


# COLLEGE OF ENGINEERING, ADOOR

## MANDATORY DISCLOSURE

(as on 21<sup>st</sup> July 2021)

“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.	F.No. South-West/1-9317848648/2021/EOA
	Date and Period of last approval	Date: 25-Jun-2021; 2021-2022
2	Name of the Institution	College of Engineering, Adoor 
	Address of the Institution	College of Engineering, Adoor Manakkala P.O, Pathanamthitta (Dist.) Kerala- 691551
	City And pin code	Adoor, Pin code : 691 551
	State/UT	Kerala State.
	Longitude &Latitude	9 <sup>o</sup> .07' 56.58" N 76 <sup>o</sup> 43' 05.03" E

	Phone Number with STD Code	04734-231995(Office), 04734-230640 (Principal)
	Fax Number with STD Code	04734-231995
	Office Hours At the Institution	9.30 am to 4.30 pm
	Academic Hours At the Institution	9 30 am to 4 30 pm
	Email	ceadoor@ihrd.ac.in
	Website	www.cea.ac.in
	Nearest Railway Station(Dist in Km)	Kayamkulam (30 km.)
	Nearest Airport(Distance in Km)	Cochin International Air Port (150 Km) Trivandrum International Airport (100 km)
3	Type of Institution	Government
	Category (1) of the Institution	Non Minority
	Category (2) of the Institution	Co-Ed
4	Name of the Organization Running the Institution	Institute of Human Resources Development (IHRD)
	Type of Organization	Autonomous Educational Institution established by Govt. of Kerala
	Address of the Organization	Institute of Human Resources Development, Prajoe Towers, Vazhuthacaud P.O., Trivandrum, Kerala – 695 014
	Registered With	Registered under The Travancore –Cochin Literary, scientific and charitable societies registrations Act 12 of 1955
	Registration Date	28. 01.1987
	Website of the Organization	www.ihrd.ac.in
5	Name of the Affiliating University/Board	Cochin University of Science and Technology (CUSAT) APJ Abdul Kalam Technological University
	Address	Cochin University of Science & Technology Cochin University P.O. Kerala, Pin – 682 022 APJ Abdul Kalam Technological University CET Campus, Ambady Nagar, Thiruvananthapuram
	Website	www.cusat.ac.in , <a href="http://www.ktu.edu.in">www.ktu.edu.in</a>
	Latest Affiliation Period	2011-12
6	Name of the Principal/Director	<b>Dr. Sunil Kumar.K</b>
	Exact Designation	Principal
	Phone No. With STD Code	04734-230640
	Fax No. With STD Code	04734-231995
	Email	ceadoor@ihrd.ac.in
	Highest Degree	Ph.D

	Field of Specialization	RELIABILITY ENGINEERING						
7	Governing Board Members	Governed by IHRD, established and owned by Government of Kerala						
	Frequency of Meetings & Date of Last Meeting	Bimonthly 20-4-2021						
8	Academic Advisory Body	Board of Studies in Engineering, CUSAT And KTU						
	Frequency of Meetings & Date of Last Meeting	Bimonthly						
9	Organizational Chart	<p style="text-align: center;"><b><u>Organization Chart</u></b></p> <pre> graph TD     IHRD_Director[IHRD Director] --&gt; Principal[Principal]     Principal --&gt; Maintenance[Maintenance centre]     Principal --&gt; HODs[HODs]     Principal --&gt; Faculty_Non_Tech[Faculty in charge of non-technical forums]     Principal --&gt; Librarian[Librarian]     Principal --&gt; TPO[TP Officer]     Principal --&gt; AC[AC]     HODs --&gt; Faculty_Tech[Faculty in charge of technical forums]     HODs --&gt; Faculty[Faculty]     Faculty --&gt; Tech_Support[Tech. Support Staff]     Librarian --&gt; Asst_Librarians[Asst. Librarians/ Supporting Staff]     AC --&gt; Office_Ministerial[Office and Ministerial Staff] </pre>						
10	Student Feedback Mechanism On Institutional Governance/Faculty Performance	Student Feedback Process executed						
11	Grievance Redressal Mechanism For Faculty, Staff And Students	Yes						
12.a	Name of the Department	<b>Computer Science and Engineering</b>						
	Course	B. Tech						
	Level	UG						
	Ist Year Of Approval	1995						
	Year wise Sanctioned Intake	<table border="1" style="width: 100%; text-align: center;"> <tr> <td>2018</td> <td>2019</td> <td>2020</td> </tr> <tr> <td>60+3#+6**</td> <td>60+6*+6**</td> <td>60+6*+6**</td> </tr> </table> <p># 5% supernumerary seats under fee waiver scheme * 10% supernumerary seats under fee waiver scheme. ** 10% Lateral Entry during second year as per government</p>	2018	2019	2020	60+3#+6**	60+6*+6**	60+6*+6**
	2018	2019	2020					
	60+3#+6**	60+6*+6**	60+6*+6**					
Year wise Actual Admissions	<table border="1" style="width: 100%; text-align: center;"> <tr> <td>2018</td> <td>2019</td> <td>2020</td> </tr> <tr> <td>59</td> <td>48</td> <td>60</td> </tr> </table>	2018	2019	2020	59	48	60	
2018	2019	2020						
59	48	60						



	Cut off marks-General Quota	As per prevailing Govt. norms, the minimum marks required for the qualifying examination is 50% for Mathematics and 50% for Physics, Chemistry and Mathematics put together.		
	% Students Passed with Distinction	2018 8 %	2019 18.46 %	2020 12.9%
	% Students Passed with First Class	2018 38 %	2019 56.92%	2020 48.39%
	Students Placed	2018 8 %	2019 24.61%	2020 26.66%
	Average Pay Package, Rs/Year	2018 3.5 lac	2019 3.5 lac	2020 3.5 lac
	Students Opted For Higher Studies	2018 25%	2019 20 %	2020 15%
	Accreditation Status of The Course	Not Accredited		
	Doctoral Courses	No		
	Foreign Collaborations, if any	Nil		
	Professional Society Memberships	ISTE, IEEE Student Branch, IEEE women in Engineering		
	Professional Activities	Technical talks, workshops, Exhibitions, Students outreach programme at Schools, community projects		
	Consultancy Activities			
	Grants Fetched	Nil		
	Departmental Achievements	Conducting technical contest Conducting awareness programme for school children Providing satellite base interactive class room facility (EDUSAT) and video conferencing facility. Arranging expert lectures frequently by eminent personalities; Technical as well as cultural.		
	Distinguished Alumni	Mr. Younus, P L, Wipro Technologies		
12 b	Name of the Department	<b>Electronics and Communication Engineering</b>		
	Course	B. Tech		
	Level	UG		
	Ist Year Of Approval By the Council	1995		
	Year wise Sanctioned Intake	2019 60+6 <sup>#</sup> +12 <sup>**</sup>	2020 60+12*+12 <sup>**</sup>	2021 120+12*+12 <sup>**</sup>
	<i># 5% supernumerary seats under fee waiverscheme</i> <i>* 10% supernumerary seats under fee waiverscheme.</i> <i>** 10% Lateral Entry during second year as per government norms.</i>			
	Year wise Actual Admissions	2019 97	2020 82	2021 75
	Cut off marks-General Quota	As per prevailing Govt. norms, the minimum marks required for the qualifying examination is 50% for mathematics and 50% for Physics, Chemistry and Mathematics put together.		
	% Students Passed with Distinction	2014 12.21%	2015 17.32%	2016 15.38%

	% Students Passed with First Class	2014 46.56%	2015 46.46%	2016 50%
	Students Placed	2014 12.21 %	2015 27.55%	2016 21.66%
	Average Pay Package, Rs/Year	2014 3.5lac	2015 3.5lac	2016 3.5lac
	Students Opted For Higher Studies	2014 35 %	2015 30%	2016 10%
	Accreditation Status of The Course	Not Accredited		
	Doctoral Courses	Nil		
	Foreign Collaborations, if any	Nil		
	Professional Society Memberships	ISTE, IEEE Student Branch, IEEE women in Engineering		
	Professional Activities	Technical talks, workshops, Exhibitions, Students outreach programme at Schools, community projects		
	Consultancy Activities	Nil		
	Grants Fetched	Nil		
	Departmental Achievements	<ul style="list-style-type: none"> <li>• Conducting technical contest initiated by the electronic association, PULSE.</li> <li>• Conducting technical awareness classes for school students.</li> <li>• Providing satellite base interactive classroom facility (EDUSAT) and video conferencing facility</li> <li>• Arranging technical and general lectures</li> </ul>		
	Distinguished Alumni	Mr. Deepu Mathew C, Associate Vice President, City Group, New York		
12c	Name of the Department	<b>Mechanical Engineering</b>		
	Course	B. Tech		
	Level	UG		
	Ist Year Of Approval By the Council	1995		
	Year wise Sanctioned Intake	2018 120 120+6*+6**	2019 120 120+6*+6**	2020 120 120+6#+12**
		* 10% supernumerary seats under fee waiver scheme. ** 10% Lateral Entry during second year as per government norms.		
	Year wise Actual Admissions	2018 121	2019 119	2020 114
	Cut off marks-General Quota	As per prevailing Government norms, the minimum marks required for the qualifying examination is 50% for mathematics and 50% for Physics, Chemistry and Mathematics put together.		
	% Students Passed with Distinction	2018 19.72%	2019 22.39%	2020 12.98%
	% Students Passed with First Class	2018 57.75%	2019 59.7%	2020 54.2%
Students Placed	2018 15.49%	2019 17.91%	2020 6.66%	

	Average Pay Package, Rs/Year	2018 3.5 lac	2019 3.5lac	2020 3.5lac
	Students Opted For Higher Studies	2018 20%	2019 15%	2020 8%
	Accreditation Status of The Course	Not Accredited		
	Doctoral Courses	Nil		
	Foreign Collaborations, if any	Nil		
	Professional Society Memberships	SAE,ISTE		
	Professional Activities	Technical talks/workshops, Exhibitions, Students outreach programme at Schools, community projects		
	Consultancy Activities	Nil		
	Grants Fetched	Nil		
	Departmental Achievements	<ul style="list-style-type: none"> <li>• Conducting technical awareness classes for schoolstudents.</li> <li>• Coordinating short term courses\ talks on various topics such as technical, culturalaspects.</li> <li>• Providing satellite base interactive classroom facility (EDUSAT) and video conferencing facility.</li> <li>• FORUM, the association of Mechanical students organize technical expert lectures, competitions, hands on experience on machines etc.</li> </ul>		
	Distinguished Alumni	Mr. Josemon Jose, Member, "Brahmos" missile team		
	Course	M. Tech		
	Level	PG		
	Ist Year Of Approval By the Council	2012		
	Year wise Sanctioned Intake	2012 18		
	Accreditation Status of The Course	Not Accredited		
12d	Name of the Course	<b>Electrical and Electronics Engineering</b>		
	Course	B. Tech		
	Level	UG		
	Ist Year Of Approval By the Council	2011		
	Year wise Sanctioned Intake	2018 60 60+3#+6**	2019 60 60+3#+6**	2020 60 60+3#+6**
		# 5% supernumerary seats under fee waiver scheme ** 10% Lateral Entry during second year as per government norms		
	Year wise Actual Admissions	2018 59	2015 50	2020 51
	Cut off marks-General Quota	As per prevailing Government norms, the minimum marks required for the Qualifying examination is 50% for mathematics and 50% for Physics, Chemistry and Mathematics put together.		
	Accreditation Status of The Course	Not Accredited		

	Doctoral Courses	Nil						
	Foreign Collaborations, if any	Nil						
	Professional Society Memberships	IEEE,ISTE						
	Professional Activities	Technical talks, Skill development programmes, Exhibitions, Seminars, Interactions with industry						
	Consultancy Activities	Nil						
	Grants Fetched	Nil						
	Departmental Achievements	<ul style="list-style-type: none"> <li>• Conducting technical awareness classes for schoolstudents.</li> <li>• Interaction with local administrationbodies</li> <li>• Industrial visits</li> </ul>						
13	Name of Teaching Staff	<b>Appendix I</b>						
14	Admission Quota	<ul style="list-style-type: none"> <li>• 50% merit quota with fee35000/-</li> <li>• 35% merit quota with fee65000/-</li> <li>• 15% institute quota with fee1,00,000/-</li> </ul>						
	Entrance Test/Admission Criteria	<ul style="list-style-type: none"> <li>• The criteria for BTech degree admission is prescribed by the CEE, Govt.ofKeralaandconcerneduniversity,issuedeveryyearbyGovt. of Kerala through common prospectus for admission to professional degree courses. The eligibility of students is stipulated strictly as per AICTE guidelines. As per prevailing norms, the minimum marks required for the qualifying examination is 50% for mathematics and 50% for Physics, Chemistry and Mathematics puttogether.</li> </ul>						
	Cut off/Last Candidate Admitted	<b>Appendix II</b>						
	Fees in Rupees	<b>Appendix III</b>						
	Number of Fee Waivers Offered	<table border="1"> <thead> <tr> <th>2018</th> <th>2019</th> <th>2020</th> </tr> </thead> <tbody> <tr> <td>18</td> <td>18</td> <td>18</td> </tr> </tbody> </table>	2018	2019	2020	18	18	18
	2018	2019	2020					
18	18	18						
Admission Calendar	Admission Calendar is issued every year by Govt. of Kerala through common prospectus for admission to professional degree courses.							
	PIO Quota	No						
15	<b>Infrastructural Information</b>							



<p>Class Room/Tutorial Room Facilities</p>	<p>Class rooms/Tutorial rooms -27Nos</p> 								
<p>Laboratory Details</p>	<p><b>Appendix IV</b></p>								
<p>Computer Centre Facilities</p>	<p>The computing facility comprises of more than 325 computer systems of various configurations including server systems, laptop computers, <b>Core i7 / Core i3</b> machines etc. All systems are connected through Local Area Network including wireless connectivity. National Knowledge Network (NKN) with 20 Mbps leased line connection under NMICT scheme, One 2Mbps leased line connection and three 2Mbps broadband connections exist in the campus. Major software packages available are ANSYS, CATIA V5, AUTOCAD, NISA, PRIMVERA MATLAB 6.5, OrCad 10.1, EDWin XP (Campus License), Oracle 10G, Visual Studio etc.</p>								
<p>Library Facilities</p>	<p>The details of central library is as follows</p> <table data-bbox="609 1014 1154 1199"> <tr> <td>Number of titles of the books</td> <td>-8338</td> </tr> <tr> <td>Number of volumes</td> <td>-22,278</td> </tr> <tr> <td>Number of National Journals</td> <td>-33</td> </tr> <tr> <td>Number of e-Journals</td> <td>-1</td> </tr> </table> 	Number of titles of the books	-8338	Number of volumes	-22,278	Number of National Journals	-33	Number of e-Journals	-1
Number of titles of the books	-8338								
Number of volumes	-22,278								
Number of National Journals	-33								
Number of e-Journals	-1								



Library Facilities



Auditorium/Seminar Halls/Amphi

Auditorium with a seating capacity of 500



Seminar Hall with seating capacity of 75



Cafeteria

With a seating capacity of 75



Cafeteria (contd.)



Indoor Sports Facilities



Ping Pong

Outdoor Sports Facilities

Play Ground




Basket Ball court

		Shuttle court 
	Gymnasium Facilities	Health Club 
	Facilities For Disabled	
	Any Other Facilities	<ul style="list-style-type: none"> <li>• EDUSAT satellite based interactive classroom</li> <li>• Computerized examination cell for conducting examinations</li> <li>• Laptops issued to students for independent developmental/Project Works</li> <li>• 11kV Substation with Generator Backup for the entire campus.</li> <li>• Additional generator backup facility for Major labs</li> </ul>
16	Boys Hostel	Yes
	Girls Hostel	No
	Medical And Other Facilities At Hostel	N A

17	Academic Sessions	<ul style="list-style-type: none"> <li>The College is affiliated to Cochin University of Science and Technology, following the curriculum and syllabi of the university. The programme is conducted in a time span of 8 semesters comprising of 39 theory papers, 12 laboratory courses, 1 seminar, 1 minor project and 1 major project. 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.</li> <li>A Study Tour is conducted in the Fifth Semester giving importance to industrial visits which help them to have industry institution interaction.</li> <li>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. The institution has a media centre where video sessions on subjects by experts from premier institutes are screened, as per demand from students. Audio visual aids are thoroughly used in theory and tutorial sessions. Students are encouraged to work on community service projects alongside faculty, so as to learn implementation of technical</li> </ul>
	Examination System, Year/Semester	<ul style="list-style-type: none"> <li>Semester wise examination is being conducted for all years of the course.</li> </ul>
	Period of Declaration of Results	Every six months
18	Counseling/Mentoring	YES.
	Career Counseling	Regular 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, mock interviews are conducted regularly.
	Medical Facilities Student Insurance	No Yes
19	Students Activity Body	SENATE consisting of Chairman, Secretary, Magazine Editor, Sports Secretary, Arts Secretary etc., NSS, NATURE CLUB, IEDC
	Cultural Activities	ARTS CLUB, MUSIC CLUB. Arts Festivals conducted every year.
	Sports Activities	Annual sports meet
	Literary Activities	Periodic conduct of Essay competitions, Debates, open forum etc
	Magazine/News Letter	Yearly publication of College Magazine
	Technical Activities/Tech Fest	IEEE, ISTE, PULSE, TRACE, FORUM. A cultural and Technical Festival, "PEGAZUZ" is conducted every year.
	Industrial Visits/Tours	Arranged Regularly
	Alumni Activities	Project assistance, scholarships, technical talks, career guidance
20	Name of the Information Officer For RTI	SURESH KUMAR G
	Designation	Associate Professor
	Phone No. with STD Code	04734-231995
	Fax No. with STD Code	04734-231995
	Email	<a href="mailto:ceadoor@ihrd.ac.in">ceadoor@ihrd.ac.in</a>


# **APPENDIX-I**

Department of Mechanical Engineering – Personal Details of Faculty			
<b>Name</b>	Dr. K SUNILKUMAR		
<b>Designation</b>	Principal		
<b>Qualification</b>	<b>PhD</b>	Reliability Engineering	CUSAT
	<b>M.Tech</b>	Manufacturing Engg.	REC/ University of Calicut
	<b>B.Tech</b>	Mechanical Engineering	Calicut University
<b>Experience (in years)</b>	<b>Academic</b>	26	
	<b>Research</b>	4	
	<b>Industry</b>	-	
	<b>Others</b>	-	
<b>Research Interests</b>	1. Reliability Engineering 2. Energy Management 3. Production Engineering		
<b>Subjects Handled</b>	1. Maintenance & Reliability Engineering 2. CIM, CNC 3. Research methodology 4. Quality Control		
<b>Guideship</b>	<b>M.Tech</b>	<b>Completed</b>	12
		<b>Ongoing</b>	2
	<b>B.Tech</b>	<b>Completed</b>	4
		<b>Ongoing</b>	1
<b>Publications</b>	6		
<b>Positions Held</b>	HOD department of Mechanical Engg CE Adoor (current) HOD department of Mechanical Engg , Model engg college k m Princi		
<b>Other Responsibilities (Current)</b>	Member, Board of Governors, APJ Abdul Kalam Technological University, Thiruvananthapuram Academic Auditor APJ Abdul Kalam Technological University, Thiruvananthapuram		
<b>Co-curricular</b>	NSS Program officer MEC, Ernakulam (1992-95) Staff in charge Alumni MEC (2012-16)		
<b>Professional Body Membership</b>	Life member ISTE		
<b>Address for Communication</b>	<b>Off.</b>	Department of Mechanical Engineering, College of Engineering, Adoor, Manakkala – 691551	
	<b>Res.</b>	“OM” Nairthara, Vadakkancherry (MBR) - 678683	
<b>Email ID</b>	<a href="mailto:principal@cea.ac.in">principal@cea.ac.in</a> <a href="mailto:sunil@cea.ac.in">sunil@cea.ac.in</a> <a href="mailto:sunil67@hotmail.com">sunil67@hotmail.com</a>		
<b>Contact Number</b>	8547005100		
<b>Department of Electronics &amp; Communication Engineering – Personal Details of Faculty</b>			


<b>Name</b>	<b>Dr. JAYACHANDRAN E S</b>		
<b>Designation</b>	<b>Professor &amp; Head</b>		
<b>Qualification</b>	<b>PhD</b>	Bio Signal Processing and time series analysis	
	<b>M.Tech</b>	INSTRUMENTATION & CONTROL	
	<b>B.Tech</b>	APPLIED ELECTRONICS & INSTRUMENTATION ENGINEERING	
<b>Experience (in years)</b>	<b>Academic</b>	30	
	<b>Research</b>		
	<b>Industry</b>		
	<b>Others</b>		
<b>Research Interests</b>	<ol style="list-style-type: none"> <li>1. Electronic circuits,</li> <li>2. Bio signal processing,</li> <li>3. Instrumentation.</li> </ol>		
<b>Subjects Handled</b>			
<b>Guideship</b>	<b>M.Tech</b>	<b>Completed</b>	
		<b>Ongoing</b>	
	<b>B.Tech</b>	<b>Completed</b>	
		<b>Ongoing</b>	
<b>Publications</b>			
<b>Positions Held</b>			
<b>Other Responsibilities (Current)</b>			
<b>Co-curricular</b>			
<b>Professional Body Membership</b>			
<b>Address for Communication</b>	<b>Off.</b>	Department of Electronics & Communication Engineering, College of Engineering, Adoor, Manakkala – 691551	
	<b>Res.</b>	Rappal Warriem Kodakara (PO) Thrissur Dt. pin:680684	
<b>Email ID</b>	<a href="mailto:hodec@cea.ac.in">hodec@cea.ac.in</a>		
<b>Contact Number</b>	9495062864		




**Department of Electrical and Electronics Engineering – Personal Details of Faculty**

<b>Name</b>	<b>Dr. JOHN GEORGE</b>		
<b>Designation</b>	<b>Professor &amp; Head</b>		
<b>Qualification</b>	<b>Phd</b>	Power Quality	NIT Calicut
	<b>M.Tech</b>	EE - Power Systems	Kerala University
	<b>B.Tech</b>	Electrical and Electronics Engg	Kerala University
<b>Experience</b>	<b>Academic</b>	Teaching 20years	
	<b>Research</b>	-	
	<b>Industry</b>	1 year	
	<b>Others</b>		
<b>Research Interest</b>	1. PowerQuality 2. SmartGrid 3. FactsDevices 4. Power SystemControl		
<b>Subjects Handled</b>	1. Basic Electrical Engineering 2. ElectricalMachines 3. Circuits and Devices 4 ControlSystems 5. Microprocessors and AdvancedMicroprocessors 6. Power Electronics, PowerQuality		
<b>Guideship</b>	<b>M.Tech</b>	<b>Completed</b>	1
		<b>Ongoing</b>	
	<b>B.Tech</b>	<b>Completed</b>	10
		<b>Ongoing</b>	5
<b>PhD</b>	<b>Completed</b>		
	<b>Ongoing</b>		
<b>Address for Communication</b>	<b>Off.</b>	Professor and Head Department of Electrical and Electronics Engineering, College of Engineering, Adoor, Manakkala – 691551 Pathanamthitta District, Kerala, India	
	<b>Res.</b>	Thiruhudaya Bhavan Ampalathumkala P O Ezhukone, Kollam (Dt), Kerala 691505	
<b>Email ID</b>	johngcea@gmail.com		
<b>Contact Number</b>	9447895099		

**Department of Mechanical Engineering – Details of Faculty**

<b>1.</b>	<b>Name</b>	<b>Dr. JOSE MATHEW</b>		
<b>2.</b>	<b>Designation</b>	<b>Associate Professor&amp;Head</b>		
<b>3.</b>	<b>Qualification</b>	<b>Phd</b>	Manufacturing Engineering	NIT Trichy
		<b>M.Tech</b>	Advanced Manufacturing Engineering	KREC Surathkal (NITK)
		<b>B.Tech</b>	Mechanical Engineering	Calicut University
<b>4.</b>	<b>Experience (in years)</b>	<b>Academic</b>	17	
		<b>Research</b>	-	
		<b>Industry</b>	-	
		<b>Others</b>	-	
<b>5.</b>	<b>Research Interests</b>	1. CAD/CAM 2. Robotics 3. Finite ElementMethods 4. IndustrialSafety		
<b>6.</b>	<b>Subjects Handled</b>	1. Advance Mechanics ofSolids 2. CAD/CAM 3. Finite ElementMethods 4. Engineering Mechanics 5. IndustrialManagement 6. Robotics 7. OperationsResearch 8. EngineeringGraphics		
<b>7.</b>	<b>Guideship</b>	<b>M.Tech</b>	<b>Completed</b>	-
			<b>Ongoing</b>	-
		<b>B.Tech</b>	<b>Completed</b>	-
			<b>Ongoing</b>	12
<b>8.</b>	<b>Publications</b>			
<b>9.</b>	<b>Positions Held</b>	•		
<b>10.</b>	<b>Other Responsibilities (Current)</b>	•		
<b>11.</b>	<b>Co-curricular</b>	•		
<b>12.</b>	<b>Professional Body Membership</b>	•		
<b>13.</b>	<b>Address for Communication</b>	<b>Off.</b>	Department of Mechanical Engineering, College of Engineering, Adoor, Manakkala – 691551 Pathanamthitta District, Kerala, India	
		<b>Res.</b>	Kaniyampadickal Anakkal P. O Kanjirappally Kottayam District Kerala - 686508	
<b>14.</b>	<b>Email ID</b>	josemathew[AT]cea.ac.in		
<b>15.</b>	<b>Contact Number</b>	(+91) 9447870068		


**Department of Mechanical Engineering – Details of Faculty**

1.	<b>Name</b>	<b>Dr.BINULAL B R</b>		
2.	<b>Designation</b>	<b>Associate Professor</b>		
3.	<b>Qualification</b>	<b>Ph.D.</b>		
		<b>M. Tech</b>	Machine Design	University of Kerala
		<b>B. Tech</b>	Mechanical Engineering	University of Kerala
4.	<b>Experience (in ye ars)</b>	<b>Academic</b>	16	
		<b>Research</b>	-	
		<b>Industry</b>	-	
		<b>Others</b>	-	
5.	<b>Research Inte rests</b>	1. Flow induced vibrations 2. Fluid Structure Interaction 3. Vibrations		
6.	<b>Subjects Handle d</b>	1. Engineering Mechanics 2. Strength of Materials 3. Machine Design		
7.	<b>Guideship</b>	<b>M.Tech</b>	<b>Comple ted</b>	4
			<b>Ongoing</b>	-
		<b>B.Tech</b>	<b>Comple ted</b>	10
			<b>Ongoing</b>	-
8.	<b>Publications</b>	<a href="https://scholar.google.co.in/citations?user=u-DqMK0AAAAJ&amp;hl=en">https://scholar.google.co.in/citations?user=u-DqMK0AAAAJ&amp;hl=en</a>		
9.	<b>Positions Held</b>			
10.	<b>Other Responsibilities</b>			
11.	<b>Co-curricular</b>			
12.	<b>Professional Body Membe rs hip</b>	Life Member, Indian Society for Technical Education Fellow, Institution of Engineers (India) Chartered Engineer, Institution of Engineers (India)		
13.	<b>Address for Communication</b>	<b>Off.</b>	Department of Mechanical Engineering, College of Engineering, Adoor, Manakkala – 691551 Pathanamthitta District, Kerala, India	
		<b>Res.</b>		
14.	<b>Email ID</b>	binulalbr[AT]cea.ac.in		
15.	<b>Contact Numbe r</b>	(+91) 9447256944		


**Department of Mechanical Engineering – Details of Faculty**

<b>1.</b>	<b>Name</b>	<b>MANU M JOHN</b>		
<b>2.</b>	<b>Designation</b>	<b>Assistant Professor</b>		
<b>3.</b>	<b>Qualification</b>	<b>Phd</b>	ongoing	University of Kerala
		<b>M.Tech</b>	Propulsion	University of Kerala
		<b>B.Tech</b>	Mechanical Engineering	University of Kerala
<b>4.</b>	<b>Experience (in years)</b>	<b>Academic</b>	17	
		<b>Research</b>	-	
		<b>Industry</b>	1.5	
		<b>Others</b>	-	
<b>5.</b>	<b>Research Interests</b>	<ol style="list-style-type: none"> <li>1. Heat Transfer</li> <li>2. Propulsion</li> <li>3. Cryogenics</li> </ol>		
<b>6.</b>	<b>Subjects Handled</b>	<ol style="list-style-type: none"> <li>1. Thermodynamics</li> <li>2. Propulsion</li> <li>3. Thermal Engineering</li> <li>4. Applied Thermodynamics</li> <li>5. Heat and Mass Transfer</li> <li>6. Quality Control</li> </ol>		
<b>7.</b>	<b>Guideship</b>	<b>M.Tech</b>	<b>Completed</b>	13
			<b>Ongoing</b>	3
		<b>B.Tech</b>	<b>Completed</b>	60
			<b>Ongoing</b>	4
<b>8.</b>	<b>Publications</b>	6		
<b>9.</b>	<b>Positions Held</b>	HOD Department of Mechanical Engg CE Adoor (2012-2015) TEQIP II Coordinator (2014)		
<b>10.</b>	<b>Other Responsibilities (Current)</b>	TEQIP II Finance Coordinator		
<b>11.</b>	<b>Co-curricular</b>	Organizer FDP (2) Expert Lectures (3)		
<b>12.</b>	<b>Professional Body Membership</b>	Life member ISTE		
<b>13.</b>	<b>Address for Communication</b>	<b>Off.</b>	Department of Mechanical Engineering, College of Engineering, Adoor Manakkala – 691551 Pathanamthitta District, Kerala, India	
		<b>Res.</b>		
<b>14.</b>	<b>Email ID</b>	manumjohn[AT]cea.ac.in		
<b>15.</b>	<b>Contact Number</b>	(+91) 9496367025		


**Department of Mechanical Engineering – Details of Faculty**

1.	<b>Name</b>	<b>Dr.VENKITARAJ K P</b>		
2.	<b>Designation</b>	<b>Assistant Professor</b>		
3.	<b>Qualification</b>	<b>Phd</b>	Mechanical Engineering	NIT Trichy
		<b>M.Tech</b>	Thermal Power Engineering	NIT Trichy
		<b>B.Tech</b>	Mechanical Engineering	University of Calicut
4.	<b>Experience (in years)</b>	<b>Academic</b>	20	
		<b>Research</b>	6	
		<b>Industry</b>	1	
		<b>Others</b>	-	
5.	<b>Research Interests</b>	1. Heat Transfer 2. Nanofluids 3. Phase Change Materials 4. Renewable Energy		
6.	<b>Subjects Handled</b>	<b>UG</b> 1. Engineering Mechanics 2. Fluid Mechanics 3. Mechanics of Solids 4. Metallurgy & Material Science 5. Hydraulic Machines 6. Manufacturing Technology 7. Thermal Engineering 8. Mechanics of Machinery 9. Heat and Mass Transfer 10. Refrigeration & Air Conditioning	11. Machine Design 12. Gas Dynamics 13. Aerospace Engineering 14. Propulsion <b>PG</b> 1. Compressible & Incompressible Flows 2. Principles of Turbo Machinery 3. Design of Heat Transfer Equipments 4. Analysis of Thermal Power Cycles & Systems 5. Finite Element Methods for Thermal Engineering	
7.	<b>Guideship</b>	<b>M.Tech</b>	<b>Completed</b>	12
			<b>Ongoing</b>	02
		<b>B.Tech</b>	<b>Completed</b>	22 batches
			<b>Ongoing</b>	3 batches
8.	<b>Publications</b>	<a href="https://scholar.google.co.in/citations?user=KKIO-o8AAAAJ&amp;hl=en&amp;oi=pl">https://scholar.google.co.in/citations?user=KKIO-o8AAAAJ&amp;hl=en&amp;oi=pl</a>		
9.	<b>Positions Held</b>	TEQIP-II Procurement Coordinator TEQIP-II Project Coordinator (2015 onwards)		
10.	<b>Other Responsibilities</b>	Staff Advisor to UG & PG		
11.	<b>Co-curricular</b>			
12.	<b>Professional Body Membership</b>	Life Member, Indian Society for Technical Education ASME		
13.	<b>Address for Communication</b>	<b>Off.</b>	Department of Mechanical Engineering, College of Engineering, Adoor, Manakkala – 691551 Pathanamthitta District, Kerala, India	
		<b>Res.</b>	Konery House Market Road Adoor Pathanamthitta – 691523	
14.	<b>Email ID</b>	venkitaraj[AT]cea.ac.in		
15.	<b>Contact Number</b>	( +91) 9496500422		
16.	<b>Personal web site</b>	<a href="https://sites.google.com/a/cea.ac.in/venkitaraj/">https://sites.google.com/a/cea.ac.in/venkitaraj/</a>		

**Department of Mechanical Engineering – Details of Faculty**


<b>1.</b>	<b>Name</b>	<b>JOHN SEPRIAN FERNANDEZ S.</b>		
<b>2.</b>	<b>Designation</b>	<b>Assistant Professor</b>		
<b>3.</b>	<b>Qualification</b>	<b>Phd</b>	-	-
		<b>M.Tech</b>	-	-
		<b>B.Tech</b>	Mechanical Engineering	University of Kerala
<b>4.</b>	<b>Experience (in ye ars)</b>	<b>Academic</b>	20	
		<b>Research</b>	-	
		<b>Industry</b>	1	
		<b>Others</b>	-	
<b>5.</b>	<b>Research Inte rests</b>	1. Robotics and Automation		
<b>6.</b>	<b>Subjects Handled</b>	1. Industria l OperationsManagement 2. MachineShop		
<b>7.</b>	<b>Guideship</b>	<b>M.Tech</b>	<b>Comple ted</b>	-
			<b>Ongoing</b>	-
		<b>B.Tech</b>	<b>Comple ted</b>	10
			<b>Ongoing</b>	-
<b>8.</b>	<b>Publications</b>			
<b>9.</b>	<b>Positions Held</b>			
<b>10.</b>	<b>Other Responsibilities</b>			
<b>11.</b>	<b>Co-curricular</b>			
<b>12.</b>	<b>Professional Body Membe rs hip</b>			
<b>13.</b>	<b>Address for Communication</b>	<b>Off.</b>	Department of Mechanical Engineering, College of Engineering, Adoor, Manakkala – 691551 Pathanamthitta District, Kerala,India	
		<b>Res.</b>		
<b>14.</b>	<b>Email ID</b>	johnseprianfernandez[AT]yahoo.co.in		
<b>15.</b>	<b>Contact Numbe r</b>	(91) 9207248391		

**Department of Mechanical Engineering – Details of Faculty**


<b>1.</b>	<b>Name</b>	<b>Lasithan L G</b>		
<b>2.</b>	<b>Designation</b>	<b>Assistant Professor</b>		
<b>3.</b>	<b>Qualification</b>	<b>Phd</b>		
		<b>M.Tech</b>		
		<b>B.Tech</b>		
<b>4.</b>	<b>Experience (in ye ars)</b>	<b>Academic</b>		
		<b>Research</b>		
		<b>Industry</b>		
		<b>Others</b>		
<b>5.</b>	<b>Research Inte rests</b>			
<b>6.</b>	<b>Subjects Handle d</b>			
<b>7.</b>	<b>Guideship</b>	<b>M.Tech</b>	<b>Comple ted</b>	
			<b>Ongoing</b>	
		<b>B.Tech</b>	<b>Comple ted</b>	
			<b>Ongoing</b>	
<b>8.</b>	<b>Publications</b>			
<b>9.</b>	<b>Positions Held</b>			
<b>10.</b>	<b>Other Responsibilities</b>			
<b>11.</b>	<b>Co-curricular</b>			
<b>12.</b>	<b>Professional Body Membe rs hip</b>			
<b>13.</b>	<b>Address for Communication</b>	<b>Off.</b>		
		<b>Res.</b>		
<b>14.</b>	<b>Email ID</b>			
<b>15.</b>	<b>Contact Numbe r</b>			
<b>16.</b>	<b>Personal web site</b>			




**Department of Mechanical Engineering – Details of Faculty**

<b>1.</b>	<b>Name</b>	<b>MADHU A K</b>		
<b>2.</b>	<b>Designation</b>	<b>Assistant Professor</b>		
<b>3.</b>	<b>Qualification</b>	<b>Phd</b>	Ongoing	NIT Calicut
		<b>M.Tech</b>	Energy Engineering	NIT Calicut
		<b>B.Tech</b>	Mechanical Engineering	University of Calicut
<b>4.</b>	<b>Experience (in years)</b>	<b>Academic</b>	15	
		<b>Research</b>	2	
		<b>Industry</b>	-	
		<b>Others</b>	-	
<b>5.</b>	<b>Research Interests</b>	1. Nano scale thermaltransport 2. Computational Fluid Dynamics and HeatTransfer		
<b>6.</b>	<b>Subjects Handled</b>	1. Heat Transfer (UG andPG) 2. Computational methods in fluid flow and heat transfer(PG) 3. Fluid mechanics(UG) 4. Engineeringmechanics 5. Thermalengineering 6. Hydraulicmachines 7. Vibration and noisecontrol		
<b>7.</b>	<b>Guideship</b>	<b>M.Tech</b>	<b>Completed</b>	6
			<b>Ongoing</b>	1
		<b>B.Tech</b>	<b>Completed</b>	25
			<b>Ongoing</b>	8
<b>8.</b>	<b>Publications</b>			
<b>9.</b>	<b>Positions Held</b>			
<b>10.</b>	<b>Other Responsibilities (Current)</b>	TEQIP-II Academic Coordinator		
<b>11.</b>	<b>Co-curricular</b>			
<b>12.</b>	<b>Professional Body Membership</b>			
<b>13.</b>	<b>Address for Communication</b>	<b>Off.</b>	Department of Mechanical Engineering, College of Engineering, Adoor Manakkala – 691551 Pathanamthitta District, Kerala,India	
		<b>Res.</b>	Kavumcheril Nikunjam Pullikkanakku PO Kayamkulam 690537	
<b>14.</b>	<b>Email ID</b>	madhuak[AT]cea.ac.in		
<b>15.</b>	<b>Contact Number</b>	( +91) 9447484345		


**Department of Mechanical Engineering – Details of Faculty**

<b>1.</b>	<b>Name</b>	<b>SANTHOSH T</b>		
<b>2.</b>	<b>Designation</b>	<b>Assistant Professor</b>		
<b>3.</b>	<b>Qualification</b>	<b>Phd</b>	-	-
		<b>M.Tech</b>	Industrial Refrigeration and Cryogenics	University of Kerala
		<b>B.Tech</b>	Mechanical Engineering	University of Kerala
<b>4.</b>	<b>Experience (in ye ars)</b>	<b>Academic</b>	11	
		<b>Research</b>	-	
		<b>Industry</b>	-	
		<b>Others</b>	-	
<b>5.</b>	<b>Research Inte rests</b>	1. Thermal Engineering		
<b>6.</b>	<b>Subjects Handle d</b>	1. Engineering Mechanics 2. Thermodynamics 3. Fluid Mechanics 4. Cryogenics		
<b>7.</b>	<b>Guideship</b>	<b>M.Tech</b>	<b>Comple ted</b>	-
			<b>Ongoing</b>	-
		<b>B.Tech</b>	<b>Comple ted</b>	-
			<b>Ongoing</b>	4
<b>8.</b>	<b>Publications</b>			
<b>9.</b>	<b>Positions Held</b>			
<b>10.</b>	<b>Other Responsibilities (Current)</b>			
<b>11.</b>	<b>Co-curricular</b>			
<b>12.</b>	<b>Professional Body Membe rs hip</b>			
<b>13.</b>	<b>Address for Communication</b>	<b>Off.</b>	Department of Mechanical Engineering, College of Engineering, Adoor, Manakkala – 691551 Pathanamthitta District, Kerala, India	
		<b>Res.</b>	JOSE BHAVAN TKMC P.O. Karicode Aricode Kollam - 691005	
<b>14.</b>	<b>Email ID</b>	Sanorjose[AT]yahoo.com		
<b>15.</b>	<b>Contact Numbe r</b>	(+91) 9895873688		


**Department of Mechanical Engineering – Details of Faculty**

<b>1.</b>	<b>Name</b>	<b>PREMNATH G</b>		
<b>2.</b>	<b>Designation</b>	<b>Assistant Professor</b>		
<b>3.</b>	<b>Qualification</b>	<b>Phd</b>		
		<b>M.Tech</b>	METALLURGICAL AND MATERIALS ENGINEERING	
		<b>B.Tech</b>	Mechanical Engineering	
<b>4.</b>	<b>Experience (in years)</b>	<b>Academic</b>	18	
		<b>Research</b>	-	
		<b>Industry</b>	-	
		<b>Others</b>	-	
<b>5.</b>	<b>Research Interests</b>	1. Machine Tools, 2. Heat treatment of Materials, 3. Dynamics of Machinery		
<b>6.</b>	<b>Subjects Handled</b>	1. Engineering Mechanics 2. Thermodynamics 3. Fluid Mechanics 4. Cryogenics		
<b>7.</b>	<b>Guideship</b>	<b>M.Tech</b>	<b>Completed</b>	-
			<b>Ongoing</b>	-
		<b>B.Tech</b>	<b>Completed</b>	-
			<b>Ongoing</b>	4
<b>8.</b>	<b>Publications</b>			
<b>9.</b>	<b>Positions Held</b>			
<b>10.</b>	<b>Other Responsibilities (Current)</b>			
<b>11.</b>	<b>Co-curricular</b>			
<b>12.</b>	<b>Professional Body Membership</b>			
<b>13.</b>	<b>Address for Communication</b>	<b>Off.</b>	Department of Mechanical Engineering, College of Engineering, Adoor, Manakkala – 691551 Pathanamthitta District, Kerala, India	
		<b>Res.</b>	Sree Bhavan Nr. Capithans Theatre Sakthikulangara Kollam	
<b>14.</b>	<b>Email ID</b>	premgquilon@gmail.com		
<b>15.</b>	<b>Contact Number</b>	9526173397		


**Department of Mechanical Engineering – Personal Details of Faculty**

<b>1.</b>	<b>Name</b>	<b>VINAYAK A S</b>		
<b>2.</b>	<b>Designation</b>	<b>Assistant Professor</b>		
<b>3.</b>	<b>Qualification</b>	<b>Phd</b>	-	-
		<b>M.Tech</b>	THERMAL ENGINEERING	CUSAT
		<b>B.Tech</b>	MECHANICAL ENGINEERING	KERALA UNIVERSITY
<b>4.</b>	<b>Experience (in ye ars)</b>	<b>Academic</b>	1	
		<b>Research</b>	-	
		<b>Industry</b>	-	
		<b>Others</b>	-	
<b>5.</b>	<b>Research Inte rests</b>	1.Heat Transfer 2.Propuls ion 3.FluidMechanics		
<b>6.</b>	<b>Subjects Handle d</b>	1.Refrigeration and AirConditioning 2.Principles of Turbomachinery 3.Engineering Mechanics 4.Design andEngineering		
<b>7.</b>	<b>Guideship</b>	<b>M.Tech</b>	<b>Comple ted</b>	-
			<b>Ongoing</b>	-
		<b>B.Tech</b>	<b>Comple ted</b>	-
			<b>Ongoing</b>	15
<b>8.</b>	<b>Publications</b>			
<b>9.</b>	<b>Positions Held</b>			
<b>10.</b>	<b>Other Responsibilities (Current)</b>			
<b>11.</b>	<b>Co-curricular</b>			
<b>12.</b>	<b>Professional Body Membe rs hip</b>			
<b>13.</b>	<b>Address for Communication</b>	<b>Off.</b>	Department of Mechanical Engineering, College of Engineering, Adoor, Manakkala – 691551 Pathanamthitta District, Kerala,India	
		<b>Res.</b>	SOUPARNIKA Thottummugham P.O. Mynagapally South Kollam - 690519	
<b>14.</b>	<b>Email ID</b>	vinu.mist[AT]gma il.com		
<b>15.</b>	<b>Contact Numbe r</b>	( +91) 9048230732		


**Department of Mechanical Engineering – Personal Details of Faculty**

<b>1.</b>	<b>Name</b>	<b>SAJOMON MATHEW</b>		
<b>2.</b>	<b>Designation</b>	<b>Assistant Professor</b>		
<b>3.</b>	<b>Qualification</b>	<b>Phd</b>	-	-
		<b>M.Tech</b>	Thermal Engineering	CUSAT
		<b>B.Tech</b>	Mechanical Engineering	MG University
<b>4.</b>	<b>Experience (in ye ars)</b>	<b>Academic</b>	1	
		<b>Research</b>	-	
		<b>Industry</b>	-	
		<b>Others</b>	-	
<b>5.</b>	<b>Research Inte rests</b>	1. ThermalEngineering 2. Heat and MassTransfer		
<b>6.</b>	<b>Subjects Handle d</b>	1. Dynamics ofMachinery 2. Mechanics ofMachinery 3. IC Engine Systems and PerformanceAnalysis 4. EngineeringGraphics		
<b>7.</b>	<b>Guideship</b>	<b>M.Tech</b>	<b>Comple ted</b>	-
			<b>Ongoing</b>	-
		<b>B.Tech</b>	<b>Comple ted</b>	-
			<b>Ongoing</b>	5
<b>8.</b>	<b>Publications</b>			
<b>9.</b>	<b>Positions Held</b>			
<b>10.</b>	<b>Other Responsibilities (Current)</b>			
<b>11.</b>	<b>Co-curricular</b>			
<b>12.</b>	<b>Professional Body Membe rs hip</b>			
<b>13.</b>	<b>Address for Communication</b>	<b>Off.</b>	Department of Mechanical Engineering, College of Engineering, Adoor, Manakkala – 691551 Pathanamthitta District, Kerala,India	
		<b>Res.</b>	THATTAMPARAMBIL Velloor P.O. Kottayam - 686501	
<b>14.</b>	<b>Email ID</b>	zajo.sajo@gma il.com		
<b>15.</b>	<b>Contact Numbe r</b>	( +91) 7736701738		

**Department of Mechanical Engineering – Personal Details of Faculty**


<b>1.</b>	<b>Name</b>	<b>ANOOP R</b>			
<b>2.</b>	<b>Designation</b>	<b>Assistant Professor</b>			
<b>3.</b>	<b>Qualification</b>	<b>Phd</b>	-	-	
		<b>M.Tech</b>	CASAD	CUSAT	
		<b>B.Tech</b>	Mechanical	Anna university	
<b>4.</b>	<b>Experience (in ye ars)</b>	<b>Academic</b>	2 years and 5 months		
		<b>Research</b>	-		
		<b>Industry</b>	-		
		<b>Others</b>	-		
<b>5.</b>	<b>Research Inte rests</b>	1. CompositeMaterials 2. FEM			
<b>6.</b>	<b>Subjects Handle d</b>	1. Thermodynamics 2. Fluidmechanics 3. Material sciences andEngineering			
<b>7.</b>	<b>Guideship</b>	<b>M.Tech</b>	<b>Comple ted</b>	-	
			<b>Ongoing</b>	-	
		<b>B.Tech</b>	<b>Comple ted</b>	-	
			<b>Ongoing</b>	-	
<b>8.</b>	<b>Publications</b>				
<b>9.</b>	<b>Positions Held</b>				
<b>10.</b>	<b>Other Responsibilities (Current)</b>				
<b>11.</b>	<b>Co-curricular</b>				
<b>12.</b>	<b>Professional Body Membe rs hip</b>				
<b>13.</b>	<b>Address for Communication</b>	<b>Off.</b>	Department of Mechanical Engineering, College of Engineering, Adoor, Manakkala - 691551 Pathanamthitta District, Kerala,India		
		<b>Res.</b>	Anoop R Indira Bhavanam Thodiyoor n P.O., Thodiyoor , Karunagappally, Kollam District, Kerala, India		
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**Department of Mechanical Engineering – Personal Details of Faculty**


1.	<b>Name</b>	<b>MANURAJ R</b>		
2.	<b>Designation</b>	<b>Assistant Professor</b>		
3.	<b>Qualification</b>	<b>Phd</b>	-	-
		<b>M.Tech</b>	Thermal and Fluids	Amrita Vishwa Vidyapeetham
		<b>B.Tech</b>	Mechanical Engineering	University of Calicut
4.	<b>Experience (in ye ars)</b>	<b>Academic</b>	5 months	
		<b>Research</b>	2 years	
		<b>Industry</b>		
		<b>Others</b>		
5.	<b>Research Interests</b>	1. CFD 2. Fluid dynamics		
6.	<b>Subjects Handle d</b>	1. Thermodynamics 2. Mechanics of solids		
7.	<b>Guideship</b>	<b>M.Tech</b>	<b>Comple ted</b>	-
			<b>Ongoing</b>	-
		<b>B.Tech</b>	<b>Comple ted</b>	-
			<b>Ongoing</b>	-
8.	<b>Publications</b>	MFP, IIT Kanpur 2014		
9.	<b>Positions Held</b>			
10.	<b>Other Responsibilities (Current)</b>			
11.	<b>Co-curricular</b>			
12.	<b>Professional Body Membe rs hip</b>			
13.	<b>Address for Communication</b>	<b>Off.</b>	Department of Mechanical Engineering, College of Engineering, Adoor, Manakkala - 691551 Pathanamthitta District, Kerala, India	
		<b>Res.</b>		
14.	<b>Email ID</b>	manuraj1989@gmail.com		
15.	<b>Contact Numbe r</b>	(+91) 7736602778		




**Department of Electrical Engineering – Personal Details of Faculty**

<b>1.</b>	<b>Name</b>	<b>Dr.SREEJA P</b>			
<b>2.</b>	<b>Designation</b>	<b>Associate Professor</b>			
<b>3.</b>	<b>Qualification</b>	<b>Phd</b>	Electric Drives & Control		
		<b>M.Tech</b>	Power Electronics	NIT Calicut	
		<b>B.Tech</b>	Electrical and Electronics Engg.	Kerala University	
<b>4.</b>	<b>Experience</b>	<b>Academic</b>	21years		
		<b>Research</b>			
		<b>Industry</b>			
		<b>Others</b>			
<b>5.</b>	<b>Research Interests</b>	1. Power Electronics, 2. Image Processing and Machine Learning			
<b>6.</b>	<b>Subjects Handled</b>	1. Introduction to ElectricalEngineering 2. ElectricalMachines 3. PowerElectronics 4. NetworkTheory 5. ControlSystems			
<b>7.</b>	<b>Guideship</b>	<b>M.Tech</b>	<b>Completed</b>	Nil	
			<b>Ongoing</b>	Nil	
		<b>B.Tech</b>	<b>Completed</b>	2	
			<b>Ongoing</b>	1	
<b>PhD</b>	<b>Completed</b>	Nil			
	<b>Ongoing</b>	Nil			
<b>8.</b>	<b>Address for Communication</b>	<b>Off.</b>	Department of Electrical Engineering College of Engineering Adoor Manakkala P. O. Adoor – 691551 Pathanamthitta District Kerala, India		
		<b>Res.</b>	SREEPRABHA Panmana P.O. KOLLAM 691583		
<b>9.</b>	<b>Email ID</b>	sreejayakumar@gmail.com			
<b>10.</b>	<b>Contact Number</b>	9497358915			


**Department of Electrical Engineering – Personal Details of Faculty**

<b>1.</b>	<b>Name</b>	<b>RENJITH KUMAR D</b>		
<b>2.</b>	<b>Designation</b>	<b>Assistant Professor</b>		
<b>3.</b>	<b>Qualification</b>	<b>Phd</b>	Nil	
		<b>M.Tech</b>	Power Electronics NIT Calicut	
		<b>B.Tech</b>	Electrical and Electronics Engg. Kerala University	
<b>4.</b>	<b>Experience</b>	<b>Academic</b>	16 years	
		<b>Research</b>	Nil	
		<b>Industry</b>	2 years	
		<b>Others</b>		
<b>5.</b>	<b>Research Interests</b>	1.Power Electronics Devices and Converters 2.Renewable Energy Sources 3.Energy Conservation and Management		
<b>6.</b>	<b>Subjects Handled</b>	6. Introduction to ElectricalEngineering 7. ElectricalMachines 8. PowerElectronics 9. NetworkTheory 10. ControlSystems		
<b>7.</b>	<b>Guideship</b>	<b>M.Tech</b>	<b>Completed</b>	Nil
			<b>Ongoing</b>	Nil
		<b>B.Tech</b>	<b>Completed</b>	2
			<b>Ongoing</b>	1
<b>PhD</b>	<b>Completed</b>	Nil		
	<b>Ongoing</b>	Nil		
<b>8.</b>	<b>Address for Communication</b>	<b>Off.</b>	Department of Electrical Engineering College of Engineering Adoor Manakkala P. O. Adoor – 691551 Pathanamthitta District Kerala, India	
		<b>Res.</b>	Vazhavila Thekethil Ampalakara P O Valakom - 691532 Kollam (dt)	
<b>9.</b>	<b>Email ID</b>	renjithkumarcea@gmail.com		
<b>10.</b>	<b>Contact Number</b>	9495052401		

**Department of Electrical Engineering – Personal Details of Faculty**

<b>1.</b>	<b>Name</b>	<b>JAIN GEORGE</b>		
<b>2.</b>	<b>Designation</b>	<b>Assistant Professor</b>		
<b>3.</b>	<b>Qualification</b>	<b>Phd</b>		
		<b>M.Tech</b>	POWER SYSTEMS	NIT Calicut
		<b>B.Tech</b>	Electrical and Electronics Engg.	
<b>4.</b>	<b>Experience</b>	<b>Academic</b>	9	
		<b>Research</b>		
		<b>Industry</b>		
		<b>Others</b>		
<b>5.</b>	<b>Research Interests</b>	<ol style="list-style-type: none"> <li>1. Power system simulations,</li> <li>2. MAT lab,</li> <li>3. Power system Analysis</li> </ol>		
<b>6.</b>	<b>Subjects Handled</b>	<ol style="list-style-type: none"> <li>11. Introduction to ElectricalEngineering</li> <li>12. ElectricalMachines</li> <li>13. PowerElectronics</li> <li>14. NetworkTheory</li> <li>15. ControlSystems</li> </ol>		
<b>7.</b>	<b>Guideship</b>	<b>M.Tech</b>	<b>Completed</b>	Nil
			<b>Ongoing</b>	Nil
		<b>B.Tech</b>	<b>Completed</b>	2
			<b>Ongoing</b>	1
<b>PhD</b>	<b>Completed</b>	Nil		
	<b>Ongoing</b>	Nil		
<b>8.</b>	<b>Address for Communication</b>	<b>Off.</b>	Department of Electrical Engineering College of Engineering Adoor Manakkala P. O. Adoor – 691551 Pathanamthitta District Kerala, India	
		<b>Res.</b>	PANAVILA VEEDU CHENCAMANADU 691557 KOLLAM	
<b>9.</b>	<b>Email ID</b>	jaingeorge81@gmail.com		
<b>10.</b>	<b>Contact Number</b>	9995041940		


**Department of Electrical Engineering – Personal Details of Faculty**

<b>1. Name</b>	ARYA A P		
<b>2. Designation</b>	Assistant Professor		
<b>3. Qualification</b>	<b>Phd</b>	Nil	
	<b>M.Tech</b>	POWER & ENERGY	AMRITA VISHWAVIDYAPEETHAM UNIVERSITY
	<b>B.Tech</b>	EEE	KERALA UNIVERSITY
<b>4. Experience</b>	<b>Academic</b>	2 YEARS	
	<b>Research</b>	Nil	
	<b>Industry</b>	Nil	
	<b>Others</b>		
<b>5. Research Interests</b>	1. Renewable Energy 2. Power Electronics		
<b>6. Subjects Handled</b>	1. Design Estimation and Costing 2. Microprocessor Based System 3. Non Conventional and Renewable Energy 4. Analog Communication		
<b>7. Guideship</b>	<b>M.Tech</b>	<b>Completed</b>	Nil
		<b>Ongoing</b>	Nil
	<b>B.Tech</b>	<b>Completed</b>	Nil
		<b>Ongoing</b>	1
	<b>PhD</b>	<b>Completed</b>	Nil
<b>Ongoing</b>		Nil	
<b>8. Address for Communication</b>	<b>Off.</b>	Department of Electrical Engineering, College of Engineering, Adoor, Manakkala – 691551 Pathanamthitta District, Kerala, India	
	<b>Res.</b>	SREECHITHIRA KAREELAKULANGARA P O MALAMELBHAGOM KAYAMKULAM ALAPPUZHA 690572	
<b>9. Email ID</b>	<a href="mailto:arya.ap11@gmail.com">arya.ap11@gmail.com</a>		
<b>10. Contact Number</b>	9446253547		

**Department of Computer Science Engineering – Personal Details of Faculty**

<b>1.</b>	<b>Name</b>	<b>SHIBU J</b>		
<b>2.</b>	<b>Designation</b>	<b>Associate Professor</b>		
<b>3.</b>	<b>Qualification</b>	<b>Phd</b>		
		<b>M.Tech</b>	SOFTWARE ENGINEERING	
		<b>B.Tech</b>	Computer science and Engineering	
<b>4.</b>	<b>Experience</b>	<b>Academic</b>	20	
		<b>Research</b>		
		<b>Industry</b>		
		<b>Others</b>		
<b>5.</b>	<b>Research Interests</b>	1.		
<b>6.</b>	<b>Subjects Handled</b>	1		
<b>7.</b>	<b>Guideship</b>	<b>M.Tech</b>	<b>Completed</b>	
			<b>Ongoing</b>	
		<b>B.Tech</b>	<b>Completed</b>	50
			<b>Ongoing</b>	
<b>PhD</b>	<b>Completed</b>			
	<b>Ongoing</b>			
<b>8.</b>	<b>Address for Communication</b>	<b>Off.</b>	Department of Computer Science and Engineering College of Engineering, Adoor, Manakkala – 691551 Pathanamthitta District, Kerala, India	
		<b>Res.</b>	J R BHAVAN, EDAKKIDAM, EZHUKONE-691505	
<b>9.</b>	<b>Email ID</b>	shibu.ihrd@gmail.com		
<b>10.</b>	<b>Contact Number</b>	9745734139		

**Department of Computer Science Engineering – Personal Details of Faculty**


<b>1.</b>	<b>Name</b>	<b>AJEESH S</b>		
<b>2.</b>	<b>Designation</b>	<b>Assistant Professor</b>		
<b>3.</b>	<b>Qualification</b>	<b>Phd</b>		
		<b>M.Tech</b>	Network Engineering	KTU
		<b>B.Tech</b>	Computer science and Engineering	MG University
<b>4.</b>	<b>Experience</b>	<b>Academic</b>	11	
		<b>Industry</b>	1	
		<b>Others</b>		
<b>5.</b>	<b>Research Interests</b>	1.Embedded system, 2.Networking		
<b>6.</b>	<b>Subjects Handled</b>	1.C, OOPs,Python 2.Data Structures 3.Embedded System		
<b>7.</b>	<b>Guideship</b>	<b>M.Tech</b>	<b>Completed</b>	
			<b>Ongoing</b>	
		<b>B.Tech</b>	<b>Completed</b>	50
			<b>Ongoing</b>	2
<b>PhD</b>	<b>Completed</b>			
	<b>Ongoing</b>			
<b>8.</b>	<b>Address for Communication</b>	<b>Off.</b>	Department of Computer Science and Engineering College of Engineering, Adoor, Manakkala – 691551 Pathanamthitta District, Kerala, India	
		<b>Res.</b>	SREENILAYAM PUNTHALATHAZHAM NAGAR -17 KILIKOLLOOR PO KOLLAM 691004	
<b>9.</b>	<b>Email ID</b>	ajeeshs@cea.ac.in		
<b>10.</b>	<b>Contact Number</b>	9995670738		

**Department of Computer Science Engineering – Personal Details of Faculty**


<b>1.</b>	<b>Name</b>	<b>GIRIJA V R</b>		
<b>2.</b>	<b>Designation</b>	<b>Assistant Professor</b>		
<b>3.</b>	<b>Qualification</b>	<b>Phd</b>		
		<b>M.Tech</b>	Digital Image Computing	Kerala
		<b>B.Tech</b>	Computer Science and Engineering	Calicut
<b>4.</b>	<b>Experience</b>	<b>Academic</b>	17	
		<b>Research</b>		
		<b>Industry</b>		
		<b>Others</b>		
<b>5.</b>	<b>Research Interests</b>	1.Natural LanguageProcessing 2. 3. 4.		
<b>6.</b>	<b>Subjects Handled</b>	1.Computer Architecture and Organization 2.System Programming 3.C Programming 4Operating Systems		
<b>7.</b>	<b>Guideship</b>	<b>M.Tech</b>	<b>Completed</b>	
			<b>Ongoing</b>	
		<b>B.Tech</b>	<b>Completed</b>	50
			<b>Ongoing</b>	
<b>PhD</b>	<b>Completed</b>			
	<b>Ongoing</b>			
<b>8.</b>	<b>Address for Communication</b>	<b>Off.</b>	Department of Computer Science and Engineering College of Engineering, Adoor, Manakkala – 691551 Pathanamthitta District, Kerala, India	
		<b>Res.</b>		
<b>9.</b>	<b>Email ID</b>	Girijavr1@gmail.com		
<b>10.</b>	<b>Contact Number</b>			




**Department of Computer Science Engineering – Personal Details of Faculty**

<b>1. Name</b>	JAYARAM K		
<b>2. Designation</b>	<b>Assistant Professor</b>		
<b>3. Qualification</b>	<b>Phd</b>		
	<b>M.Tech</b>	Computer Science and Engineering	Anna University
	<b>B.Tech</b>	Computer Science and Engineering	CUSAT
<b>4. Experience</b>	<b>Academic</b>		8
	<b>Research</b>		0
	<b>Industry</b>		0
	<b>Others</b>		0
<b>5. Research Interests</b>	1. Computer NetworkSecurity 2. AutomataTheory 3. Computer Algorithms 4.		
<b>6. Subjects Handled</b>	1. Automata Languages &Computation 2. Advanced ComputerNetworks 3. Object Oriented Programming 4.		
<b>7. Guideship</b>	<b>M.Tech</b>	<b>Completed</b>	
		<b>Ongoing</b>	
	<b>B.Tech</b>	<b>Completed</b>	
		<b>Ongoing</b>	
<b>PhD</b>	<b>Completed</b>		
	<b>Ongoing</b>		
<b>8. Address for Communication</b>	<b>Off.</b>	Department of Computer Science & Engineering, College of Engineering,Adoor, Manakkala – 691551 Pathanamthitta District, Kerala,India	
	<b>Res.</b>	Suvi Villa Manakkala PO Adoor Pathanamthitta Dist Pincode: 691551	
<b>9. Email ID</b>	jayaramk@cea.ac.in		
<b>10. Contact Number</b>	(+91)9946091425		


**Department of ELECTRONICS AND COMMUNICATION Engineering – Personal  
Details of Faculty**

<b>1.</b>	<b>Name</b>	<b>PREETHIMOL SILASTIN</b>		
<b>2.</b>	<b>Designation</b>	<b>Assistant Professor in Electronics Engineering</b>		
<b>3.</b>	<b>Qualification</b>	<b>Phd</b>		
		<b>M.Tech</b>	Microwave and Elevation	Kerala University
		<b>B.Tech</b>	Electronics and Communication	Kannur University
<b>4.</b>	<b>Experience</b>	<b>Academic</b>	11 YEARS	
		<b>Research</b>	Nil	
		<b>Industry</b>	Nil	
		<b>Others</b>	Nil	
<b>5.</b>	<b>Research Interests</b>	1.Communication Engineering 2. 3. 4.		
<b>6.</b>	<b>Subjects Handled</b>	1.Digital Communication 2.Microprocessor 3.Wireless Communication		
<b>7.</b>	<b>Guideship</b>	<b>M.Tech</b>	<b>Completed</b>	Nil
			<b>Ongoing</b>	Nil
		<b>B.Tech</b>	<b>Completed</b>	10
			<b>Ongoing</b>	Nil
		<b>PhD</b>	<b>Completed</b>	Nil
			<b>Ongoing</b>	Nil
<b>8.</b>	<b>Address for Communication</b>	<b>Off.</b>	<b>Assistant Professor in Electronics Engineering</b> DEPT OF ECE College of Engineering Adoor Manakkala p. o – 691551 Pathanamthitta District, Kerala, India	
		<b>Res.</b>	Mathamvila puthenvedu Koduvila p o East kallada Kollam Pincode691502	
<b>9.</b>	<b>Email ID</b>	preethimol_s@yahoo.c		
<b>10.</b>	<b>Contact Number</b>	(91)9946717934		


**Department of ELECTRONICS AND COMMUNICATION Engineering – Personal  
Details of Faculty**

<b>1.</b>	<b>Name</b>	<b>HARIKUMAR T</b> 		
<b>2.</b>	<b>Designation</b>	<b>Assistant Professor</b>		
<b>3.</b>	<b>Qualification</b>	<b>Phd</b>		
		<b>M.Tech</b>	COMMUNICATION ENGINEERING	
		<b>B.Tech</b>	ECE	CUSAT
<b>4.</b>	<b>Experience</b>	<b>Academic</b>	11 YEARSs	
		<b>Research</b>		
		<b>Industry</b>		
		<b>Others</b>		
<b>5.</b>	<b>Research Interests</b>	1. Digital Communication , 2. OFDM		
<b>6.</b>	<b>Subjects Handled</b>	1.COMMN ENGGIII 2.ANTENNAS ANDPROPAGATION 3.SOLID STATEELECTRONICS		
<b>7.</b>	<b>Guideship</b>	<b>M.Tech</b>	<b>Completed</b>	
			<b>Ongoing</b>	
		<b>B.Tech</b>	<b>Completed</b>	10
			<b>Ongoing</b>	2
		<b>PhD</b>	<b>Completed</b>	
			<b>Ongoing</b>	
<b>8.</b>	<b>Address for Communication</b>	<b>Off.</b>	ASST PROF,DEPT OF ECE College of Engineering, Adoor, Manakkala – 691551 Pathanamthitta District, Kerala,India	
		<b>Res.</b>	THERVALLIL KONNAMANKARA ADOOR .P.O PATHANAMTHITTA-691523	
<b>9.</b>	<b>Email ID</b>	<a href="mailto:harikumart@cea.ac.in">harikumart@cea.ac.in</a>		
<b>10.</b>	<b>Contact Number</b>	(91)9447112882		


**Department of ELECTRONICS AND COMMUNICATION Engineering – Personal  
Details of Faculty**

<b>1.</b>	<b>Name</b>	<b>GIRIJA M G</b>		
<b>2.</b>	<b>Designation</b>	<b>Assistant Professor</b>		
<b>3.</b>	<b>Qualification</b>	<b>Phd</b>		
		<b>M.Tech</b>	SIGNAL PROCESSING	
		<b>B.Tech</b>	ELECTRONICS & COMMUNICATION ENGINEERING	
<b>4.</b>	<b>Experience</b>	<b>Academic</b>	14YEARS	
		<b>Research</b>		
		<b>Industry</b>		
		<b>Others</b>		
<b>5.</b>	<b>Research Interests</b>	1. Image Processing 2. SIGNAL PROCESSING 3. 4.		
<b>6.</b>	<b>Subjects Handled</b>	1. DIGITAL SYSTEM DESIGN 2. EMBEDDED SYSTEM 3. MICROPROCESSORS 4		
<b>7.</b>	<b>Guideship</b>	<b>M.Tech</b>	<b>Completed</b>	
			<b>Ongoing</b>	
		<b>B.Tech</b>	<b>Completed</b>	12
			<b>Ongoing</b>	2
		<b>PhD</b>	<b>Completed</b>	
			<b>Ongoing</b>	
<b>8.</b>	<b>Address for Communication</b>	<b>Off.</b>	Department of Electronics & communication Engineering, College of Engineering, Adoor, Manakkala – 691551 Pathanamthitta District, Kerala, India	
		<b>Res.</b>	GOKULAM IMALI MEKKU OMALLUR P O PATHANAMTHITTA	
<b>9.</b>	<b>Email ID</b>	<a href="mailto:girijaajith@cea.ac.in">girijaajith@cea.ac.in</a>		
<b>10.</b>	<b>Contact Number</b>	(+91)9847889981		

**Department of ELECTRONICS AND COMMUNICATION Engineering – Personal  
Details of Faculty**

<b>1.</b>	<b>Name</b>	DEEPA T R 		
<b>2.</b>	<b>Designation</b>	Assistant Professor		
<b>3.</b>	<b>Qualification</b>	<b>Phd</b>		
		<b>M.Tech</b>	VLSI AND EMBEDDED SYSTEMS	
		<b>B.Tech</b>	ELECTRONICS & COMMUNICATION ENGG	
<b>4.</b>	<b>Experience</b>	<b>Academic</b>	11 Years	
		<b>Research</b>		
		<b>Industry</b>		
		<b>Others</b>		
<b>5.</b>	<b>Research Interests</b>	1. VLSI, 2. Embedded System, 3. Robotics		
<b>6.</b>	<b>Subjects Handled</b>	1. VLSI, 2. Embedded System, 3. Robotics 4. Control system		
<b>7.</b>	<b>Guideship</b>	<b>M.Tech</b>	<b>Completed</b>	
			<b>Ongoing</b>	
		<b>B.Tech</b>	<b>Completed</b>	
			<b>Ongoing</b>	
		<b>PhD</b>	<b>Completed</b>	
			<b>Ongoing</b>	
<b>8.</b>	<b>Address for Communication</b>	<b>Off.</b>	Department of Electronics & communication Engineering, College of Engineering, Adoor, Manakkala – 691551 Pathanamthitta District, Kerala, India	
		<b>Res.</b>	SANTHA NIVAS MUNDAKKAL EAST KOLLAM 691001	
<b>9.</b>	<b>Email ID</b>	deepatr@cea.ac.in		
<b>10.</b>	<b>Contact Number</b>	9447084806		

**Department of Applied Science- Personal Details of Faculty**

1.	Name	Dr.AJITHA P S		
2.	Designation	Associate Professor		
3.	Qualification	Phd.	Mathematics	
		M.Phil	Mathematics	
		M.Sc	Mathematics	
4.	Experience	Academic	24 years	
		Research		
		Industry		
		Others		
5.	Research Interests	<ol style="list-style-type: none"> <li>1. Linear Algebra,</li> <li>2. Graph Theory,</li> <li>3. Membrane Computing.</li> </ol>		
6.	Subjects Handled	<ol style="list-style-type: none"> <li>1.1501 Engineering Mathematics IV</li> <li>2.MA101 CALCULUS</li> <li>3.</li> <li>4</li> </ol>		
7.	Guideship	M.Tech	Completed	
			Ongoing	
		B.Tech	Completed	
			Ongoing	
		PhD	Completed	
			Ongoing	
8.	Address for Communication	Off.	Department of Applied Science College of Engineering, Adoor, Manakkala – 691551 Pathanamthitta District, Kerala, India	
		Res.	PARVATHIMANDIRAM, Kottarakkara, kollam 691004	
9.	Email ID	psajithamurali@gmail.com		
10.	Contact Number	9809852453		

# **APPENDIX-II**

## 2018 Admission --Rank Details

Category		Electronics And Communication	Computer Science And Engineering	Mechanical Engineering	Electrical and Electronics Engg
Open	Free Ship (SM)	43205	19961	24082	45039
Merit	Full Fee (MG)	44054	45354	46383	
BH	SM		39905	35426	
	MG				
EZ	SM		27479	29405	
	MG				
LC	SM		22462	29498	
	MG	.....	.....	.....	.....
MU	SM		20082	26856	
	MG				
BX	SM		-----	38074	-----
	MG	-----	-----	-----	-----
SC	SM		46318 -	40831	
ST	SM	-----	-----	-----	-----
KU	SM		-----	43608	-----
XS	SM	-----	-----	-----	-----



## 2019 Admission --Rank Details

Category		Electronics And Communication	Computer Science And Engineering	Mechanical Engineering	Electrical and Electronics Engg
Open	Free Ship (SM)	35958	17212	8435	21427
Merit	Full Fee (MG)	54496	44427	20563	53815
BH	SM	-----	44812	17307	-----
	MG	.....	.....	.....	.....
EZ	SM	49330	17878	10986	32223
	MG	-----	.....	-----	-----
LA	SM	-----	25513	13846	-----
	MG	.....	.....	.....	.....
MU	SM	42055	20144	16977	35191
	MG	-----	-----	-----	-----
BX	SM	-----	-----	-----	35046
	MG	-----	-----	-----	-----
VK	SM	-----	-----	8795	48060
	MG	-----	-----	-----	-----
SC	SM	50277	45465	44924	52688
ST	SM	-----	-----	-----	-----
KU	SM	-----	-----	43608	-----
KN	SM	-----	-----	24993	-----
XS	SM	-----	-----	-----	-----

## 2020 Admission --Rank Details

Category		Electronics And Communication	Computer Science And Engineering	Mechanical Engineering	Electrical and Electronics Engg
Open Merit	Free Ship (SM)	25004	16560	9752	19401
	Full Fee (MG)	45789	50264	23530	48943
BH	SM	37084	29898	13738	22119
	MG	-----	-----	15745	34480
EZ	SM	52701	21098	12680	25146
	MG	-----	-----	26161	-----
LA	SM	43650	36595	34797	28926
	MG	-----	-----	-----	-----
MU	SM	44825	26058	12768	25273
	MG	42717	44433	18701	-----
BX	SM	38952	27511	-----	32333
	MG	-----	-----	-----	-----
VK	SM	29173	-----	11802	19606
	MG	-----	25596	26115	-----
SC	SM	53030	51433	39068	54292
ST	SM	-----	-----	-----	-----
KU	SM	38188	-----	-----	-----
KN	SM	-----	-----	-----	-----
DV	SM	46802	-----	47109	-----
XS	SM	22252	-----	-----	-----

# **APPENDIX-III**

**Annual Fee details Of Students Admitted During 2018-2019**

SL.No	Category	Free Ship(50%)	Full Fee(35%)	Institutional (15%)
1	Admission Fee	500/-	500/-	500/-
2	Tuition Fee	35000/-	65000/-	100000/-
3	<b>University Fee</b>			
	Affiliation Fee	3500/-	3500/-	3500/-
	Union Fee	350/-	350/-	350/-
	Matriculation Fee	150/-	150/-	150/-
	Quasi Fee	150/-	150/-	150/-
	Sports Fee	200/-	200/-	200/-
4	<b>Others</b>			
	Special FeeCaution	-----	-----	-----
	Caution Deposit(Refundable)	5000/-	5000/-	5000/-
	RefundableDeposit	-----	-----	125000/-

**Annual Fee details Of Students Admitted During 2019-2020**

SL.No	Category	Free Ship(50%)	Full Fee(35%)	Institutional (15%)
1	Admission Fee	500/-	500/-	500/-
2	Tuition Fee	35000/-	65000/-	100000/-
3	<b>University Fee</b>			
	Affiliation Fee	3840/-	3840/-	3840/-
	Student Administration Fee	1000/-	1000/-	1000/-
4	<b>Others</b>			
	Special FeeCaution	-----	-----	-----
	Caution Deposit(Refundable)	5000/-	5000/-	5000/-
	RefundableDeposit	-----	-----	125000/-

**Annual Fee details Of Students Admitted During 2020-2021**

SL.No	Category	Free Ship(50%)	Full Fee(35%)	Institutional (15%)
1	Admission Fee	500/-	500/-	500/-
2	Tuition Fee	35000/-	65000/-	100000/-
3	<b>University Fee</b>			
	Affiliation Fee	3840/-	3840/-	3840/-
	Student Administration Fee	1000/-	1000/-	1000/-
4	<b>Others</b>			
	Special FeeCaution	-----	-----	-----
	Caution Deposit(Refundable)	5000/-	5000/-	5000/-
	RefundableDeposit	-----	-----	125000/-

# **APPENDIX-IV**

# Laboratory Details

## Computer Science and Engineering



1. Computer fundamentalslab
2. Network and OSlab
3. MiniandMainProjectlab
4. Data structureslab
5. Computer graphicslab
6. Object Oriented programminglab.
7. Computer Programminglab
8. Systemprogramming&Hardwarelab
9. Language ProcessorsLab

**Important Facilities are**



## ADVANCED COMPUTER LAB (Network & OS lab, Data Structures lab, System programming lab)

### List of Equipments, Computers, Softwares, Printers

Sl.No	Name of Equipment	Major Specifications
1	Server System	Xeon2.8GHz,533MHzFSBDualprocessor,256MB DDRmemory,36.4GBultra320SCSIHDD
2	External Hard Disk	80 GB
3	UPS	i) 500VA ii) AE-TS 10000/240v
4	Laptop	i) AcerCorei3/2GBRAM/500GB ii) Acer 5025 ANWXM1/AMD,1.6 GHz,512 MB DDR2, 80GBHDD iii) HP6710b,Core2Duo,1GBRAM
5	Printer	i) LaserJet1020 ii) LaserJet3052 iii) LasrJet1005 iv) THOSHIBA eSTUDIO – 18 (ThreeinOne)
6	LCD projector	PTLB51B
7	Computer system	i) Corei7/37702/2x4GBRAM/1TB ii) Corei3/3240/4GBRAM/500GB iii) AMDAthlon64x23800+512x2RAM, 80GB,72000RPM iv) HPCore2Duo,2.13GHz/E6420,160GB/DVDRW
8	Ethernet converter	1000/SA/SC/SM10/AC
9	Router	WRT320N(PP0E dialer and GE Electrical port)
10	Switch	i) Dx5026 mgv-24port 10/100. ii) Layer2 managed stackable switch
11	Software	i) Symatic AntiVirusver10 ii) Oracle10G-1forWindows2003server iii) MSDNAcademicAlliance7.0 iv) Windows7

## PROJECT LAB

(LanguageProcessorslab,C  
omputer Graphics lab,  
MiniandMainProjectlab)

### List of Equipments, Computers, Software's, Printers

Sl.No	Name of Equipment	Major Specifications
1	Server System	i) XeonE5,8GBRAM,3X1TBHDD ii) Xeon 2.8 GHz,533MHz FSB Dual processor, 256MBDDRmemory,36.4GBultra320SCSIHDD
2	ExternalHardDisk	80 GB
3	UPS	i) 500VA ii) AE-TS 10000/240v
4	Laptop	i) AcerCorei3/2GBRAM/500GB ii) Acer 5025 ANWXM1/AMD,1.6 GHz,512 MB DDR2, 80GHDD iii) HP6710b,Core2Duo,1GBRAM
5	Printer	i) Samsung colorprinter ii) LaserJet1020 iii) LaserJet3052 iv) LaserJet
6	LCD projector	i) PTLB51B ii)Epson Projector
7	Computer system	i) Corei7/37702/2x4GBRAM/1TB ii) Corei3/3240/4GBRAM/500GB iii) AMD Athlon 64x2 3800+512x2 RAM,80GB 72000RPM iv) HPCore2Duo,2.13GHz/E6420,160GB/DVDRW
8	Ethernet converter	1000/SA/SC/SM10/AC
9	Router	WRT320N(PP0E dialer and GE Electrical port)
10	Switch	i) Dx5026 mgv-24port 10/100. ii) Layer2 managed stackable switch
11	Software	i) Symatic AntiVirusver10 ii) Oracle10G-1forWindows2003server iii) Windows7

## Programming Lab

(Language lab, C programming, Python, OOPS lab)

### List of Equipments, Computers, Softwares, Printers

Sl.No	Name of Equipment	Major Specifications
1	Printer	i) LaserJet1020 ii) Canon LBP 2900BLaserJet
2	Computer system	i) Corei7/37702/2x4GBRAM/1TB ii) Corei3/3240/4GBRAM/500GB
3	Router	i)CISCOLINKSYSE3200DualBandWirelessRouter ii)WRT320N(PP0EdialerandGEElectricalport)
4	Switch	i) Dx5026 mgv-24port 10/100. ii) Layer2 managed stackable switch
5	Software	i) Symatic AntiVirusver10 ii) Oracle10G-1forWindows2003server iii) MSDNAcademicAlliance7.0 iv) Windows7
6	UPS	AE-TS 10000/240v

# **Electronics and Communication Engineering**



1. Basic ElectronicsLab
2. DSPLab
3. Micro processorlab
4. Advanced Micro ProcessorLab
5. Communication LabI
6. Communication LabII
7. ProjectLab
8. Circuits LabI
9. Circuits LabII
10. Mini ProjectLab

**Important Facilities are**

**MINI PROJECT LAB**

<b>Sl.No</b>	<b>Name of equipment</b>	<b>Specifications</b>
1	DIGITAL STORAGE OSCILLOSCOPE	Tektronix, TDS1012B - 100MHz
2	CRO	SCIENTECH - 8030 - 20MHz, Dual trace, 4 channel
3	Decade induction box	DIB - 401
4	Decade condensor box	DCB - 310
5	MULTIFUNCTION PRINTER	HPLJ 1005
6	DC Power supply	0-15V Variable power supply
7	online UPS	5KVA
8	Programmable Function Generator	Agilent- 20MHz
9	Desktop Computer	Acer with 24" monitor
10	Programmable Logic Controller	PLC with demonstrator - VPLCT - 03S PLC real time application trainer - VPAT-01 PLC Trainer lift control system - VPAT - 20
11	PCB fabrication Facility	PCB designer tool kit, Drilling machine, Eching machine, Artwork table. Shearing machine, Soldering iron - 25w, Soldering iron - 50w, Soldering iron - 100w, Temperature controlled soldering and desoldering station
12	Programmable Power Supply	Agilent - 0-15V
13	Universal Programmer	micro controller MCS - 51 - programmer - UNIPRO - 311U

**ELECTRONIC CIRCUITS LAB II**

<b>Sl.No</b>	<b>Name of equipment</b>	<b>Specifications</b>
1	Digital multimeter	3.5 digit autoranging
2	servo controlled voltage stabiliser	10KVA
3	Bread board	
4	CRO	20MHz dual trace
5	CRO	30MHz Dual channel
6	Dual power supply	0-30v,1A
7	Function generator	1MHz
8	UPS	3KVA
9	Function generator	3MHz
10	Digital Storage Oscilloscope	100MHz

**MICROPROCESSOR LAB**

<b>Sl.No</b>	<b>Name of equipment</b>	<b>Specifications</b>
1	8086 Microprocessor Kit	8086
2	8085 Microprocessor kit	8085
3	ADC	12 bit-8channels
4	ADC	8 bit -16 channel
5	EPROM Programmer	
6	EPROM Eraser	
7	ESA ICE -2 circuit Emulator	
8	Personal Computer + UPS	P IV
9	Universal Programmer	
10	Inkjet Printer	
11	UPS	3 KVA

## PROJECT LAB

Sl.No	Name of equipment	Specifications
1	Digital Storage Oscilloscope	100MHz,2 channel-Agilent DSO 1012A
2	Digital Storage Oscilloscope	100MHz,2 channel-Tektronix TDS 2012B
3	Digital Storage Oscilloscope	100MHz,4 channel-Agilent DSO X2014A
4	Spectrum Analyser	3GHz Spectrum Analyser-GWinstek GSP-830
5	Spectrum Analyser	9KHz-3GHz -Agilent N9000A CXA Signal Analyser
6	RF Signal Generator	9KHz-3GHz RF Signal Generator-Agilent N9310-A
7	PC based Oscilloscope	100MHz,200 MHz-Nov@Tek DSO 5200A
8	Programmable Function Generator	10MHz-Agilent-33552B
9	Programmable Function Generator	10MHz-Agilent 33210A
10	Desktop PC AMD	Acer Veriton
11	Desktop PC corei3	HP 3330MT
12	Desktop PC core i5	Acer Veriton M200-B76
13	Desktop PC -Dual core	HPCompaq 3090 MT
14	Server PC	Dell Power Edge R220
15	FPGA Trainer Module	Xilinx Spartan XCS3S400
16	PIC trainer kit	Microchip PIC 16F877A
17	RASPBERRY PI	P1/8GB with power supply,HDMI,VGA connectors
18	BEAGLE BONE BLACK	
19	Scanner	CANON LiDE120

## SOFTWARES

1	ORCAD &Pspice	
2	NI LABVIEW Academic bundle	
3	EDWINXP	

## ELECTRONICS WORKSHOP

Sl.No	Name of equipment	Specifications
1	Variable power supply	
2	Digital multimeter	
3	CRO analog	30mhz
4	Function Generator	

### BASIC ELECTRONIC LAB

Sl.No	Name of equipment	Specifications
1	Function generator	systronics
2	Analog Multimeter	
3	MilliAmmeter	
4	Micro Ammeter	
5	Power Supply	systronics
6	Bread board	
7	BNC to CROCODYL PROBE	
8	RHEOSTAT	
9	Function Generator	Aplab,scientific
10	CRO	20mhz scientific, aplab
11	DUAL OUTPUT POWER SUPPLY	
12	2channel 4 trace Oscilloscope	30mhz

### COMMUNICATION ENGINEERING LAB I&II

Sl no.	NAME OF EQUIPMENT	SPECIFICATION
1	CATHODE RAY OSCILLOSCOPE	20 MHz, Dual trace
		100 MHz, Dual trace
2	DIGITAL STORAGE OSCILLOSCOPE	200 MHz
		100 MHz, 2 channel
		100 MHz, 4 channel
3	FREQUENCY COUNTER	150MHz
		1.3GHz
4	DIGITAL MULTIMETER	
5	FUNCTION GENERATOR	1MHz
		3MHz
		20MHz
		25MHz
6	POWER SUPPLY	0-30V, 2A



7	MULTI OUTPUT POWER SUPPLY	0-30V/2A, 0-15V/1A
8	MULTI OUTPUT POWER SUPPLY	0-32V/3A,5V/2A
9	INDUCTANCE BOX	
10	LCR - Q BRIDGE	
11	ANALOG MODULATION KITS	AM,FM
12	RADIO DYNAMIC DEMONSTRATOR	
13	TV DYNAMIC DEMONSTRATOR	
14	DIGITAL COMMUNICATION TRAINER KITS	SAMPLING, PCM, BPSK,DPSK, QAM, DQAM, DELTA, DPCM
14	SINGLE PHASE SERVO STABILIZER	5KVA
15	PERSONAL COMPUTER	P4
16	DSP APPLICATION DEVELOPMENT SYSTEM	
17	DSP STARTER KIT	TMS 320C 6713
		TMS 320C 6416
18	PRINTER	EPSON
19	ONLINE UPS	3KVA
20	SCANNER	HP
21	ETHERNET SWITCH	16 PORT, 10/100 MBPS
22	COLOUR TV	SANSUI
23	VCR	SHARP
24	FIBER OPTIC TRAINER KIT	
25	MICROWAVE TEST BENCHES	KLYSTRON BASED
		GUNN BASED
26	ARBITRARY WAVEFORM GENERATOR	80MHz
27	PROGRAMMABLE FUNCTION GENERATOR	
28	NETWORK ANALYZER	.3GHz - 1.3 GHz
29	MATLAB	
30	MICROWAVE SIMULATION SOFTWARE	HFSS
<b>DSP LAB</b>		
<b>Sl.No</b>	<b>Name of equipment</b>	<b>Specification</b>
1	DSP TRAINER KIT(8)	TMS320C6416 FIXED POINT PROCESSOR
2	MATLAB SOFTWARE	R 2013 B

### Embedded systems Lab

<b>Sl.No</b>	<b>Name of equipment</b>	<b>Specifications</b>
1	Desktop PC core i5	Acer Veriton M200-B76
2	FPGA Development boards	Nexsys 3,Xilinx Spartan 6 boards
3	8051 microcontroller board	8051 boards with powersupply
4	8051 peripherals-ADC card	8051 Interfacing Cards
5	8051 peripherals-DAC card	8051 Interfacing Cards
6	8051 peripherals-I2C card	8051 Interfacing Cards
7	8051 peripherals-Temperature sensor card	8051 Interfacing Cards
8	8051 peripherals-keyboard/display card	8051 Interfacing Cards
9	8051 peripherals-Stepper motor driver card	8051 Interfacing Cards
<b>SOFTWARES</b>		
1	Xilinx ISE Design Suite Version 14.7	
2	Keil Software for microcontroller	

# Mechanical Engineering



1. Thermal Engineering Lab
2. Material Testing Lab
3. Fluid Mechanics Lab
4. Hydraulic Machines Lab
5. Heat and Mass Transfer Lab
6. CAD/CAM Lab
7. Metrology and Machine Tools Lab
8. Machine Shop-I
9. Machine Shop-II
10. Mechanical Workshop

**Important Facilities are**

## Thermal Engineering Lab

### List of Equipments

Sl No	Name of The Equipment
1	4Stroke4cylinderPetrolEngineTestRig
2	4Stroke4cylinderDieselEngineTestRig
3	Valve Timing Diagram Test Rig
4	Transmission Study Equipment
5	Rotary Air Compression Test Rig
6	Two Stage 3 HP Reciprocating Air Compressor
7	Spring Balance
8	Thermometer
9	TripleeFourStrokeDieselEngineTest Rig
10	Redwood Viscometer
11	Flash and Fire point Apparatus
12	Junkers Gas Calorimeter
13	A/C Test Rig
14	Synchronous Gear Box
15	Synchronous Gear Box
16	Disc Break system
17	Diaphragm clutch
18	Single Plate clutch
19	Centrifugal Clutch (HONDA)

## Material testing lab

### List of Equipments

SI No	NameofTheEquipment	Major Specification
1	Torsion Testing Machine	MAXTORQUE1-100Kg Range-00,50,25,10
2	Impact Testing Machine	IT - 30
3	Universal Testing Machine	0 - 400 KN
4	Hardness Tester	Model TRB - 250
5	Spring Testing Machine	0 - 5000 N

## Fluid Mechanics Lab

### List of Equipments

SI No	Name of The Equipment
1	Orifice apparatus
2	Mouthpiece apparatus
3	Pipe friction apparatus
4	Venturimeter and orificemeter apparatus
5	Flow nozzle
6	Apparatus for verifying Bernoulli's Theorem
7	Apparatus for determining the metacentric height
8	Robinson's Cup anemometer
9	Reynold's apparatus
10	Notches Apparatus

## Hydraulic Machines Lab

### List of Equipments

SI No	NameofTheEquipment
1	Impact of Jet apparatus
2	Francis turbine test rig
3	Kaplan turbine test rig
4	Peeton wheel test rig
5	Variable speed centrifugal pump test rig
6	Gear pump test rig
7	Jet pump test rig
8	Hydrolic ram test rig
9	Multistage centrifugal pump test rig
10	Single speed centrifugal pump test rig

## Heat and Mass Transfer lab

### List of Equipments

SI No	Name of The Equipment
1	TRIPPLEE Forced Convection Heat Transfer Trainer
2	Determination of thermal Conductivity Apparatus
3	Parallel Flow Counter Flow Heat Exchanger
4	Forced convection apparatus
5	Stephan –Boltzmen Apparatus
6	Critical Heat flux apparatus
7	Drop wise and film wise Condensation Apparatus
8	Shell and tube Heat exchanher
9	Boiling Heat Transfer
10	Unsteady heat apparatus

## CAD CAM Lab

### List of Equipments, Computers, Software's, Printers

SI No	Name of The Equipment	Major Specification
1	CNC Trainer	Train Master T-70
2	Robotic Arm	Falcon Make
3	Computers with latest Hardware's	P4-Intel,80GB HDD,1GB+ RAM
4	Softwares	
a	ANSYS	Multi Physics-11
b	CATIA	V51214
c	AUTOCAD	2010
d	NISA	Mechanical-5Users
e	PRIMAVERA	Suretrack
f	PRO E	Wildfive/CAD CAM

## Metrology and Machine tools lab

### List of Equipments

SI No	Name of The Equipment
1	Tool Makers Microscope
2	Ultrasonic Flaw Detector
3	Profile Projector
4	Depth Gauge
5	Height Gauge
6	Thermocouple Calibration test rig
7	Vernier Calipers
8	Micrometers
9	Slip Gauge
10	Sine Bars
11	Screw Pitch gauge witworth
12	Screw Pitch gauge Metric
13	Radius Gauge
14	Wire gauge

## **Machine shop-I**

### **List of Equipments**

SI No	Name of The Equipment
1	Lathe ( 10 Nos)

## **Machine shop-II**

### **List of Equipments**

SI No	Name of The Equipment
1	Shaping Machine
2	Planing Machine
3	Milling Machine
4	Cylindrical Grinding Machine
5	Drilling Machine
6	Slotting Machine(Measurement devices, Accessories not included)



# Mechanical Work Shop

## List of Equipments

Sl No	Name of The Equipment
1	Benchvice
2	File
3	Try Square
4	Surface Gauge
5	Chisel
6	Steel Rule
7	Hammer
8	Jenny Caliper
9	Shearing m/c
10	Micro meter
11	Bent Snip
12	Saw
13	Jack Plane
14	Mallet
15	Hack Saw Frame
16	Arc Welding Set
17	Electric Hand Drill with Stand
18	Pattern making Equipments
19	Carpenter's vice
20	C Clamp
21	C Clamp
22	Plier
23	Punch
24	Welder's Head Screen

# Electrical Engineering



1. Electrical machines Lab
2. Electrical workshop

**Important Facilities are**

## ELECTRICAL WORKSHOP

### List of Equipments

Sl.no	Name of Equipment/Tools
1	Combination Pliers.
2	Long Nose Pliers.
3	Line Tester
4	Ball peen hammer
5	Screw drivers
6	Standard wire gauge
7	Hack saw set
8	Steel rule
9	Screwdriver set
10	Claw hammer
11	Hand saw
12	Poker
13	Crimping tool
14	Chisel
15	Soldering iron and stand
16	Tweezers
17	De soldering pump

## ELECTRICAL MACHINES LAB

### List of Equipments/Computer/printers etc

Sl.No	Name of Equipment	Major Specifications
1	DC compound motor-DC compound generator	Motor-3.7kw,19.6A,220V Excitation-220V,.6A Gen-3.5KW,220V,15.9A Excitation-220V,.41A
2	DC compound motor-3 phase alternator set	Alternator j .qKVA, x6qV, q6Hz, tΦ Excitation-185Volt,2A
3	DC shunt motor DC shunt generator set	Motor-3.7kw,19.7A Excitation-220V,.85A Gen-3.5KW,220V Excitation-220V
4	DC compound motor	3.7kw,19.6A 220V Excitation-220V,.6A
5	DC shunt motor	3.5kw,18.6A,220V Excitation-220V,.85A
6	Slipring Induction motor (3 phase)	5.5kw,450V,11.7A,1440 rpm
7	3 phase squirrel cage Induction motor	3.7kw,415V,7.6A,1430rpm
8	Single phase Induction motor	1.1kw,220/230V,50Hz,8.8A,1430 rpm
9	Single phase Transformer	3KVA,110/220V,50Hz
10	3 phase transformer	5KVA,415/120V,(Y-Y)50Hz
11	Auto Transformer; 6Φ	15A,230/0-270V,50Hz
12	Auto Transformer; 6Φ	28A,230/0-270V,50Hz
13	Auto Transformer; tΦ	10A,415/0-470V,50Hz
14	Auto Transformer; tΦ	20A,415/0-470V,50Hz
15	Auto Transformer; 6Φ	4A,230/0-270V,50Hz
16	Loading Rheostat	5KW,220V
17	Loading Rheostat	3KW,220V
18	3 phase Rectifier	Input- 3 phase 415V,50Hz, Output-(200-250V)DC,100A
19	3 phase Diesel generator set (Air-cooled)	15KVA,415V,50Hz Excitation 67V,2A
20	Desktop PC	Pentium IV Dual core
21	Laser printer	Cannon LBP2900

## ADVANCED THERMAL LAB EQUIPMENTS

### 1. MUFFLE FURNACE

TEMP: 900 °C, 3.5 kW, 220/230 AC



### 2. HOT PLATE

TEMP:30-400°C



### 3. AUTOTRANSFORMER(0-220V)



#### 4. WEIGHINGMACHINE



#### 5. BALLMILL



#### 6. DATA LOGGER( 2 NO.S)



**7. THERMALIMAGER(2NO.S)  
RT – 150°C**



**8. BROOKFIELDVISCOMETER**

