

NIE Institute of Technology, Mysuru-18
Mandatory Disclosure

Appendix 6 - Section 8		
Mandatory Disclosure		Updated on 30th June, 2020
1	AICTE File No.	06/06/KTK/ENGG/2008/017
	Date & Period of last approval	10-04-2020, 2020-21
2	Name of the Institution	NIE Institute of Technology
	Address of the Institution	No.50 (Part), Koorgalli village, Hootagalli Industrial Area, Kasaba Hobli, Mysuru
	City & Pin code	Mysuru – 570018
	State / UT	Karnataka
	Longitude & latitude	N 12.371108 & E 76.585361
	Phone number with STD code	2403733 / 0821
	Fax number with STD code	-
	Office hours at the institution	9:30 am to 5.00 pm
	Academic hours at the institution	9:45 am to 5:00 pm
	Email	prinipal@nieit.ac.in
	Website	www.nieit.ac.in
	Nearest railway station (dist in Km)	Mysuru (18 kms)
	Nearest airport (dist in Km)	Mysuru(25kms)
3	Type of institution	Private-self Financed
	Category (1) of the institution	Non-Minority
	Category (2) of the institution	Co-Ed
4	Name of the organization running the institution	The National Institute of Engineering Foundation
	Type of the organization	Trust
	Address of the organization	The National Institute of Engineering Foundation Manandavadi Road, Mysore-570008
	Registered with	Trust Act
	Registration date	31 st March 1984
	Website of the organization	www.nie.ac.in
5	Name of the affiliating University	Visvesvaraya Technological University
	Address	Jnanasangama, Machche Campus, Belagavi
	Website	www.vtu.ac.in
	Latest affiliation period	2019-20

6	Name of the Principal / Director	Dr.Bansilal
	Exact designation	Principal
	Phone number with STD code	2403733 / 0821
	Fax number with STD code	
	Email	principal@nieit.ac.in
	Highest degree	Ph.D

Governing Council Members

Sl. No.	Name of the members	Designation
01	Sri. Rajkumar R S President, NIE-MC	Chairman
02	Sri. Sudhanva Dhananjaya Hon. Secretary NIE-MC	Member
03	Dr. R Dattakumar Treasurer NIE-MC	Member
04	Sri. Vasuki D N Director – NIE-MC	Member
05	Dr. Ashok Rao Director – NIE-MC	Member
06	Dr. Ramesh Unnikrishnan Regional Officer, SWRO, AICTE, Bengaluru	AICTE Representative
07	Sri. Talwar H U Director, DTE, Bengaluru	DTE Representative
08	Dr. Prasad Rampure Principal, KLE College of Engineering & Technology, Chikkodi	VTU Nominee
09	Dr. Bansilal Principal, NIEIT	Member Secretary
10	Dr. Archana N V Professor, Dept. of EEE- NIEIT	Faculty representative
11	Dr. Suresh, A V Professor, Dept. of ME – NIEIT	Faculty representative
Frequency of meetings & date of last meeting		10-5-2019 Once in a year

8	Organizational chart	Appendix A
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10	Student feedback mechanism on institutional governance/faculty performance	Every student fills an online performance appraisal form, for each of the faculty member who has taught them once in a semester. The comments / feedback are passed on to the concerned faculty for corrective Measures
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11	Grievance redressal mechanism for faculty, staff and students	<ol style="list-style-type: none"> 1. Grievance redressal committee constituted. 2. Students council consists of elected class representatives from each branch, year wise with principal, Heads of Dept. and Student welfare officers. The council meets regularly and redresses the grievance of the students. 3. Anti-Ragging Committee is constituted to prevent ragging in the campus & Hostels. The Anti-Ragging squad takes on regular surprise visits to hostels and campus area.
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12	Name of the Department	Computer Science & Engineering		
	Course	BE		
	Level	UG		
	1 st year of approval by the council	06/06/KTK/2008/012/August 19, 2008		
	Year wise sanctioned intake	CAY	CAY-1	CAY-2
		60	60	60
	Year wise actual admissions	36	48	46
	Cut off marks – general quota	251	257	262
	% students passed with distinction	23%	61%	86%
	% students passed with first class	47%	30%	8%
	Students placed	36	43	40
	Average pay package, Rs/year	5LPA	2.5LPA	2LPA
	Students opted for higher studies	10		
	Accreditation status of the course	Not eligible and not applied		
	Doctoral courses	No		
	Foreign collaborations, if any	No		
	Professional society memberships	YES		
	Professional activities	Seminars, Workshops, Faculty development programs, Quality Improvement Programs		
	Consultancy activities	Training		
	Grants fetched	Nil		
	Departmental achievements	<ul style="list-style-type: none"> • CSE students participated in TCS Tech Bytes-2020 and won runner up position in the regional round organized at SJCE, Mysuru. • A team of students from the department of CSE won 4th place in “NASA Space apps challenge” of La-Elvitia hakathon held at GITAM University. 		
	Distinguished alumni	Vikas, Aishwarya, Sachin K R, Sudanva, Alap L, Murali G, Lavanya, Jayanth		

12	Name of the Department	Electronics & Communication Engineering		
	Course	BE		
	Level	UG		
	1 st year of approval by the council	06/06/KTK/2008/012/August 19, 2008		
	Year wise sanctioned intake	CAY	CAY-1	CAY-2
		60	60	60

Year wise actual admissions	27	51	41
Cut off marks – general quota	218	277	292
% students passed with distinction	38%	62%	70%
% students passed with first class	44%	37%	9%
Students placed	12	28	24
Average pay package, Rs/year	5LPA	2.5LPA	2LPA
Students opted for higher studies	05		
Accreditation status of the course	Not eligible and not applied		
Doctoral courses	No		
Foreign collaborations, if any	No		
Professional society memberships	YES		
Professional activities	Seminars, Workshops, Faculty development programs, Quality Improvement Programs		
Consultancy activities	Training		
Grants fetched	Nil		
Departmental achievements	<ul style="list-style-type: none"> Sumukha S. participated in national level ROBOT wrestling competition “ROBO-RIKISHI” on 28th APRIL 2018. Project titled “Speed detection of vehicle and safety alert for hearing impaired “ by Bharat, Varshita has been granted funds by KSCST and exhibited under 41st series of KSCST exhibiton at Bapuji Institute of Engg. And Technology, Davanagere during Aug.2018. 		
Distinguished alumni	Pannaga Subramanya, Muralidhar T R, Medha Mannari, Jayanthkumar Y P, Sreenandan Narasimhan		

12	Name of the Department	Electrical & Electronics Engineering		
	Course	BE		
	Level	UG		
	1 st year of approval by the council	06/06/KTK/2008/012/August 19, 2008		
	Year wise sanctioned intake	CAY	CAY-1	CAY-2
		60	60	60
	Year wise actual admissions	26	47	30
	Cut off marks – general quota	246	261	259
	% students passed with distinction	98%	45%	72%
	% students passed with first class	-	42%	17%
	Students placed	15	21	40
	Average pay package, Rs/year	5LPA	2.5LPA	2LPA
	Students opted for higher studies	09		
	Accreditation status of the course	Eligible and not applied		
	Doctoral courses	No		
	Foreign collaborations, if any	No		
	Professional society memberships	YES		
	Professional activities	Seminars, Workshops, Faculty development programs, Quality Improvement Programs		
	Consultancy activities	Training		

Grants fetched	Nil
Departmental achievements	<ul style="list-style-type: none"> • Kum. Meenakshi Venkatesh (2010-2014) has bagged VTU 7th rank by scoring an aggregate of 85.22%. • Ms. Brisitina S, Ms. Neinshi Raju Singh, Ms. Lavanya A J, and Mr. Prashanth DVSN of 8th sem EEE shortlisted to participate in “Project Innovation 2014” organized by Infosys, Mysuru.
Distinguished alumni	Sunil Manjunath V, Rahul Pruthvi, Krishna R, Kiran Kumar K P, Meenakshi Venkatesh, Bharath Raj, Pruthvi Bhargav, Syed Rashid Salman, Khushboo Rathod

12	Name of the Department	Information Science & Engineering		
	Course	BE		
	Level	UG		
	1 st year of approval by the council	06/06/KTK/2008/012/August 19, 2008		
	Year wise sanctioned intake	CAY	CAY-1	CAY-2
		60	60	60
	Year wise actual admissions	36	55	27
	Cut off marks – general quota	185	252	194
	% students passed with distinction	15%	68%	80%
	% students passed with first class	83%	28%	9%
	Students placed	30	20	35
	Average pay package, Rs/year	5LPA	2.5LPA	2LPA
	Students opted for higher studies	04		
	Accreditation status of the course	Not eligible and not applied		
	Doctoral courses	No		
	Foreign collaborations, if any	No		
	Professional society memberships	YES		
	Professional activities	Seminars, Workshops, Faculty development programs, Quality Improvement Programs		
	Consultancy activities	Training		
	Grants fetched	Nil		
	Departmental achievements	<ol style="list-style-type: none"> 1. Mr Yadunandan Bhat has won 1st prize in “Google hunt competition” held at GSSSIETW, Mysuru on 16/08/2019. 2. Mr Nikshep A has won 1st place in light music organized by NINADA at SJCE. 3. Miss Harshitha has won 2nd place in Javelin throw, 1st place in relay, 1st place in throwball held at NIEIT Annual sports Meet 		
	Distinguished alumni	Pallavi Kotvir, Aldriya Stella Mendez, Aishwarya Subramanya Sharma, Sagar Navadeep M		

12	Name of the Department	Mechanical Engineering
	Course	BE
	Level	UG
	1 st year of approval by the council	South-West/1-421813911/2011/EOA Date 06.09.2011

Year wise sanctioned intake	CAY 60	CAY-1 60	CAY-2 60
Year wise actual admissions	27	47	32
Cut off marks – general quota	286	240	236
% students passed with distinction	51%	71%	23%
% students passed with first class	26%	26%	53%
Students placed	04	15	24
Average pay package, Rs/year	5LPA	2.5LPA	2LPA
Students opted for higher studies	21		
Accreditation status of the course	Eligible and not applied		
Doctoral courses	No		
Foreign collaborations, if any	No		
Professional society memberships	YES		
Professional activities	Seminars, Workshops, Faculty development programs, Quality Improvement Programs		
Consultancy activities	Training		
Grants fetched	Nil		
Departmental achievements	<ul style="list-style-type: none"> 8th Sem students have participated in IMTEX QUIZ competition in Bengaluru 2019. Mr. Arnab Ghosh (4th Sem) has won the TCS Tech-Bytes competition 2018 Inauguration of E- Yantra Robotics Laboratory, July 2018 		
Distinguished alumni	Abishek Easwar S V, Dasharatha K S, Madhu.A, Prasad Arkesh Mahadev, Sidharth D, Abhimanyu C, Akash Saji		

13	Faculty Information	Appendix – B
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14	Admission quota	45 : 55		
	Entrance test / admission criteria	CET / COMED-K		
	Cut off/last candidate admitted	CAY 82551	CAY-1 81489	CAY-2 65074
	Fees in rupees	90340 / 168748		
	Number of fee waivers offered	NIL		
	Admission calendar	1 st August 2020		
	PIO quota	NA		

15	Infrastructural information		
	Classroom/tutorial room facilities	Appendix – C	
	Laboratory details	Appendix – D	
	Computer center facilities	Appendix – E	
	Library facilities	Appendix – F	
	Auditorium/seminar halls/Amphitheatre	YES	
	Cafeteria	YES	
	Indoor sports facilities	Appendix – I	
	Outdoor sports facilities	Appendix – I	

	Gymnasium facilities	Appendix – I
	Facilities for disabled	YES
	Any other facilities	Training & Placement

16	Boys hostel	Yes
	Girls hostel	Yes
	Medical & other facilities at hostel	Yes

17	Academic sessions	August & February
	Examination system, year/sem	Semester wise
	Period of declaration of results	As per VTU

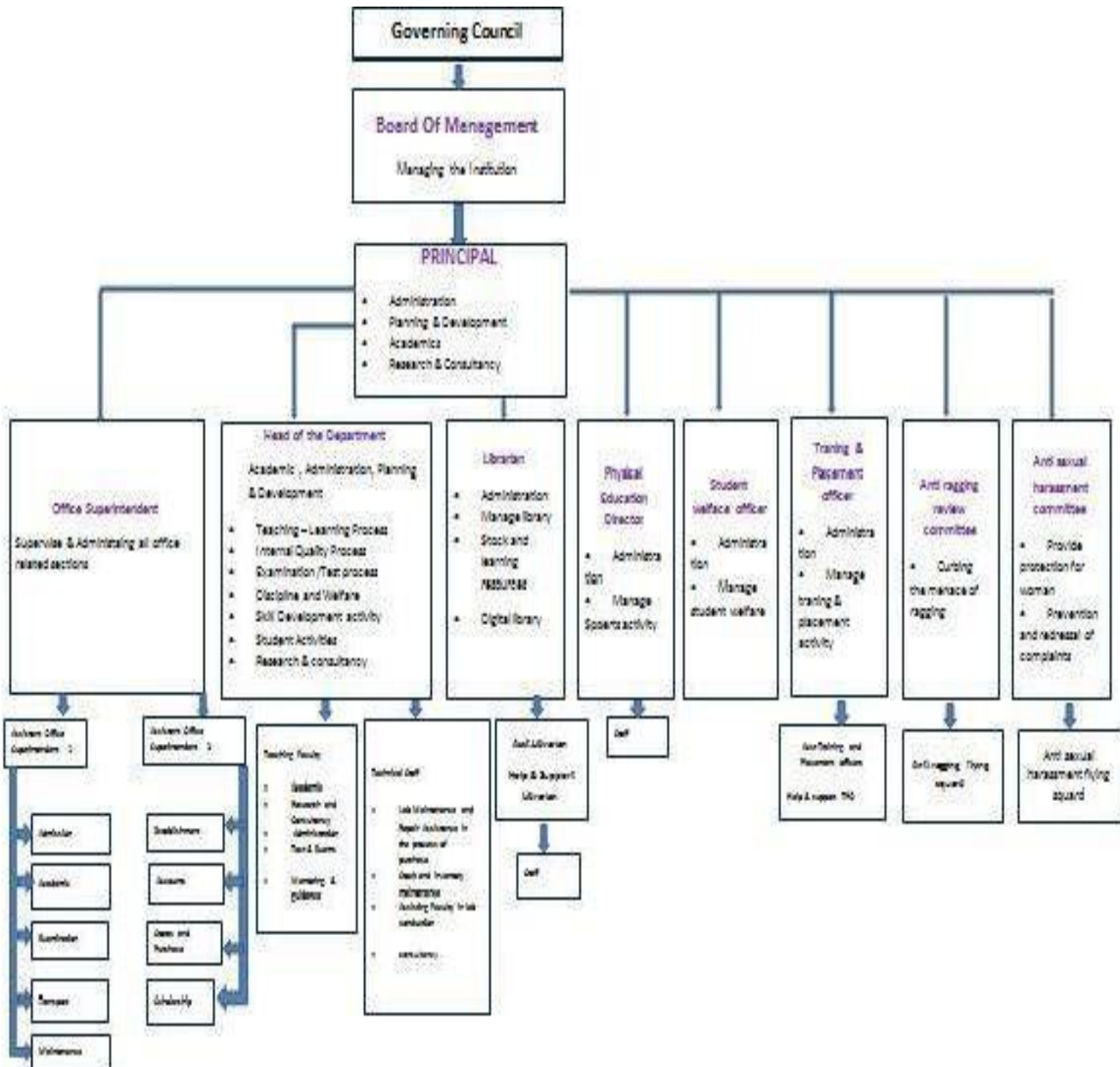
18	Counseling / mentoring	YES
	Career counseling	YES
	Medical facilities	YES
	Student insurance	YES

19	Students activity body	Students Association
	Cultural activities	Held Regularly
	Sports activities	Held Regularly
	Literary activities	Held Regularly
	Magazine / newsletter	Yes
	Technical activities / Tech Fest	Held Regularly
	Industrial visits / tours	Held Regularly
	Alumni activities	Yes

20	Name of the information officer for RTI	Dr.Bansilal
	Designation	Principal
	Phone number with STD code	2403733 / 0821
	Fax number with STD code	
	Email	principal@nieit.ac.in

APPENDIX - A

ORGANIZATION CHART



APPENDIX – B

NIE INSTITUTE OF TECHNOLOGY, MYSURU

TEACHING STAFF LIST

Department of Computer Science and Engineering

1.	Usha. M S	M. Tech., (Ph.D)	Associate Professor
2.	Vedavathi. N	M. Tech., (Ph.D)	Asst. Professor & Head
3.	Prema. N	M. Tech	Asst. Professor
4.	Madhusudan H S	M. Tech., (Ph.D)	Asst. Professor
5.	Roopa S N	M. Tech	Asst. Professor
6.	Deepak P	M. Tech	Asst. Professor
7.	Ajay A V	M. Tech	Asst. Professor
8.	Karthik K C	M. Tech	Asst. Professor
9.	Raghavendra K	M. Tech., (Ph.D)	Asst. Professor
10.	Goutham M	M. Tech., (Ph.D)	Asst. Professor
11.	Vishwas D B	M. Tech	Asst. Professor
12.	Lakshmi B S	M. Tech	Asst. Professor
13.	Naganandini D S	M. Tech	Asst. Professor

Department of Information Science and Engineering

1.	Nandini. M S	M. Tech, (Ph.D)	Associate Professor
2.	Chitra. R	M. Tech. (Ph.D)	Associate Professor
3.	Sudeep. J	M. Tech. (Ph.D)	Asst. Professor
4.	Chandru. A S	M. Tech, (Ph.D)	Asst. Professor & Head
5.	Shruthi.B.S	M. Tech	Asst. Professor
6.	Manasa K B	M. Tech	Asst. Professor
7.	Rajeshwari.D	M. Tech, (Ph.D)	Asst. Professor
8.	Prasanna Kumar G	M. Tech, (Ph.D)	Asst. Professor
9.	Girish S C	M. Tech	Asst. Professor
10.	Srinidi H R	M. Tech	Asst. Professor
11.	Chayashree G	M. Tech	Asst. Professor

Department of Electrical and Electronics Engineering

1.	Dr. Archana N V	M. Tech, Ph.D	Professor & Head
2.	Malathi M	M. Tech, (Ph.D)	Asst. Professor
3.	Sandeep Kumar. K J	M. Tech, (Ph.D)	Asst. Professor
4.	Divya. S	M.Sc., Engg.	Asst. Professor
5.	Rekha S	M. Tech (Ph.D)	Asst. Professor
6.	Lokesh M	M. Tech (Ph.D)	Asst. Professor
7.	Mahesh M	M. Tech	Asst. Professor
8.	Nagaling Gurav	M. Tech	Asst. Professor

9	Rajeshwari B Umadi	M. Tech	Asst. Professor
10	Nandini S koddihalli	M. Tech	Asst. Professor
11	Srinivas S	M. Tech	Asst. Professor
12	Bhushith M K	M. Tech	Asst. Professor
13	Vishwanath G	M. Tech	Asst. Professor

Department of Electronics & Communication Engineering

1	Salila Hegde	M. Tech, (Ph.D)	Associate Professor
2.	Dr.Manjula. A V	M. Tech, Ph.D	Associate Professor & Head
3.	Harish. S V	M. Tech, (Ph.D)	Asst. Professor
4.	Pavan Bharadwaj	M. Tech	Asst. Professor
5.	Raghavendra M	M. Tech	Asst. Professor
6	Pushpalatha H P	M. Tech	Asst. Professor
7	Prasad S N	M. Tech	Asst. Professor
8	Shruthi K S	M. Tech	Asst. Professor
9	Ashwini D S	M. Tech	Asst. Professor
10	Nitesh K A	M. Tech	Asst. Professor

Department of Mechanical Engineering

1.	Dr A V Suresh	Ph.D	Professor & Head
2.	Dr. Hemanth R	Ph.D	Associate Professor
3.	Vedamohan V	M. Tech, (Ph.D)	Asst. Professor
4.	Ravishankar M D	M. Tech	Asst. Professor
5.	Madhu R	M. Tech, (Ph.D)	Asst. Professor
6.	Sudarshan N	M. Tech, (Ph.D)	Asst. Professor
7.	Sandip	M. Tech, (Ph.D)	Asst. Professor
8.	Nithin M	M. Tech	Asst. Professor
9.	Shrinatha R Katti	M. Tech, (Ph.D)	Asst. Professor
10.	Pavithra J	M. Tech, (Ph.D)	Asst. Professor
11.	Dr Madhusudan B M	Ph.D	Asst. Professor

Department of Physics

1.	Dr. Nalini. K B	M.Sc., Ph.D	Associate Professor & Head
2.	Basavaraju B V	M.Sc.	Asst .Professor

Department of Chemistry

1.	Sujatha. H R	M. Phil, (Ph.D)	Associate Professor & Head
2	Dr Vinuth M	Ph.D	Asst. Professor

Department of Mathematics

1.	Dr. Raju D S	M.Sc., Ph.D, B.Ed.,	Associate Professor & Head
2.	Dr. Sumithra	Ph.D	Asst. Professor
3.	Prathiba L	M.Sc.	Asst. Professor

Department of Civil Engineering

1.	Rashmi P D	B.E, M. Tech	Asst. Professor
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Department of Physical Education

1.	Sudina H C	M. Ped, (Ph.D)	P E D
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Department of Library and information Centre

1.	Ushamani. U	M. Lib	Librarian
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Department of Humanities

1.	Sathya Murthy N.R	LLM	CPH
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APPENDIX – C

CLASS ROOMS & LABORATORY DETAILS

Branch	Rooms	Area
CSE	Class Rooms- 04 Tutorial-01 SeminarHall-01	Each - 83 Sqm 34 Sqm 132 Sqm
ISE	ClassRooms-04 Tutorial -01 Seminar Hall-01	Each-83 Sqm 34 Sqm 132 Sqm
EEE	Class Rooms-04 Tutorial -01 Seminar Hall-01 Drawing Hall – 01	Each-83 Sqm 34 Sqm 132 Sqm 165 Sqm
ECE	Class Rooms-04 Tutorial -01 SeminarHall-01	Each-83 Sqm 34 Sqm 132 Sqm
ME	ClassRooms-04 Tutorial-01 SeminarHall-01	Each-83 Sqm 34 Sqm 132 Sqm

Laboratory Details

Branch	Labs	Area
CSE	6	755 Sqm
ECE	7	770 Sqm
EEE	8	860 Sqm
ISE	6	710 Sqm
ME	10	400 Sqm
Centralized Computing Facility	2	240 Sqm
Physics	1	200 Sqm
Chemistry	1	200 Sqm
Workshop	1	180 Sqm

APPENDIX – D

LAB DETAILS

DEPARTMENT OF COMPUTER SCIENCE & ENGG.

Sl. No.	Name of the Lab	Major Equipment	
		Hardware	Software
1	CS LAB-1 ODD : Computer Network Lab EVEN : Design & Analysis of Algorithms Lab	Dell : Intel Core i5-8500 CPU @ 3.00GHz, 8GB RAM, 1TB HDD	OS : Windows-10 & Ubuntu Application / Tools : Eclipse, Anaconda, NS-2, Turbo C++ for win7
2	CS LAB-2 ODD : Machine Learning Lab EVEN : Project Lab	Dell : Intel Core i5-8500 CPU @ 3.00GHz, 8GB RAM, 1TB HDD	OS : Windows-10 Application / Tools : Anaconda
3	CS LAB-3 ODD : DBMS Lab with Mini Project EVEN : System Software & Operating System Lab	Lenovo : Intel Quad Core 2Q CPU Q8200 @2.33GHz, 2GB RAM, 300GB HDD	OS : Windows-10 & Fedora Application / Tools : Putty, Turbo C++ for win7
4	CS LAB-4 ODD : Data Structure Lab ODD : Web Technology Laboratory with mini project EVEN : Computer Graphics Lab with mini project	Hp : Intel Core™2 Quad CPU Q8400 @2.66GHz, 2GB RAM, 300GB HDD	OS : Windows-10 & Fedora Application / Tools : Putty, Turbo C++ for win7, Code Block, Sublime Text-3, Xampp
5	CS LAB-5 ODD & EVEN : Computer Programming Lab	Lenovo : Intel Quad Core 2Q CPU Q8200 @2.33GHz, 2GB RAM, 300GB HDD	OS : Windows-10 & Ubuntu Application / Tools : Putty, Turbo C++ for win7

DEPARTMENT OF INFORMATION SCIENCE & ENGG.

SL No	Name of the Lab	Major Equipment	
		Hardware	Software
1	ISLAB-1 Micro Controller Lab	Lenovo System White Colour - 16Nos Intel ® Pentium ® Dual CPU E2180@2.00 GHz 2.00GHz, RAM- 1GB, Harddisk- 250GB Lenovo System White Colour - 14Nos Intel ® Core™ Quad CPU Q6600@2.40 GHz 2.39GHz, RAM- 2GB, Harddisk- 300GB Hardware Components:- Logice Controller - 12 Nos Stepper Motor - 12 Nos Matrix Keyboard- 12 Nos Dual DAC - 12 Nos Elevator - 12 Nos Seven Segment Display - 12 Nos ARM - Processor - 7 Nos Dual Power Supply (5 Volts with + 0r _12 Volts)- 8 Nos Cathode Rays Oscilloscope - 10 Nos Signal Generator - 8 Nos IC Digital Trainer Kit - 8 Nos IC Analog Trainer Kit - 8 Nos LPC 2148 Microcontroller Kit - 7 Nos.	Windows 7, MS Office Workbench , Xylinux, Keil µ Vision, Flash Magic, Seqrite Endpoint Security
2	ISLAB-2 Analog & Digital Electronics Lab	Cathode Rays Oscilloscope [CRO] - (10 nos) Digital Multimer - (08) Digital Trainer Kit - (08) Analog Trainer Kit - (08) Electronic Work Table - (12) Dual Power Supply 0 - 30volts - (08) Power Supply (0-30volts - (08) Fixed Power Supply 5 Volts - (06) Fixed Voltage Power Supply 0 - 12 Volts - (12)	Windows 10, MS Office, Keil µ Vision 4, Flash Magic, Seqrite Endpoint Security
3	ISLAB-3 Machine Learning Lab & Project Lab	DELL Computers- 30 Nos Intel ® Core™ i5 -8500 CPU 530@3.00 GHz RAM- 4GB, Harddisk - 1 TB, 64 Bit Operating System X64 Based Processor	Windows 10, MS Office, Ubuntu Anaconda, Seqrite Endpoint Security

4	ISLAB-4 DBMS Lab and File Structure Lab	DELL Computers- 15 Nos Intel ® Core™ i3 -9100 CPU 360@3.60 GHz RAM- 4GB, Harddisk - 1 TB, 64 Bit Operating System X64 Based Processor HP Computers - 15 Nos Intel ® Core™ i3 CPU 530@2.93 GHz 2.93GHz, RAM- 2GB, Harddisk - 500 GB	Windows 10, MS Office, Ubuntu Mysql, Seqrite Endpoint Security
5	ISLAB-5 Software Testing Lab & Data Structures Lab	HP Computers - 25 Nos Intel ® Core™ i3 CPU 530@2.93 GHz 2.93GHz, RAM- 2GB, Harddisk - 500 GB	Window 10, MS Office, Ubuntu, Eclipse, Java, Seqrite Endpoint Security
6	ISLAB-6 Web Technology Lab & C Programming Lab	DELL Computer - 30 NOS Intel® Core™ i3-4160 CPU @3.60GHz 3.60GHz, RAM - 4.00 GB, Harddisk - 500 GB	Windows 10, MS Office, Ubuntu, Turbo C, C++ , Seqrite Endpoint Security, Notepad ++, Xampp, Visual Code

Department of Electrical & Electronics Engineering

Sl. No.	Name of the Lab	Major Equipment	
		Hardware	Software
1	Basic Electrical Lab	<ol style="list-style-type: none"> 1. Verification of KCL and KVL Kit. 2. Kit for the measurement of I, P and $\text{Cos}\phi$ of incandescent lamp, fluorescent lamp, and LED lamp. 3. Kit to perform Two way & Three-way control of lamp. 4. Experimental set up to Measure Resistance and inductance of a choke coil using 3 voltmeter method. 5. Experimental set up to Determine phase and line quantities in three phase star/delta configuration loads. 6. Experimental set up to Measure three phase power using two wattmeter method. 7. Measurement of Earth Resistance kit. 8. Experimental set up to Study the effects of open and short circuits in simple circuits. 9. Kit for the Demonstration of fuse, MCB by creating a fault. 10. Cut sections of DC and AC machines 	
2	Analog Electronics Lab	<ol style="list-style-type: none"> 1. Dual Channel DC Regulated Power Supply ML302D 2. Linear Analog IC Trainer Kit 3. 30Mhz Oscilloscope 	<ol style="list-style-type: none"> 1. Multisim Software by National Instrument
3	Opamp and Linear IC's Lab	<ol style="list-style-type: none"> 1. DC regulated Fixed Power Supply 2. 2MHz multiwave form Signal Generator(Sl no H003MSG0317060 to 069) Aplab 3. 30MHz Dual Trace Oscilloscope (Sl no H0030SC0517109 to 114) 	

		Aplab	
4	Logic Design Lab	<ol style="list-style-type: none"> 1. Electronic Component Tester 2. Digital IC Trainer Kit 	
5	Microcontroller Lab	<ol style="list-style-type: none"> 1. ALS-SDA 89C51 ED2 with 8KB Flash memory with programming cable 2. ALS-SDA 51MEL 8031/51 Microcontroller kit 3. Power Supply (5V,12V,100mA) 4. ALS- NIFC 01A Stepper Motor I/F and ALS - NIFC-55DC Motor I/F 5. ALS-NIFC-06 Dual DAC I/F 6. ALS-NIFC-17 ELEVATOR 7. ALS-NIFC-47 Temp Controller I/F 8. ALS -NIFC-45 LCD & Keyboard I/F 9. ALS - NIFC-46 multiplexed Display & Keypad I/F 10. ALS-SDA-AT89C51ED2-FLASH PRO EVALUATION Board 	Keil micro vision 3
6	Power Electronics Lab	<ol style="list-style-type: none"> 1. IGBT Based Single Phase Invertor Circuit kit 2. Speed control of Universal motor and Induction motor Using AC voltage Controller 3. Speed control of separately excited Dc Motor using IGBT or MOSFET 4. Single Phase full wave converter with R and RL load 5. Speed Control of DC Motor Using Single phase semi convertor 6. Study of Commutation Using LC Circuit and Auxiliary Circuit 	
7	Measurement & Circuit simulation Lab	<ol style="list-style-type: none"> 1. CT & PT Testing Jig 2. Energy meter Calibration 3. Active and Reactive Power Measurement testing. 4. Megger 	

		<ol style="list-style-type: none"> 5. De sautys bridge kit 6. Maxwell's bridge kit 7. Kelvins double bridge kit 	
8	Electrical machines I & II Laboratory	<ol style="list-style-type: none"> 1. Single phase transformers- 1KVA,2KVA 2. Single phase Induction Motor- Capacitor start, Run type 3. Three phase Squirrel cage Induction Motor-3hp,415V 4. Three phase Slip ring Induction Motor-3hp,415V 5. DC shunt motors- 3KW, 220V 6. DC series motors- 3KW, 220V 7. Salient pole Synchronous Motor- 3ϕ,415V 8. Salient pole synchronous generator-3ϕ,415V 9. Non-Salient pole Synchronous generator--3ϕ,415V 10. Three phase Induction Generator- 3KW, 415V 	
9	Control Systems Laboratory	<ol style="list-style-type: none"> 1. "Oscilloscope 30MHz, 2Ch, 4 Trace Model No: 3803 SI no BL03SC1010136 to BL03SC1010145" 2. "Digital Multimeter 3-3/4 Digit Model VC 97 3. "DC Regulated Duel Power Supply(0 - 30V, 2A,) Variable Dual Channel Digital Meter to read Voltage and Current" 	
10	Power system simulation Lab	<ol style="list-style-type: none"> 1. Computers, Lenovo Desktop Intel Quad Processor 2.66G 2Gb DDR3. 2. "HP Laptop 3. HP 2000-2128TU-SI NO 5CP2350BHK" 4. Projector (EPSON X02) 	<ol style="list-style-type: none"> 1. MI POWER (License no. PRDC 39741288) 2. MATLAB2010b (License no.678176)
11	Digital Signal Processing Lab	<ol style="list-style-type: none"> 1. Computers, Lenovo Desktop Intel Quad Processor 2.66G 2Gb DDR3. 2. "Dell Laptop" 3. HP 2000-2128TU-SI NO 	<ol style="list-style-type: none"> 1. MATLAB2010b (License no.678176)

		5CP2350BHK" 4. Projector (EPSON X02)	
12	Computer Aided Electrical Drawing Lab	1. Computers, Lenovo Desktop Intel Quad Processor 2.66G 2Gb DDR3. 2. "HP Laptop" 3. HP 2000-2328TU 4. Projector (EPSON X01)	1. AutoCAD version 18
14	Relay and HV Lab	1. Numerical Relay Under Voltage and Over Voltage 2. Numerical Over Current Relay Test Kit 3. Over Current Electromechanical Relay Kit 4. Over Voltage Electromechanical Relay Kit 5. Negative Sequence Relay Kit 6. Fuse Characteristics 7. Motor Protection Scheme Fault Study 8. 60KV Oil Testing Kit 9. Field Mapping With 3 Electrodes 10. Rod Gap Apparatus 11. 50KV AC/70KV DC set 12. 62.5mm Sphere gap with water resistor	

Department of Electronics & Communication Engg.

Sl. No.	Name of the Lab	Major Equipment	
		Hardware	Software
1	Analog Electronics Lab/Electronic Devices Lab	<ul style="list-style-type: none"> • Storage Oscilloscope • Dual Trace CRO • Dual Channel RPS • Decade Capacitance Box • Decade Resistance Box • Decade Inductance Box • Linear IC Trainer kit • 30MHz,4Trace CRO • LCR – Q Meter(Aplab) • Function Generators(Aplab) • Multimeters 	<ul style="list-style-type: none"> • NI Multisim • Circuit Maker pro • Electronic Workbench
2	Digital Electronics Lab / Digital System Design Lab	<ul style="list-style-type: none"> • IC Tester • Digital IC Trainer Kit 	<ul style="list-style-type: none"> • NI Multisim • Circuit Maker pro • Electronic Workbench
3	Microcontroller Lab	<ul style="list-style-type: none"> • Micro controllers KIT Interface Models <ul style="list-style-type: none"> (i) LCD Display (ii) 7Segment Display (iii)LED Display (iv)ADC Interface (v)HEX Keypad (vi)Toggle Switch (vii)Stepper Motor (viii)DC Motor • 89s8252 Based Microcontroller kit(ija) with Accessory • MSP 430 Microcontroller kit with accessories Power supply (5v, 1A) 	<ul style="list-style-type: none"> • Keil μVision • ISP Programmer
4	Microprocessor Lab	<ul style="list-style-type: none"> • PC add-on :48 lines I/O card • 4 x 4 matrix hex keypad interface • 7 segment LED display interface • Logic controller interface • Stepper motor interface with stepper motor (3k gcm) with power adapter • ADC Interface, LDR Interface 	<ul style="list-style-type: none"> • MASM
5	DSP Lab	DSP Kit (TMS 6713 processor) with accessories	<ul style="list-style-type: none"> • Matlab 7.2 • Code composer Studio

6	HDL/CCN Lab	<ul style="list-style-type: none"> • Pattern Generator/Logic Analyser (2 Number) • Multivendor Universal Development Kit (15 Numbers) • Spartan FPGA boards by Si-Tech, • GPIO boards 	<ul style="list-style-type: none"> • Xilinx 9.1i • GCC C Compiler • NS2
7	LIC Lab / Communication Lab	<ul style="list-style-type: none"> • Regulated Power Supply(30 V/2A) • Oscilloscope • 2MHz function Generator • 10MHz function generator • AM modulation and demodulation • FM modulation and demodulation • PAM modulation and demodulation • PWM modulation and demodulation • PPM modulation and demodulation • Digital to Analog Convertor • Class C tuned amplifier • PLL FM Demodulator / Frequency multiplier/Divide 	
8	Advanced Communication Lab	<ul style="list-style-type: none"> • MIC (2 to 3 GHz) with accessories • Antenna Set with accessories • Signal generator 2.2 - 3GHz • SWR meter (70dB range) dual i/p • Klystron power supply • Frequency meter, direct reading • VSWR meter with accessories • PAM Time division multiplexing / Demultiplexing kit • Data conditioning and carrier modulation kit • Data reconditioning and carrier demodulation kit • QPSK/DQPSK/BPSK/DPSK/DEPSK modulation kit and Demodulation kits • Link-B advance fiber optic communication trainer kit 	

9	Power Electronics Lab	<ul style="list-style-type: none"> • SCR turn off using LC circuits • Auxiliary commutation • Generation of firing signals for thyristors • Static characteristics of SCR, DIAC • controlled HWR and FWR using RC triggering circuit • UJT firing circuit for HWR and FWR circuit. • Voltage commutation chopper with constant and variable frequency • DC chopper firing circuit • DC chopper power firing • Parallel inverter and Series Inverter • AC voltage controller using Triac - Diac combination Single phase fully controlled converter with R and RL Load • Single phase converter firing circuit • Single phase isolation transformer with tapping at 30-60-90-120-230 V/5A • Speed control of DC motor • Speed control of separately excited DC motor using bridge converter • DC motor speed control unit • Single phase converter firing circuit • Single phase isolation transformer • DC shunt motor • Speed control of stepper motor • MOSFET and IGBT characteristic study unit • Speed control of universal motor • Speed control of universal motor using single phase AC voltage controller • Universal motor • CRO (10 numbers) 	
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10	VLSI	<ul style="list-style-type: none"> • PCs 30 numbers with windows-10 and Linux • HP Laptop • Multimedia projector 	<ul style="list-style-type: none"> • Xilinx 9.1i • Microwind • DSCh tool.
11	Embedded Controller Lab	<ul style="list-style-type: none"> • PCs 30 numbers with windows-10 and Linux • LPC 1768 evaluation main board and following interfacing kits <ul style="list-style-type: none"> ➤ DC motor ➤ Stepper motor ➤ USB Cable ➤ USB driver software ➤ CD with sample program in c ➤ Flash magic software Hex key, ➤ 7-segment LED and LCD 	<ul style="list-style-type: none"> • Keil Microvision 5 IDE • Flash magic programmer

Department of Mechanical Engg.

Sl. No.	Name of the Lab	Major Equipment	
		Hardware	Software
1	CAD Laboratory	Computers - 60 with UPS system Epson projector - 1 HP laser jet printer – 3	Solid edge - 60 users
2	CAE Laboratory	Computers – 30 with UPS system Epson projector – 1 HP laser jet printer – 1	ANSYS V16 - 25 + 1 Research License Master CAM X9 software -25 users
3	Design Laboratory	Vibration Test Rigs Polariscope Universal Governor Test Rig Journal Bearing Test Rig Critical Speed of Rotating Shaft Combined loading Curved Beam Gyroscope Balancing of Rotating Masses	
4	Energy Conversion Laboratory	Able Appartus Close Cup (Flash Point) Bomb Calorimeter Boy's Gas Calorimeter Cleveland's Apparatus Four Stroke Petrol Engine Pensky Marten's Apparatus Port Timing Diagram set up Planimeter Multi Cylinder Petrol Engine Test Rig Redwood Viscometer Apparatus Say Bolt Viscometer Apparatus Torsion Viscometer Apparatus V.C.R - I.C. Petrol Engine Valve Timing Diagram set up Computerised Four Stroke Diesel Engine Test Rig Two Stroke Petrol Engine Test Rig Apparatus for estimation of moisture in lubricating oil. Distillation Apparatus Carbon Residue test apparatus to analyze Ash content and fixed carbon content. Portable multi gas analyzer	

5	Fluid Mechanics and Machineries Laboratory	Combined major and minor loss equipment Impact of jet on vanes equipment Orifice Meter Venturi Meter Nozzle meter and rotameter combined setup equipment Notch apparatus Pelton Wheel Francis Turbine Kaplan Turbine Single stage centrifugal pump setup Multi stage centrifugal pump setup Reciprocating pump Two stage reciprocating air compressor Air blower	
6	Foundry and Forging laboratory	Universal strength machine (shear and tensile tests) Clay content tester Permeameter Moisture content tester LPG fired hearth furnaces Core hardness tester Mold hardness tester Grain Fineness Number apparatus	
7	Heat Transfer Laboratory	Apparatus to determine Thermal Conductivity of Metal Rod Vertical Tube Heat Exchangers Forced Convection apparatus Apparatus to determine Emissivity of a Surface Apparatus to determine Stefan Boltzman Constant Apparatus to determine Dropwise/Filmwise condensation Apparatus to determine Critical Heat Flux Vapour Compression Refrigeration test rig Transient Conduction Heat Transfer apparatus Air conditioning test rig Apparatus to determine heat transfer Coefficient of a Composite Wall Apparatus to determine Effectiveness of a Metallic Fin.	
8	Machine Shop Laboratory	V-belt cone pulley drive lathe machine - 20 nos. Medium duty all geared lathe machine – 1 no. Gear type drilling machine with drill chuck and key - 1no.	

		Heavy duty shaping machine – 2 no. Universal milling machine with vertical attachment – 1 no. Hydraulic hack saw machine - 1 no. Bench grinder - 1 no.	
9	Mechanical Measurement and Metrology Laboratory	Tool Maker’s Microscope Profile Projector (Vision Plus) Autocollimator Equipment for Calibration of Pressure Gauge Equipment for Calibration of Thermocouple Equipment for Calibration of LVDT Equipment for Calibration of Load Cell Equipment for Measurement of strain using strain gauges Sine Bar and Sine Center Lathe tool Dynamometer Drill Tool Dynamometer Gear Tooth Vernier Callipers Granite Surface Plate Universal Bevel Protractor Vernier Height Gauge Talysurf	
10	Material Testing Laboratory	Impact Testing Machine Torsion Testing Machine Rockwell Hardness Tester Universal Testing Machine Vickers Hardness Testing Machine Single Disc Polishing Machine Dry Belt Surfacer Rectangular Muffle Furnace Wear Testing Machine Metallurgical Microscope Ultrasonic Flaw Detector Magnetic Crack Detector Brinell Hardness Tester Fatigue Testing Machine	
11	Workshop and Project Laboratory	Welding transformer Carpenter vice Bench grinder Bench vice Power hack saw machine Bench type drilling machine Bench grinder BOSCH Tool Kit	
Additional Facilities			
12	CAE Laboratory	CNC Lathe	Research License of ANSYS V16

13	Robotics Laboratory	Fire Bird V 2560 Spark V Robot Various connection and driving modules	
14	Energy Conversion Laboratory	Computerized IC Engine Test Rig	
15	Material Testing Laboratory	Computerized Universal Testing Machine	

DEPARTMENT OF PHYSICS

Sl. No.	Name of the equipment
1	Resonance expt set up
2	Diode Zener Diode Characteristic Expt set up
3	Transistor Characteristics Apparatus
4	Capacitor charging & Discharging Expt set up
5	Fermi Energy Experimental set up
6	Function Generator
7	DC Regulated power supply
8	Four Probe Apparatus for resistivity & Energy Gap measurements Expt Set up
9	Ultrasonic Interferometer complete set
10	Spectrometer for Diffraction Grating Expt Complete Set
11	Resort stand with clamp and Boss Head
12	Digital Multimeter
13	Laser Diffraction Set
14	Grating Imported 15000LPI
15	Resort stand with clamp and Boss Head

DEPARTMENT OF CHEMISTRY

Sl. No.	Name of the equipment
1	Hot Air Oven
2	De-mineralised Plant
3	Digital Balance
4	Hot Plate
5	pH Meters/Electrodes
6	Conductometer with Cell
7	Colorimeter with Cuvette

APPENDIX – E

COMPUTER CENTRE DETAILS

Computer Centre Centralized facility	Systems: 60 Nos. Specification: Lenova Intel Quad core processor, 4GB RAM, 500 HDD, 18”TFT Monitor Projector : 1 No. Printer- 4 No’s	Windows 10, MS Office, Solid Edge v21
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APPENDIX – F

LIBRARY INFORMATION

Resources	Number
Titles	2834
Volumes	20334
E-Books	13139
E-Journals	953
E- Conference Proceedings	6514
E-Standards	3053
Kannada Books	350
CDs/DVDs	600
DailyNewspapers- English	05
Kannada	05
DailyMagazines – English	06
Kannada	06

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Springer	e-Journals	http://link.springer.com
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APPENDIX – I

Department of Physical Education & Sport Sciences

Indoor Sports Facilities

SI No	Description	No's
1	Shuttle Badminton	01
2	Table Tennis Board	02
3	Carrom board	10
4	Chess Board	05
5	Multi Gym (shared with NIE)	01

Outdoor Sports Facilities

SI No	Description	No's
1	400 Track Athletic Ground (Multi-Purpose) Cricket, Foot Ball, Hockey , Hand ball , Kabbadi , Kho-Kho Court	01
2	Volley Ball Court	01
3	Basket Ball Court	01
4	Throw Ball Court	01