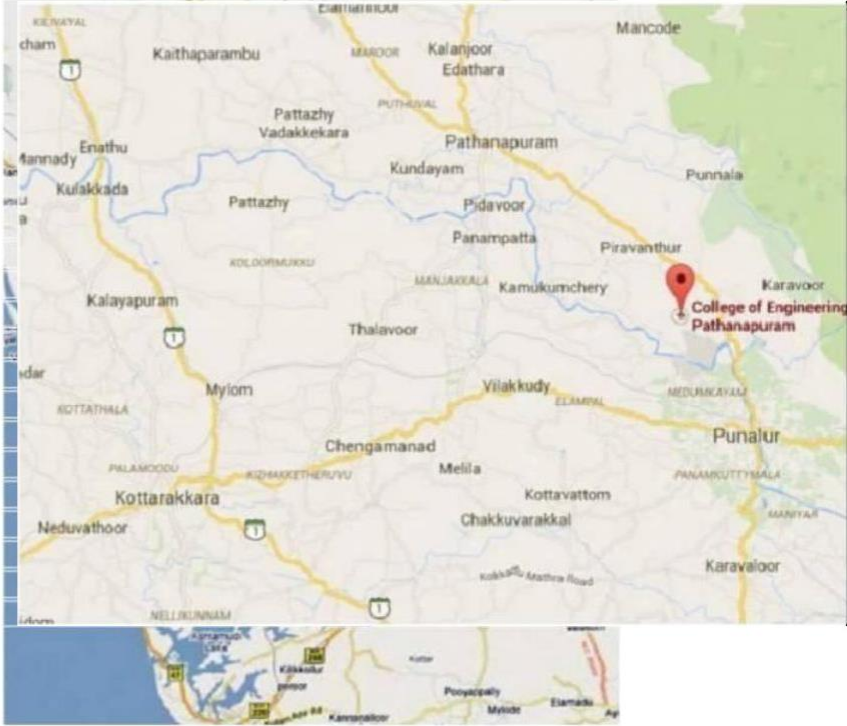


COLLEGE OF ENGINEERING PATHANAPURAM

MANDATORY DISCLOSURE

“The information has been provided by the concerned institution and the onus of authenticity lies with the institution and not on AICTE.”

1	AICTE File No. Date and Period of last approval	F.No. South-West/1-7007165379/2020/EOA 30-Apr-2020; 2020-21
2	Name of the Institution	College of Engineering Pathanapuram 
	Address of the Institution	College of Engineering Pathanapuram Elikkatoor.P.O Pathanapuram, Kerala 689696
	City And pin code	Pathanapuram, Pincode: 689696
	State/UT	Kerala State.
	Longitude & Latitude	76.90833 9.04768

3	Phone Number with STD Code	04752022810
	Office Hours At the Institution	10:00am to5:00pm
	Academic Hours At The Institution	9:00amto4:00pm
	Email	principal.pathanapuram@gmail.com
	Website	www.cepathanapuram.ac.in
	Nearest Railway Station(Dist in Km)	Punalur (10km.)
	Nearest Airport (Distance in Km)	Cochin International AirPort(190 Km) Trivandrum International Airport (70km)
	Type of Institution	Government
	Category(1)of the Institution	NonMinority
	Category(2)of the Institution	Co-Ed
4	Name of the Organization Running the Institution	Co-operative Academy of Professional Education(CAPE)
	Type of Organization	Autonomous Educational Institution established byGovt.ofKerala
	Address of the Organization	Co-operative Academy of Professional Education(CAPE) College of Engineering Muttathara Campus.Vallakadavu P O,Trivandrum-695008
	Registered With	Registered under The Travancore–Cochin Literary, scientific and charitable societies registrations Act12 of 1955
	Registration Date	28.01.1987
5	Website of the Organization	www.capekerala.org
	Name of the Affiliating University/Board	APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY
	Address	APJ Abdul Kalam Technological University,CET Campus,Thiruvananthapuram,Kerala -695016
6	Website	www.ktu.edu.in
	Latest AffiliationPeriod	2020-2021
6	Name of the Principal/Director	Dr.BijuKumar R
	Exact Designation	Professor with full additional charge of principal
	Phone No .With STD Code	04752022810
	Fax No .With STD Code	04752225959
	Email	principal.pathanapuram@gmail.com
	Highest Degree	Ph.D

7	Field of Specialization	Wireless Communication			
	Governing body	Governed by CAPE, established and owned by Government of Kerala			
8	Date of Last Meeting	22/02/2021			
9					
11	Student Feedback Mechanism On Institutional Governance/Faculty Performance	Student Feedback Process executed			
	Grievance Redressal Mechanism For Faculty ,Staff And Students	Yes			
12.a	Name of the Department	Computer Science and Engineering			
	Course	B.Tech			
	Level	UG			
	Ist Year Of Approval By the Council	2011			
	Year wise Sanctione Intake	2020 60	2019 60	2018 60	2017 60
	Year wise Actual Admissions	2020 48	2019 42	2018 32	2017 31



	Cut off marks-General Quota	Candidates who have passed Higher Secondary Examination, Kerala, or Examinations recognized as equivalent thereto, with Physics and Mathematics as compulsory subjects and Chemistry as one of the optional subject with atleast 45% marks put together in the above subjects are eligible for admission.			
	Average Pay Package ,Rs/Year	2020 3lakh	2019 2.5lakh	2018 2lakh	
	Accreditation Status of The Course	Not Accredited			
	Doctoral Courses Foreign Collaborations ,if any	No			
	Professional Society Memberships	IEEE Student Branch			
	Professional Activities	Technical talks , workshops ,Exhibitions ,Students outreach program me at Schools, community projects			
	Consultancy Activities	Nil			
	Grants Fetched	Grant Fetched from CERD for Projects			
	Departmental Achievements	Conducting technical contest initiated by the Computer Science Association, UNICSE. Arranging expert lectures frequently by eminent personalities; Technical as well as cultural.			
	Distinguished Alumni	Yes			
12b	Name of the Department	Electronics and Communication Engineering			
	Course	B.Tech			
	Level	UG			
	Ist Year Of Approval By th e Council	2011			
	Yearwise Sanctioned Intake	2020 30	2019 30	2018 30	2017 60
	Yearwise Actual Admissions	2020 11	2019 9	2018 2	2017 15
	Cutoff marks-General Quota	Candidates who have passed Higher Secondary Examination, Kerala, or Examinations recognized as equivalent thereto, with Physics and Mathematics as compulsory subjects and Chemistry as one of the optional subject with atleast 45% marks put together in the above subjects are eligible for admission.			




	Average Pay Package ,Rs/Year	2017 3lakh	2016 2.5lakh	2015 2lakh	
	Accreditation Status of The Course	Not Accredited			
	Doctoral Courses	Nil			
	Foreign Collaborations ,if an y	Nil			
	Professional society Memberships	IEEE Student Branch			
	Professional Activities	Technicaltalks ,workshops,Exhibitions,Students outreach programme at Schools, community projects			
	Consultancy Activities	Nil			
	Grants Fetched	Grant fetched from CERD for students projects.			
	Departmental Achievements	<ul style="list-style-type: none"> • Conducting technical contest initiated by the Electronics Association, ECLIPSE. • Conducting technical awareness classes for school students. • Arranging technical and general lectures 			
	Distinguished Alumni	Yes			
12c	Name of the department	Electrical and Electronics Engineering			
	Course	B.Tech			
	Level	UG			
	Ist Year Of Approval By the Council	2011			
	Year wise Sanctioned Intake	2020 30	2019 30	2018 30	2017 60
	Year wise Actual Admissions	2020 4	2019 7	2018 13	2017 22
	Cutoff marks-General Quota	Candidates who have passed Higher Secondary Examination, Kerala, or Examinations recognized as equivalent thereto, with Physics and Mathematics as compulsory subjects and Chemistry as one of the optional subject with atleast 45% marks put together in the above subjects are eligible for admission.			



	Average Pay Package ,Rs/Year	2020 3lakh	2019 2.5lakh	2018 2lakh
	Accreditation Status of The Course	Not Accredited		
	Doctoral Courses	Nil		
	Foreign Collaborations ,if an y	Nil		
	Professional Society Memberships	IEEE		
	Professional Activities	Technical talks, Skill development programmes ,Exhibitions ,Seminars ,Interactions with industr y		
	Consultancy Activities	Nil		
	Grants Fetched	CERD-2015 for students projects worth Rs1,44,000		
	Departmental Achievements	<ul style="list-style-type: none"> • Conducting technical contest initiated by the Electrical Association, AEEES. • Interaction with local administration bodies • Industrial visits • Membership in University football team 		
12d	Name of the	Civil Engineering		
	Course	B.Tech		
	Level	UG		
	Ist Year Of Approval By the Council	2011		
	Year wise Sanctioned Intake	2020 60	2019 60	2018 60
	Year wise Actual Admissions	2020 50	2019 37	2018 42
		2017 60	2017 58	

	Cutoff marks-General Quota	Candidates who have passed Higher Secondary Examination, Kerala, or Examinations recognized as equivalent thereto, with Physics and Mathematics as compulsory subjects and Chemistry as one of the optional subject with atleast 45% marks put together in the above subjects are eligible for admission			
	Average Pay Package, Rs/Year	2020 4lakh	2019 2.5lakh	2018 2lakh	
	Accreditation Status of The Course	Not Accredited			
	Doctoral Courses	Nil			
	Foreign Collaborations ,if an y	Nil			
	Professional Society Memberships	IEEE			
	Professional Activities	Technical talks,Skill development programmes, Exhibitions, Seminars, Interactions with industr y			
	Consultancy Activities	Nil			
	Grants Fetched	CERD funds for students projects			
	Departmental Achievements	<ul style="list-style-type: none"> • Interaction with local administration bodies • Industriaal visits 			
12e	Name of the Branch	Mechanical Engineering			
	Course	B-Tech			
	Level	UG			
	Year of Approval	2017			
	Year wise Sanctioned Intake	2020 60	2019 60	2018 60	2017 60
	Yearwise Actual Admission	2020 17	2019 36	2018 40	2017 46

13	Name of Teaching Staff	Appendix I
14	Admission Quota	<ul style="list-style-type: none"> • 70% merit quota with fee 35000/- • 25% merit quota with fee 65000/- • 5% institute quota with fee 1,00,000/-
	Entrance Test/Admission Criteria	<ul style="list-style-type: none"> • The criteria for BTech degree admission is prescribed by the CEE, Govt .of Kerala and concerned university , issued every year by Govt.of Kerala through common prospectus for admission to professional degree courses. The eligibility of students is stipulated strictly as per AICTE guidelines. Admission is made as per the rank obtained by eligible candidates in the state-level Common Entrance Exam conducted by the Commissioner of Entrance Examination (CEE), Kerala State. 70% of the seats in the Colleges under CAPE will be allotted by the CEE as per the reservation policy of the Government. So also, 25% of seats under Management quota under these institutions are also allotted by the CEE on merit basis and 5% N.R.I seat filled by CAPE on the basis of rank.In addition to the approved intake, 5% of sanctioned intake of the college shall be filled under Tuition Fee Waiver Scheme (TFW) on the basis of merit of the candidate and the annual income of the parents.These students will be provided with a complete tuition fee waiver. All other Fees except tuition fees have to be paid by the beneficiary. Candidates who have passed Higher Secondary Examination, Kerala, or Examinations recognized as equivalent thereto, with Physics and Mathematics as compulsory subjects and Chemistry as one of the optional subject with atleast 45% marks put together in the above subjects are eligible for admission.In case, the candidate has not studied Chemistry, the marks obtained in Computer Science shall be considered. In case, the candidate has not studied Chemistry and Computer Science the marks obtained in Biotechnology shall be considered. In case, the candidate has not studied Chemistry, Computer Science and Biotechnology the marks obtained in Biology shall be considered.


	Cutoff/Last Candidate Admitted	Appendix-II							
	Fees in Rupees	Appendix-III							
	Number of Fee Waivers Offered	2019-2020 9	2018-2019 9	2017-18 12	2016-2017 12				
	Admission Calendar	Admission Calendar issued every year by Govt.of Kerala through common prospectus for admission to professional degree courses.							
	PIOQuota	No							
15	Infrastructural Information ClassRoom /Tutorial Room Facilities	Class rooms/Tutorial rooms -22Nos							
									
	Laboratory Details	Appendix-IV							
	Computer Centre Facilities	The computing facility comprises of computer systems of various configurations and systems are connected through Local Area Network .32 Mbps broad band connections exist in the campus. Major software packages are also available							
									
	Library Facilities	<p>The details of central library is as follows</p> <table> <tr> <td>Number of titles of the books</td> <td>-2350</td> </tr> <tr> <td>Number of volumes</td> <td>-14000</td> </tr> </table>				Number of titles of the books	-2350	Number of volumes	-14000
Number of titles of the books	-2350								
Number of volumes	-14000								


		
	Facilities For Disabled	Yes
	Any Other Facilities	<ul style="list-style-type: none"> • Computerized examination cell for conducting examinations • 11kV Substation with Generator Backup for the entire campus. • Generator backup facility
	Drawing Hall	
	Play Ground	


	Transportation	
	Canteen	
16	Boys Hostel	NO
	Girls Hostel	Yes
	Medical And Other Facilities At Hostel	Yes
17	Academic Sessions	<ul style="list-style-type: none"> • The College is affiliated to APJ Abdul Kalam Technological University, following the curriculum and syllabi s of the university. The program me is conducted in a time span of 8 Semester's .The scheme of evaluation includes both internal assessment and university examination. The laboratory sessions and project works are continuously evaluated for awarding the grades. The internal evaluation for the theory subjects is done with the help of two formal series examinations in each semester, various assignments and surprise test papers. • A Study Tour is conducted in the Fifth Semester giving importance to industrial visits which help them to have industry institution interaction. • An Industrial visit in the Third and Sixth Semester is promoted to enable them understand practical application of theoretical concepts. Extra Lab and theory sessions are planned and implemented based on student performance during semesters .Audio visual are thoroughly used in theory and tutorial sessions. Students are encouraged to work on community service projects.


18	Examination System, Year/Semester	• Semester wise examination.
	Period of Declaration of Results	Every six months
	Counseling/Mentoring	YES.
	Career Counseling	Career counseling sessions are arranged for students by Career Guidance and Placement Unit (CGPU) of the college.CGPU prepares the students to face competitive examinations and interviews through intensive training programmes.Aptitude tests, group discussions, and mock interviews are conducted regularly.
	Medical Facilities	No
	Student Insurance	Nil
19	Students Activity Bod y	SENATE consisting of Chairman, Secretary, Magazine Editor, Sports Secretar y,Arts Secretar y etc .,NSS
	Cultural Activities	ARTSCLUB, MUSICCLUB .Arts Festivals conducted every year.
	Sports Activities	Annual sports meet
	Literary Activities	Periodic conduct of Essay competitions ,Debates ,openforum etc
	Magazine/News Letter	Yearly publication of College Magazine
	Technical Activities/Tech Fest	IEEE, ECLIPSE,UNCSE, AEEES.
	Industrial Visits/Tours	Arranged Regularly
	Alumni Activities	
20	Name of the Information Officer For RTI	Dr.BijuKumar R
	Designation	Professor with full additional charge of principal
	Phone No. with STD Code	0475-2022810
	Fax No .with STD Code	0475-2225959
	Email	principal.pathanapuram@gmail.com


APPENDIX-I


Name of Teaching Staff	Dr.BijuKumar R 		
Designation	Principal		
Department	ELECTRONICS AND COMMUNICATION ENGINEERING		
Date of Joining	29/1/2021		
Qualifications	UG-B.Tech	PG-M.Tech	PhD-Wireless communication
Total Experience in Years	Teaching-24	Industry-1	Research-8
Papers Published	National-6		International -8
Papers Presented in Conferences	National-6		International-3
PhDGuide? Givefield&University	Field- Wireless communication		University- Kerala
PhDs/ ProjectsGuided	PhDs-18		Projectsat Masterslevel -1
Books Published/IPRs/Patents	0		
Professional Memberships	ISTE		
Consultancy Activities	Nil		
Awards	Nil		
Grants fetched	Nil		
Interaction with Professional Institutions	Nil		


	Name of Teaching Staff	Ms.DeepaR 		
	Designation	Asst Professor		
	Department	CIVIL ENGINEERING		
	Date of Joining	09/01/2011		
	Qualifications	UG-BTech	PG-MTECH	PhD-Doing
	Total Experience in Years	Teaching-11	Industry-1	Research-0
	Papers Published	National-0		International -1
	Papers Presented in Conferences	National-0		International-1
	PhDGuide? Givefield&Universit y	Field-		University-
	PhDs/ Projects Guided	PhDs-0		Projectsat Masterslevel -0
	Books Published/IPRs/Patents	0		
	Professional Memberships	ISTE		
	Consultancy Activities	Nil		
	Awa rds	Nil		
	Grants fetched	CERD students Project2014		
	Interaction with Professional Institutions	Nil		


	Name of Teaching Staff	Mr.SHAHASS 		
	Designation	Asst Professor		
	Department	CIVIL ENGINEERING		
	Date of Joining	9/24/2012		
	Qualifications	UG-BTECH	PG-MTECH	PhD-Nil
	Total Experience in Years	Teaching-10	Industry-0	Research-0
	Papers Published	National-0		International -7
	Papers Presented in Conferences	National-2		International-0
	PhDGuide? Give field&University	Field-		University-
	PhDs/ Projects Guided	PhDs-0		Projects at Masters level -0
	Books Published/IPRs/Patents	0		
	Professional Memberships	Nil		
	Consultancy Activities	Nil		
	Awards	Nil		
	Grants fetched	CERD Funding		
	Interaction with Professional Institutions	Nil		


	Name of Teaching Staff	Mrs.Shameena M 		
	Designation	Asst Professor		
	Department	CIVIL ENGINEERING		
	Date of Joining	07/05/2013		
	Qualifications	UG-BTECH	PG-MTECH	PhD-Nil
	Total Experience in Years	Teaching-11	Industry-0	Research-0
	Papers Published	National-0		International -1
	Papers Presented in Conferences	National-1		International-0
	PhDGuide? Givefield&Universit y	Field-		University-
	PhDs/ Projects Guided	PhDs-0		Projects at Masterslevel -0
	Books Published/IPRs/Pa tents	0		
	Professional Memberships	IEI		
	Consultancy Activities	Nil		
	Awa rds	Nil		
	Grants fetched	Nil		
	Interaction with Professional Institutions	Nil		


	Name of Teaching Staff	Ms.BIJIS 		
	Designation	Asst Professor		
	Department	CIVIL ENGINEERING		
	Date of Joining	8/14/2013		
	Qualifications	UG-BTECH	PG-MTECH	PhD-Nil
	Total Experience in Years	Teaching-10	Industry-2.6	Research-0
	Papers Published	National-0		International -0
	Papers Presented in Conferences	National-1		International-0
	PhDGuide? Givefield&University	Field-		University-
	PhDs/ Projects Guided	PhDs-0		Projects at Masterslevel -0
	Books Published/IPRs/Patents	0		
	Professional Memberships	Nil		
	Consultancy Activities	Nil		
	Awards	Nil		
	Grants fetched	Nil		
	Interaction with Professional Institutions	Nil		


	Name of Teaching Staff	Ms.Sivabala P 		
	Designation	Asst Professor		
	Department	CIVIL ENGINEERING		
	Date of Joining	8/21/2013		
	Qualifications	UG-BE	PG-ME	PhD- Materials
	Total Experience in Years	Teaching-10	Industry-0	Research-0.5
	Papers Published	National-0		International -7
	Papers Presented in Conferences	National-0		International-2
	PhDGuide? Givefield&University	Field-		University-
	PhDs/ Projects Guided	PhDs-0		Projects at Masterslevel -0
	Books Published/IPRs/Patents	0		
	Professional Memberships	ISTE		
	Consultancy Activities	Nil		
	Awards	1stRank in ME Examination,18 th Rank in BE Examination		
	Grants fetched	CERDStudentsProject2014-45000		
	Interaction with Professional Institutions	Nil		


	Name of Teaching Staff	Ms. REMYAS R 		
	Designation	Asst Professor		
	Department	CIVIL ENGINEERING		
	Date of Joining	08/12/2014		
	Qualifications	UG-BTECH	PG-MTECH	PhD-Nil
	Total Experience in Years	Teaching-11	Industry-0	Research-1
	Papers Published	National-0		International -0
	Papers Presented in Conferences	National-0		International-0
	PhD Guide? Give field & University	Field-		University-
	PhDs/ Projects Guided	PhDs-0		Projects at Masters level -0
	Books Published/ IPRs/ Patents	0		
	Professional Memberships	ISTE		
	Consultancy Activities	Nil		
	Awards	Nil		
	Grants fetched	Nil		
	Interaction with Professional Institutions	Nil		


	Name of Teaching Staff	Ms.Surya RavindranNair 		
	Designation	Asst Professor		
	Department	COMPUTERSCIENCEANDENGINEERING		
	Date of Joining	07/03/2012		
	Qualifications	UG-B.TECH	PG-	PhD-
	Total Experience in Years	Teaching-6.5	Industry-0	Research-0
	Papers Published	National-0		International -0
	Papers Presented in Conferences	National-0		International-0
	PhDGuide? Givefield&University	Field-		University-
	PhDs/ Projects Guided	PhDs-0		Projects at Masters level -0
	Books Published/IPRs/Patents	0		
	Professional Memberships	Nil		
	Consultancy Activities	Nil		
	Awards	Nil		
	Grants fetched	Nil		
	Interaction with Professional Institutions	Nil		


	Name of Teaching Staff	Mr.Siju Koshy		
				
	Designation	Asst Professor		
	Department	COMPUTER SCIENCE AND ENGINEERING		
	Date of Joining	07/10/2012		
	Qualifications	UG–BTECH	PG-	PhD-Nil
	Total Experience in Years	Teaching–11	Industry–4	Research-0
	Papers Published	National-0		International -0
	Papers Presented in Conferences	National-0		International-0
	PhDGuide? Givefield&University	Field-		University-
	PhDs/ Projects Guided	PhDs-0		Projects at Masters level -0
	Books Published/IPRs/Patents	0		
	Professional Memberships	Nil		
	Consultancy Activities	Nil		
	Awards	Nil		
	Grants fetched	CERD STUDENTS PROJECT2015-16		
	Interaction with Professional Institutions	Nil		


	Name of Teaching Staff	Mrs.RANA SURENDRAN 		
	Designation	Asst Professor		
	Department	COMPUTER SCIENCE AND ENGINEERING		
	Date of Joining	01/07/2010		
	Qualifications	UG–BTECH	PG-	PhD-Nil
	Total Experience in Years	Teaching–11	Industry–4	Research-0
	Papers Published	National-2		International -0
	Papers Presented in Conferences	National-1		International-0
	PhDGuide? Givefield&University	Field-		University-
	PhDs/ Projects Guided	PhDs-0		Projects at Masters level -2
	Books Published/IPRs/Patents	0		
	Professional Memberships	Nil		
	Consultancy Activities	Nil		
	Awards	Nil		
	Grants fetched	Nil		
	Interaction with Professional Institutions	Nil		


	Name of Teaching Staff	Ms.Shamna A L 		
	Designation	Asst Professor		
	Department	COMPUTER SCIENCE AND ENGINEERING		
	Date of Joining	01/07/2010		
	Qualifications	UG-B.TECH	PG-	PhD-Nil
	Total Experience in Years	Teaching-11	Industry-0	Research-0
	Papers Published	National-0		International -0
	Papers Presented in Conferences	National-0		International-0
	PhDGuide? Givefield&University	Field-		University-
	PhDs/ Projects Guided	PhDs-0		Projects at Masters level -0
	Books Published/IPRs/Patents	0		
	Professional Memberships	Nil		
	Consultancy Activities	Nil		
	Awards	Nil		
	Grants fetched	Nil		
	Interaction with Professional Institutions	Nil		


	Name of Teaching Staff	Ms.JOOBY E 		
	Designation	Asst Professor		
	Department	COMPUTER SCIENCE AND ENGINEERING		
	Date of joining	09/10/2013		
	Qualifications	UG-BE	PG-ME	PhD-Nil
	Total Experience in Years	Teaching-11	Industry-0	Research-0
	Papers Published	National-0		International -0
	Papers Presented in Conferences	National-1		International-1
	PhDGuide? Givefield&Universit y	Field-		University-
	PhDs/ Projects Guided	PhDs-0		Projectsat Masterslevel -0
	Books Published/IPRs/Pa tents	0		
	Professional Memberships	ISTE		
	Consultancy Activities	Nil		
	Awards	Nil		
	Grants fetched	NIL		
	Interaction with Professional Institutions	Nil		


	Name of Teaching Staff	Ms.NEJIYAA K 		
	Designation	Asst Professor		
	Department	COMPUTER SCIENCE AND ENGINEERING		
	Date of Joining	09/03/2016		
	Qualifications	UG-BTECH	PG-MTECH	PhD-Nil
	Total Experience in Years	Teaching-8	Industry-1.02	Research-0
	Papers Published	National-1		International -0
	Papers Presented in Conferences	National-0		International-1
	PhDGuide? Givefield&Universit y	Field-		University-
	PhDs/ Projects Guided	PhDs-0		Projects at Masters level -0
	Books Published/IPRs/Pa tents	0		
	Professional Memberships	Nil		
	Consultancy Activities	Nil		
	Awards	Nil		
	Grants fetched	Nil		
	Interactionwith ProfessionalIns titutions	Nil		


	Name of Teaching Staff	Ms.NavithaK Krishnan 		
	Designation	Asst Professor		
	Department	ELECTRONICS AND COMMUNICATION ENGINEERING		
	Date of Joining	8/16/2013		
	Qualifications	UG-B-Tech	PG-M.Tech	PhD- Nil
	Total Experience in Years	Teaching-15	Industry-0	Research-0
	Papers Published	National-0		International -1
	Papers Presented in Conferences	National-0		International-1
	PhD Guide? Give field & University	Field-		University-
	PhDs/ Projects Guided	PhDs-0		Projects at Masters level -0
	Books Published/ IPRs/ Patents	0		
	Professional Memberships	ISTE		
	Consultancy Activities	Nil		
	Awards	Nil		
	Grants fetched	Nil		
	Interaction with Professional Institutions	Nil		


	Name of Teaching Staff	Ms.Radhika Krishnan Namboodiri 		
	Designation	Asst Professor		
	Department	ELECTRONICSANDCOMMUNICATIONE NGINEERING		
	Date of Joining	07/03/2012		
	Qualifications	UG–B.E	PG-MTech	PhD-
	Total Experience in Years	Teaching–13	Industry–1	Research-
	Papers Published	National-1		International-
	Papers Presented in Conferences	National-		International-2
	PhDGuide? Givefield&Universit y	Field-		University-
	PhDs/ Projects Guided	PhDs-		Projects at Masterslevel-
	Books Published/IPRs/Pa tents			
	Professional Memberships	ISTE		
	Consultancy Activities	Nil		
	Awards	Nil		
	Grants fetched	Nil		
	Interaction with Professional Institutions	Nil		


	Name of Teaching Staff	Ms.Renjini R 		
	Designation	Asst Professor		
	Department	ELECTRONICSANDCOMMUNICATIONENGINEERING		
	Date of Joining	03/07/2012		
	Qualifications	UG-B-TECH	PG-	PhD-
	Total Experience in Years	Teaching-14	Industry-0	Research-
	Papers Published	National-		International-1
	Papers Presented in Conferences	National-1		International-
	PhDGuide? Givefield&University	Field-		University-
	PhDs/ Projects Guided	PhDs-		Projects at Masterslevel-
	Books Published/IPRs/Patents			
	Professional Memberships	ISTE		
	Consultancy Activities	Nil		
	Awards	Nil		
	Grants fetched	Nil		
	Interaction with Professional Institutions	Nil		


	Name of Teaching Staff	Ms.Smrithi V 		
	Designation	AsstProfessor		
	Department	ELECTRONICSANDCOMMUNICATIONENGINEERING		
	Date of Joining	03/07/2012		
	Qualifications	UG-BTECH	PG-MTECH	PhD-
	Total Experience in Years	Teaching-14	Industry-0	Research-
	Papers Published	National-		International-1
	Papers Presented in Conferences	National-1		International-
	PhD Guide? Give field & University	Field-		University-
	PhDs/ Projects Guided	PhDs-		Projects at Masters level-
	Books Published/ IPRs/ Patents			
	Professional Memberships	ISTE		
	Consultancy Activities	Nil		
	Awards	Nil		
	Grants fetched	Nil		
	Interaction with Professional Institutions	Nil		


	Name of Teaching Staff	Ms.Shiney Thankachen 		
	Designation	Asst Professor		
	Department	ELECTRONICSANDCOMMUNICATION ENGINEERING		
	Date of Joining	03/08/2016		
	Qualifications	UG–BTECH	PG-MTECH	PhD-Doing
	Total Experience in Years	Teaching–15	Industry–0	Research-
	Papers Published	National-8		International-0
	Papers Presented in Conferences	National-1		International-6
	PhDGuide? Givefield&Universit y	Field-		University-
	PhDs/ Projects Guided	PhDs-		Projects a tMasters level-1
	BooksPublished/IPRs/Pa tents			
	Professional Memberships	ISTE		
	Consultancy Activities	NIL		
	Awards	NIL		
	Grants fetched	NIL		
	Interactionwith Professional Institutions	NIL		


	Name of Teaching Staff	Mr.Rajesh P 		
	Designation	Asst Professor		
	Department	ELECTRONICS AND COMMUNICATION ENGINEERING		
	Date of Joining	13/07/2017		
	Qualifications	UG-BTECH	PG-MTECH	PhD-
	Total Experience in Years	Teaching-14	Industry-0	Research-
	Papers Published	National-0		International-0
	Papers Presented in Conferences	National-0		International-0
	PhD Guide? Give field & University	Field-		University-
	PhDs/ Projects Guided	PhDs-		Projects at Masters level-
	Books Published/ IPRs/ Patents			
	Professional Memberships	IEEE, ISTE		
	Consultancy Activities	NIL		
	Awards	NIL		
	Grants fetched	NIL		
	Interaction with Professional Institutions	NIL		


Name of Teaching Staff	Ms.AbjhasreeSS 		
Designation	Asst Professor		
Department	ELECTRICAL AND ELECTRONICS ENGINEERING		
Date of Joining	10/07/2012		
Qualifications	UG-B-TECH	PG-M-TECH	PhD-Nil
Total Experience in Years	Teaching-13	Industry-0	Research-0
Papers Published	National-2		International -0
Papers Presented in Conferences	National-0		International-3
PhD Guide? Give field & University	Field-		University-
PhDs/ Projects Guided	PhDs-0		Projects at Masters level -0
Books Published/IPRs/Patents	0		
Professional Memberships	Nil		
Consultancy Activities	Nil		
Awards	Nil		
Grants fetched	CERD Students Project 2014-Rs-1,30,000		
Interaction with Professional Institutions	Nil		


	Ms.FATHIMA SALIM		
Name of Teaching Staff			
Designation	Asst Professor		
Department	ELECTRICAL AND ELECTRONICS ENGINEERING		
Date of Joining	01/07/2011		
Qualifications	UG-B-TECH	PG-MTECH	PhD-Nil
Total Experience in Years	Teaching-11	Industry-0	Research-0
Papers Published	National-0		International -2
Papers Presented in Conferences	National-1		International-0
PhD Guide? Give field & University	Field-		University-
PhDs/ Projects Guided	PhDs-0		Projects at Masters level -0
Books Published/ IPRs/ Patents	0		
Professional Memberships	Nil		
Consultancy Activities	Nil		
Awards	Nil		
Grants fetched	Nil		
Interaction with Professional Institutions	Nil		


	Name of Teaching Staff	Mr.ANASSR 		
	Designation	Asst Professor		
	Department	ELECTRICAL AND ELECTRONICS ENGINEERING		
	Date of Joining	07/07/2012		
	Qualifications	UG-B.TECH	PG-M.Tech	PhD-Nil
	Total Experience in Years	Teaching-11	Industry-0	Research-0
	Papers Published	National-2		International -0
	Papers Presented in Conferences	National-0		International-1
	PhDGuide? Givefield&Universt y	Field-		University-
	PhDs/ Projects Guided	PhDs-0		Projects at Masters level -0
	Books Published/IPRs/Pa tents	0		
	Professional Memberships	Nil		
	Consultancy Activities	Nil		
	Awards	Nil		
	Grants fetched	Nil		
	Interaction with Professional Institutions	Nil		


	Name of Teaching Staff	Mr. Santhosh Raj 		
	Designation	Asst Professor		
	Department	ELECTRICAL AND ELECTRONICS ENGINEERING		
	Date of Joining	01/07/2010		
	Qualifications	UG-BTECH	PG-MTECH	PhD- Nil
	Total Experience in Years	Teaching-11	Industry-0	Research-0.5
	Papers Published	National-0		International -3
	Papers Presented in Conferences	National-1		International-1
	PhD Guide? Give field & University	Field-		University-
	PhDs/ Projects Guided	PhDs-0		Projects at Masters level -0
	Books Published/ IPRs/ Patents	0		
	Professional Memberships	Nil		
	Consultancy Activities	Nil		
	Awards	Nil		
	Grants fetched	Nil		
	Interaction with Professional Institutions	Nil		


	Name of Teaching Staff	Ms.NishaKuriakose 		
	Designation	Asst Professor		
	Department	ELECTRICALELECTRONICSE NGINEERING		
	Date of Joining	08/11/2014		
	Qualifications	UG-B.TECH	PG-ME	PhD-Nil
	Total Experience in Years	Teaching-10	Industry-0	Research-0
	Papers Published	National-0		International -2
	Papers Presented in Conferences	National-1		International-0
	PhDGuide? Givefield&Universit y	Field-		University-
	PhDs/ Projects Guided	PhDs-0		Projects at Masters level -0
	Book Published/IPRs/Patents	0		
	Professional Memberships	Nil		
	Consultancy Activities	Nil		
	Awards	Nil		
	Grants fetched	Nil		
	Interaction with Professional Institutions	Nil		


	Name of Teaching Staff	Mr.ALISH VIJI VARGHESE 		
	Designation	Asst Professor		
	Department	BASICSCIENCE&MECHANICALE NGINEERING		
	Date of Joining	09/06/2017		
	Qualifications	UG-B.Sc.	PG-M.Sc.	PhD-Nil
	Total Experience in Years	Teaching-11	Industry-0	Research-0
	Papers Published	National-0		International -0
	Papers Presented in Conferences	National-0		International-0
	PhDGuide? Givefield&Universit y	Field-		University-
	PhDs/ Projects Guided	PhDs-0		Projects at Masters level -0
	Books Published/IPRs/Pa tents	0		
	Professional Memberships	Nil		
	Consultancy Activities	Nil		
	Awards	Nil		
	Grants fetched	Nil		
	Interaction with Professional Institutions	Nil		


	Name of Teaching Staff	MsJisha A S 		
	Designation	ASSISTANT PROFESSOR(Adhoc)		
	Department	CE		
	Date of Joining	07/07/2015		
	Qualifications	UG–B.Tech	PG-MTech	PhD-Nil
	Total Experience in Years	Teaching–5	Industry–NIL	Research-NIL
	Papers Published	National-1		International-NIL
	Papers Presented in Conferences	National-3		International-NIL
	PhD Guide? Givefield&Universit y	NO Field-NIL		University-NIL
	PhDs/Projects Guided	PhDs -NIL		Projects at Masters level- N IL
	Books Published/IPRs/Pa tents	NIL		
	Professional Memberships	NIL		
	Consultancy Activities	NIL		
	Awards	NIL		
	Grants fetched	NIL		
	Interactionwith ProfessionalIns titutions	NIL		


	Name of Teaching Staff	ANJALY SUSAN PHILIP 		
	Designation	Asst Professor		
	Department	CIVILENGINEERING(Adhoc)		
	Date of Joining	02/08/2017		
	Qualifications	UG-BE	PG-ME	PhD-Nil
	Total Experience in Years	Teaching-4	Industry-0	Research-0
	Papers Published	National-0		International-Nil
	Papers Presented in Conferences	National-0		International-3
	PhD Guide? Give field & University	Field-		University-
	PhDs/ Projects Guided	PhDs-0		Projects at Masters level -0
	Books Published/ IPRs/ Patents	0		
	Professional Memberships	Nil		
	Consultancy Activities	Nil		
	Awards	Nil		
	Grants fetched	Nil		
	Interaction with Professional Institutions	Nil		


	Name of Teaching Staff	Ms.NIDHY S V 		
	Designation	Asst Professor		
	Department	CIVIL ENGINEERING(Adh oc)		
	Date of Joining	08/02/2016		
	Qualifications	UG-BTECH	PG-ME	PhD-Nil
	Total Experience in Years	Teaching-5	Industry-0	Research-0
	Papers Published	National-0		International -0
	Papers Presented in Conferences	National-1		International-0
	PhDGuide? Givefield&Universit y	Field-		University-
	PhDs/ ProjectsGuided	PhDs-0		Projects at Mastersl evel -0
	BooksPublished/IPRs/Pa tents	0		
	Professional Memberships	Nil		
	Consultancy Activities	Nil		
	Awards	Nil		
	Grants fetched	Nil		
	Interactionwith ProfessionalIns titutions	Nil		


		Ms.Midhula Madhusoodhanan		
	Name of Teaching Staff			
	Designation	Asst Professor		
	Department	CIVIL ENGINEERING(Adhoc)		
	Date of Joining the Institution	13/01/2020		
	Qualifications	UG – B TECH	PG- MTECH	PhD - Nil
	Total Experience in Years	Teaching – 2	Industry – 0.6	Research - 0
	Papers Published	National - 0		International - 0
	Papers Presented in Conferences	National - 1		International - 1
	PhD Guide? Give field & University	Field-		University-
	PhDs / Projects Guided	PhDs - 0		Projects at Masters level - 0
	Books Published / IPRs/ Patents	0		
	Professional Memberships	Nil		
	Consultancy Activities	Nil		
	Awards	Nil		
	Grants fetched	Nil		
	Interaction with Professional Institutions	Nil		


	Name of Teaching Staff	HASHNA N 		
	Designation	Asst Professor(Adhoc)		
	Department	COMPUTER SCIENCE & ENGINEERING		
	Date of Joining the Institution (MM/DD/YYYY)	13/08/2015		
	Qualifications	UG – BTECH	PG- MTECH	PhD - Nil
	Total Experience in Years	Teaching – 4	Industry – 0	Research - 0
	Papers Published	National - 0		International - 0
	Papers Presented in Conferences	National - 1		International - 0
	PhD Guide? Give field & University	Field-		University-
	PhDs / Projects Guided	PhDs - 0		Projects at Masters level - 0
	Books Published / IPRs/ Patents	0		
	Professional Memberships	Nil		
	Consultancy Activities	Nil		
	Awards	Nil		
	Grants fetched	Nil		
	Interaction with Professional Institutions	Nil		


	Name of Teaching Staff	Ms. SRUTHI S V 		
	Designation	Asst Professor		
	Department	COMPUTER SCIENCE & ENGINEERING		
	Date of Joining the Institution (MM/DD/YYYY)	08/01/2018		
	Qualifications	UG – BTECH	PG- MTECH	PhD - Nil
	Total Experience in Years	Teaching – .2	Industry – 0.6	Research - 0
	Paper s Published	National - 0		International - 1
	Paper s Presented in Con fer ences	National - 2		International - 1
	PhD Guide? Give field & Uni ver sit y	Field-		Universit y-
	PhDs / Projects Guided	PhDs - 0		Proj ects at Masters level - 0
	Books Published / IPRs/ Patents	0		
	Pr ofessio nal M emberships	Nil		
	Consultancy Acti viti es	Nil		
	Awards	Nil		
	Grants fetch ed	Nil		
	Inter act ion with Pr ofessi onal Institutions	Nil		


1	Name of Teaching Staff	KAVYA J MOHAN 		
	Designation	Asst Professor (Adhoc)		
	Department	ELECTRONICS AND COMMUNICATION ENGG		
	Date of Joining the Institution (MM/DD/YYYY)	16/07/2015		
	Qualifications	UG- BTECH	PG- MTECH	PhD - Nil
	Total Experience in Years	Teaching -1	Industry -	Research -
	Papers Published	National-		International-
	Papers Presented in Conferences	National - Nil		International - Nil
	PhD Guide? Give field & University	Field-		University-
	PhDs / Projects Guided	PhDs -		Projects at Masters level -
	Books Published / IPRs/ Patents	Nil		
	Professional Memberships	Nil		
	Consultancy Activities	Nil		
	Awards	Nil		
	Grants fetched	Nil		
	Interaction with Professional Institutions	Nil		


	Name of Teaching Staff	Mr.Amsu Thejus 		
	Designation	Adhoc		
	Department	ELECTRONICS AND COMMUNICATION ENGINEERING		
	Date of Joining	14/12/2016		
	Qualifications	UG-BTECH	PG-MTECH	PhD-
	Total Experience in Years	Teaching-1	Industry-0	Research-
	Papers ublished	National-0		International-0
	Papers Presented in Conferences	National-0		International-1
	PhDGuide? Givefield&Universit y	Field-		University-
	PhDs/ ProjectsGuided	PhDs-		Projects at Masterslevel-
	Books Published/IPRs/Pa tents			
	Professional Memberships	IEEE,ISTE		
	Consultancy Activities	NIL		
	Awa rds			
	Grants fetched	NIL		
	Interaction with Professional Institutions	NIL		


	Name of Teaching Staff	Ms. SHAMSAD BEEGAM P 		
	Designation	Asst Professor		
	Department	ELECTRICAL AND ELECTRONICS ENGINEERING		
	Date of Joining the Institution (MM/DD/YYYY)	07/09/2014		
	Qualifications	UG – B.TECH	PG- M.E	PhD - Nil
	Total Experience in Years	Teaching – 13	Industry – 0	Research - 0
	Papers Published	National - 0		International - 0
	Papers Presented in Conferences	National - 2		International - 1
	PhD Guide? Give field & University	Field-		University-
	PhDs / Projects Guided	PhDs - 0		Projects at Masters level - 0
	Books Published / IPRs/ Patents	0		
	Professional Memberships	Nil		
	Consultancy Activities	Nil		
	Awards	Nil		
	Grants fetched	Nil		
	Interaction with Professional Institutions	Nil		


	Name of Teaching Staff	Mrs.Nishana S S 		
	Designation	ASSISTANT PROFESSOR (Adhoc)		
	Department	Computer Science and Engineering		
	Date of Joining the Institution	24/10/2018		
	Qualifications	UG –B.Tech	PG-MTech	PhD -
	Total Experience in Years	Teaching – 2	Industry –0	Resear ch -NIL
	Papers Published	National - N I L		International -N I L
	Papers Presented in Conferences	National - NIL		International - NIL
	PhD Guide? Give field & Universit y	NO Field-NIL		University-NIL
	PhDs / Projects Guided	PhDs -NIL		Projects at Masters level - N I L
	Books Published / IPRs/ Patents	NIL		
	Professional M ember ships	NIL		
	Consultancy Activities	NIL		
	Awards	NIL		
	Grants fetched	NIL		
	Interact ion with Professional Institutions	NIL		


	Name of Teaching Staff	Mrs.Siby Abraham 		
	Designation	Asst Professor(Adhoc)		
	Department	Computer Science and Engineering		
	Date of Joining the Institution (MM/DD/YYYY)	22/03/2021		
	Qualifications	UG–BTech	PG-MTech	PhD-Nil
	Total Experience in Years	Teaching –2	Industry – 0	Research - 0
	Paper s Published	National - 0		International - 0
	Paper s Presented in Conferences	National - 0		International - 0
	PhD Guide? Give field & Universit y	Field-		Universit y-
	PhDs / Projects Guided	PhDs - 0		Proj ects at Masters level - 0
	Books Published / IPRs/ Patents	0		
	Professio nal Memberships	Nil		
	Consultancy Activities	Nil		
	Awards	Nil		
	Grants fetched	Nil		
	Inter act ion with Professional Institutions	Nil		


	Name of Teaching Staff	<p>Mr.Thulaseedharan</p> 		
	Designation	Asst Professor		
	Department	Mechanical Engineering		
	Date of Joining the Institution (MM/DD/YYYY)	15/07/2019		
	Qualifications	UG-B-Tech	PG-M Tech	PhD- Doing Phd
	Total Experience in Years	Teaching –14	Industry – 0	Research - 0
	Paper s Published	National - 2		International - 0
	Paper s Presented in Conferences	National - 0		International - 1
	PhD Guide? Give field & University	Field-		Universit y-
	PhDs / Projects Guided	PhDs - 0		Projects at Masters level - 0
	Books Published / IPRs/ Patents	0		
	Professional Memberships	Nil		
	Consultancy Activities	Nil		
	Awards	Nil		
	Grants fetched	Nil		
	Inter act ion with Professional Institutions	Nil		

	Name of Teaching Staff	Mr.Syamlal T		
				
	Designation	Asst Professor		
	Department	Mechanical Engineering		
	Date of Joining the Institution (MM/DD/YYYY)	01/08/2019		
	Qualifications	UG-B-Tech	PG-M Tech	PhD-Nil
	Total Experience in Years	Teaching –13	Industry – 0	Research - 0
	Paper s Published	National - 2		International - 0
	Paper s Presented in Conferences	National - 1		International - 1
	PhD Guide? Give field & University	Field-		Universit y-
	PhDs / Projects Guided	PhDs - 0		Projects at Masters level - 0
	Books Published / IPRs/ Patents	0		
	Professional Memberships	Nil		
	Consultancy Activities	Nil		
	Awards	Nil		
	Grants fetched	Nil		
	Inter act ion with Professional Institutions	Nil		

	Name of Teaching Staff	Mr. Vivek Raju		
				
	Designation	Asst Professor		
	Department	Mechanical Engineering		
	Date of Joining the Institution	02/07/2018		
	Qualifications	UG-B-Tech	PG-M Tech	PhD- Nil
	Total Experience in Years	Teaching –13	Industry – 0	Research - 0
	Paper s Published	National - 1		International - 0
	Paper s Presented in Conferences	National - 1		International - 1
	PhD Guide? Give field & University	Field-		University-
	PhDs / Projects Guided	PhDs - 0		Projects at Masters level - 0
	Books Published / IPRs/ Patents	0		
	Professional Memberships	Nil		
	Consultancy Activities	Nil		
	Awards	Nil		
	Grants fetched	Nil		
	Inter act ion with Professional Institutions	Nil		


	Name of Teaching Staff	<p>Mr.Sreesh P S</p> 		
	Designation	Asst Professor		
	Department	Mechanical Engineering		
	Date of Joining the Institution	01/06/2018		
	Qualifications	UG-B-Tech	PG-M Tech	PhD-Doing Phd
	Total Experience in Years	Teaching –11	Industry – 0	Research - 0
	Paper s Published	National -		International - 0
	Paper s Presented in Conferences	National - 1		International - 1
	PhD Guide? Give field & University	Field-		University-
	PhDs / Projects Guided	PhDs - 0		Projects at Masters level - 0
	Books Published / IPRs/ Patents	0		
	Professional Memberships	Nil		
	Consultancy Activities	Nil		
	Awards	Nil		
	Grants fetched	Nil		
	Inter act ion with Professional Institutions	Nil		


	Name of Teaching Staff	Mr. Anoop S 		
	Designation	Asst Professor		
	Department	Mechanical Engineering		
	Date of Joining the Institution	01/08/2018		
	Qualifications	UG-B-Tech	PG-M Tech	PhD
	Total Experience in Years	Teaching -3	Industry - 0	Research - 0
	Paper s Published	National -		International - 0
	Paper s Presented in Conferences	National - 0		International - 1
	PhD Guide? Give field & University	Field-		University-
	PhDs / Projects Guided	PhDs - 0		Projects at Masters level - 0
	Books Published / IPRs/ Patents	0		
	Professional Memberships	Nil		
	Consultancy Activities	Nil		
	Awards	Nil		
	Grants fetched	Nil		
	Inter act ion with Professional Institutions	Nil		


	Name of Teaching Staff	<p>Mr.Ramu S</p> 		
	Designation	Asst Professor		
	Department	Mechanical Engineering		
	Date of Joining the Institution	02/08/2017		
	Qualifications	UG-B-Tech	PG-M Tech	PhD
	Total Experience in Years	Teaching –3	Industry – 0	Research - 0
	Paper s Published	National - 1		International - 0
	Paper s Presented in Conferences	National - 0		International -
	PhD Guide? Give field & University	Field-		University-
	PhDs / Projects Guided	PhDs - 0		Projects at Masters level - 0
	Books Published / IPRs/ Patents	0		
	Professional Memberships	Nil		
	Consultancy Activities	Nil		
	Awards	Nil		
	Grants fetched	Nil		
	Inter act ion with Professional Institutions	Nil		


Name of Teaching Staff	Mr.Sethu Sathyan		
	<div style="border: 1px solid black; width: 150px; height: 100px; margin: 0 auto;"></div>		
Designation	Asst Professor		
Department	Mechanical Engineering		
Date of Joining the Institution	13/01/2020		
Qualifications	UG-B-Tech	PG-M Tech	PhD
Total Experience in Years	Teaching –1	Industry – 0	Research - 0
Paper s Published	National - 1		International - 0
Paper s Presented in Conferences	National - 0		International - 1
PhD Guide? Give field & University	Field-		University-
PhDs / Projects Guided	PhDs - 0		Projects at Masters level - 0
Books Published / IPRs/ Patents	0		
Professional Memberships	Nil		
Consultancy Activities	Nil		
Awards	Nil		
Grants fetched	Nil		
Inter act ion with Professional Institutions	Nil		

Name of Teaching Staff	Mr.Sinu K jacob		
	<div style="border: 1px solid black; width: 150px; height: 100px; margin: 0 auto;"></div>		
Designation	Asst Professor		
Department	Mechanical Engineering		
Date of Joining the Institution	14/12/2020		
Qualifications	UG-B-Tech	PG-M Tech	PhD
Total Experience in Years	Teaching –5	Industry – 0	Research - 0
Paper s Published	National - 1		International - 0
Paper s Presented in Conferences	National - 0		International - 1
PhD Guide? Give field & University	Field-		University-
PhDs / Projects Guided	PhDs - 0		Projects at Masters level - 0
Books Published / IPRs/ Patents	0		
Professional Memberships	Nil		
Consultancy Activities	Nil		
Awards	Nil		
Grants fetched	Nil		
Inter act ion with Professional Institutions	Nil		

Name of Teaching Staff	<p style="text-align: center;">Mr.Afsal M</p> <div style="text-align: center;">  </div>		
Designation	Asst Professor		
Department	Mechanical Engineering		
Date of Joining the Institution	18/12/2020		
Qualifications	UG-B-Tech	PG-M Tech	PhD
Total Experience in Years	Teaching –2	Industry – 0	Research - 0
Paper s Published	National - 1		International - 0
Paper s Presented in Conferences	National - 0		International - 1
PhD Guide? Give field & University	Field-		University-
PhDs / Projects Guided	PhDs - 0		Projects at Masters level - 0
Books Published / IPRs/ Patents	0		
Professional Memberships	Nil		
Consultancy Activities	Nil		
Awards	Nil		
Grants fetched	Nil		
Inter act ion with Professional Institutions	Nil		

Name of Teaching Staff	Mr.Sumeh U B		
			
Designation	Asst Professor		
Department	Applied Sciences		
Date of Joining the Institution	30/5/2019		
Qualifications	UG-BSc	PG-MSc	UGC Net
Total Experience in Years	Teaching –10	Industry – 0	Research - 0
Paper s Published	National - 0		International - 0
Paper s Presented in Conferences	National - 0		International - 0
PhD Guide? Give field & University	Field-		University-
PhDs / Projects Guided	PhDs - 0		Projects at Masters level - 0
Books Published / IPRs/ Patents	0		
Professional Memberships	Nil		
Consultancy Activities	Nil		
Awards	Nil		
Grants fetched	Nil		
Inter act ion with Professional Institutions	Nil		

Name of Teaching Staff	<p style="text-align: center;">Mrs.Arya B R</p> <div style="text-align: center;">  </div>		
Designation	Asst Professor		
Department	Applied Sciences		
Date of Joining the Institution	13/8/2018		
Qualifications	UG-BSc	PG-MSc	Phd-
Total Experience in Years	Teaching –2	Industry – 0	Research - 0
Paper s Published	National - 0		International - 0
Paper s Presented in Conferences	National - 0		International - 0
PhD Guide? Give field & University	Field-		University-
PhDs / Projects Guided	PhDs - 0		Projects at Masters level - 0
Books Published / IPRs/ Patents	0		
Professional Memberships	Nil		
Consultancy Activities	Nil		
Awards	Nil		
Grants fetched	Nil		
Inter act ion with Professional Institutions	Nil		

Name of Teaching Staff	<p style="text-align: center;">Mrs.Ceyana Hanna James</p> <div style="text-align: center;">  </div>		
Designation	Asst Professor		
Department	Applied Sciences		
Date of Joining the Institution	01/8/2018		
Qualifications	UG-BSc	PG-MSc	Phd-
Total Experience in Years	Teaching –3	Industry – 0	Research - 0
Paper s Published	National - 0		International - 0
Paper s Presented in Conferences	National - 0		International - 0
PhD Guide? Give field & University	Field-		University-
PhDs / Projects Guided	PhDs - 0		Projects at Masters level - 0
Books Published / IPRs/ Patents	0		
Professional Memberships	Nil		
Consultancy Activities	Nil		
Awards	Nil		
Grants fetched	Nil		
Inter act ion with Professional Institutions	Nil		

APPENDIX -II

2020 ADMISSION -LAST RANK DETAIL

Category	Civil Engineering	Computer Science & Engineering	Electronics & Communication Engineering	Electrical & Electronics Engineering	Mechanical Engineering
SM	21063	27453	36291	32728	255278
EZ	23392	31742	37536	32668	32668
MU	22438	28977	44323	33215	33215
LA	31336	38789	-	31907	31907
BH	-	29741	41765	31874	31874
BX	31360	40941	-	-	-
KU	-	-	-	-	-
SC	35167	40559	45519	44749	44749
ST	42740	-	-	-	-
OTHER CATEGORIES	MG:44275	MG:43679			MG:44607

APPENDIX-III

Fees structure for First year for the Academic year 2020-2021

Sl. No.	Particulars	First year Fees			
		Merit	Management	NRI	SC/ST
1	Tuition Fee	35,000/-	65,000/-	1,00,000/-	1000/-
2	Admission Fee (One time)	250/-	250/-	250/-	250/-
3	Caution deposit (one time)	5,000/-	5,000/-	5,000/-	4000/-
4	Establishment Fees	2000/-	2000/-	2000/-	
5	College Special Fee	2000/-	2000/-	2000/-	
6	Co-operative Society	55/-	55/-	55/-	
7	Student Activity Fund	1000/-	1000/-	1000/-	
8	CGPC	500/-	500/-	500/-	500/-
9	PTA Funds (one time)	3,000/-	3,000/-	3,000/-	3000/-
10	University Administration Fee (One time)	1,000/-	1,000/-	1,000/-	1000/-
11	University special Fee	800/-	800/-	800/-	
12	University Exam Fee	3400/-	3400/-	3400/-	
13	Bus Fund (One time)	3000/-	3000/-	3000/-	
14	Other miscellaneous fee	1000/-	1,000/-	1,000/-	1000/-
Total :		56,205/-	86,205/-	1,21,205/-	14205/-

APPENDIX-IV

Laboratory Details

Civil Engineering

1. Environmental lab
2. Fluid mechanics lab
3. Strength of materials lab
4. Survey Practicals
5. Geotechnical Engineering lab
6. Transportation Engineering lab
7. Environmental Engineering lab



ENVIRONMENTALLAB

Sl.No	Name of Equipment	Major Specification
1	Electronic balance	300 gm capacity x 0.001 gm accuracy pan size 80 mm dia.
2	Electronic balance	Electronic balance 600 gm capacity x 0.01 gm accuracy pan size 116 mm dia.
3	Electronic balance	Electronic balance 150 gm capacity x 0.001 gm accuracy
4	Digital Dissolved Oxygen Analyser cum Temp Indicator	Digital Dissolved Oxygen Analyser cum Temp. indicator Auto temp[compensation 10 ⁰ - 50 ⁰ C complete with gold / silver D.O. probe. D.O. membrane std. solutions D.O range 0 - 20 ppm, Temp indication 0 - 1000 ⁰ C 3 ¹ / ₂ digital LED display
5	Laboratory Electric oven	Laboratory Electric oven , with digital indicator cum controller with safety alarm, Range 50 ⁰ - 250 ⁰ C+1 ⁰ C with air circulating fan, in side size 600 x 600 x 600mm.
6	pH meter and pH electrodes	pH meter and pH electrodes (0 to 14) Resolution = 0.001, accur. +/- 0.001 temp range 0 to 1000C pH buffer -4.01 - 475 ml bottle pH buffer -7.00 - 475 ml bottle pH buffer -10.01 - 475 ml bottle Electrode standard
7	Nephelometer	Nephelometer 3 1/2 LED display, Range upto 200 NTU
8	Colorimeter	Colorimeter
9	Spectrophotometer	Spectrophotometer , Wavelength range 340 - 960 nm, 3 digit LED display
10	Magnetic stirrer	Magnetic stirrer with hot plate, Temp 300 ⁰ C, 1 Litre.
11	Hot plate	Hot plate , rectangular, with energy regulator, 250 x 300 x 180 mm, 1.2 KW
12	Jar test apparatus	Jar test apparatus 1/20 HP, 0 - 100 rpm, 6 nos multi spindle
13	Refrigerator	Refrigerator, 230 litre , stabiliser free, frost free, double door, 5 star electrical rating
14	Laminar air flow	Laminar air flow constructed out of CRCA MS sheet metal with stoving enamel coating provided with HDP Pre filter for ease of cleaning Hepa filters of 0.3M particles for 99.99% efficiency, tube lights, Castor wheels for ease of movements, Acrylic side screens / Glass, Electrical switch cluster, Standard Melamine table top ultra violet light speed controller.

FM LAB

Sl.No	Name of Equipment	Major Specification
1	Calibration Test Rig For Venturimeter & Orifice Meter	<p>Venturimeter: Gunmetal Venturimeter made as per ASME standard of size 40mm.</p> <p>Orifice Meter: Gunmetal corner tapping orifice meter made as per ASME standard size 40mm.</p> <p>Pipelines: B Class GI pipe of 40mm with pressure distribution manifold, flow control gate valves & 1m length mercury manometer. Manometer chambers made of brass.</p> <p>Water Recirculating Pump: 1/2 HP Kirloskar/reputed ISI brand monoblock self-priming pump.</p> <p>Valve: Gunmetal gate valve ISI brand for flow control, Gunmetal imported ball valve for tank drain. Gunmetal foot valve ISI brand.</p> <p>Glass Tube Fitting: Made of ISI brand Gunmetal.</p> <p>Tanks: All tanks are made of 3mm MS Sheet with water repellent FRP leak proof lining</p> <p>"Sump Tank Size: 2000 x 500 x 400mm. Collecting tank Size: 500x500x600mm. Pressure Gauge: Made of ISI Gunmetal</p> <p>Frame work mounting: Mounted on frame work & completely fitted with all the above items as self contained unit suitable for operation without any foundation.</p> <p>Piezometer fittings : ISI brand brass components</p> <p>Control panel : MS angle stand to house GEM/HPL make main Switch with L&T starter "</p>
2	Bernoulli's Apparatus	<p>Duct :A converging & diverging duct machined from Acrylic rod with bell mouth entry & exit and with pressure tapping points to note the static pressure at different locations.</p> <p>Static Pressure Measurement: Glass tube with scale arrangement on a laminated board. Pipe lines: B class pipes with fittings.</p> <p>Tanks: All tanks are made of 3mm MS Sheet with water repellent FRP leak proof lining .</p> <p>Sump Tank Size: 2000 x 500 x 400 mm</p> <p>Collecting Tank Size: 500 x 500 x 600 mm.</p> <p>Stabilizing Tanks: 250 x 250 x 750 mm, special arrangement for oscillation free rise in water level.</p> <p>Water Recirculating Pump: 0.5 hp Kirloskar/ISI brand monoblock self priming pump.</p> <p>Glass Tube Fitting: Made of Gunmetal.</p> <p>Valves: Gunmetal gate valve ISI brand for flow control, Gunmetal imported ball valve for tank drain. Gunmetal foot valve ISI brand</p> <p>Frame work mounting: Mounted on frame work & completely fitted with all the above items as self contained unit suitable for operation without any foundation. Control panel : MS angle stand to house GEM/HPL make main Switch with L&T starter</p>
3	Flow Through Orifice & Mouth Piece Apparatus	<p>Orifice : Made of SS(3 nos), Dia of 10mm, 12mm & 15mm. Set of mouth Piece : Made of SS (3 nos) Dia of 10mm(for L/D = 1, 2.5 & 4) (straight & converging type mouth piece)</p> <p>Hook Gauge : Made of brass, with gear arrangement for fine movement with vernier scale for X and Y axis measurement.</p> <p>Tanks: All tanks are made of 3mm MS Sheet with water repellent FRP leak proof lining</p> <p>Sump Tank Size: size 2000 x 500 x 400mm.(approx)</p> <p>Collecting Tank Size: 500 x 500 x 600mm.</p> <p>Supply Tank Size: 500 x 500 x 1000mm, Special arrangement for</p>

		<p>oscillation free rise in water level.</p> <p>Water Recirculating Pump:0.5 hp Kirloskar /Suguna/Crompton brand monoblock self priming pump</p> <p>Valves: Gun metal gate valve ISI brand for flow control, Gun metal imported ball valve for tank drain. Gun metal foot valve ISI brand</p> <p>Glass Tube Fitting: ISI brand Gun metal. Frame work mounting: Mounted on frame work & completely fitted with all the above items as self contained unit suitable for operation without any foundation. Control panel : MS angle stand to house GEM/HPL make main Switch with L&T starter</p>
4	Impact of Jet	<p>" Two interchangeable Gun metal nozzle of diameter 15 mm and 20 mm and a set of three interchangeable vanes (Viz)</p> <p>Jet on vane flat with a normal impact</p> <p>Flat vane with 15 degree oblique impact</p> <p>Curved vane with 180 deg deflection</p> <p>Water recirculating pump : 2 hp Kirloskar /Suguna/Crompton to pump water from the sump to the unit through proper system with a gate valve to control the rate of flow, and connected with a DP switch .</p> <p>Pipelines : B Class GI Pipe with fittings , flow control gate valves and 1m length mercury manometer (With mercury) made of brass</p> <p>Fibre glass lined Mild steel Nozzle housing of size 400 x 400 x 400 mm to receive interchangeable gun metal nozzles fitted in a casing with two opposite transparent sides accommodating mechanism to measure the force due to the impact of jet of water on vanes in Kgm units and having brackets to receive interchangeable vanes of different types</p> <p>Sump Tank Size : 2000 x 500 x 500 mm</p> <p>Measuring tank Size : 500x 500 x 1000 mm provided with a gauge glass , scale arrangement and a drain valve</p> <p>Valve : Gunmetal valve ISI brand for flow control , Gun metal imported ball valve for tank drain . Gun metal foot valve ISI brand</p> <p>Tanks : All tanks are made of 3mm MS Sheet with water repellent FRP leak proof lining</p> <p>Frame work mounting: Mounted on frame work & completely fitted with all the above items as self contained unit suitable for operation without any foundation.</p> <p>Control panel : MS angle stand to house GEM/HPL make main Switch with L&T starter.</p>
6	Vertical flow –Time of Emptying Experiment	<p>"Supply tank size of 500x500x1500 mm height with a diffuser gauge glass, scale arrangement with zero of the scale coinciding with centre of the orifice , overflow outlet and drain plug with provision for fixing interchangeable orifices</p> <p>A set of S.S sharp edged orifices of dia 15 mm & 20 mm</p> <p>Hook gauge : Made of brass with gear arrangement for fine movement, with vernier scale for X and Y axis measurement .</p> <p>Micrometer contraction gauge to measure the diameter at vena contracta.</p> <p>Water recirculating pump : 1 hp Kirloskar /Suguna/Crompton brand monoblock self priming pump</p> <p>Glass tube fitting : ISI brand gun metal</p> <p>Valve : Gunmetal valve ISI brand for flow control , Gun metal imported ball valve for tank drain . Gun metal foot valve ISI brand</p> <p>Sump Tank size : 2500x500x500 mm</p> <p>Collecting tank size : 500x500x600 mm</p> <p>Tanks : All tanks are made of 3mm MS Sheet with water repellent</p>

		FRP leak proof lining Frame work mounting: Mounted on frame work & completely fitted with all the above items as self contained unit suitable for operation without any foundation. Control panel : MS angle stand to house GEM/HPL make main Switch with L&T starter.
7	Water meter test set up	Meter size 25 mm Min Reading 0.0001 Max. Reading 99999
8	Centrifugal Pump Test Rig	Pump: size 1-1/4" x 1" x 1" pump with Gun metal jet assembly. pump motor: 3 hp(2880 rpm) Kirloskar /Suguna/Crompton brand monobloc type centrifugal pump to discharge about 500 lpm @ 30 m head with gun metal jet assembly. Pipelines : B class pipes with ISI fittings. Valves: Gun metal Gate valve ISI brand for flow control, Gunmetal Imported ball valve for tank drain, Gunmetal foot valve ISI Brand Pressure & Vacuum Gauge: ISI Brand or equivalent Glass tubes fittings: Made of Gun metal Tanks : All tanks are made of 3mm MS Sheet with water repellent FRP leak proof lining Sump tank size: 2000 x 800 x 500 mm. Measuring tank size: 500 x 500 x 600 mm with overflow with gauge glass, scale arrangement and a ball valve "Frame work mounting: Mounted on frame work & completely fitted with all the above items as self contained unit suitable for operation without any foundation. Control panel : MS angle stand to house GEM/HPL make main Switch with L&T starter and energy meter
9	Jet Pump Test Rig	"Pump: size 1-1/4" x 1" x 1" jet pump with Gunmetal jet assembly. Pump Motor: 1 HP Kirloskar/reputed ISI Brand. Pipelines : B class pipes with ISI fittings. Valves: Gun metal Gate valve ISI brand for flow control, Gunmetal ball valve for tank drain, Foot valve: Gunmetal ISI Brand Pressure & Vacuum Gauge: ISI Brand Glass tubes fittings: Made of Gun metal Sump tank: 3 mm MS sheet with leak proof lining. 2000 x 800 x 500 mm. Collecting tank size: 3 mm MS sheet with fibreglass lining. 500 x 500 x 600 mm. Frame work mounting: Mounted on frame work & completely fitted with all the above items as self contained unit suitable for operation without any foundation. Control panel : MS angle stand to house GEM/HPL make main Switch with L&T starter and energy meter
10	Gear pump test rig	" Pipelines : B Class pipes with ISI fittings. Piping systems consists of pipes, pressure relief valve, valves and fitting with Pressure gauges Pump Motor Size: 1" x 1" gear pump with strainer of 2hp Kirloskar /Suguna/Crompton brand . Glass tube fitting : ISI brand and gun metal Pressure & vacuum gauge : ISI brand or equivalent Valve : Gunmetal valve ISI brand for flow control , Gun metal imported ball valve for tank drain . Gun metal foot valve ISI brand Sump Tank size : 2000x800x500 mm Measuring tank size : 500x500x600 mm with overflow with gauge glass, scale arrangement and a ball valve Tanks : All tanks are made of 3mm MS Sheet with water repellent FRP leak proof lining Frame work mounting: Mounted on frame work & completely fitted

		<p>with all the above items as self contained unit suitable for operation without any foundation.</p> <p>Control panel : MS angle stand to house GEM/HPL make main Switch with L&T starter and energy meter</p>
11	Francis Turbine Test Rig	<p>" Francis turbine : Turbine power output 5 hp .The turbine runner and guide vanes are made of gun metal casting</p> <p>Loading device : Cast Iron brake drum of 300 diameter with water cooling arrangement. Channel loading frame with screw rod and 2 nos spring balances</p> <p>Pump: 20 hp, 2880 rpm , 3 phase Kirloskar /Suguna/Crompton brand with discharge of 2000 LPM at 20 m head</p> <p>Flow measuring device : Gun metal venturimeter made as per ASME standard with 1m length mercury manometer with mercury. The manometer chambers made of brass with brass cocks .</p> <p>Tanks : All tanks are made of 3mm MS Sheet with water repellent FRP leak proof lining with the following size : 1500x1200x500 mm</p> <p>Pipelines and valves : MS pipe of 4 mm thickness welded with flanges . Valves made of gun metal ISI make .</p> <p>Pressure gauge(for discharge measurement) : ISI brand make 4" dial , 0 -7 kg per centimeter square</p> <p>Digital RPM indicator with sensor</p> <p>Control panel : MS angle stand to house SIEMENS make main Switch with L&T star delta starter & MCB for overload protection</p>
12	Hydraulic Ram	<p>Hydraulic ram : Inlet : 50 mm, outlet :15mm , delivery head : 30 m , Supply head : 2.5 m, Discharge : 250 Lph@ 10 m head .Cast iron unit with air vessel.</p> <p>Supply tank : 400 x 400 x500 mm with piezo meter</p> <p>"Pump Motor : 2 hp Kirloskar/Suguna/Crompton brand Notch tank : for waste water measurement with notch plate and hook gauge</p> <p>Measuring tank : 200x 200 x400 mm with piezometer</p> <p>Sump tank : 1000 x1250 x 300 mm</p> <p>Pipelines : B Class GI Pipe with fittings</p>
13	Francis Turbine Test Rig	<p>" Francis turbine : Turbine power output 5 hp .The turbine runner and guide vanes are made of gun metal casting</p> <p>Loading device: Cast Iron brake drum of 300 diameter with water cooling arrangement. Channel loading frame with screw rod and 2 nos spring balances</p> <p>Pump: 20 hp, 2880 rpm , 3 phase Kirloskar /Suguna/Crompton brand with discharge of 2000 LPM at 20 m head</p> <p>Flow measuring device: Gun metal venturimeter made as per ASME standard with 1m length mercury manometer with mercury. The manometer chambers made of brass with brass cocks .</p> <p>Tanks : All tanks are made of 3mm MS Sheet with water repellent FRP leak proof lining with the following size : 1500x1200x500 mm</p> <p>Pipelines and valves: MS pipe of 4 mm thickness welded with flanges. Valves made of gun metal ISI make.</p> <p>Pressure gauge(for discharge measurement) : ISI brand make 4" dial , 0 -7 kg per centimeter square</p> <p>Digital RPM indicator with sensor</p> <p>Control panel : MS angle stand to house SIEMENS make main Switch with L&T star delta starter & MCB for overload protection</p>
14	Reynolds Apparatus	<p>"Length of the tube is 90 cm made of borosilicate glass</p> <p>Pipelines : B Class GI Pipe with fittings , flow control gate valves and 1m length mercury manometer(With mercury) made of brass</p> <p>Piezometer fittings: ISI brand brass components.</p> <p>Measuring jar of about 2 litre capacity for measurement of discharge</p>

		<p>Water recirculating pump : 1 hp Kirloskar/Suguna/Crompton brand monoblock self priming pump Glass tube fitting : ISI brand gun metal Valve: Gunmetal valve ISI brand for flow control, Gun metal imported ball valve for tank drain . Gun metal foot valve ISI brand Sump Tank size : 2500x500x500 mm supply tank size : 500x500x700 mm Tanks : All tanks are made of 3mm MS Sheet with water repellent FRP leak proof lining Frame work mounting: Mounted on frame work & completely fitted with all the above items as self contained unit suitable for operation without any foundation. Control panel: MS angle stand to house GEM/HPL make main Switch with L&T starter.</p>
15	Stop watch	Digital
16	Cut Section of pump	"1 hp mono block centrifugal pump/ kirloskar make or equivalent cut section model for demonstration purpose
17	Digital Tachometer	For rpm measurement of pumps

Geotechnical Engineering Lab

Sl.No	Name of Equipment	Major Specification
1	Unconfined compression test apparatus	Unconfined compression test apparatus conforming to IS 2720 with a loading frame of 50 KN capacity consisting of a hand operated screw jack with a detachable handle. The lower platen should move up on applying load. The top cross head should be adjustable and should carry a hexagonal adaptor for taking standard proving ring. A strain dial gauge bracket should be provided and fitted to one of the pillars. The instrument should be supplied with a set of 100 mm diameter upper and lower plain platens. The lower platen should have grooves for proper centering. With 2Nos of spare mould
2	Laboratory California Bearing Ratio Test apparatus	Laboratory California Bearing Ratio Test apparatus comprising of a hand operated loading frame of 50 KN capacity, a mould of internal diameter 150 mm and height 175mm with clamping lugs complete with extension collar and perforated base plate made of gun metal, a cutting collar to fit mould body, a penetration piston assembly of 50 mm diameter and a bracket for dial gauge, a perforated swell plate of 148 mm diameter with an adjustable stem and lock nut, a circular spacing disc of 148 mm diameter and 47.7 mm height complete with a 'T' handle, a metal tripod for dial gauge, surcharge weight annular 2.5 kg with 147.7 mm diameter, surcharge weight slotted 2.5 kg with 147.7 mm diameter .
3	Liquid limit device	Liquid limit device, hand operated conforming to IS 2720, with a drop counter supplied with one ASTM grooving tool, one Casagrande tool and a standard gauge block.
4	Consolidation apparatus	Consolidation apparatus conforming to IS 2720 comprising of a loading frame of 20 kg/cm ² capacity with a loading yoke and lever arm (lever ratio 1:10) complete with counter balancing adjustments. A fixed ring consolidation cell for a specimen of 60 mm diameter and thickness 20 mm, complete with two porous stones, pressure pad, cutting ring and an acrylic tube, water reservoir with tubing and connectors, dial gauge with 0.002mm x 5mm travel, a set of weights to give a stress intensity of 10 kg/cm ² on a 60 mm diameter specimen, comprising of 7 x 0.05 kg/cm ² , 5 x 0.1 kg/cm ² , 6 x 0.2 kg/cm ² , 6 x 0.5 kg/cm ² and 5 x 1 kg/cm ² .
5	Direct shear apparatus	Direct shear apparatus, hand operated conforming to IS 2720, comprising of a shear box assembly 60 mm square, supplied with two porous plates, two solid grid plates, two perforated grid plates, one retaining plate and one loading pad, complete with a shear box housing and ball roller strips. Loading unit normal stress capacity is 3 kg/cm ² (on a 60 mm square specimen) complete with lever loading fixture. Specimen cutter for a specimen size 60 mm x 60mm x 25mm. Set of weights as follows, to give a normal stress of 3 kg/cm ² through lever arrangements, 4 x 0.05 kg/cm ² , 1 x 0.1 kg/cm ² , 1 x 0.2 kg/cm ² , 3 x 0.5 kg/cm ² , 1 x 1.0 kg/cm ² .
6	Permeability apparatus for fine soil	Permeability apparatus conforming to IS 2720, comprising of a compaction permeameter, 100 mm diameter, 127.3 mm height, which is clamped at the top and bottom, a pair of porous stones for top and bottom drainage, stand pipe panel with three glass tubes of 6mm, 10mm and 20 mm diameter bore approximately 1.0m long, supplied complete with wooden metre scale and rubber tubing. The glass tubes should be fitted on a wooden panel suitable for wall mounting.
7	Compaction apparatus	Compaction apparatus comprising of Proctor type compaction mould of 100 mm diameter x 127.3 mm height with 1000 cm ³ capacity made of

		gun metal, consisting of mould body, base plate and collar. Compaction rammer made from corrosion protected steel of 2.6 kg weight, 50 mm diameter with a 310 mm controlled drop.
8	Compaction mould	Compaction mould of 150 mm diameter x 127.3 mm height with 2250 cm ³ capacity made of gun metal, consisting of mould body, base plate and collar
9	Rammer for heavy compaction	Rammer for heavy compaction test 4.89 kg weight with a 450 mm controlled drop. The rammer diameter is 50 mm.
10	Metal straight edge	Metal straight edge 300 mm long for trimming soil in the compaction mould
11	Field Density kit	Field Density kit conforming to IS 2720, consisting of cylindrical core cutter 100 mm internal diameter x 130 mm height, steel dolly 100mm inner diameter x 25 mm high and rammer with steel rod.
12	Sand pouring cylinder	Sand pouring cylinder conforming to IS 2720, comprising of 115 mm diameter sand pouring cylinder with a conical funnel and shutter, calibration container 100 mm internal diameter x 150 mm height with 200 mm diameter rim, metal tray 300 mm square x 40 mm deep with a 100 mm diameter hole in the centre.
13	Pycnometer	Pycnometer comprising of glass jar complete with brass cone and a rubber seal of capacity 1 kg.
14	Sieve shaker	Sieve shaker hand operated, light weight, portable, and suitable for bench mounting and should have side to side movement imparted to it, through a train of gears, operated by a hand wheel. It should be capable for taking upto seven sieves of 200 mm diameter. The gears should be enclosed in a box, on which the sieve carriage is mounted.
15	Proving ring	Proving ring of capacity 0.5 KN, 1 KN, 5 KN
16	Dial gauge	0.01 mm accuracy and 25 mm travel, 0.01 mm accuracy and 50 mm travel
17	Magnetic base for dial gauge	Magnetic base for dial gauge consisting of powerful magnetic base block, controlled by a push button. An upright and cross arm is provided with locking device for quick adjustment of the dial gauge.
18	Hot air oven	Hot air oven (bottom heated) double walled outer body made of heavy gauge mild steel with sufficient glass wool insulation, pilot lamps, rotary switch to work on 220 / 230 Volts AC mains. It should be provided with expanded metal shelves, plug, cord, connector, air circulation fan etc. complete. Size of the inner chamber is 355 x 355 x 355 mm, 45 Ltr, 1000W, 2 shelves. Material - Aluminium
19	Brass sieves	Brass sieves of 20 cm diameter with S.S mesh with the following mesh opening sizes. 4.75 mm, 2.36mm, 1.18mm, 600 micron, 300 micron, 150 micron, 75 micron Lid & Pan
20	Loading frame for Triaxial compression test	Loading frame for Triaxial compression test (motorised) bench type 50 KN capacity with a single speed of 1.25 mm / min wired for 230 V, 50 Hz
21	Triaxial Cell	Triaxial Cell conforming to IS 2720, for a specimen of diameter 38mm and height 76 mm and for lateral pressure upto 1000 kPa (10.5 kg/ cm ²). The cell base should have four take off positions - for monitoring cell pressure, pore water pressure, top drainage and bottom drainage, fitted with no-volume change valve (3 nos) and dead end plug (1 no). Supplied complete with loading pad (1 no), plain discs (2 nos), porous stones (2 nos), sheath stretcher (1 no), split sand for mer (1 no), rubber sheaths (pack of ten) and sealing ring (4 nos).
22	Lateral pressure assembly	Lateral pressure assembly 1000 kPa (10.5 kg/ cm ²), supplied complete with a pressure chamber, fitted with a 100 mm diameter pressure gauge, valve and one foot pump.

23	Shrinkage Limit apparatus	Shrinkage Limit apparatus consisting of a prong plate of acrylic sheet 1.5 mm thick and 75 mm square, shrinkage dish, glass cup, porcelain evaporating dish, steel straight edge and graduated glass cylinder 25 ml x 0.5 ml
24	Hydrometer	Hydrometer as per IS 2720 used for grain size analysis of soil where more than 10% of material pass through 75 micron IS sieve manufactured from clear transparent glass having uniform clarity throughout the paper end on which density scale is engraved. The scale range is .0995-1.030 density g/cc at 27 ^o c. Smallest division on the scale is 0.0005.
25	Hydrometer jar	Hydrometer jar of 1L capacity
26	Electronic weighing balance	Electronic weighing balance capacity 5kg- readability 0.5mg
27	Mechanical weighing balance	Mechanical weighing balance 10kg capacity
28	Electronic weighing balance	Electronic weighing balance capacity 200g- readability 0.01gm
29	Electronic stopwatch	Electronic stopwatch 1/100 sec
30	Weight box	Weight box 200g to 0.1g
31	Container set	Container set aluminium steel with lid of capacity 100gm
32	Soil mixing trays	Soil mixing trays steel for CBR and proctor test 1x1x1.5mm
33	Thermometer	Thermometer 5 ^o accuracy 0.5 ^o c

SM LAB

Sl.No	Name of Equipment	Major Specification
1	Universal Testing Machine (UTM)	Maximum capacity: 1000KN, Maximum clearance for tensile test: 50-700mm, Max. clearance for compression test: 0-700mm, Clearance between columns: 500mm, Electrical supply: 1.75Kw. ACCESSORIES : For Tension Test: Clamping jaws for round specimens dia. 10 – 25mm, Clamping jaws for flat specimen: 25-40mm. For compression Test : pair of compression plates of diameter 120mm.
2	Extensometer	UTM Attachment
3	Torsion Testing Machine	Capacity 100Nm. Torque Ranges 100, 50, 20, Nm, No of Divisions on Dial: 500. Test Speed 1.5RPM. Clearance Between Grips 0-420mm Grips for Round Specimen : 4-8 and 8-12mm. Grips for Flat Specimen & width in mm: 2 – 8, and 25 mm. Motor: 0.5 hp, 3 phase of good quality/ reputed brand.
4	Impact Testing Machines	Specifications for Charpy Test : Pendulum drop angle 140°, Pendulum effective Wt. 21.400 kg, Striking velocity of pendulum 5.3466 m/sec. Pendulum impact energy 300 J Min, Scale graduation 2 J Distance of axis of pendulum rotation from center of specimen / to specimen hit by pendulum 815 mm. Specifications for Izod Test- Pendulum drop angle 90°, Pendulum effective Wt. 21.400 kg. Striking velocity of pendulum 3.857 m/sec. Pendulum impact energy 168 J Min Scale graduation 2 J Distance of axis of pendulum rotation from center of specimen / to specimen hit by pendulum 815 mm.
5	Double shear Attachment	UTM Attachment
6	Brinell Hardness Testing Machine	Loads in Kgf 500+3000 in stages of 250, Initial Load in Kgf 250, Max Test Height x Throat (mm) 380 x 200. Testing table ø 200mm Testing table ø 50mm. V Groove table for round jobs from 10 to 80 mm. Ball holder 5 mm 1 no. Ball holder 10 mm 1 no. Test block HB - 5/750 1 no. Test block HB - 10/3000 1 no. Microscope 1 no. Allen keys 1 set. Steel ball 5 mm 5 nos Steel ball 10 mm 5 nos Instruction manual 1 book.
7	Rockwell Hardness Testing Machine	Loads : up to 250kg, Max. Test Height 200mm, Depth of Throat 130mm, Max. Depth of elevating screw below base 230mm, Accessories Rockwell Diamond Indenter 1 No, Testing Table ø 50mm, Testing Table 40mm with "V" groove for round jobs 6 to 45mm dia. Steel Ball 5 Nos. Indenter ø 1/16". Test Block HRC Test Block HRB. Allen Spanners, Clamping Device. PVC Cover for machine Rubber Bellows
8	Spring Testing Machine	500Kg capacity, with load dial, electric cum hand operated, strain rate 0.5mm/min.
9	Fatigue Testing Machine	Electrically operated, capacity 25Kg
10	Wood Testing Machine	Conforming to IS1708. With attachment for tension test, bending test, shear test and compression test. Capacity 10KN, operating different speeds from 0.4mm/min to 2.5mm/min.
11	vernier calipers	L.C 0.02mm
12	Compression testing machine (2000KN capacity)	As per IS1828 (Class 1), Capacity 2000KN, Analog type, Suitable for testing concrete cubes, cylinders, bricks. Least Count 10 KN, Electrically and manually operated, Plate diameter 220mm or above
13	Slump test apparatus	As per IS7320, complete with baseplate having cleats and swivel handle and tamping rod 16mm dia, 60cm long having ISI certification

		mark IS 10086
14	Compaction factor apparatus	As per IS 5515 , complete with hoppers and receiver assembly, tamping rod of 16mm dia & 60cm long
15	Vicat apparatus with needle	As per IS 5513
16	Vicat apparatus needle	AS per IS 5513, initial needle , final needle, consistency plunger
17	Le Chatterli apparatus	As per IS 5514 with ISI certification mark
18	Vee –Bee consistometer	As per IS 10510 ,complete with vibrating table, specimen pot, slump cone, graduated rod and acrylic plate, suitable for operation on 440V ,50 Hz, 3 phase supply
19	Digital weighing balance(0.1 mg)-500g	Capacity 500gx 0.1 mg, Capacity 5 Kgx1g
20	Platform Balance-100kg	Capacity 100kg
21	Showel	with flat blade(250x300mm)
22	Trowel (small, medium and big)	IS 4031 trowel blade thickness 1.5 mm, 100 to 150mm long with straight edges and wooden handle
23	Tamping rod(16mm dia, 60cm long)	Steel rod with one end pointed and other end round
24	Measuring cylinder(50ml, 500ml, 1000ml)	Glass, graduated
25	cube mould 15x 15x 15cm	As per IS 10086 cast iron, ISI certification
26	Cylinder mould 15 cm dia 30cm long	As per IS 10086 Cast iron, split lengthwise 150mmx300mm, ISI certification
27	Mortar square Mould 70.6mm	As per IS 10080, steel
28	Stop Watch (analog)	table top model
29	Mortar Pan	45 cm x 45 cm, 30 cm x 30 cm
30	Bucket (Small + Medium)	steel bucket with capacity 5 litres and 10 litres
31	scale	Steelscale-100cm, 50cm,
32	Micrometer screw gauge	Micrometer Screw Gauge with stainless steel spindle and ratchet top brass body with satin chrome finish. Is graduated to read up to 25 mm in 0.01 mm divisions with screw pitch of 0.5mm. with ratchet lock nut.

SURVEY LAB

Sl.No	Name of Equipment	Major Specification
1	Chain	Survey chain-20m with brass handle
2	Ranging Rod	Survey ranging Rod-3m-steel, Survey ranging Rod-2m-steel
3	Offset rod	Survey offset rod-2m,steel, Survey offset rod-3m,steel
4	Peg	Survey wooden peg Size 25mmx25mm, Length 200mm in cluding shoe, made of best seasoned wood - conforming to relevant BIS code
5	Arrow	Chaining Arrow Made of hardened steel wire dia - 4mm, making 50 mm dia circle at one end and pointed at other end, total Length -400 mm, Black enamelled Conforming to relevant BIS code.
6	Plain Table with accessories	Drawing Board 75cmX60cmX2cm made of seasoned pinewood/fire wood and braced with teak wood battens fitted with brass screws and washers in slots complete with metallic disc of 160mm dia at base and conforming to BIS-2539:1963, accessories comprising of magnetic trough compass conforming to BIS-1764:1961, spirit level 15 cm long, plumb bob, 28cm long brass U- for k, alidade 45 cm long made of brass, one sided bevelled wooden stand with metallic head and shoe
7	Dumpy Level	Used for surveying, telescopic length 9", magnification 20X, equipped with exclusively designed compensator for accuracy and dependability. High precision and accuracy for long period run.
8	Automatic Level	Standard deviation of 1 KM double run $< \pm 1.0\text{mm}$. Telescope- erect image Clear objective aperture 45mm Magnification 32X Field of view at 100m 2.3m Shortlist focusing distance 1.6m Multiplication factor 100 Additive constant- 0 Automatic compensator Working Range $\pm 14'$ Setting accuracy $< \pm 0.3\text{mm}$ " Setting Time $< 2\text{S}$ Sensitivity of circular level per 2mm run $8\frac{1}{2}\text{mm}$
9	Prismatic Compass	Prismatic Compass (100mm) made of brass or gun metal Circles: Aluminum graduated every 30 minutes. Reading- Agate stone bearing with help of prism glasses & reflecting mirror or packed in fiber case with sighting vane and rigid stand and ball socket arrangement with wooden stand
10	Leveling Staff	Aluminium Levelling Staff- 4m, telescopic, 3 or 4 sections, Graduation 5mm in front in red & black on white ground graduation with push type locking system and iron shoes supplied in water proof canvas cover. Conforming to BIS code
11	Theodolite	Direct Reading Theodolite with 20 Sec accuracy. Made of full brass/gun-metal body having pure silver circles. Shifting tribrach and optical plummet systems.
12	Electronic Theodolite	Magnification 30X, Resolution 3" Precision ET-02: 2", ET-05: 5"
13	Wooden mallet	Wooden mallet
14	Optical Square	Optical Square (Indian Type) wedge shaped hollow metallic box of 5cm sides and 3 cm deep with a handle 8cm long
15	Box sextant	
16	Clinometer	
17	Hand levels	
18	Pantagraph	
19	Planimeter	
20	Tape	
21	Total station	

TRANSPORTATION ENGINEERING LAB

Sl.No	Name of Equipment	Major Specification
1	Motorised Sieve shaker	suitable for operation on 220V, 50 Hz single phase AC supply with adaptor to hold 8 sieves of 20 cm diameter .
2	Brass sieves	Brass sieves of 20 cm diameter with S.S mesh with the following mesh opening sizes. 80 mm,40 mm,20 mm,16 mm ,12.5 mm,10 mm,4.75 mm,2.36mm,1.18mm,600 micron,300 micr on150 micron,75 micr on , Lid & Pan
3	Thickness gauge and length gauge	Thickness gauge and length gauge, constructed fr om heavy gauge steel sheet and constructed fr om steel,mounted on a hardwood base.With ISI certification mar k.
4	Density basket	Density basket,ruggedly constructed from galvanised wire mesh,20cm diax20cm h igh
5	Pycnometer	Pycnometer comprising of glass jar complete with brass cone and a rubber seal of capacit y 1 kg.
6	Analogue Compression Testing mach in e	Analogue Compression Testing machine Capacity 2000kN, Electrically Oper ated
7	Aggr egate crushing value appar atus	Aggregate crushing value apparatus, made of Mild steel, comprising of Cylindrical cell, of 150 mm internal diameter, 130 mm height, Plun ger, 148 mm diameter, 100 mm height, Tamping rod, 16 mm diameter, 450 mm length, metal measure, 110 mm internal diameter, 180 mm h eigh t.
8	Aggregate impact value appar atus	Aggregate impact value apparatus consisting of a circular base and support columns constructed to for m a rigid frame ar ound the quick release trigger mechanism for a free fall of the hammer, a cylin drical steel cup with hardened inner surface with internal diameter 102mm, depth 50 mm, a metal cylindrical measur e of internal diameter 75mm and depth 50mm, a tamping rod of diameter 10mm and length 230mm.
9	Los angels abrasion testing mach in	Los angels abrasion testing machine consisting of a rolled steel cylinder with an inside diameter of 700 mm and internal length of 500 mm. A detachable shelf extending throughout the inside of the drum is fixed to avoid the abrasive charge from falling on the cover. Through a r eduction gear driven by a motor, this cylinder is connected to stub shafts an d mounted on a sturdy steel frame to r otate about its horizontal axis at 30 to 33 rpm. A tray is placed on the fr ame under the drum to collect th e material after the test. An automatic revolution counter is also pr ovided to count the number of revolutions. 12 nos hardened steel balls of 48 mm diameter ar e also to be pr ovided. Wired for 440 V, 3 phase, 50 Hz
10	Flash point and fire point Pensky -Martens Apparatus	Flash point and fire point Pensky -Martens Apparatus Electrical heating with gas test jet and electric heater with en ergy regulatorSupplied with 1 no. thermometer IP 15C (-50C to +1100C), 1 no. thermometer IP 16C (900C to 3700C).Suitable for operation on 220v,50Hz,single phase,AC supply
11	Centrifuge Extractor	Centrifuge Extractor capacity 1500 g Electrically Operated. It is compact with in built dimmerstat for speed variation fr om 0 rpm to 3600 rpm, suitable for operation on 220 V, 50 Hz, single phase, AC supply.
12	Ring and Ball Apparatus	Ring and Ball Apparatus Electrical heating, with a Heater and ener gy regulator.Suitable for operation on 220v,50Hz, single phase,AC supply Each unit is supplied with a bath heat resistant glass and having the followin g. i)Tapered Brass Rin gs-2n os ii) Steel Balls of 9.5 mm dia-2n os

		iii)Ball centering Guide -2nos iv)Ring holder-2Nos v)Electric heater(Hot plate) -1no vii)Thermometer IP 60C(Range -2°C to80°C) viii)Thermometer IP 61C(Range30°C to200°C)
13	Ductility Testing Machine	Ductility Testing Machine Electrically operated,digital,The machine consists of a carriage moving over a lead screw .An electric motor driven reduction gear unit ensures smooth constant speed and continuous operation.The entire assembly is mounted with water bath completely encased in metal bound hard wood.It is equipped with an electric pump circulator and heater .The temperature is controlled by digital temperature controller .two rates of travel 5cm/min and 1cm/min are provided.Suitable for operation on 220v,50Hz,single phase,AC supply.i)Ductility mould, with base plate made of brass-3nos
14	Redwood viscometer	Redwood viscometer The viscometer consists of a heavily silver plated brass oil cup with precision stainless steel jet assembled in a chromium plated bath fitted with a heating tube or heating element and drain cock.The bath and cup assembly is mounted on a stand with levelling feet.Each unit is supplied complete with silver plated ball valve,spirit levelwith cover , thermometer clip and receiver capacity 50ml. Suitable for operation on 220 V, 50 Hz, single phase AC supply.
15	Marshall Apparatus	Marshall Apparatus Single speed,it is used for stability test in highway departments.It consists of (i)Marshall Load Frame cap 25KN,single speed, 50.8mm/min-1No (ii)Breaking head stability Mould,with a dial gauge (25 mm travel, 0.01 mm least count) for flow measurement -1No (iii)Compaction mould,steel cylindrical-3Nos (iv)Base plate-3Nos (v)Extension Collar-3Nos (vi) Compaction Pedestal- Manual Operation, comprising of a steel plate capped on a wooden post. A mould clamp is fitted to the top of the plate -1No (v)Compaction hammer,for use with compaction pedestal and mould, weight 4.5kg with a free fall of 457mm-2Nos (vi)Load Transfer Bar- 1No. Proving Ring -capacity 25KN-1 No
16	Automatic Compactor for Bituminous mixes	Automatic Compactor for Bituminous mixes. The drive mechanism lifts the weight of 4.5kg and drops it through a height of 457m.The rammer foot is removable which facilitates preheating. A Compaction Pedestal with specimen holder is fixed to the base. An automatic blow counter enables the number of blows to be preset before each test and automatically stops the machine on completion , Suitable for operation on 230V, 50Hz, Single phase, AC supply
17	Electronic Balance	Electronic Balance 20kg Capacity x 1 gram accuracy
18	Hot Air Oven	Hot Air Oven Memmert Type with three side heating element , Inner chamber and trays Aluminium, Chamber size 600x600x600mm with Micro Processor based Digital Temperature Controller cum indicator and Air Circulation fan
19	Water Bath	Water Bath (Ring Type) Double wall construction outer made of MS duly powder coated and Inner Chamber with Top Lid made of S.S, supplied without Thermometer , Inner Dimension 355x405x100mm (12 holes of 75mm dia)
20	Bitumen mixer	Bitumen mixer -5L capacity
21	Digital Thermometer	Digital Thermometer
22	Creep Test Apparatus	Creep Test Apparatus - for conducting Creep Test on Bitumen Mix
23	Indirect Tensile Test Apparatus	Indirect Tensile Test Apparatus - for Bitumen mix

Laboratory Details

Computer Science and Engineering

1. Computer Programming lab
2. Object Oriented programming lab
3. Data structures lab
4. Computer graphics lab
5. Mini and Main Project lab
6. System programming & Hardware lab
7. Network and OS lab
8. Language Processors Lab



COMPUTER LAB

List of Equipments, Computers & Printers

Sl.No	Name of Equipment	Major Specifications
1	Zenith Systems	INTEL CORE2DUO /DD R3 3GB/320G B SATA/15.6"LCD/USB OPTICAL MOUSE/MMX KBD/G EN UINE WINDOWS PROF
2	Chirag Systems	CORE2DUO 2.9G HZ/3 GBDDR/500GB SATA/17" TFT/WINDOWS7 HO ME BASIC
3	HCL Systems	INTEL PENTIUM G2020 DUAL CORE PROCESSOR/2GB DDR3 RAM/500GB HDD,18.5" TFT MONITOR
4	Acer Systems	ACER PC IE3969,INTEI PENTIUM DUAL CORE 3240 PROCESSOR,2GB DDR3 RAM,500GB SATA HARDDISK,18.5"ADER MONITOR
5	Online UPS	(1) 20KVA with 24nos 65AN Tubular Batt er y (2) 3KVA 12V 40AH EXIDE Tubular Batter y(6nos) with rack
6	Router	Netgear 6 port VPN Firewall Dual WAN FVS336 Gv2
7	Media Con ver tor	MROTEK FCAT1000/MIO/SC/AC FCI FCSC SM DDX
8	Netrack	Valrack Floor mount Valrack Wall Mount Double section
9	Switch	D-link Smartpro Switch DGS 1500-28, D-link DGS-1024D
10	Patch Pan el	D-link 24 port Patch pan el
11	External Hard Disk	500Gb Thoshiba
12	Printers & Scann er s	(1)Laserjet Canon LBP2900 (2)HPLaserjet M1005 (3)DotMatrix Printer TVS HSP 250 (4)Canon LiDE 110 (5)HPLaserjet CP1025 Color (6)HP laserjet P1108

Laboratory Details

Electronics & Communication Engineering

1. Basic Electronics Lab
2. Communication Lab
3. Digital Electronics Lab
4. Digital signal processing Lab
5. Embedded system Lab
6. Microprocessor Lab



BASIC ELECTRONICS LAB

List Of Equip me nts

<u>SL:NO</u>	<u>NAME OF EQUIPMENTS</u>	<u>MAJOR SPECIFICATION</u>	<u>QUANTITY</u>
1	Decade resistance box	Decade resistance box -4dial (IE to max 11. 1 1 k e)	9
2	RF Signal Generator	150 MHz	1
3	Digital multimet er		10
4	DC Regulated power supply	0-30v,1A, +/-15V,1A, +5V 1 A	10
5	DC Regulated power supply	+/-15V,1A	10
6	DC Regulated power supply	0-50 V,2A	2
7	C RO	100 MHz	1
8	Function Generator	3 MHz	10
9	MC Microa mmeter	0-100 μ A	4
10	MC Microa mmeter	0-500 μ A	4
11	MC Millia mmeter	0-1 MA	10
12	MC Millia mmeter	0-10M A	10
13	MC Millia mmeter	0-50M A	10
14	MC Millia mmeter	0-100 MA	10
15	MC Millia mmeter	0-500 MA	10
16	MC Ammeter	0-1A	2
17	MC Millivoltmet er	0-500v	2
18	MC Voltmeter	0-1 v	10
19	MC Voltmeter	0-7.5 v	10
20	MC Voltmeter	0-15v	10
21	MC Voltmeter	0-30v	10
22	MC Voltmeter	0-100v	2
23	Analog multimeter	-	5
24	LCR M eter	-	1
25	Screw Driver Set	-	2
26	Wire Stripper	-	12
27	Combination Plier	-	1
28	Cutting Plier	-	1
29	Soldering Iron	25w -230 v	5
30	R heostat	2A 50ohms	5
31	R heostat	2A 100 ohms	5

COMMUNICATION LAB**List Of Equip me nts**

SL:NO	NAME OF EQUIPMENTS	MAJOR SPECIFICATION	QUANTITY
1	CRO	30MHz Dual channel	20
2	DSO		1
3	Function Generator	3 MHz	25
4	DC Regulated Power Supply	30 v,1A, +/- 15V, 1A, +5V,1A	8
5	DC Regulated Power Supply	0 to +/- 15 V, 1A	15
6	DC Regulated Dual Power Supply	0 to 30V , 1A	15
7	Analog /Digital IC Tester		1
8	LCD Projector	Model mx-660	1
9	Tripod Screen	projection	1
10	Celing mount		1
11	RF Signal Generator		15
12	CRO	100 MHz	1
13	Digital Multimeter		10
14	DC Regulated Power Supply	Multi o/p	10
15	DC Regulated Variable Dual Power Supply	+/-15v, 1A	15
16	Function Generator	20M H z	12
17	DC Regulated Variable Power Supply	0-15 V ,1 A	10
18	DC Regulated Variable Dual Power Supply	30V,1A	5
19	Transmission Apparatus	Amplitude modulator amplitude modulation transmitter kit	2
20	Transmission Apparatus	Amplitude Demodulator amplitude Demodulation Receiver kit	2
21	Transmission Apparatus	Frequency modulation Transmitter kit	2
22	Transmission Apparatus	Frequency modulation receiver kit	
23	Pulse code modulation and Demodulation Trainer		2
24	PAM-PPM-PWM Modulations and Demodulations Kit		2
25	DC Regulated variable dual power supply	15 v , 1A	10

26	<p>Microwave work Bench Gunn power supply -1 Gunn oscillator -1 Pin modulator -1 Isolator -1 Director Reading Frequency meter -1 Variable Attenuator-1 Slotted Section -1 Tunable probe -1 Detector mount -1 Movable short -1 Matched termination-1 VSWR meter solid state-1 Waveguide stand -4 S.S Tuner-1 BNC cable-4 Cooling fan -1 Fixed short-1</p>	Gun	3
27	<p>Micro wave work bench Solid state klystron Power supply digital -1 Klystron mount -1 Klystron tube 2k 2 5 Isolator -1 Direct reading frequency meter -1 Variable attenuator-1 Slotted section -1 Tunable probe -1 Detector mount -1 Movable short -1 Matched termination-1 VSWR meter solid state-1 Waveguide stand -4 S S Tuner-1 BNC cable-2 Cooling fan -1 Fixed short-1</p>	Klystron	3
28	<p>Microwave test bench Pick up horn antenna -1 Slotted antenna broad wall -1 Slotted antenna narrow wall-1 Dielectric antenna -1 E-sectoral horn-1 H sectoral horn-1 Parabolic dish-1 Standard gain horn antenna -1 E-plane bend 90-1</p>		1

	Pyramidal horn-1 Solid dielectrical cell T GM-1 E-plane t ee-1 H-plane t ee-1 Magic t ee-1 T cir culator-1 Y circulator -1 Multi hole directional coupler 20 Db-1		
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DIGITAL ELECTRONICS LAB

List Of Equip me nts

<u>SL:NO</u>	<u>NAME OF EQUIPMENTS</u>	<u>MAJOR SPECIFICATION</u>	<u>QUANTITY</u>
1	Digital IC Tester	-	1
2	Function Generator		10
3	Digital IC Trainer		12
4	Digital multimet er		10
5	C RO	20MHz Dual channel	10
6	Digital Storage Oscilloscope	25M hz	1
7	Analog multimeter		5
8	Screw Driver Set		2
9	Wire stipper		12
10	Combination Plier		1
11	Cutting Plier		1
12	Soldering Iron		5

EMBEDDED SYSTEM LAB

List Of Equip me nts

<u>SL:NO</u>	<u>NAME OF EQUIPMENTS</u>	<u>MAJOR SPECIFICATION</u>	<u>QUANTITY</u>
1	Arm -7 Develepment Board	-	12
2	Universal Programmer	-	1

DIGITAL SIGNAL PROCESSING LAB

List Of Equipme nts, Co mp uters

<u>SL:NO</u>	<u>NAME OF EQUIPMENTS</u>	<u>MAJOR SPECIFICATION</u>	<u>QUANTITY</u>
1	Computer(Zenith systems)	INTEL CORE 2 DUO E 8400 3GHz/INTEL ORGINAL G 43 MBD/DDR3 3GB/ 320 GB SATA/ DVD R/W, 15.6" LCD/ USB OPTICAL MOUSE /MN K KBDGENUINE WIND O WS	37
2	Computer (chirag System)	CORE 2 DUO 2.9 GHz/INTEL/G-41/3GBDD R/ 500GB/ DVD RW/KBD/17" TFT/ WINDOWS 7 HOME BASIC	2
3	UPS	V-Guard 600VA	2
4	Switch	D-Link 8 Port	1

MICROPROCESSOR LAB

List Of Equip me nts

<u>SL:NO</u>	<u>NAME OF EQUIPMENTS</u>	<u>MAJOR SPECIFICATION</u>	<u>QUANTITY</u>
1	Microprocessor Trainer Kit	8086	10
2	ADC Interface board	8 Channel	3
3	DAC Interface board	2 Channel	5
4	DMA Interface Board	-	3
5	Interface Card	8255	3
6	Traffic Controller kit	-	2

Laboratory Details

Electrical & Electronics Engineering

1. Power Electronics Lab
2. Advanced Electrical Engineering Lab
3. Digital Electronics Lab
4. Electrical Machines Lab
5. Basic Electrical & Measurements Lab
6. Electrical Workshop

POWER ELECTRONICS LAB(EEE)

SL NO	NAME OF EQUIPMENTS	MAJOR SPECIFICATION
1	DIGITAL STORAGE OSCILLOSCOPE	25MHZ
2	CRO	30 MHZ
3	UNIVERSAL IC TESTER	CAPABLE OF TESTING ALL DIGITAL IC'S & OP AMPS
4	FUNCTION GENERATOR	3MHZ
5	DC POWER SUPPLY	0-30V,3A,+/-15V,1A,+5V,3A
6	SINGLE PHASE AUTO TRANSFORMER	1 Phase 4.05 KVA, 15A, 240V, 50H z, o/p 0 -2 7 0 V
7	HAND HELD DIGITAL MULT IMETER	with 3 ½ digit LCD Display DC Voltage : 0 – 200mV/2V// 200V/ 1000V AC Voltage : 0-200 m V/2 V/200 V/750 V DC Current : 0- 2 0 0 mA / 2 m A / 2 0 0 m A / 2 0 A AC Current : 0 – 2 0 0 mA / 2 m A / 2 0 0 m A / 2 0 A Resistance : 0 – 200/2000K/20M/200Mohms
8	INTRX INP2302 POWER SUPPLY	0-30V,2A
9	AMMETER	0-2A MC
10	MICRO AMMETER	0-100µA MC
11	MILLI AMMETER	0-100mA MC
12	VOLT METER	0-50VMI
13	SCR,MOSFET,TRIAC,IGBT	
14	SINGLE PHASE SCR FULLY CONTROLLED CONVERTER WITH RL MODULE	
15	TRIAC BASED VOLT AGE CONTROLLED CONVERTER WITH FIRING CIRCUIT AND LOAD	
16	MODULE FOR STUDY OF V/F CONTROL OF INDUCTION MOTOR	
17	SCR BASED DC MOTOR SPEED CONTROL MODULE WITH 1 HP	

	MOTOR	
18	RHEOSTAT	55 Ω ,5 A
19	AMMETER	0-5A MC
20	MILLI AMMETER	0-500mA MC
21	AMMETER	0-1A MC
22	VOLT METER	0-2V MC
23	VOLT METER	0-1V MC
24	VOLT METER	0-10V MC
25	VOLT METER	0-30V MC
26	RHEOSTAT	50 Ω ,5A
27	RHEOSTAT	2.2 k Ω ,5A
28	RHEOSTAT	100 Ω ,5A
29	RHEOSTAT	1000 Ω ,1 A

MICROPROCESSOR LAB (EEE)

SL NO	NAME OF EQUIPMENTS	MAJOR SPECIFICATION
1	8085 MICROPROCESSOR TRAINER KIT WITH LCD DISPLAY	INTEL 8085A CPU @ 6.144 MHZ CLOCK SPEED.

DIGITAL ELECTRONICS LAB(EEE)

SL NO	NAME OF EQUIPMENTS	MAJOR SPECIFICATION
1	DIGITAL IC TRAINER KIT	10 LOGIC SWITCHES, 10 LOGIC LAMPS, 4-7 SEGMENT DISPLAYS, +5 V, +/- 12 V

ADVANCED ELECTRICAL ENGINEERING LAB

SL NO	NAME OF EQUIPMENTS	MAJOR SPECIFICATION
1	MIPOWER SOFTWARE	5 USERS
2	CRO	30 MHz
3	MULTI OUTPUT DC POWER SUPPLY	DUAL 0-30V,0-5A,+/- 15V,1A,+5V,3A
4	FUNCTION GENERATOR	3M Hz

ELECTRICAL MACHINES LAB

SL NO	NAME OF EQUIPMENTS	MAJOR SPECIFICATION
1	TACHO METER DIGITAL CONTACT TYPE	25MHZ
2	TACHO METER DIGITAL NON CONTACT TYPE	30 MHZ
3	WATT METER LPF	5/10A-150/300/600V
4	WATT METER LPF	15/30A-250/500V
5	WATT METER UPF	10/20A-250/500V
6	WATT METER LPF	10/20A-75/150V
7	RHEOSTAT	1000 OHM-1.2A
8	SPST KNIFE SWITCH	32A
9	DPDT KNIFE SWITCH	32A
10	LOADING RHEOSTAT	3K W
11	DC POWER SUPPLY	DUAL 0-30V,0-1A
12	DIGITAL MULTIMETER	with 3 ½ digit LCD Display DC Voltage : 0 – 200mV/2V// 200 V/ 1000V AC Voltage : 0-200 m V/2V/200V/750V DC Current : 0- 200mA/2m A/200mA/20A AC Current : 0– 200mA/2m A/200mA/20A Resistance : 0 – 200/2000 K/20 M/ 200 M o h ms

13	ANALOG MULT IMETER	DC Voltage : 0 – 200mV/2V// 200V/ 1000V AC Voltage : 0-200 m V/2 V/200V/750V DC Current : 0- 200mA/2mA/200mA/20A AC Current : 0- 200mA/2mA/200mA/20A Resistance : 0 – 200/2000 K/20 M/200 M oh ms
14	SCREW DRIVER SET	
15	TESTER	500V
16	NOSE PLIERS	6”
17	HAMMER	1 Kg
18	CRIMPING TOOL	
19	3 PHASE AUTO TRANSFORMER	3-phase,415V input, 0- 450Vo/p,15A
20	RECTIFIER UNIT	150A, 415V Thyristor controlled rectifier, Out: 220 D C
21	DC SHUNT MOTOR WITH 3 POINT STARTER	3.7 kW, 220 V, 1500 rpm
22	DC SERIES MOTOR WITH 2 POINT STARTER	3.7 kW, 220 V, 1500 rpm
23	DC COMPOUND MOTOR	5.2KW –GENARATOR 3.7 KW SET WITH 4POINT STARTER
24	DC COMPOUND MOTOR	3.7KW –GENARATOR 3.7 KW SET WITH 4POINT STARTER
25	SLIP RING INDUCTION MOTOR	3.7 KW/5HP, 415V, 1440 rpm
26	SQURRIELCAGE INDUCTION MOTOR	3.7 KW/5HP, 415V, 1440 rpm
27	1 PHASE AUTO TRANSFORMER	1-phase,240V input, 0- 270V o/ p, 15 A
28	RHEOSTAT	290 OHM – 1.7A
29	KNIFE SWITCH TPDT	32A
30	SPANNER SET	4”-26”
31	STEEL SCALE	12”
32	RHEOSTAT	11.5 OHM 10A
33	RHEOSTAT	300 OHM – 2A

34	SINGLE PHASE TRANSFORMER	1kVA, 230/1 10V
35	VOLT METER	MC 0-10/20V
36	VOLT METER	MC 0-30/60V
37	VOLT METER	MC 0-150/300V
38	VOLT METER	MI 0-125/250V
39	VOLT METER	MI 0-250/500V
40	VOLT METER	MI 0-300/600V
41	AMMETER	MC 0-1/2A
42	AMMETER	MC 0-2.5/5A
43	AMMETER	MC 0-10/20A
44	AMMETER	MC 0-15/30A
45	AMMETER	MI 0-1/2A
46	AMMETER	MI 0-2.5/5A
47	AMMETER	MI 0-5/10A
48	AMMETER	MI 0-10/20A
49	AMMETER	MI 0-15/30A
50	SINGLE PHASE TRANSFORMER	240 V/115V
51	DC POWER SUPPLY	DUAL 0-30V,0-5A

BASIC ELECTRICAL & MEASUREMENTS LAB

SL NO	NAME OF EQUIPMENTS	MAJOR SPECIFICATION
1	INDUCTANCE BOX	6 DIAL
2	VOLTMETER	MI 0-300/600V
3	VOLTMETER	MI 0-150/300V
4	VOLTMETER	MI 0-30/60V

5	AMMETER	MI 0-10/20A
6	AMMETER	MI0-15/30A
7	AMMETER	MI 0-5/10A
8	AMMETER	MI 0-2.5/5A
9	AMMETER	MI 0-1/2A
10	VOLT METER	MC 0-15/30V
11	VOLT METER	MC 0-30/60V
12	VOLT METER	MC 0-5/10V
13	VOLT METER	MC 0-150/300V
14	AMMETER	MC 0-2A
15	AMMETER	MC 0-5A
16	AMMETER	MC 0-10/20A
17	RHEOSTAT	7 OHM 8 AMP
18	RHEOSTAT	45OHM5A
19	RHEOSTAT	100 OHM 5A
20	RHEOSTAT	500 OHM 1.2A
21	RHEOSTAT	290 OHM 1.5A
22	RHEOSTAT	1000 OHM 1.2 A
23	RHEOSTAT	55OHM5A
24	RHEOSTAT	11.5 OHM 10A
25	RHEOSTAT	4.8 OHM 5A
26	RHEOSTAT	8OHM16A
27	RHEOSTAT	9 OHM 12A
28	RHEOSTAT	7 OHM 12A
29	DIGITAL MULTIMETER	with 3 ½ digit LCD Display DC Voltage : 0 – 200mV/2V// 200V/ 1000V

		AC Voltage : 0-200mV/2V/200V/750V DC Current : 0- 2 00 mA / 2 m A / 2 0 0 m A / 2 0 A AC Current : 0 – 2 00 mA / 2 m A / 2 0 0 m A / 2 0 A Resistance : 0 – 200/2000K/20M/200Mohms
30	DIGITAL INSULATION TERSTER	
31	CLAMP METER	DC Voltage : 0 – 200mV/2V// 200V/ 1000V AC Voltage : 0-200mV/2V/200V/750V AC Current : 0 – 200 mA/2 mA/200 mA/20 A
32	EARTH MEGGER	
33	EARTH RESISTANCE TESTER	
34	EARTH RESISTANCE KIT	4 M.S. spikes, 4 spools of wires, 1 ha mmer, 1 screw driver, and ca rry in g b a g.
35	AMMETER	MC 0-1A
36	1 PHASE LOADING RHEOSTAT	3K W
37	KNIFE SWITCH DPDT	32A
38	KNIFE SWITCH SPST	32A
39	KNIFE SWITCH SPDT	32A
40	KNIFE SWITCH TPDT	32A
41	DC POWER SUPPLY DUAL VARIABLE	30V/15A
42	DC POWER SUPPLY SINGLE VARIABLE	30V/15A
43	DC POWER SUPPLY SINGLE VARIABLE	30V/10A
44	ELECTRONIC STANDARED CELL	1.0180V
45	CAPACITANCE BOX	6 DIAL
46	RESISTOR BOX	6 DIAL
47	3 PHASE LOADING RHEOSTAT	10 KW,415 V
48	PHASE SHIFTING TRANSFORMER	500VA Primary: 440V, 3 □ AC 50Hz

		Secondary: 440V 3 \square AC 50Hz.
49	THERMOMETER	360°C
50	SLIDEWIRE POTENTIOMETER	2 ranges It has main dial of 17 steps of 0.1V each & series with circular dial of 500 divisions and a total of 0.1V
51	VERNOR POTENTIOMETER	DC potentiometer to measure very low voltage in the range of 0 - 1.9 V on three ranges
52	PORTABLE WHEATSTONE BRIDGE	With MR 100 galvo of 5 μ A / div sensitivity. range of measurement of resistance is 0.001 ohm to 11.1 Mega ohm
53	KELVINS BRIDGE	The variable standard resistance consists of 10 ten steps of 0.01ohms each arranged on a rotary switch. Plus a circular slide wire of 500 divisions and a total resistance of 0.01
54	SPOT DEFLECTING GALVANO METER	30 - 0 -30V
55	STANDARD RESISTANCE	0.1 OHM 5A
56	STANDARD RESISTANCE	01 OHM 3A
57	STANDARD RESISTANCE	10OHM 1A
58	GALVANO METER	30 - 0 -30V DC Moving coil with bakelite desk stand Sensitivity 20 μ A/div
59	VOLT RATIO BOX	6 DIAL
60	1 PHASE AUTO TRANSFORMER	15A,240/0-270V
61	3 PHASE AUTOTRANSFORMER	15 A,415/0-450V
62	3 PHASE VARIABLE LOADING INDUCTANCE	10A,415 V
63	LAMP LOAD	1.2 KW
64	1 PHASE TRANSFORMER	3 KVA,230/115V
65	1 PHASE ISOLATION TRANSFORMER	1KVA,230V/230V
66	1 PHASE ENERGY METER INDUCTION TYPE	5-20 A,240V
67	1 PHASE ENERGY METER ELECTRONIC TYPE	5-20 A

68	3 PHASE ENERGY METER INDUCTION TYPE	20 A
69	3 PHASE ENERGY METER ELECTRONIC TYPE	20 A
70	CAPACITOR	50 MF
71	DIGITAL STOP WATCH	
72	1 PHASE PF METER	1 Phase PF Meter 75/150/300V, 2.5/5/10 A
73	WATT METER	UPF 250/500V-10/20A
74	WATT METER	LPF 250/500V-10/20A
75	WATT METER	UPF 150/300/600V-10/20A
76	WATT METER	UPF 75/150/300V-10/20A
77	WATT METER	LPF 150/300/600V-5/10A
78	WATT METER	UPF 150/300/600V-5/10A

ELECTRICAL WORKSHOP

SL NO	NAME OF EQUIPMENTS	MAJOR SPECIFICATION
1	BALL PEEN HAMMER WITH HANDLE	1K G
2	BENCH VICE HEAVY DUT Y	
3	BLOWLAMP	
4	CHISEL WITH WOODEN HANDLE	¼"
5	CHISEL WITH WOODEN HANDLE	½"
6	CHISEL WITH WOODEN HANDLE	¾"
7	POCKER WITH WOODEN HANDLE	
8	CONNECTOR SCREWDRIVER	6"
9	CONNECTOR SCREWDRIVER	8"
10	SCREW DRIVER HEAVY DUT Y	12"

11	SCREW DRIVER LIGHT DUTY	8"
12	COLD CHISEL	100 MM* 12MM
13	SCREW DRIVER	6"
14	SCREW DRIVER	8"
15	SCREW DRIVER	12"
16	LINE TESTER	8",500V
17	SIDE CUTTING PLIERS	8"
18	SIDE CUTTING PLIERS	6"
19	COMBINATION PLIERS	8"
20	COMBINATION PLIERS	6"
21	NOSE PLIERS	8"
22	NOSE PLIERS	6"
23	ELECTRIC DRILL	13 MM
24	HANSAW FRAME FIXED TYPE	
25	HAND SAW ADJUST ABLE	
26	WIREGUAGE STEEL	
27	WIRE STRIPPER	
28	STEEL RULE	24"
29	STEEL RULE	12"
30	STEEL RULE	6"
31	SPANNER SET DOUBLE END	6"-24"
32	SPANNER SET COMBINATION SET	6"-24"
33	ADJUSTABLE SPANNER	300 MM
34	HAND DRILL	13MM
35	PIPEWRENCH	18"
36	PIPE VICE OPEN TYPE	

37	FILE	6" ROUND
38	FILE	6" SQUARE
39	SCRIBER	150MM
40	WOODEN Mallet	400G
41	TWEESER	
42	CHISSEL HANDLE	
43	DRILL BIT SET	6M M-12MM