

P T R College of Engineering and Technology

1.	Name of the Institution	P T R College of Engineering and Technology
	Address of the Institution	Thanapandiyan nagar, Austinpatti, Madurai
	State	Tamil Nadu
	Phone number	0452-6915079
	Email	officeptrcet@gmail.com
	Website	https://www.ptrcet.edu
2.	Name and address of the Trust	Sasikala Educational Trust
	Phone number	0452-6915079
	Email	ptrcetoffice@gmail.com
	Website	https://www.ptrcet.edu
3.	Name and Address of the Principal	Dr.D.Threshkumar
	Phone number	9894011769
	Email	principal.ptrcet@gmail.com
4.	Name of the affiliating University	Anna University, Chennai
	Address	Guindy, Chennai
	Website	https://www.annauniv.edu
	Latest affiliation period	2023-2024

NBA Accreditation Status		
1	Name/ List of Programmes / Courses Accredited	NIL
2	Applied for Accreditation A. Applied but Visit not happened B. Visit happened but result awaited	Not Applicable
3	List of programmes / courses Not Applied	B.E. Civil Engineering B.E. Computer Science Engineering B.E. Electrical and Electronics Engineering B.E. Electronics and Communication Engineering B.E. Mechanical Engineering

NAAC Accreditation Status		
1	Accredited	NIL

P T R College of Engineering and Technology

Name of Programmes approved by AICTE for the year 2023-2024

S.No	Department	Sanctioned Intake for the year 2023-2024	Duration
1	B.E. Mechanical Engineering	30	4 Years
2	B.E. Electrical and Electronics Engineering	15	4 Years
3	B.E. Electronics and Communication Engineering	30	4 Years
4	B.E. Computer Science and Engineering	30	4 Years
5	B.E. Civil Engineering	30	4 Years

P T R College of Engineering and Technology

Governance:

S. No.	Name of the Members	Position	Occupation
1.	Er.P.Dhanavelan Chairman, PTRCET	Chairman	Industrialist
2.	Mrs.D.Pandeeswari Member, P T R C E T	Member – Representing Management	Industrialist
3.	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)
4.	Nominee from the Chairman, Regional Committee, AICTE, Chennai.	Member Representing Regional Committee of AICTE, Chennai. (Awaiting Nomination)	Industrialist/ Technologist/ Educationist
5.	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. D.Thresh kumar Principal, PTRCET	Principal and Member Secretary (Ex- officio) nominated by The Chairman, PTR College of Engg & Tech. council	Principal
14.	Dr.Muthuramalingam AP/EEE	Member – Representing as Faculty at the level of Professor (EEE)	Teaching Faculty
15.	Mrs.M.Jeyabharathi HOD/ECE	Member – Representing as Faculty at the level of Assistant Professor (ECE)	Teaching Faculty

P T R College of Engineering and Technology

COMPOSITION OF GOVERNING BODY MEMBERS

S.No.	Name of the Members	Position
1.	Er.P.Dhanavelan Chairman, PTRCET	Management & Chair person
2.	Mrs.P.Nallammal Trustee	Management
3.	D.Pandeeswari Treasurer, PTRCET	Management
4.	Dr.M. Sarojadevi Professor, Department of Chemistry. CEG Campus, Anna University, Chennai	Anna University Nominee
5.	State Government Nominee	Awaiting Nomination
6.	Mr.P.G.S. Dinesh Davidson Asst.VicePresident(Operations), J.K. Fenner India Ltd, Madurai.	Member from Industry (Nominated by Management)
7.	Dr.D.Threshkumar Principal, PTRCET	Ex-officio Member
8.	Mrs.M.Jeyabharathi Head / ECE	Senior Teacher

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

P T R College of Engineering and Technology

Academic Council Members

S. No.	Name of the member	Category
1.	Dr.D.Threshkumar, 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

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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

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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.D.Threshkumar	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. M. Muthuramalingam	Member	AP/EEE
5	Mrs. M. Jeyabharathi	Member	HOD//ECE

P T R College of Engineering and Technology

Discipline and Welfare Committee

S.No.	Name	Position	Category
1	Dr. D.Threshkumar	Chairman	Principal
2	Mr.A.Rafic Raja	Member	Convener
3	Mr.S.Kubendran	Member	Head of theDepartment
4	Dr.M.Muthuramalingam	Member	Head of the Department
5	Mrs.R.Kavitha	Member	Head of the Department

Grievance Redressal Committee

S.No	Name of the Faculty	Designation/ Dept	Position
1	Dr. D.Threshkumar	Principal	Chairman
2	Mrs. M. Jeyabharathi	HOD/ECE	Convener
3	Mrs.Ilakkia	AP/EEE	Co Convener
4	Mrs.R.Kavitha	AP/MATHS	Member
5	Mrs.T.Parameshwari	AP/ECE	Member
6	Mrs.Maheshwari	AP/CIVIL	Member

P T R College of Engineering and Technology

Internal Quality Assurance Cell (IQAC)

S.No.	Name	Category
1.	Mr.P.Dhanavelan,Chairman	Management Representative
2.	Dr. D.Threshkumar, Principal	Chairperson
3.	Dr.M.Muthuramalingam,AP/EEE	Coordinator- IQAC
4.	Mr.S.Kubendran,AP/CIVIL	Co-coordinator
5.	Mrs.R.Suganya,AP/EEE	Member (teacher)
6.	Mr.T. Vijayabaskar,	Member(Administrative Staff)
7.	Mr.B.Rameshpandi,AP/ECE	Member (Alumni representative)
8.	Mr. T.S.Rambhilash Babu, Managing Director, Jayasree spun bonds, Madurai	Member (Industrial External Expert)
9.	Mr.Elavarsan	Member(parent representative)
10.	Mr.Thirupathi,I-year	Member (Student Representative)

P T R College of Engineering and Technology

Anti Ragging Committee

S.No.	Name	Position	Category
1	Dr. D. Threshkumar	Chairman	Principal
2	Dr. M. Muthuramalingam	Convener	AP/EEE
3	Mr.B.Rameshpandi	Member	AP/ECE
4	Mrs. R. Kavitha	Member	AP/MATHS
5	Mrs .R. Suganya	Member	AP/EEE
6	Mr.Vetrivel	Member	Police Department,Inspector of Police Austinpatti Police Station, Madurai Dist
7	Mr. M. Nagarajan	Member	District Authority: Village Administrative Officer, Thoppur 625 008.
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	Mr. Vimya	Member	Student III Year, Representatives of Students
12	Mr. Hariharan	Member	Student ,III EEE, Representatives of Students
13	Mr. Tamilselvan	Member	Representatives Non-Teaching, Foreman Instructor

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COMPLIANT COMMITTEE MEMBERS (ICC)

S. No.	Name	Position in ICC	Profession
1.	Dr. D.Threshkumar	Advisor	Principal
2.	Mrs. M. Jeyabharathi	Convener	HOD/ECE
3.	Mrs. Ilakkia	Co-Convener	AP/EEE
4.	Mrs .R. Kavitha	Co-Convener	AP/MATHS
5.	Mrs. T. Parameshwari	Member	AP/ECE
6.	Mrs. Maheshwari	Member	AP/CIVIL
7.	Mr. Balasubramaniyan	Member	Sr.Lab.Inst.

WOMEN EMPOWERMENT CELL (WEC)

S.No	Name	Designation	Category
1.	Dr. D.Threshkumar	Principal	Chief Patron
2.	Mrs. M. Jeyabharathi	HOD/ECE	Advisor
3.	Mrs. Ilakkia	AP/EEE	Convenor
4.	Mrs .R. Kavitha	AP/MATHS	Co- Convenor
5.	Mrs. T. Parameshwari	AP/ECE	Member
6.	Mrs. Maheshwari	AP/CIVIL	Member

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STUDENT WELFARE COMMITTEE

S.No	Name	Designation	Category
1.	Mrs. M. Jeyabharathi	HOD/ECE	Convener
2.	Mrs. Ilakkia	AP/EEE	Member
3.	Mrs .R. Kavitha	AP/MATHS	Member
4.	Mrs. T. Parameshwari	AP/ECE	Member

INNOVATION PROMOTION CELL

S.No.	Name and Designation	Position in IPC
1.	Dr. D. Threshkumar	IPC Chair Person
2.	Dr. M. Muthuramalingam	IPC Chief Coordinator
3.	Mr.B.Rameshpandi	IPC Member/ECE
4.	Mrs. Ilakkia	IPC Member/EEE
5.	Mrs .R. Suganya	IPC Member/EEE

Institution's Innovation Council (IIC)

S.No.	Name of the Members	Position
1.	Dr. D. Threshkumar	Convenor-
2.	Dr. M. Muthuramalingam	Convenor-IIC
3.	Mr.B.Rameshpandi	Member
4.	Mrs. Ilakkia	Member
5.	Mrs .R. Suganya	Member

P T R College of Engineering and Technology

INDUSTRY INSTITUTE PARTNERSHIP CELL (IIPC)

S.No	Name	Designation	Organisation	Category
1.	Dr. D. Threshkumar	Principal	PTRCET	Chairman
2.	Dr. M. Muthuramalingam	Professor	PTRCET	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.	Mr.B.Rameshpandi	AP/ECE	PTRCET	Member
10.	Mrs. Ilakkia	AP/EEE	PTRCET	Member

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Extra Curricular Activities Committee

S.No	Name	Designation	Category
1.	Mrs. M. Jeyabharathi	HOD/ECE	Convener
2.	Mrs. Ilakkia	AP/EEE	Co-Convener
3.	Mrs .R. Kavitha	AP/MATHS	Member
4.	Mrs. T. Parameshwari	AP/ECE	Member
5.	Mrs. Maheshwari	AP/CIVIL	Member

NSS

Sl. No.	Name	Position
1	Mr. S. Kubendran, Assistant Professor / CIVIL	Co-ordinator
2	Mr. Senthilkumar , Assistant Professor/Chemistry	Co-ordinator

YRC

Sl. No.	Name	Position
1	Mr. Senthilkumar , Assistant Professor/Chemistry	Co-ordinator

Rotaract

Sl. No.	Name	Position
1	Mr. Senthilkumar , Assistant Professor/Chemistry	Co-ordinator

P T R College of Engineering and Technology

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

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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
3.		Mechatronics Laboratory	89.11
4.		Metrology Laboratory	89.11
5.		Dynamics Laboratory	89.11
6.		Strength of Materials Laboratory	151.69
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
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
8.	Power System Simulation Laboratory - III		77.96

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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
1.	CSE	PDS Lab	68.04
2.		AC Lab	70.56
3.		SDS Lab	126.00
4.		Project Lab	116.64
1.	CIVIL	CADD lab	186.66
2.		Survey Lab	109.8
4.		FM Lab	57.33
5.		Concrete Lab	96.8
6.		SOM Lab	76.86
1	Phy	Physics Lab	200.80
2	Chem	Chemistry Lab	223.89
3	English	Communication Lab	156

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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

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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.	AhujaAmplifir SSA - 5000DP
42.	3DM Class Room Technology
43.	Mini Portable Amplifier
44.	Split A/c 1.5 Ton

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 Monotor
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: 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.	Synchros
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.)

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DEPARTMENT 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 : 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 TRAINER 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

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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

