Software (Permanent)
16.	Auto Desk Inventor Series 5.0 (Permanent)
17.	Solid Edge V16 Software (Permanent)
18.	CADian Professional 2008 - Parmanent License
19.	Work Space 5.0 software (Permanent)
20.	Witness Simulation Software
21.	Cyber Power Link 5.0 KVA UPS
22.	CYBER 5.0 KVA UPS
23.	APC 5.0 KVA Smart UPS
24.	Liebert 6.0 KVA (192V, DC!GBT)
25.	1 KVA APC Ups
26.	Hitachi ED-27X Projector

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S. No.	Name of the Major Equipments
27.	Sony DX - 100 LCD Projector
28.	Sanyo PLS XD 2200 LCD
29.	Infocus Projector
30.	Eiki LCD Projector
31.	TOSHIBA Projector with Document Camera
32.	LCD Project006Fr EPSON
33.	HP - 202N Laser Network simplex Mono colour Printer
34.	HP-1005 All in one laser Mono colour printer
35.	HP Color Laser Printer Transfer from I.C. Lab 13.10.06
36.	HP Deskjet 1280 A3 size color
37.	HP Design jet 430 A1 size plotter (Mono)
38.	HP LJ 1160 Laserjet Printer
39.	PA System with Collar Mike
40.	PA System with Collar Mike
41.	Ahuja Amplifier SSA - 5000DP
42.	3DM Class Room Technology
43.	Mini Portable Amplifier
44.	Split A/c 1.5 Ton

Name of the Laboratory: R &D Laboratory

S. No.	Name of the Major Equipments
1.	Wipro I Value Desktop
2.	I - GrafX Flow Chartr 2011 License (Software)
3.	Timer Pro Professional Software
4.	Minitab 18 Software
5.	Robotics
6.	Liebert 6.0 Kva UPS
7.	Handycam Panasonic Camera

Name of the Laboratory: Mechatronics Laboratory

S. No.	Name of the Major Equipments
1.	HP Computers ,HP Compaq commercial Desktop Intel Core 2 DUO, 160GB SATA HDD, HP 17" TFT LCD Monitor
2.	HP Computers HP DX2480 (F8170) commercial Desktop, Intel core 2 Duel@2.93Ghz , Intel G33 chipset / 3GB Ram/ 320 GB Hdd/18.5" TFT/ Keyboard
3.	Think centre A55 (89855 AZ8) Intel Core 2 DUO @ 2Ghz

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S. No.	Name of the Major Equipments
	processor (E4400), 1GB DDR Ram, 80GB Sata HDD
4.	Fluidsim 3.6P Software Full Version
5.	Fluidsim 3.6H Software Full Version
6.	NI - Software LabVIEW
7.	Fluidsim Software (P & H) Network Licenses (1 upgradation License from 3.6 to 5 version + 9 Additional Licenses)
8.	Image Processing System with Hardware & Software
9.	UPS (Cyber) 5 KVA
10.	Torque Measurement Trainer
11.	Micro Processor 8085
12.	Stepper Motor Controller 2KG
13.	Capacitive Pickup
14.	Angle Measurement Trainer
15.	Electro Pnuematic Trainer Kits
16.	Programmable Logic Controller
17.	AC Servo Controller (open Loop)
18.	PID Controller
19.	Dual C R O
20.	Servo Motor Controller (CLOSE LOOP)
21.	Stepper Motor With Micro Controller
22.	NI Compact DAQ CARD
23.	NI USB DAQ CARD
24.	Hydraulic Trainer Kit (HTS 100)
25.	P L C Trainer Kit (ABB)
26.	Process Control Trainer Kit

Name of the Laboratory: Metrology Laboratory

S. No.	Name of the Major Equipments
1.	Co-ordinate Measuring Machine
2.	Surface Roughness Tester
3.	Auto Collimator
4.	Floating Carriage diameter Measuring Machine
5.	Tool Maker's Microscope
6.	Profile Projector
7.	Air Gauge Unit

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8.	Electrical Comparator
9.	Measurement of Torque
10.	Sine centre
11.	Vibration measurement
12.	Surface plate (Granite)
13.	Digital Snap Micrometer
14.	Force measurement
15.	Linear Variable Difference Transformer
16.	Air Compressor

Name of the Laboratory: Dynamics Laboratory

S. No.	Name of the Major Equipments
1.	Dynamic Balancing Machine
2.	Balancing of Reciprocating Masses
3.	Whirling of shaft
4.	Vibrating Table
5.	Motorised Gyroscope
6.	Vib – Lab Equipment
7.	Turn Table Apparatus
8.	Spring mass system (multi degree system)
9.	Vibration test facilities apparatus (Modrob)
10.	Governors
11.	Cam and followers
12.	Transverse vibration of free beam
13.	Balancing of rotating masses
14.	Static and Dynamic balancing machine
15.	Torsional natural frequency of single and double rotor systems
16.	Universal Governor

Name of the Laboratory: Strength of Materials Laboratory

No.	Name of the Major Equipments
1.	Universal Testing Machine
2.	Torsion Testing Machine
3.	Tensile Testing Machine
4.	Compression Testing Machine

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5.	Fatigue Testing Machine
6.	Wood Testing Machine
7.	Brinell Hardness Testing Machine
8.	Impact Testing Machine
9.	Metallurgical Microscope
10.	Muffle Furnace
11.	Rockwell Hardness Testing Machine – II
12.	Metallurgical Microscope (inverted type)
13.	Rosette Strain Gauge – I
14.	Rosette Strain Gauge - II

Name of the Laboratory: Steam Laboratory

S. No.	Name of the Major Equipments
1.	Air Compressor
2.	Air Blower
3.	Refrigeration Test Rig
4.	Air Conditioning Test Rig
5.	Mini – Power Plant
6.	LPG Refrigeration Test Rig

Name of the Laboratory: Heat and Mass Transfer Laboratory

S. No.	Name of the Major Equipments
1.	Natural convection apparatus
2.	Forced convection apparatus
3.	Guarded plate apparatus
4.	Lagged pipe apparatus
5.	Composite wall apparatus
6.	Insulating powder apparatus
7.	Pin-fin apparatus
8.	Stefan-Boltzmann constant apparatus
9.	Emissivity apparatus
10.	Parallel/counter flow heat exchanger
11.	Fluidized bed Cooling Tower

Name of the Laboratory: Internal Combustion Engine Laboratory

S. No.	Name of the Major Equipments
1.	Multi cylinder Petrol Engine

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2.	Twin Cylinder Four Stroke Diesel Engine
3.	Single Cylinder Four Stroke Diesel Engine
4.	Twin cylinder four stroke Diesel Engine (Hydraulic dynamometer)
5.	Computerised Single Cylinder 4S Diesel Engine with Eddy Current Dynamo Meter
6.	Single cylinder four stroke diesel Engine with Electrical dynamometer
7.	Single cylinder four stroke petrol Engine with Electrical dynamometer
8.	Two Stroke Cut section model Petrol Engine
9.	Four stroke cut section model Diesel Engine single cylinder
10.	Single Cylinder Two Stroke Petrol Engine

Name of the Laboratory: Fluid Mechanics & Machinery Laboratory

S.No.	Name of the Major Equipments
1.	Orifice meter setup
2.	Venturi meter setup
3.	Rotameter setup
4.	Pipe Flow analysis setup
5.	Turbo impulse turbine
6.	Centrifugal pump
7.	Submergible pump setup
8.	Reciprocating pump setup
9.	Jet pump
10.	Gear oil pump setup
11.	Pelton wheel setup
12.	Francis turbine setup
13.	Kaplan turbine setup

Name of the Laboratory: CAM Laboratory

S. No.	Name of the Major Equipments
1.	CNC Trainer Lathe Machine
2.	CNC Bench Milling Machine
3.	SGS 'T'-Turn 135 CNC Production Lathe

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S. No.	Name of the Major Equipments
4.	Aristo VA 6E Robot & Accessories for FMC
5.	Vertical Milling Machine
6.	CNC Electro Discharge Machine
7.	6KVA 3PH Voltage Stabilizer
8.	6.0 KVA UPS

Name of the Laboratory: Machine Shop

S. No.	Name of the Major Equipments
1.	Lathe
2.	Radial Drilling Machine
3.	ITCO Drilling Machine
4.	Slotting Machine
5.	Tool and cutter grinder
6.	All geared lathe
7.	Capstan lathe
8.	2D Herbert lathe
9.	Shaping (2Feet) Machine
10.	Shaping (1 ½ Feet) Machine
11.	Cylindrical grinding
12.	Surface grinding
13.	Planing Machine
14.	Gear Hobbing Machine
15.	Single Spindle Automatic Lathe
16.	10 Ton Power press
17.	40 Tonnes Hydraulic Press
18.	Brazing Machine
19.	Injection Moulding Machine(Plastic)
20.	Gear shaper
21.	Centreless Grinding
22.	Horizontal Milling Machine
23.	Horizontal Milling (Heavy type) Machine
24.	Lathe Tool Dynamometer
25.	Milling Tool Dynamometer
26.	Heavy duty Lathe

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Name of the Laboratory: Engineering Practices Laboratory (I Year Workshop)

S. No.	Name of the Major Equipments
1.	10" Surface Planning Machine
2.	20mm Rotary Hammer Drill
3.	Cordless Drilling Machine
4.	Shearing Machine JS-3200
5.	Router Machine MT-360
6.	Miter Saw Machine MT-230
7.	Makita - 235 mm Circular Saw
8.	Makita - 304 mm Planner
9.	Makita - 55mm Jig saw
10.	Demolition Hammer 1510 W
11.	Makita LS 1040 - 260mm Mitter Saw
12.	4" Bench Vice
13.	Work Table
14.	Pipe Vice
15.	Work Table
16.	Metallurgy Testing M/c
17.	Smithy Tools
18.	Gas & Arc welding accessories
19.	Gas with Accessories (Cylinders O ₂ & Acetylene)
20.	Welding machine
21.	Centre Lathe

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Name of the Laboratory : **Electrical Machines Laboratory**

S.No.	Name of the Major Equipments
1.	Rectifier Unit 100A (3Nos.)
2.	D.C motor – D.C. shunt generator set(5 Nos.)
3.	D.C motor-D.C. series generator(1No.)
4.	D.C motor- D.C.Compound generator(3 Nos.)
5.	D.C shunt motor (5 Nos.)
6.	D.C series motor (2 Nos.)
7.	D.C. Compound motor (2 Nos.)
8.	D.C. shunt motor- 3 phase Alternator set(6 Nos.)
9.	D.C.motor-3phase Auto Synchronous motor set (1 No.)
10.	D.C. motor- 3 phase Induction generator set(1 No.)
11.	BLDC Motor(1 No.)
12.	3 phase Slip ring Induction motor(2 Nos.)
13.	3 phase Squirrel cage Induction motor(5 Nos.)
14.	3 phase Synchronous motor(2 Nos.)
15.	Single phase Induction motor(4 Nos.)
16.	3 phase Winding study motor(1 No.)
17.	Digital Storage Oscilloscope 50MHZ(2 Nos.)
18.	Synchronizing panel (1 No.)
19.	10KW Three phase Resistive load(3 Nos.)
20.	10KW Single phase Resistive load(2 Nos.)
21.	Three phase Inductive load(3 Nos.)
22.	Three phase Variac (2 Nos.)

Name of the Laboratory : **Control System, Measurements & Instrumentation Lab**

S.No	Name of the Major Equipments
1.	Computers (30 Nos)
2.	D.C motor load test module (1No)
3.	Stepper motor trainer kit (2 Nos)
4.	D.C position servo trainer kit (4 Nos)
5.	D.C motor based position control (1No)
6.	A.C servo motor trainer kit (4 Nos)
7.	L.V.D.T Trainer Kit (6 Nos)
8.	P.I.D. Controller (3 Nos)
9.	CRO (5 Nos)
10.	Compensating Network (4 Nos)
11.	Synchos
12.	P,P.I,P.I.D Controller (1No)

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13.	Digital Storage Oscilloscope (4 Nos)
14.	Flow Rate Measurement (1No)
15.	I.C. Tester (3 Nos)
16.	Linear System Simulator (3 Nos)
17.	Three-phase Resistive Load (2 Nos)
18.	Three-phase Inductive Load (2 Nos)
19.	Pressure Transducer (1No)
20.	Measurements of iron loss Kit (4 Nos)
21.	D.C Servo Motor Kit (1No)
22.	D.C Motor Generator set (1No)
23.	A.C Position Controller Kit (2 Nos)
24.	RLC Bridge (2 Nos)
25.	Strain gauge (2 Nos)
26.	Optical Sensor (2 Nos)
27.	U.P.S 6.0KVA (1No)
28.	Power and Energy Measurement Kit (1No)
29.	Calibration of Rotameter Characteristics Kit (1No)
30.	RTD & Thermistor Kit (2 Nos)
31.	Oscilloscope Trainer Kit (1No)
32.	DC Current Source (2 Nos)
33.	NI Lab View Software (5 Users)
34.	Voltage to Frequency Characteristics of NE566 IC(2 Nos)
35.	Variability Voltage Regulator Using IC LM 317 (2 Nos)

Name of the Laboratory : **Power Electronics Laboratory**

S.NO	Name of the Major Equipments
1	Micro controller based speed control of Converter/Chopper fed DC motor (1 No)
2	Computer Wipro I Value & HP Dask top Intel Core i3 (12Nos)
3	PSIM Software 9.0 Version (1 No)
4	Gate Pulse Generation using R,RC and UJT (3 Nos)
5	Switched mode power converter module/Discrete Component (3 Nos)
6	Single phase Half & Fully controlled converter (3 Nos)
7	IGBT based single phase PWM inverter (3 Nos)
8	IGBT based 3 phase PWM inverter (3 Nos)
9	Step up/Step down chopper using MOSFET (2 Nos)
10	Realization of passive filter (2Nos)
11	Characteristics of a NPN Transistor under common emitter, collector and base (3Nos)
12	Characteristics of Semiconductor diode and Zener diode (2Nos)
13	Single Phase half & full wave rectifiers with inductive and capacitive filters (2Nos)
14	Frequency and Phase Measurements (2Nos)
15	Digital and Analog I.C. Tester (2 Nos)

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16	Cycloconverter kit with firing module (4 Nos)
17	Digital storage Oscilloscope(50Mhz) (5 Nos)
18	Dual Trace Oscilloscope(30Mhz) (10 Nos)
19	Digital function generator 2MHz (10Nos)
MODROBS	
1	DSP Based Vector Control Drive(TMS 320F2407A based DSP controller) (1 No)
2	Brush less DC Motor Drive (TMS 320F2812 based DSP controller) (1 No)
3	4 channel, color Digital Storage Oscilloscope 100MHz (1 No)

Name of the Laboratory : **Electric Circuits Laboratory**

S.No	Name of the Major Equipments
1.	Cathode Ray Oscilloscope(22Nos.)
2.	Digital Storage Oscilloscope(5 Nos.)
3.	Calibration of Energy Meter Kit(3 Nos.)
4.	Earth Tester(5 Nos.)
5.	3 Ø Resistive load(4 Nos.)
6.	1 Ø Resistive load(3 Nos.)
7.	Computer Systems(10 Nos.)
8.	TMS 320 C 5416 DSP Starter Kit (DSK) Fixed Point DSP(6 Nos.)
9.	TMS 320 C 6713 DSP Starter Kit (DSK) Floating Point DSP(1 No.)
10.	5 KVA UPS (1 No.)
11.	Function Generator Trainer Kit(1 No.)
12.	DC Current Source(3 Nos.)
13.	Electrical Parameters Measurement Kit with RLC Load(3 Nos.)
14.	Residential house wiring kit(1 No.)
15.	CRO demo module kit(1 No.)

Name of the Laboratory : **Electronic, Digital Circuits & Microprocessor laboratory**

S. No	Name of the Major Equipments
1.	DC RPS(8 Nos)
2.	30MHZ Dual Trace Oscilloscope(6 Nos)
3.	3MHZ Function Generator (3 Nos)

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4.	DSO(5 Nos)
5.	Universal IC Tester(1 No)
6.	Computer Systems (5 Nos)
7.	UJT Characteristics and Saw Tooth Generation using UJT (3 Nos)
8.	Oscilloscope Trainer Kit(1 No)
9.	Texas Instruments Innovation Lab Setup (5 Nos)
10.	EZ430-RF2500(1 No)
11.	LCD Projector (1 No)
12.	Current probe & DC load (1 No)
13.	Power Management lab using PMLK PRO (1 No)
14.	Microcontroller Lab using MSP430 16bit UC(1 No)
15.	Real Time Controller Lab using C2000 32bit UC/DSP(1 No)
16.	Advanced Embedded System Lab using ARM Contex M4(1 No)
17.	IoT Application Lab Kit(1 No)
18.	Programmable DC Electric Load Rating:150W(1 No)

Name of the Laboratory : **POWER SYSTEM SIMULATION LABORATORY – I**

S.No	Name of the Major Equipments
1	HP server (1 No.)
2	Wipro, Core i3 System (13 Nos.)
3	HP system (27 Nos.)
4	6 KVA UPS (1 No.)
5	5 KVA UPS (1 No.)
6	HP Laserjet Printer (11 Nos.)
7	LCD Projector(15 Nos.)

Name of the Laboratory : **POWER SYSTEM SIMULATION LABORATORY – II**

S.No	Name of the Major Equipments
1.	Computers(32 Nos.)
4.	UPS 6 KVA(1No.)
5.	Printer HP Laser jet (No.)
6.	Software ETAP &PSCAD/EMTDC 5 Users
7.	Power World Simulator Unlimited
8.	AU Power Lab 30 Users
9.	MATLAB 25 Users

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Name of the Laboratory : **POWER SYSTEM SIMULATON LABORATORY – III**

S. No	Name of the Major Equipments
1.	Wipro I Value core i3-550 Computer Systems – 29
2.	EATON 6.0 UPS – 1
3.	Digsilent Power Factory V14, 25 Users LAN License Software (ITEM CODE- PSS DIGSILENT 40130 – 25
4.	Digsilent Power factory 14.1.2 Research,license software - 1

Name of the Laboratory : **Project, R&D lab**

S.No.	Name of the Major Equipments
1.	‘FLUKE’ Power Quality Analyser (1No.)
2.	HP 4350 S LAPTOP(1No.)
3.	I Flex cable 3000A(3Nos.)
4.	FLUKE OC4 USB Interface cable(1No.)
5.	I Flex cable 3000A(1No.)
6.	Energy Auditor Electrical appliance tester (1No.)
	RS485 to USB converter(1No.)
7.	1ph 6KVA Street light AMR(15Nos.)
	3 PH 21KVA Street light AMR(3Nos.)
8.	Street light controller 1 ph 6 KVA(18Nos.)
	Street light controller 3 ph 6 KVA(5Nos.)
9.	Polycrystalline PV Panel 500W(1No.)
10.	DSP Trainer kit(1No.)
11.	Maximum Demand Controller(1No.)
12.	24V, 500W Inverter panel accessories(1No.)
13.	PLC, Panel and accessories set, VFD and Motor(1No.)

DEPARMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Name of the Laboratory : **ELECTRONICS LABORATORY**

Sl.No	Name of the Equipment
1.	30MHz Dual Trace CRO (16 Nos)
2.	50MHz Digital Storage Oscilloscope (8 Nos)
3.	1 MHz Function Generator (23 Nos)
4.	3 MHZ Function Generator (18 Nos)
5.	(0-32V/1A) Dual RPS (18 Nos)

Name of the Laboratory : **COMMUNICATION LABORATORY**

Sl.No	Name of the Major Equipments
1.	50MHz Digital Storage Oscilloscope (5 Nos)

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2.	60 MHz Dual Trace Oscilloscope (3 Nos)
3.	30MHz – 2 Channel Dual Trace CRO (9 Nos)
4.	1 MHz Function Generator/Counter (11 Nos)
5.	Dual Regulated Power Supply (20 Nos)
6.	VLSI Based Digital Communication Trainer (2 Nos)
7.	500MHz Spectrum Analyzer(1 No)
8.	100MHz Oscilloscope(2 Nos)
9.	Antenna Training System with 22 Antennas(1 No)
10.	Antenna Training System with 4 Antennas (1 No)
11.	RF Circuit Trainer (1 No)
12.	TDM –Pulse Code Modulation & Demod. Kit (2 Nos)

Name of the Laboratory : MICROPROCESSOR & MICROCONTROLLER LABORATORY

Sl.No	Name of the Major Equipments
1.	Micro 85 EB Trainer Kit (27 Nos)
2.	Micro 86/88 Trainer Kit (37 Nos)
3.	8051 Micro Controller Kit (30 Nos)
4.	Dc Motor Speed Measurement & Control (7 Nos)
5.	Pc-Based Logic Analyser & In- Circuit Emulator (1 No)
6.	Orcad Layout Plus Software (1 No)
7.	8085 Cross Assembler Software Package (1 No)
8.	Hp Intel i3 System (32 Nos)
9.	UPS 6KVA With Battery (1 No)
10.	IOT Economical Solution (1 No)

Name of the Laboratory : VLSI LABORATORY

Sl.No	Name of the Major Equipments
1.	HP Server (1 No)
2.	IBM Systems(14 Nos)
3.	Lenovo Systems(18 Nos)
4.	6 KVA UPS(2 Nos)
5.	LAN Trainer Kit with 'NET SIM' Software(8 Nos)
6.	FPGA Trainer Kit(15 Nos)
7.	HP System (54 Nos)
8.	XUP V5 VLSI Trainer Kit(1 No)
9.	Xilinx 11.1 Software(25 Users)
10.	Spartan 3E Development Board (1 No)

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11.	NET FPGA(1 No)
12.	Xilinx Vivado 2014.4 Software(25 Users)
13.	Cadence Software (10 Users)
14.	Nexys 4 DDR Artix-7 FPGA Board(10 Nos)
15.	Analog Discovery Kit (3 Nos)
16.	Open Scope Board(3 Nos)
17.	Zedboard Zynq-7000 Development Board(1 No)
18.	Altera DE2 FPGA Development Board(1 No)

Name of the Laboratory : MICROWAVE LABORATORY

Sl.No	Name of the Major Equipments
1.	X-Band Microwave Test Bench:(Microwave Source, Klystron Power Supply, Detector, Isolator with Termination, Attenuator, Frequency meter, slotted line section with tunable probe, Solid State VSWR meter) (4 sets)
2.	Fiber Optic Connectorization Cum Splicing Kit (1 No)
3.	Microwave Power Meter(X-Band and J-Band) with sensor 100KHZ to 18 GHZ (1 No)
4.	Microwave J-Band Complete Test Bench Setup (1 set)
5.	Klystron Power Supply (11 Nos)
6.	Gunn Oscillator (6 Nos)
7.	25 MHZ 2 Channel 4 Trace CRO (4 Nos.)
8.	30 MHZ Dual Trace CRO (5 Nos.)
9.	Bench Mark-Fiber Com-OFT Optical and Digital Communication Trainer Kits (6 Nos)
10.	FALCON make Fiber Optic Kit Complete Set (1 Set)
11.	LT-2506 Laser Fiber Optic Trainer (2 Nos.)
12.	Optical Power Meter(850/1310/1550nm (3 Nos.)
13.	Fiber Link C Basic Fiber Optic Trainer Kits (8 Nos.)
14.	Fiber Optic Kit Multiplex and Demultiplex (1 No)
15.	RF Vector Network Analyzer (1No)
16.	50 MHz Digital Storage Oscilloscope (5Nos)
17.	Mode Characteristics of fiber optics (1 No)

Name of the Laboratory : EMBEDDED SYSTEM LABORATORY

Sl.No	Name of the Major Equipments
1.	HP Business Desktop Model 280G1 Series Computer (15 Nos)

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2.	UPS 6 KVA (1 No)
3.	PS-PRIMER-ARM7 LPC214X Kit (3 Nos)
4.	TYRO-ARM LPC2929 Starter Kit (3 Nos)
5.	SPIRIT –II LPC2148 ARM7 Project Board (2 Nos)
6.	Explorer ARM9 AT91SAM9260 Embedded Development Board (2 Nos)
7.	TAURUS ARM9 AT91SAM9263 Embedded Development Board (1 No)
8.	ARM FPGA FUSION Embedded Development Kit (1 No)
9.	ARM Cortex M4 Development Board (2 Nos)
10.	ARM 9 Friendly Development Board (1 No)
11.	WSN Development Board (1 No)

Name of the Laboratory : PROJECT LABORATORY

Sl.No	Name of the Major Equipments
1.	Think Center Lenovo Computer (5 Nos)
2.	HP Compaq Desktop E4600 Computer (5 Nos)
3.	HP Commercial Desktop E7500 Computer (10 Nos)
4.	KVA UPS (1 No)
5.	DEO FPGA Board (10 Nos), DE2-70 FPGA Board (2 Nos), 5 Mega Pixel Camera (2 Nos), 4.3 LCD Touch Panel (2 Nos)
6.	Sony LCD Projector (6 Nos)
7.	LCD Projector (2 Nos)

Name of the Laboratory : DSP LABORATORY

Sl.No	Name of the Major Equipments
1.	HP System (59 Nos)
2.	IBM (4 Nos)
3.	WIPRO System (7 Nos)
4.	DSP TRAINNER KIT: TMS320C33 DSP Trainer kit (2 Nos) TMS320C50 DSP Trainer kit (6 Nos) TMS320C5416 DSP Trainer kit (13 Nos) TMS320C6711 DSP Trainer kit (1 No) TMS320C6713 DSP Trainer kit (3 Nos) ADS 2181 Kit (3 Nos) VLSI Trainer kit (1 No) DSP STARTER KIT TMS320F28335 DSK (1 No)

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5.	<u>MAT LAB SOFTWARE:</u> MATLAB TOOLS R2012A(7.14.0739) (25 USER) MATLAB RELEASE PACKAGE REL 6.0 VER12.0 (5 USER) MATLAB R2013A (8.1.10.604) (5 USER)
6.	25/30 MHZ CATHODE RAY OSCILLOSCOPE (CRO) (12 Nos)
7.	1/2/3 MHZ FUNCTION GENERATOR (24 Nos)
8.	LCD Projector (1 No)
9.	LAB VIEW a) NI ELVIS II Circuit Design Bundle (1 No) b) Free scale microcontroller prototype board (1 No) c) NI Digital Electronic FPGA board (1 No)
10.	6.0 KVA UPS (2 Nos) –Rs. 2,35,150/-,
11.	<u>CYPRESS PSOC</u> a) CY8CKIT-003KIT (1048k100133,128,011) (3 Nos) b) CY8C 28-CY8C KIT (2 Nos)
12.	TEXAS INSTRUMENTS a) ADC Evolution board (1 No) b) DAC Evolution board(1 No) c) Power Amplifier Evaluation board(1 No) d) WIFI Module LANUCH XL (1 No)
13.	Digital Radiation detector solar cell energy Tester Tes-1333 (1 No)
14.	50 MHZ Digital Storage Oscilloscope(4 Nos)

Name of the Laboratory : COMMUNICATION SYSTEM LABORATORY (M.E)

Sl.No	Name of the Major Equipments
1.	Spectrum Analyzer with Tracking Generator 1 GHZ (1 No)
2.	Signal Generator with Detector 1 GHZ (1 No)
3.	Orcad Capture with Pspice A/D –Software Package (2 users)
4.	Global Positioning Training System (2 Nos)
5.	Transmission Line Trainer Analyzer (2 Nos)
6.	Dual Trace Oscilloscope with CT (30 MHZ) (10Nos)
7.	DSP Processor kit (TMS 5416) & (TMS 6713) (4 Nos)
8.	DSP Processor kit (TMS 6713) (2 Nos)
9.	IE3D Antenna Software (1 user)
10.	Antenna Trainer Kit (2 Nos)
11.	Pulse Generator (3 Nos)
12.	Digital IC Trainer Kit (20 I/P, 10I/P, 16I/P) (28 Nos)
13.	Wipro ivalue desktop (16 Nos)
14.	Cyber5.0Kva(120v Dc, IGBT)Pure on line UPS (1 No)
15.	RF/MIC Trainer (1set)
16.	Battery 12V/42AH (10 Nos)
17.	50MHz Digital Storage Oscilloscope (2 Nos)

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LIST OF NON RECURRING EQUIPMENTS (R&D)

Name of the Laboratory : COMMUNICATION SYSTEM LABORATORY (M.E)

Sl.No	Name of the Major Equipments
1.	Ansoft Academic Research HF (1 user perpetual)
2.	Dual Trace Oscilloscope with CT (30 MHZ) (5Nos)
3.	Embedded and programmer kits (17 Nos)
4.	Real Time Video and Image Processing hardware kit(1 No)
5.	Xilinx SDSOC (25 user)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Name of the Laboratory: Advanced Computing Lab

Sl. No.	Name of the Major Equipments	Qty Available
1.	HP Business Desktop Model Prodesk 280 G1 series Intel core i3-4160 Processor, 8 GB DDR3 RAM, 500 GB SATA Hard Disk Drive. 18.5" TFT LED Display HP KB & Mouse (16 GB RAM in one system)	30
2.	Libert 6.0 KVA UPS (UPS 2)	1
3.	LCD Projector SANYO PLC XW 200 (MP7 – AC Lab)	1

Name of the Laboratory: Programming and Data Structure Lab

Sl. No.	Name of the Major Equipments	Qty Available
1.	HP Business Desktop Model Pro desk 280 G2 series Intel Core i3- 6100 Processor, 2 x 4 GB DDR4 RAM, 500 GB SATA Hard Disk Drive, 18.5" TFT LED Display HP KB & Mouse	30
2.	Libert 6.0 KVA UPS (UPS 6)	1
3.	PA System AMO DPA 770	1

Name of the Laboratory: Software Development and Simulation Lab (Area: 1714.28 Sq. Ft)

Sl.No.	Name of the Major Equipments	Qty Available
1.	HP Proliant Server ML-10 Intel Xeon E3-1220 V2, (3.1 GHz/4- core/8MB/69W) 2x4 GB DDR3 RAM, 1 TB SATA 3 LFF (3.5 inch) HDD Non hot plug SATA RAID Controller, DVD ROM 1x300 W, 18.5' TFT LED Monitor, HP USB Keyboard, HP USB Optical Mouse.	2
2.	IBM x 220 Intel Pentium III @ 1.26GHz (512 MB Cache) / 256 MB	1

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	ECC RAM / 18.2. GB Ultra SCSI HDD Integrated with SCSI Card / 40x CD-Drive / 1.44 MB FDD / IBM Keyboard / IBM 2 Button Mouse / 15" IBM Color Monitor / 10/100 Mbps Ethernet Card	
3.	Wipro Server Z2531-0097 1X E5504 (AC 2.0 GHz, 4MB cache, 4.8 GT/S), Intel 5500 chipset, 8 GB DDR3 1066 Reg. ECC, 500 GB SATA HDD, 7200 rpm no RAID, No HSHDD, No RPS, DVD writer/keyboard/mouse. 18.5" TFT Color Monitor.	1
4.	HP 3330 MT Desktop, Intel Core i3 Processor, H61 Chipset Mother Board, 500 GB SATA HDD, 18.5" TFT LED Monitor, HP USB Key Board and Optical Mouse. 4GB DDR3 RAM - 45 Nos. 8GB DDR3 RAM - 15 Nos.	60
5.	Wipro Note Book Intel ATOM Processor N450/Intel NM10 Express chipset /2GB DDR2 RAM, 320 GB HDD 10.1 inch LCD, Li -Ion Battery / Wi-Fi LAN	3
6.	4.0 TB Seagate External Hard Disk Drive	2
7.	Libert 6 KVA UPS (UPS 1)	1
8.	Libert 6 KVA UPS (UPS 3)	1
9.	D-Link 24 Port Semi Manageable Ethernet Switch	1
10.	Sanyo DLP Technology DSU 20E LCD Projector (MP2 – Stand by)	1
11	Sanyo PX XD 2200 LCD Projector(MP9 – CSE Lab & MP10 – CS 04)	2
12.	Hitachi ED-27X, XGA / 2700 Ansi LCD ProjectorMP 17 - CS 01, MP 18 - CS 02, MP 19 - CS 03, MP 20 - CS 05	4

Name of the Laboratory: Project Lab

Sl.No.	Name of the Major Equipments	Qty Available
1.	Wipro Ivalue Desktop Intel Core i3-550 @ 3.2 GHz, 4 MB cache Intel H55 chipset 4 GB DDR3 1.66 MHz RAM, 500 GB SATA HDD @ 7200 rpm, 19' wide TFT Monitor, Multimedia KB, Optical mouse.	10
2.	Wipro Ivalue Desktop Intel Core i3-550 @ 3.2 GHz, 4 MB cache Intel H55 chipset 4 GB DDR3 1333 MHz RAM, 320 GB SATA HDD @ 7200 rpm, 18.5' wide TFT Monitor, Multimedia KB, Optical mouse.	16
3.	Wipro Ivalue Desktop Intel core i3-2120(3M Cache, 3.30GHz) Intel H61 Chipset, 4 GB DDR3 1333 MHz RAM, 500 GB SATA HDD@7200 rpm, 18.5" Wide TFT Monitor Multimedia keyboard, Optical Mouse, Windows 7 Home Basic Preloaded	24

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4.	HP Business Desktop Prodesk 280 G3 Series, Intel core i3 – 2c 7100 7th Gen Processor, 4GB (1 x 4GB) DDR4 RAM, 1TB 7200 SATA – 6G, 18.5” TFT LED Display, HP KB and Mouse, Gigabit Ethernet Adapter	20
5.	Libert 6 KVA UPS with 12v X 24ah X 16 Nos Battery (Staff Room)	1
6.	Libert 6 KVA UPS (192 V, IGBT) online UPS with 16 Nos Battery (UPS 4 & UPS 5)	2
7.	SONY DX – 100 LCD Projector (With Ceiling Mount Kit, VGA Cables) MP11 – CS 07, MP12 – CS 08 and MP13 – Stand by (Server Room)	3

Name of the Laboratory: M.E. CSE Lab

Sl.No.	Name of the Major Equipments	Qty Available
1.	HP Compaq Commercial Desktop Intel Core 2 DUO E7200 Processor, Intel G33 Chipset MBD, 2 GB DDR2 RAM, 160 GB SATA HDD, HP KBD Optical Mouse HP 17” TFT LCD Monitor	12
2.	Wipro Ivalue Desktop Intel core i3-2120(3M Cache, 3.30GHz) Intel H61 Chipset, 4 GB DDR3 1333 MHz RAM, 500 GB SATA HDD@7200 rpm, 18.5” Wide TFT Monitor Multimedia keyboard, Optical Mouse, Windows 7 Home Basic Preloaded	12

Name of the Laboratory: M.E. R & D Lab

Sl.No.	Name of the Major Equipments	Qty Available
1	Wipro core i32100 3.10 GHz, 3 MB/320 GB SATA 2, 7200 RPM, HDD/4 GB DDR3, 1333 Memory/TFT 18.5 wide monitor	20
2	Wipro Ivalue Desktop Intel core i3-2120(3M Cache, 3.30GHz) Intel H61 Chipset, 4 GB DDR3 1333 MHz RAM, 500 GB SATA HDD@7200 rpm, 18.5” Wide TFT Monitor Multimedia keyboard, Optical Mouse, Windows 7 Home Basic Preloaded	4
3	XGA 1024 x 768 Resolution 2,500 ANSI Lumens light output 2500:1 contrast Ratio, 4.500 hours Lamp life (standard mode) 6,000 hours Lamp Life, Ceiling Mount Kit, VGA Cable & 8x6 Wall mount Screen Model : HITACHI, Make : CPDX250 MP 15 & MP 16	2
4	Libert power Bank Model 6.0 KVA (192 V DC) KVA IGBT Based Pure Online UPS with Battery Back-up using 16 Nos. of Exide/Quanta 12 V, 26 Ah SMF-VRLA Type	1

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DEPARTMENT OF INFORMATION TECHNOLOGY**Name of the Laboratory: IT-CASE TOOLS LAB**

S.No	Name of the Major Equipments
1	IBM Server
2	Client Systems

Name of the Laboratory: IT-DBMS LAB

S.No	Name of the Major Equipments
1	Client Systems
2	Client Systems
3	Projector- Sanyo

Name of the Laboratory: IT-MP-MC & DIGITAL LAB

S.No	Name of the Major Equipments
1	HCL Server
2	Client Systems
3	Projector-Panasonic

Name of the Laboratory: IT-FOSS LAB

S.No	Name of the Major Equipments
1	HCL Server
2	Client Systems
3	Projector-Hitachi

Name of the Laboratory: IT-WI-FI LAB

S.No	Name of the Major Equipments
1	Laptops
2	Wireless LAN
3	Projector-Sanyo

Name of the Laboratory: IT-R&D LAB

S.No	Name of the Major Equipments
1	Systems
2	Projector-Hitachi

Name of the Laboratory: IT-NETWORKS LAB

S.No	Name of the Major Equipments
1	Systems

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DEPARTMENT OF AUTOMOBILE ENGINEERING

Name of the Laboratory: Vehicle Maintenance Lab

S.No	Name of the Major Equipments
1.	Cylinder Re-boring Machine
2.	Honing Machine Triple Speed
3.	Brake Drum Lathe
4	Hydraulic Press
5	Auto line Computerized 4 Wheel Alignment System
6	Valve Reface Machine
7	Engine Analyzer Kts 570
8	Premier Make Universal Drilling Machine
9	Premier Make Geared Drilling Machine
10	FIP Calibration Test Bench
11	Sub Sonic Wind Tunnel
12	Lap Top (Engine Analyzer Kts 570 Use)
13	Tyre Remover T 900
14	9 Ton Hydraulic Pipe Bending Machine
15	Electro Hydraulic two post Lift
16	ESI(tronic) Software updted
	Total Cost

Name of the Laboratory: Computer Aided Automotive Design& Drafting Lab

S.No	Name of the Major Equipments
1	Apc 5.0 KVA Smart Ups System
2	INFOCUS Projector
3	Solid Works Software
4	Cyber 3.0 KVA Ups System
5	40 AH Battery- 6Nos
6	P. A. Systems (audio)
7	LCD Infocus Digital Projector & Accessories- 2Nos
8	HP Compaq Dx 2480 Computer- 4 Nos
9	HP Compaq Dx 2480 Computer- 12 Nos
10	Wipro Computers-3 Nos

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11	Wipro Computers-3 Nos
12	Wipro Computers-10 Nos
13	Wipro Laptop
14	HP Computers – 3Nos
16	HP Proliant Server
17	HP Computers – 5 Nos
18	Over Head Projector
19	Portable Wireless Teaching Amplifier
20	Hp LaserJet Printer M1005
21	Apc 6.0 KVA Smart Ups System
22	Hitachi LCD Projector
23	HP LaserJet All in one Printer M1005

Name of the Laboratory: Automotive Components Lab

S.No	Name of the Major Equipments
1	Isuzu Engine
2	Leyland Engine
3	Ambassador Engine (Petrol)
4	Ambassador Engine (Diesel)
5	Maruthi Engine
6	Fiat Engine
7	Portable Crane
8	Leyland Chassis Heavy Duty
9	Ambassador Car (Petrol)
10	Triple Lens Power Projector (OHP)
11	TATA Bens Chassis
12	Smoke Density Meter
13	Maruthi 1000cc Engine
14	Engineering Mechanics Demo Items
15	1.3 Multi jet 4 Cylinder Diesel Engine
16	Bio – Diesel Extractor Setup
17	Cut section of MPFI 3 Cylinder Engine
18	Working Model of Power Steering
19	Diesel Fuel System Demo Board
20	Cut section model of Sliding mesh gear box

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21	Cut section model of Automatic transmission of a car
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Name of the Laboratory: Two and Three Wheeler Lab

S.No	Name of the Major Equipments
1	Bajaj Auto (3 Wheeler)
2	Computerized Shock Absorber Test Rig
3	Computerized Two Wheeler Chassis Dynamo Meter
4	Two Wheeler Chain Tension Test Rig
5	Working model of Two wheeler Transmission system

Name of the Laboratory: Auto Electrical Lab

S.No	Name of the Major Equipments
1	Head Lamp Aligner
2	Battery Charger(Heavy Duty)
3	Auto Electrical Test Bench

Name of the Laboratory: Automotive Fuels and Lubricants Lab

S.No	Name of the Major Equipments
1	BOMB Calorie Meter
2	Gas Calorie Meter
3	Reid vapor Pressure Tester
4	5 Gas Analyzer (CRYTON 290)
5	Carbon Residue Apparatus
6	Copper Strip Corrosion Test Apparatus
7	Ash Content Test Equipment

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING**Name of the Laboratory: Industrial Instrumentation Lab**

S.No	Name of the Major Equipments
1.	Digital IC trainer kit 16 bit
2.	DC current source (0-20mA)
3.	Portable UPF wattmeter 0-150/300/600V; 0-5/10A
4.	Digital Earth Tester + Spike kit

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5.	30Mhz 2CH 4Trace Oscilloscope
6.	50 MHz Digital Storage Oscilloscope
7.	Digital PH & Conductivity Meter
8.	30Mhz 2CH 4Trace Oscilloscope
9.	1Mhz Function Generator
10.	Torque Measurement Trainer (ITB-013-CE)
11.	Conductivity Meter & pH meter
12.	Flow Meter using Rotameter -
13.	Conductivity Meter & pH meter
14.	Solar PV Modules

Name of the Laboratory: System Design Lab

S.No	Name of the Major Equipments
1.	Lenova A55 Thinkcentre
2.	Lenova Thinkcentre M55
3.	HP Compaq commercial desktop server, Intel core
4.	HP Compaq commercial desktop server, Intel core 2
5.	Wipro i value Desktop core 2 duo
6.	HCL infinity 2000 BL1045 PIV @1.5 ghz
7.	Wipro Core i3-550,
8.	Intel P4 3GHz processor, Intel 915G chipset
9.	Intel P4 3GHz HT processor, Intel 915G chipset
10.	HP Business Desktop Model Desk 202 G2 Series,
11.	Wipro i value Desktop core i3-2120,
12.	APC 5.0 KVA smart UPS system
13.	libert 6 KVA (192V, 1GBT) Power bank model UPS
14.	SANYO PLC-XW 200 (S.No: 69749647)
15.	Panasonic LX22 Projector (S.No: 61660162)
16.	Sony DX-100 (S.No's: S01-7503392-F, S01-7503415-B)
17.	Lecturn (Wireless Public Address System - Podium)
18.	DSP Starter Kit (DSK), TMS 320C5416 with Code compressor studio
19.	Matlab Tools
20.	HP Proliant Server ML-10,
21.	Hp Network Printer
22.	Hitachi LCD Projector
23.	Hitachi CP-RX250FF LCD/XGA/2700 lumens/lamlife 5000
24.	Hitachi CP EX252 F7HE02819 HSN SAC code 85286900

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Name of the Laboratory: Process Control Lab - I

S.No	Name of the Major Equipments
1.	EEPROM Univercell Programmer
2.	Digital storage Oscilloscope
3.	Level Control Trainer SCADA(313A)
4.	Delta make PLC & HMI 7" TFT screen ,cables

Name of the Laboratory: Process Control Lab – II

Sl.No	Name of the Equipments
1.	Control Valve Characteristics With Level Positioner
2.	Cascade Control Trainer
3.	PLC Trainer Kit With Accessories Unique
4.	Intel PIV systems 3.0 Ghz (PLC – 2 , SCADA – 1)
5.	Scada Software 4 CDs
6.	Cut Section Of Control Valve Trainer
7.	Data acquisition card,NI DAQ hardware (USB 6008 1 6009- 2)
8.	Hp Compaq desktop
9.	Multiprocess Trainer
10.	CR10,NIPS-15 power supply
11.	Analog current input module,thermocouple module, Analog output module
12.	NI MYDAQ
13.	PLC Siemens make & PLC Real time Application Trainer VAT-04 Bottle Filling
14.	Wipro I value intel core i3
15.	Transmitter DP, make yokogawa,
16.	Eaton 3.0Kva -9145
17.	Hp G202 Series core i3
3.	Multivariable Control Trainer (Product 327A) Four Tank system
4.	Laser Printer hp 1020
4.	NI LabVIEW Hardwares Bundle

Name of the Laboratory: Transducer lab

S.No	Name of the Major Equipments
1.	50MHz Digital Storage Oscilloscope (Make:GWInstek)
2.	50MHz Digital Storage Oscilloscope (Make:Agilent)
3.	50MHz Digital Storage Oscilloscope (Make: Scientech)

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4.	FET Voltmeter Make: BESTO
5.	Resistive Potentiometer

DEPARTMENT OF ENGLISH

Name of the LAB: Communication Skills Lab (Area: 1679 Sq. Ft)

S.No	Name of the Major Equipments
1	IBM X226 Server Intel Xeon @3.0Ghz 1GB ECC DDR SD RAM 11.44 MB FDD 48XCD ROM Drive 73.4GB Ultra SCSI Hard Disk Drive Integrated Dual Channel U230 SCSI Controller 15inch CRT Monitor- (1 nos)
2	HP Business desktop Model Prodesk 280 G1 Series Intel core i3 - 3240 Processor 4GB Ram 500GB Hard disk SATA HDD 18.5inch LED Monitor (53nos)
3	HP Business desktop Model Prodesk 280 G1 Series Intel Pentium Dual Core - 3250 Processor 4GB Ram 500GB Hard disk SATA HDD 18.5inch LED Monitor (13)
4	Place Mentor(1+66 users)
5	UPS-2 No's
6	LCD Projector
7	Handy cam
7	Printer (Dot matrix)-2 No's
9	Television
10	Collar mike, Cordless mike

DEPARTMENT OF PHYSICS

Name of the Laboratory: PHYSICS LABORATORY (Area: 2161 Sq. Ft.)

S.No	Name of the Major Equipments	No of items
1	Semi conductor laser apparatus	8
2	Ultrasonic Interferometer	8
3	Travelling Microscope	25
4	Spectrometer	18
5	Four Probe method set	1
6	CRO	1
7	OHP	1

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8	Electromagnet 10K Gauss	1
9	Hot Air Oven & Digital temp. controller	1
10	Audio Frequency Generator	2
11	Forbidden energy gap	5
12	Digital Analytical Balance Model:AY-220 JAPAN (0.1 mg Accuracy 220 gm capacity external calibration)	01

Computers and accessories (Physics)

S.No	Name of the Major Equipments	No of items
1	IBM Desktop Computer	1
2	HP Compaq commercial desktop computer	1
3	Wipro I value desktop	1
4	HP M1005 all in one Laser Printer	1

DEPARTMENT OF CHEMISTRY

Name of the Laboratory: **Chemistry Lab (Area: 2409 Sq. Ft.)**

S.No	Name of the Major Equipments
1.	Computer Controlled Electrochemical Measuring Unit - (Purchased from AICTE Sponsored RPS)
2.	BOD Incubator
3.	Digital Flame Photometer
4.	Digital Flame Photometer
5.	Digital Spectrophotometer
6.	Spectrophotometer
7.	Digital Ultrasonic Cleaners
8.	Constant Temperature Bath
9.	Digital Conductivity Meters (13 Nos.)
10.	Digital pH Meters (14 Nos.)
11.	Digital Potentiometers (15 Nos.)
12.	Digital Analytical Balance (0.1 mg accuracy)
13.	Electronic weighing balance

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DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

Name of the Laboratory: MBA Computer Lab

S.No.	Name of the Major Equipments	QUANTITY
1.	Wipro I value Desktop Intel core i3 – 550@3.2Ghz 4GB DDR3 RAM 320 GB SATA HDD	20
2.	HP Compaq dx2480 business pc Intel @core™ @Duo CPU E4600 @2.40Ghz 1GB RAM 160GB HDD	2
3.	Wipro super Genius Intel core i3 – Enterprise (3m cache 3.3Ghz) Intel H61 Chipset, 4GB DDR3 1333Mhz RAM, 500 GB SATA HDD	28
4.	Wipro I value desktop Duo Intel core2 Duo@2.93Ghz , 1066Mhz FSB 3MB c2 cache memory, Intel G41 Chipset, @GB DDR 800Mhz RAM 320GB SATA HDD	10
5.	IBM Intel Pentium – 4 2GB DDR 2 RAM 70GB SATA HDD	1
6.	EATON EDx6Ks 6.0Kva UPS	2
7.	Cyber 6000 IGBT 10/10 6.0Kva UPS	1
8.	Sony DX – 100 Projector logic wall mount screen	1
9.	Hitachi CP – RX – 250 LCD /VGA / 2700 lumens / Lamplight 5000hrs	2
10.	EIKI Avanti LCXA20 LVD Projector	1
11.	Toshiba TDP – SC25 LCD Projector	1
12.	HP Laser printer 1020+	3
13.	HP Laser M1005	1
14.	HP LaserJet M1136 MFP	1
15.	Cannon Digital SLR Camera 1200, 18 – 55mm, 55mm – 25mm is with 8 GB card	1

K.L.N.COLLEGE OF ENGINEERING (AUTONOMOUS)

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DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

Name of the Laboratory: MCA LAB

S.No.	Name of the Major Equipments
1.	HP PROLIANT SERVER ML -10 Intel Xeon E3-1220v2 (3.1 GHZ / 4 – Core / 8 MB / 69 W) 2*4 GB DDR3 Ram 4 DiMMs Slots, 3LFF (3.5inch) Non Hot Plug SATA, HP Smart Array B110i SATA RAID Controller, DVD ROM, 1 * 300 Watts Non – Hot Plug, 1 – Port Ethernet Server Adapter (X1), PCIe G2 Full length, Full Height (x4), HP iLO (Firmware: HP iLO 4), 18.5” TFT LED Monitor, HP USB Keyboard, HP USB Optical Mouse, 3 – 3 – 3 NBD Support (1 No.)
2.	IBM 3400 Dulexur @ 1.8 GHz Processor 2 GB ECC DDR2 RAM, 73.4 GB SA SSCS , HDD Gigabit , Ethernet card, Keyboard, 15” CRT, Mouse/ CD drive (1 No.)
3.	HP Compaq Desktop, Intel Core2-Duo E7500 Processor (2.93 GHz) Intel G33 chipset MBD,3GB DDR-2 RAM, 320 GB SATA HDD, HP KBD, 18.5” TFT LCD Monitor. (Working – 63 Nos. & Not working – 2 Nos.)
4.	WIPRO I Value Desktop, Intel Core i3-2100 @ 3.1 GHz,3MB L2 Cache, Intel H61 Chipset 2*2 GB DDR3 Ram, 500GB SATA HDD, 18.5” Wide TFT Monitor, Multimedia Keyboard, Optical Mouse (12 Nos.)
5.	WIPRO I Value Desktop, Intel Core i3-2120 @ 3.3 GHz, 3MB L2 Cache, Intel H61 Chipset, 4GB DDR3 Ram, 500GB SATA HDD, 18.5” Wide TFT Monitor, Multimedia Keyboard, Optical Mouse (6 Nos.)
6.	IBM INTEL <u>P4@3.0</u> GHz Processor Intel 915 G Chipset Mother (800 MHz FSB, 1MB L2 Cache, Gigabit Ethernet Controller. PCI Express slot for 3D Graphics) 1GB DDR 2 RAM @400 MHz FSB 48*CD Rom Drive 80GB SATA (7200 RPM) HDD IBM KB/IBM Optical Mouse with PAD 15” IBM Digital Color) (24 Nos.)
7.	HP Laser 1320 (1 No.)
8.	HP Laser Jet 1020 (1 No.)
9.	HP All in One Laser Printer - HP 1005 (1 No.)
10.	24 Port Switch – 8 Nos.
11.	24 Port Switch – 2 Nos. and 8 Port – 1 No.
12.	Sony DX-100 LCD Projector (1 No.)
13.	Infocus LCD Projector (Not working - 1 No.)
14.	OHP (5 Nos)
15.	Libert 6.0 KVA (3 Nos.)
16.	Cyber 3.0 KVA (2 Nos.)

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Name of the Laboratory: MCA Computer Centre

S.No.	Name of the Major Equipments
1.	HP Compaq commercial desktop, Intel Core2-Duo E4600 Processor(2.4 Ghz 2MB cache 800 Mhz FSB)Intel G33 chipset MBD,2GB DDR-2 RAM,160 GB SATA HDD,HP KBD Optical Mouse,HP 17" TFT LCD Monitor.(60 Nos.)
2.	HP LaserJet P2014n (1 No.)
3.	Sanyo XW 200 LCD Projector with Ceiling Mount Kit (4 Nos)
4.	Sanyo PLC XD 2200 with ceiling mount kit (2Nos.)
5.	LIEBERT 6.0KVA (192V, 1 GBT) Online UPS with U-PLUS / EXIDE / ROCKET / QUANTA BATTERIES [16 Nos / 12 Volt/ 26Ah) for 45 min Back-up (3 Nos.)
6.	HP M1005 MFP LaserJet printer (1 Nos.)
7.	HP Laser Mono Color Printer HP1020 (1 No.)
8.	D-Link 24 Port Switch (3 Nos.)

COMMON COMPUTER CENTRE

Name of the Laboratory : CCC Lab

S.No.	Name of the Major Equipments	Quantity (Total)
1.	UPS – VERTIV TM	1
1.	UPS – Cyber 2.0 KVA	2
2.	. HP-M202N Laser Network Simplex Monocolour Printer	2
3.	Hitachi ED-27x Projector	1
4.	HP MicroTower	70
5.	HP Compaq Commercial Desktop Intel Core 2 Duo E7200 Processor	22
6.	HP Compaq Commercial Desktop Intel Core 2 Duo E4600 Processor	22
7.	Intel(R) Core (TM)2 CPU E4400	16
8.	Intel(R) Core (TM)2 Duo CPU E4400	8
9.	Intel Pentium(R) D CPU	7
10.	Dell Intel Core 2 Duo	8
11.	IBM Lenovo Think Centre	34
12.	. Server(Intel (R) Core (TM)2 Duo CPU E7200)	1