Mandatory Disclosure

Mandatory Disclosure updated as on   30-01-2017

AICTE File No	F.No. South-West/1-3327018748/2017/EOA
Date & Period of last approval	30/3/2017,2 017-18

10. 2.

Name of the Institution	Rajagiri School of Engineering & Technology
Address of the Institution	Rajagiri School of Engineering & Technology, Rajagiri Valley, RajagiriValley P. O Kochi-39, Kerala.
City & Pin Code	Ernakulam, Pin-682 039
State / UT	Kerala State
Longitude & Latitude	Longitude-76.3576, Latitude-9.9932

Phone number with STD code	0484 2660999
FAX number with STD code	0484 2426241
Office hours at the Institution	8.00A.M -5.00 P.M
Academic hours at the Institution	8.30A.M -4.30 P.M
Email	office@rajagiritech.edu.in
Website	www.rajagiritech.ac.in
Nearest Railway Station(dist in Km)	Ernakulam Town (Distance 15 kms)
Nearest Airport (dist in Km)	Cochin International Airport (25 kms)

10.3.

Type of Institution	Private-Self Financing
Category (1) of the Institution	Minority-Religious Type
Category (2) of the Institution	Co-Education

10.4.

Name of the organization running the Institution	Rajagiri Educational & Charitable Trust
Type of the organization	Trust
Address of the organization	S.H.Province, Rajagiri P.O Kalamassery,Ernakulam,Pin-683104
Registered with	Government of Kerala
Registration Date	29.9.1994
Website of the organization	www.shprovince.org

10.5.

Name of the affiliating University	Mahatma Gandhi University
Address	Priyadarshini Hills P.O, Kottayam, Kerala
Website	www.mgu.ac.in
Latest affiliation period	2017-18
Name of the affiliating University	APJ ABDUL KALAM KERALA TECHNOLOGICAL UNIVERSITY
Address	CET Campus, Thiruvananthapuram Kerala -695016
Website	www.ktu.edu.in
Latest affiliation period	2017-18

10.6.

Name of Principal/Director	Dr. A. Unnikrishnan
Exact Designation	Principal
Phone number with STD code	0484- 2427160
FAX number with STD code	0484-2426241
Email	principal@rajagiritech.edu.in
Highest Degree	Ph.D.
Field of Specialization	Electrical Engineering

10.7

Governing Board Members	1. Rev. Dr. Jose Kuriedath CMI, (*Chairperson*), *Provincial, Sacred Heart Province, & Manager, RSET* 2. Rev.Dr. Saju Madavanakadu CMI, (*Educational Secretary, CMI S H Province*) 3. Rev. Fr. Mathew Vattathara CMI, (*Director, RSET*) 4. Fr.Jose Alex OruthayapillyCMI, (*Chief Finance Director, Rajagiri Hospital*). 5. Rev. Fr. John Therezhath CMI, (*Administrator, RSET*)

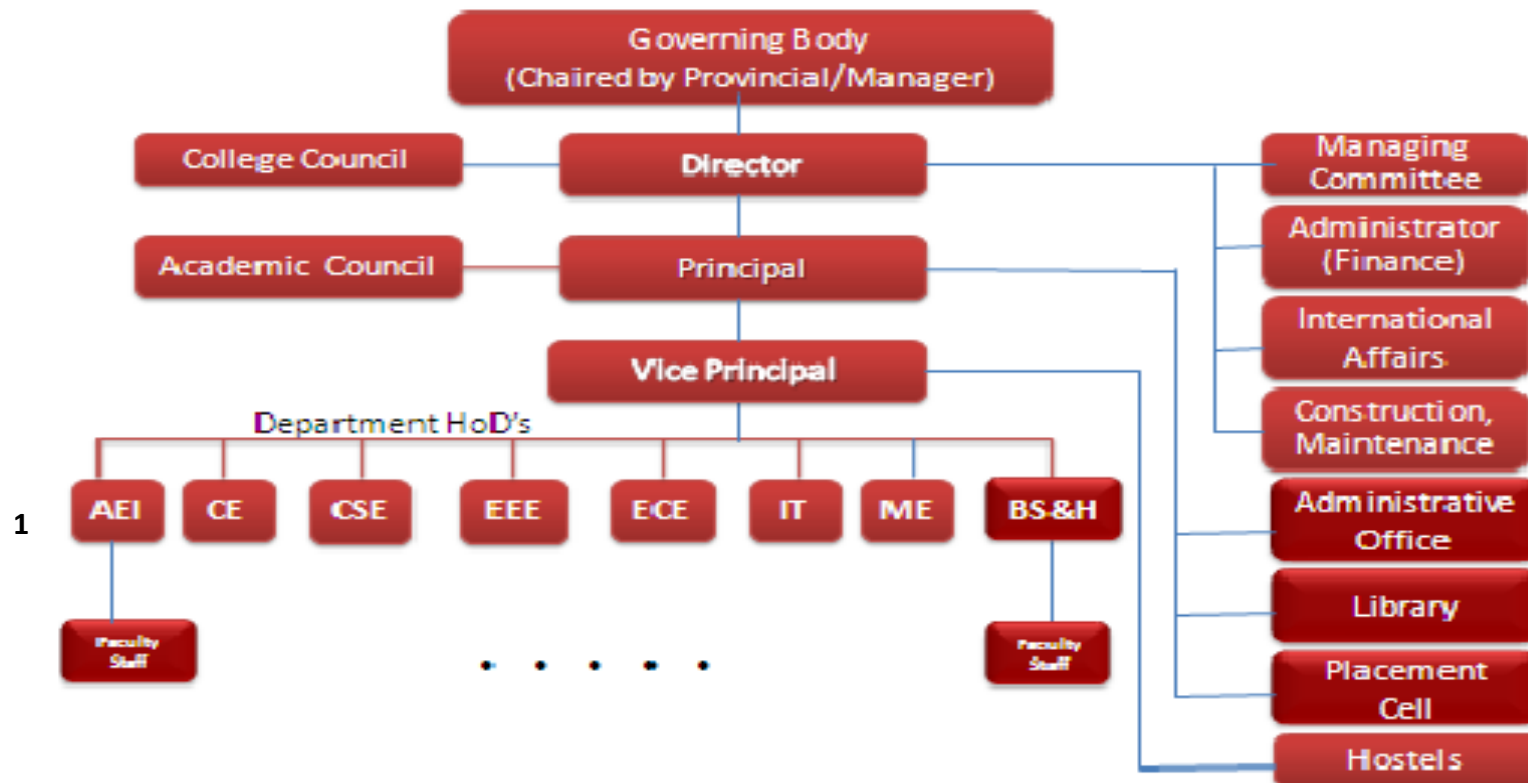|	
	6. Regional Officer, SWRC of AICTE, Bangalore (*Ex officio*)
	7. Director of Technical Education, Government of Kerala (*Ex officio*)
	8. Prof. Dr. M. S. Ananth,(*Former Director, IIT Madras*)
	9. Mr. George Varghese F.C.A.,(*Financial consultant)*
	10.Shri. James Paul, (*Retd Chief Engineer, Govt of Kerala, Chief Consultant of Constructions)*
	11.Shri. N. Jehangir, (*Vice Chairman & Managing Director, NeST group of companies)*
	12.Dr. John M. George, (*Vice Principal, RSET)*
	13.Dr. Joseph I. Injodey, (*Executive Director Rajagiri College of Social Sciences*)
	14.Adv. Jose Kannamthanam, (*Senior Counsel, High Court of Kerala*)
	15.Prof. M. L. Kothari*,* FNAE (*Former Professor, IIT Delhi*)
	16.Dr. K. Poulose Jacob (*Pro Vice Chancellor, CUSAT)*
	17.Prof.S.C.Sahasrabudhe(*Former Director,DA-IICT*)
	18.Dr. A. Unnikrishnan (Secretary), *Principal, RSET*
	19.Dr-Ing.Fr.Vargheese Panthalookaran CMI(*Representative of the CMI priests working in RSET*)
	20.Shri. Venugopal C. Govind F.C.A., (*Managing Partner, Varma & Varma, Chartered Accountants*)
	21.Dr. Vinod Kumar P.B.(*Professor, RSET*)
Frequency of meetings & date of last meeting	Once in every year. 03 rd February, 2018

10.8

Academic Advisory Body	1. Rev. Fr. Jose Alex Oruthayappilly CMI - Patron 2. Dr. A. Unnikrishnan – *Principal* – Chairperson 3. Dr. John M.George –Vice Principal 4. *Dr. Vinod Kumar P.B. – Secretary of the College Council* 5. Fr. Joseph Mathew CMI 6. Fr. Thomas P.J. CMI 7. Fr. Mejo Paul CMI 8. Fr. Ajeesh Puthussery CMI 9. Ms. Liza Annie Joseph (HOD, DAE) 10. Prof. Dominic Mathew 11. Ms. Shanmuga Priya M. 12. Dr. Jobin K.Antony (HOD, DEC) 13. Ms.Rithu James 14. Ms. Harsha A. 15. Mr. Nithin Babu

	16. Ms. Swapna Davies
	17. Ms. Shimmi Asokan (HOD, DCS)
	18. Mr. Ajith S.
	19. Ms. Mary Priya Sebastian
	20. Mr. Biju Abraham
	21. Prof.K.S.Mathew
	22. Ms. Santhi B. (HOD, DEE)
	23. Ms. Jayasri R. Nair
	24. Dr.Unnikrishnan P.C.
	25. Prof. Kuttyamma A.J.(HOD,DIT)
	26. Mr. Binu A.
	27. Ms. Divya James
	28. Dr Thankachan T. Pullan (HOD, DME)
	29. Dr. Manoj G. Tharian
	30. Mr. Sidheek P.A.
	31. Mr. K. Uday Sankar
	32. Prof.K.A.Ouseph(HOD,DCE)
	33. Dr.Aysha Zeneeb Majeed

	34. Ms.Sindhu U.
	35. Dr. Antony V. Varghese (HOD, DBSH)
	36. Mr. Jose Antony
	37. Dr. Sonia Paul (Secretary)
Frequency of meetings & date of last meeting	Meetings are held regularly to discuss various policy and academic matters relating to the institution

10.10   .

Student feedback mechanism on Institutional Governance / Faculty Performance	Yes, Available

10.11

Grievance Redressal mechanism for faculty, staff and students	Available

10.12.

UG-B.Tech						PG-M.Tech				
Year	Branch	1st Year of approval by the Council	Year wise sanctioned intake	Year wise Actual admissions	Cut off marks- General quota	Specialization	1st Year of approval by the Council	Year wise sanctioned intake	Year wise Actual admissions	Cut off mark s- General quota

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Year	Branch				Admission					
2017-18	AEI	2001	60+12*	45	Admission Will be on the basis of merit only by adding marks obtained in the entrance examination conducted by State Commissioner for entrance examinations And the marks obtained for Maths,Physics,Chemistry/ equivalent in the qualifying examination. The marks will be apportioned in the ratio 50:50	AE(Signal Processing)	2010	18	13	50% of the M.Tech. seats will be filled by the college from the rank list published by DTE. Remaining 50% of the M.Tech. seats will be filled by the college on merit
	CE	2013	60+12*	66						
	CSE	2001	180+36*	200		CSE Computer science &Information system)	2009	24	24	
	IT	2001	60+12*	65		IT(Net work Engg)	2011	18	18	
	ECE	2001	180+36*	185		ECE(VLSI Design & Embed ded System)	2009	24	21	
						ECE(Communication Engineering)	2013	24	19	
	EEE	2004	60+12*	62		EEE(Industrial drives&Control	2010	24	15	
	ME	2011	120+24*	133						
2016-17	AEI	2001	60+12*	55	Admission Will be on the basis of merit only by adding marks obtained in the entrance examination conducted by State Commissioner for entrance examinations And the marks obtained for	AE(Signal Processing)	2010	18	8	50% of the M.Tech. seats will be filled by the college from the rank list published by DTE. Remaining 50% of the M.Tech. seats will be
	CE	2013	60+12*	71						
	CSE	2001	180+36*	212		CSE Computer science &Information system)	2009	24	22	
	IT	2001	60+12*	69		IT(Net work Engg)	2011	18	18	
	ECE	2001	180+36*	190		ECE(VLSI Design & Embed ded System)	2009	24	23	

Year	Branch	Year	Intake	Admission basis	PG Program	Year	Intake	Admitted	Remarks
				Maths,Physics,Chemistry/ equivalent in the qualifying examination. The marks will be apportioned in the ratio 50:50	ECE(Communication Engineering)	2013	24	19	filled by the college on merit
	EEE	2004	60+12*	68		EEE(Industrial drives&Control)	2010	24	10	
	ME	2011	120+24*	136						
2015-2016	AE	2001	60 +12*	53		AE(Signal Processing)	2010	18	2	50% of the M.Tech. seats will be filled by the college from the rank list published by DTE. Remaining 50% of the M.Tech. seats will be filled by the college on merit.
	CE	2013	60+12*	70						
	CS	2001	180+36*	198		CSE Computer science &Information system)	2009	24	10	
	IT	2001	60+12*	61		IT(Net work Engg)	2011	18	8	
	ECE	2001	180+36*	201		ECE(VLSI Design & Embedded System)	2009	24	23	
						ECE(Communication Engineering)	2013	24	22	
	EEE	2004	60+12*	67	Admission Will be on the basis of	EEE(Industrial drives&Control)	2010	24	11	

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	ME	2011	120 +24*	132	merit only by adding marks obtained in the entrance examination conducted by State Commissioner for entrance examinations And the marks obtained for Maths,Physics,Chemi stry/ equivalent in the qualifying examination. The marks will be apportioned in the ratio 50:50				
2014-2015	AE	2001	60 +3*	62		AE(Signal Processing)	2010	18	8
	CE	2013	60+3*	63					
	CS	2001	120+6*	126		CSE Computerscience &Inform ation system s)	2009	24	18
	IT	2001	60+3*	66		IT(Net work Engg)	2011	18	9
	ECE	2001	120+6*	123		ECE(VLSI Design & Embed ded System)	2009	24	20
						ECE(Communication Engineering)	2013	24	19

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	EEE	2004	60+3*	60		EEE(Industrial drives&Control	2010	24	24
	ME	2011	120 +6*	125					
	AE	2001	60 +3*	63	50% marks for Mathematics separately and 50% marks for Physics, Chemistry and Mathematics taken together at the +2 or equivalent exams approved by the University	AE(Signal Processing)	2010	18	18
	CE	2013	60+3*	63					
2013-2014	CS	2001	120+6*	125		CSE Computerscience &Information system s)	2009	24	24
	IT	2001	60+3*	63		IT(Network Engg)	2011	18	18
	ECE	2001	120+6*	126		ECE(VLSI Design & Embedded System)	2009	24	24
						ECE(Communication Engineering)	2013	24	24
	EEE	2004	60+3*	63		EEE(Industrial Drives & Control	2010	24	21
	ME	2011	60 +3*	63					

*5% seats Tuition fee waiver+15% seats PIO/Foreign Nationals.

B.Tech		% Students passed with Distinction	% Students passed with First Class	Students Placed	Average Pay package, Rs./Year	Students opted for Higher Studies

2017-18	AEI	7.69	87.17	On Going	Rs.3.25lakh/annum	
	CSE	18.36	80.61	On Going	Rs.3.25lakh/annum	
	IT	5.55	94.44	On Going	Rs.3.25lakh/annum	
	ECE	15.84	83.16	On Going	Rs.3.25lakh/annum	
	EEE	36.73	61.22	On Going	Rs.3.25lakh/aanum	
	ME	12.76	87.23	On Going	Rs.3 lakh/annum	
	CE	27.27	70.45	On Going	Rs.2.5lakh/annum	
2016-2017	AEI	12.9	83.87	46	Rs.3.10lakh/annum	
	CSE	23.95	75	116	Rs.3.25lakh/annum	

	IT	2.7	97.2	42	Rs.3.25lakh/annum	
	ECE	32.95	67.04	98	Rs.3.25lakh/annum	
	EEE	28.94	71.05	48	Rs.3.25lakh/annum	
	ME	29.72	89.65	35	Rs.3.25lakh/annum	
2015-2016	AEI	7.4	48.15	40	Rs.3.5lakh/annum	2
	CSE	11.4	59	106	Rs.3.5lakh/annum	4
	IT	0.03	32.7	46	Rs.3.5lakh/annum	8
	ECE	22.95	54.9	111	Rs.3.5lakh/annum	4
	EEE	28.57	41.2	48	Rs.3.5lakh/annum	4
	ME	0.04	31.14	51	Rs.3.5lakh/annum	2
2014-2015	AEI	0.08	62.7	40	Rs.3.4lakh/annum	8

	CSE	0.19	57.75	111	Rs.3.4lakh/annum	3
	IT	0.07	56.14	43	Rs.3.4lakh/annum	6
	ECE	26.49	56.4	104	Rs.3.4lakh/annum	8
	EEE	20.68	53.4	48	Rs.3.4lakh/annum	11
2013-2014	AEI	8.47	62.71	42	Rs.3.3lakh/annum	12
	CSE	21.18	61.86	95	Rs.3.3lakh/annum	4
	IT	7.5	45	23	Rs.3.3lakh/annum	4
	ECE	35.88	40.83	102	Rs.3.3lakh/annum	14
	EEE	37.28	47.45	47	Rs.3.3lakh/annum	3

	AEI	CE	CSE	ECE	E E E	IT	ME
Professional Society Members hips	Faculty: ISOI (Instrument Society of India) -11, IEEE - 3, IIPE (IndianInstitute of Plant	ISTE-2 IEI-3 ICI – 10 ASCE – 1 IGS – 2 Chartered Engineer - 1	ISTE 5 IETE 3 CSTA-1 KMA-1 PMI-1 CSI (Staff 4) CSI (Students 126)	IEEE-5 ISSE-5 ISTE-10 OSI-1	IEEE prof- 1 ISSE-10 SEEM-2 ISTE-3 IETE- 1 IEEE-IAS Student Chapter-1	CSI(staff - 2) CSI(student- 45) IEEE-1 ACM-1 ISTE-4	ISTE-17 Members IEI-7 Members Institution of Marine Engineers-1 Member

| | Engineer)−1, MECS (Member Energy Conservation energy)−1, ISTE (Indian Society for Technical Education)- 2 INSARM (Indian National Society for Aerospace & Mechanisms)-1 Students : ISOI - 52 | ICI(student members) - 174 | ACM | | | | Institution of Standards Engineers-1 Member Institution of Plant Engineers-1 Member SAE-1 Member IIW - 7 Members ASHRAE,USA-1 Member Energy Conservation Society, Kerala- 1 Member Indian Society for Wind Engineering, Roorkee – 1 Member The combustion Institute- 1 Member Chartered Engineer |

							(India)- 1 Member Indian Society For Heat And Mass Transfer - 1 Member
Professional activities	1.ISOI Cochin chapter activities meeting conducted regularly 2. Conducted Quiz Competition, idea Presentation and paper Presentation for under graduate students.	1. Inaugurated in August 2017 by Dr. Ruby Abraham, Governing Council Member, ICI 2. Held many activities for the students, including Mock Placements 3. 98 new members inducted into the student chapter for the academic year 2017-18 4. Student ICI chapter bags 24,000 rupees worth awards at	National Symposium on emerging trends in computing and informatics Introduction to OmNet++ 5 day workshop on SDLC and Project Management Introduction to Latex Technical Quiz A talk on Stuxnet Nibble- Coding Contest NFS- Most Wanted Gaming Contest	•Whats the funda?' National level symposium conducted by IEEE student branch of Govt. Model Engineering College . •Performance Comparison of AODV and DSDV Routing Protocols in MANET Networks •IEEE Distinguished	1.The IEEE Kochi subsection organized motivational sessions for the students. 2. IEEE Workshop on Orientation Course on Solar Photo Voltaic. 3. IEEE women's day celebration on 8th March 2013 IEEE RSET- SB celebrated International Women's day with the rest of the world by hosting various events in the campus. 4. IEEE Workshop on PIC Microcontroller 5. IEEE EWEEK (various activities) 6.Formation of IEEE-IAS Chapter on 25th Feb 2016 7. Delegates from IEEE-	• Induct ion Works hop (IEEE) • IAS Works hop(IE EE) • SCMS Ascen dio(IE EE) • WIE Intern ationa l Leade	1. NATIONAL WELD MEET: KOCHI- 2015.(One Day Seminar on GENERATI ON NEXT: ADVANCE MENT IN METAL JOINING on Friday 9th October 2015 in association with The Indian Institute of Welding (IIW)) 2. RSET- ASHRAE Student

		'PANTHEON' – State level ICI fest conducted by ICI Student chapter, CET, Trivandrum		lecture Program Assistive Technologies in Health Care by Professor Pradeep Kumar Ray, PhD Director,WHO Collaborating Centre on eHealth Asia-Pacific ubiquitous Healthcare research Centre (APuHC), UNSW Business School UNSW Australia (University of New South	Industry Applications Society , Various talks conducted on 1st September 2015 8. IEEE PES paper presentation on the topic "SMART GRID FOR POWER DISTRIBUTION IN SMART CITIES" on 21st October 2017	rship Summ it Goa(I EEE) • IEEE All India Stude nts, Young Profes sional s and Wom en In Engin eering Confe rence(AISY WC) (IEEE) • Repre	Branch sponsored by the ASHRAE Chennai chapter inauguration on 6/1/17 3. ASME student chapter establishment on April 2017

				Wales), Australia on 31 March 2016		sente d RSET at Annua l Link Camp 17(IEE E)	
				•FireFox OS Mini App Day / Webmaker Event organised by IEEE SB RSET on Feb 7, 2015		• KMUG Works hop(IE EE)	
				•IEEE RSET SB conducted a program 'VOLT' : Volunteer Leadership Training, at Multimedia Hall during 3.35 – 4.30pm on 24th Feb		• Quiz Comp etitio n (CSI)	
						• Nibble s- Codin g Comp etitio	

				2015. •IEEE RSET SB conducted Xamarin Workshop in Heisenberg Lab •IEEE RSET SB hosted an RL78 Design Workshop in our college on the 10th of March 2015 for two days.		n(CSI) • Mining the Personality(CSI)	
Consultancy activities	1. Automation of Trash Guard, a waste disposal system, ENBIOPA C TrashGuard, Kochi, Free Consultancy 2. Oral Cancer Detection	• MGS Associates lab testing of fly ash bricks &dalmia redimix mortar • Southern railway-Soil	Project Management Consultancy services for DRD Communications and Software Private Limited.(6 lakhs) Quality Services and Project Management for Indocosmo Systems Private Limited (6 lakhs)	• Automatic Gain Controller (AGC) Implementati on on an FPGA with a Programmabl e Gain Array, NPOL	MATLAB and Simulink based Design of Control Systems, Indocosmo Systems Pvt. Ltd., Kadavanthra, Cochin, Rs. 1500 per hour	•Applied a DeitY project titled "Impact of irtualization techniques on network performance of Big data platforms" •Prof	Pilot project from NPOL-CFD analysis of drogue system deployment Signed an MoUwith M/s YEXTREME TECHNOLO GIES

System, Bio Photon Kochi, Free Consultancy.	test • Analysis and Design of Primary Health Centre, Ayurveda Hospital, Krishibhavan and 3 Anganwadi buildings, Muttar Grama Panchayath - Thaddesa Mithram , Kerala Local Government Service Delivery Project • Analysis and Design of		Consultancy (Under Processing) (Rs.960000/-) • System-Level Study on Digital Down Conversion Schemes for Future Wireless Applications, NPOL (Under processing), Dr. Jos Prakash A V, Mr. Sreekumar G (Rs 594,000/-) • Technical consultancy on Direction finding circular array, Dr. Deepti Das		Kuttyamma A J initiated a MOU with CDAC •Biju Paul- Visited Sojo University Japan as a part of faculty exchange program. • Binu. A offers Ten day workshop on ZOPE for the employees of CIRM, CUSAT, •Binu. A had done the customization of Online Learning Management System for Rajagiri	Indo German student Project on Multi Purpose Drone with Autonomous Navigation Design and fabrication of a mechanical dynamometer (Brake drum dynamometer) for a 3 phase induction motor used in the experiment set up of Sensorless field oriented control of induction motors Partnership with HMT in waste management

				Krishna		Business School, Cochin University Main Campus & Kuttanadu Campus •Binu. A implemented the Online SBJournal, the Online version of St.Berchaman's College, Changanassery	KSCSTE funded project: Fabrication of Chamber to produce Good Quality Coconut Charcoal KSCSTEfunded project: Development of Electrically conducting Reinforced Elastomer Composite system
		Bus Terminal and Market building, North Paravur - Thaddesa Mithram, Kerala Local Government Service Delivery Project • Tests on steel bars - Sr.Section Engineer/P. Way Construction, Ernakulam Junction • Tests on Concrete Cubes - Sr.Section					

		Engineer/P. Way Construction, Ernakulam Junction					
Grants fetched	1. Modernization of Microprocessor lab under MODROBS for Rs.5,300,00. 2. Process Control Lab Modernization under MODROB for Rs.19,400,00 3. Upper Limb Rehabilitation System, KTU— CERD- Rs	NIL	Dr. Sminu Izudheen (Study on effect of Community Structures in Cancer Protein Identification using Topological Properties of Protein-Protein Interaction Networks, **Funding Agency**: KTU CERD ,1 lakh)	• Automated intelligent irrigation system, Student Project Funding (2015-16), KSCTE, Dr. Deepti Das Krishna (Rs 15,000/-) • Reliable Re-configurable Memristor Radio	1. A Novel Solar Powered Vehicle/ Wheel Chair for disabled funded by Center for Disability studies – A Govt. of Kerala Undertaking for amount of Rs. 30,000/. 2. FPGA Based Electric Standing Wheel Chair, Council for Science, Technology and Environment, Rs. 15,000/- 3. Multipurpose portable Capacitive Digital Agro Moisture Meter- Kerala State Council for Science, Technology & Environment-	NIL	Rs.2 lakhs funding from Kerala Start up mission for their project proposal titled " Semi-Autonomous Electric Car Rs.1 lakhs funding from Kerala Start up mission for their project proposal titled " Automated Portable

	23000/- (sanctined amount), Project Completed 4. Kinetic Gait Analysis Device, KTU— CERD- Rs 25000/- (sanctined amount), Project Completed 5. Midi interfaced autonomous violin (M.I.A.V), KTU— CERD- Rs 40000/- (sanctined amount) 6. Design and Development of System for Window Pane Status Display in Cars, KTU—			Frequency Devices, Engineering Technology Programme (Research), KSCSTE, Dr. Deepti Das Krishna (Rs. 683100/-) • IOT based projects, NEST, Dr .Anand S (Rs. 50,000/-) • Research Issues in Medical Image Processing, Seminar Grant, ICMR, Dr. Jayanthi V S(Rs40,000/-), (9/4/17 to	5,10,000/-(sanctined amount), First quarter fund released Rs. 1,51,050/- 4. Solar Powered Smart Irrigation System- KTU— CERD- Rs 24000/-(sanctined amount), Project Completed and fund released - Rs. 18,000/- 5. Hover Pacifier for Special Kid, IEDC Student Innovation Grant - Rs.4000/-		Rubber Smoke House

	CERD- Rs 25000/- (sanctined amount)			11/4/17).			
Departmental Achievements	1.Balu Raveendran visited V Guard on 7th Dec 2016. Hari C.V conducted a workshop on LaTeX on 9th Nov 2016 at UC College, Aluva. • Sam Verghese & Jebin Peter Thomas of S5 AEI secured 1st prize in Amazing category Team members, Innovation and Entrepreneurship development Centre RoboRave Robotic competition	• Inauguration of Nirmana for the year 2016-2017 by Dr P K Aravindan (Retired IIT Professor) on 8/8/2016 • Talk on Innovative Design, Construction & Rehabilitation of	Prof. K S Mathew Talk on "Time Management"(25th MARCH 2016) FDP on Advanced Trends in Web Technology(DCS, 4th- 15th July 2016) Fr. Dr. Jaison Paul Mulerickal National Workshop on High Performance Computing(5th-9th December 2016) Prof. K S Mathew Workshop on SDLC and Project Management(13th-17th December 2016) Prof. K S Mathew HPC User Training(20th JAN 2018 – 3rd FEB 2018)	• Drone Project with Aalen University Germany. Student team of Aalen University will complete the hardware section and students from Rajagiri School of Engineering & Technology will implement the software. • Dr. Jobin K Antony	1. A one day workshop on "Real TimeInterfacing using MATLAB", on January,19,2013. 2. Department of Electrical & Electronics Engineering, as part of Eluxtra Association activity, conducted a one day workshop on "Introduction to VFD and its Industrial Applications" on November 16, 2013. 3. Department of Electrical & Electronics Engineering,organized a two day International workshop on 'SOLAR PHOTOVOLTAIC POWER SYSTEMS'on 22nd and 23rd of July 2015.	IoT Hands on Workshop for Govt. Engineering College, Idukki , Dept. of Computer Science, CUSAT, Toc-H Institute of Science & Technology •Advanced Workshop on Digital Archiving for the scientists of "Centre for Digital Imaging", Govt. Of	1. A two day trainingp rogramm e on the CAD/CA M software" CATIA" on 18th &19th, June 2013 2. Three days training programm e on CATIA modeling software by

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held at The Choice School Thrippunithura on 5th & 6th Nov 2016. •Anushreya Preshob & Garry Savieo of S5 AEI secured 3rd prize in Innovation category Team members, Innovation and Entrepreneurship development Centre Robo Rave Robotic competition held at The Choice School Thripunithura on 5th & 6th Nov 2016 • Aakash U.R, Kiran Manoj & Jinsha Babu, S3 AEI Ranil Thomas & Gopika Govindan,S1	Buildings and bridges by Dr P K Aravindan on 8/8/2016 • Industrial visit for S7 students to water treatment plant in Aluva on 27/8/2016 • Industrial visit for S5 students to Cochin International Airport	International FDP on HPC & Data Science (DCS, $17^{th} – 22^{nd}$ AUG 2017) Prof. K S Mathew FDP on Design Project($15^{th} – 19^{th}$ JULY 2017) Mr. Abhinav Thomas, Mr. SileshChandran, Ms. Anna Mathew, Mr. KiranAnto, Mr. Neil Mathew(Smart India Hackathon rand finale, AICTE Smart India Hackathon, January 2017) Ms. Lakshmi Hitho, Ms. JomolGeorge,Mr. Abraham Wilson,Ms. Selma Majeed,Mr. George Varghese	deputed to OTH University Amberg-Weiden Germany from 12 Feb to 25th Feb along with 8 of our students. • Dr. Jaison Jacob deputed to Sojo University, Kumamoto, Japan as part of student exchange programme. • Mr. Anoop Thomas worked from 01/02/2017	4. Dr. Magyar Peter, Fellow IEEE had an interaction with faculty members and M.Tech students on 'Exploring research areas' on 1st September 2015. Conducted Project Expo(Mtech IDAC) on 30th September 2015. 5. DEEE conducted a talk on "Renewable energy and solar project installation" by Mr. RadhakrishananMundoli , Helios Renewables. on 16th December 2015 . 6. DEEE organized a workshop on "Personality Development" for the students of S6 EEE, RSET.on 20th and 21st Jan 20. 7. DEEE conducted a five day workshop on "Hands on Training for Power Electronic Converters" for	Kerala, Trivandrum •Information Delivery Systems for Academic and Research Institutions (IDSARI Version 3.0), International Centre for Free and Open Source Software (ICFOSS), Govt. of Kerala, Trivandrum •Software Architecture for St.Teresa's College, Ernakulam •Learning	trainers from EDS technologies, Kochi on 2nd, 3rd and 5th May 2014 3. 40 hours training workshop in Auto CADD 2D and 3D modeling. 4. One day workshop on Autodesk Fusion 360 Software

AEI Visited FAB -Lab, Kalamasserry on 16th Nov 2016 •Meena V attended a IEEE Author Workshop organized by Coimbatore Institute of Technology, Coimbatore jointly with IEEE supported by GIST, India on 25th Oct 2016. • Meena V attended a program on Sparse Optimization for Signals & Systems at IIT, Madras from 22nd to 24th OCT 2016	on 2/9/2016 • Debate competition for for S8, S6 and S4 students on 5/9/2017 • Quiz competition for for S8, S6 and S4 students on 5/9/2017 • POSTER COMPETITION for for S8, S6 and S4 studentso n	(Resource person for python workshop, ILM college of engineering, 2017) Mr. Abhinav Thomas (Internship Training in Singapore, Nanyang Technological University,Singapore, 2018) Mr. Alvin Chris Antony, Mr. Preveen Raj, Mr. RoshanShibu, Mr. Aditya Menon(1st Runners Up & Selected for IATA NDC Hackathon, IBS Travel Hackathon, 2018 Mr. Alvin Chris Antony, Mr. Preveen Raj, Mr. RoshanShibu, Mr. Aditya Menon(bagged a cash prize of 7000 USD by	to 3/12/2018 as a research assistant (Academic staff) in Hochschule Aalen, Aalen, Germany. • Mr. Dhanesh had undergone industrial training for 6 months in Digital Core Technologies Pvt. Ltd. • 9 projects from ECE Selected for NeST IoT Lab (Net funding of 1.5 Lakhs) • M.Tech VLSI & Embedded	the students of S6 EEE, RSET on 21/01/2016 to 23/01/2016, 25/01/2016 & 27/01/2016. 8. DEEE conducted a 3 day workshop on "Microprocessor and Micro controller" for the students of S6 EEE on 28/1/2016 to 30/1/2016 9. Launched department association, ELUXTRA on Monday 4th April 2016. Green and Renewable Energy Applications- 02/11/16 10. Workshop on Electronic circuit design and PCB fabrication-31/09/16- 01/10/16 11. FDP on dsPIC with Power Electronics using MATLAB- 25/11/16- 26/11/16 12. Energy Efficient Dream	Management System using Moodle for Cochin University of Science & Technology, Cochin University College of Engineering, Kuttanadu and Sacred Hearts College, Thevara •Conducted Bridge Course- Logic Development & ntroduction to Programming from 1st July- 7th July 2015	on 16th April 2016 5. Two day workshop on CNC Programming from 04/01/17 to 05/01/17 6. A two-day workshop on Autodesk Fusion 360 software on 25th and 27th January 2017

	7.		13/2/2017	grabbing the Developer Prize by exhibiting exceptional coding skills and NDC Prize by making the most effective utilization of the latest technology developed by the organizers. As a token of appreciation, these students were also selected to the incubator of the organizers.24th & 25th February, 2018)	Systems, Project for NPOL(DRDO)	Home Contest- DEE,RSET in association with IEEE-PES chapter-01/10/16	for B.Tech students with out computer science background	7.	International Workshop on Solar Thermal Technologies on 22nd February 2017.
			• JAM event conducted on 20/2/2017 for S8, S6 and S4 students		• PSoC Alliance with Shockley LAB	13. Role of Robotics in Engg. Education-DEE,RSET on initiation of IEEE-IAS chapter-01/09/16 department association, ELUXTRA on Monday 4th April 2016.Inaugural address by Cdr.(Retd.) K.Shamsuddin (MD, Kerala Electrical and Allied Engineering Co.) Technical talk by Ms. HusnaMumtaz (Assistant Executive Engineer,Kaloor Substation)	•Conducted Pre-project training on Android by CDAC from 18-1-2016 to 29-1-2016		
			• Master mind event conducted on 27/2/2017 for S8, S6 and S4 students	Mr. Pranav MadavaDev(First Prize, Hackathon Competition at College of Engineering, 2018)	• BIRDS – Ongoing Projects and workshops in collaboration with different hospitals	14. Technical Talk on "IoT" by Ms. Aroma Rose Reji & Ms. Chandana Elizabeth Peter, S5 EEE on 01-09-2016	•Conducted Pre-project training on PHP & MySQL by CDAC from 18-1-2016 to 29-1-2016	8.	Talk on "Career opportunities as CNC Engineer, CAD/ CAM Engineer, Mould and die designers" on 10th February 2017
			• International Quiz competition "ENGINEERIA" by			15. Interactive Seminar cum Hands on Workshop on Electronic Circuit design and PCB Fabrication for S5 EEE	•Conducted Pre-project training on Raspberry Pi & Arduino by CDAC from		

	9.		CADD centre on 30/9/2016 for S4, S6 and S8 students • Design competition conducted by Designer Institute for S8, S6 and S4 students on 21/10/2016 • One day awareness Programme on Green		Students by Mr.Antu Dominic,TrueTek World, Angamaly on 30-09-2016 & 01-10-2016 16. FDP on dsPIC with Power Electronics (using MATLAB) by Pantech ProEd Pvt Ltd, Chennai on 25-11-2016 & 26-11-2016 17. Seminar on Electrical Quality Control & Electrical Quality Assurance for Electrical Equipmentsfor S6 and S8 EEE Students by United NDT Training & Inspection Centre on 20-01-2017 18. Talk on GATE for Higher Education and Career Opportunities on 01-02-2017 19. Short term Course on Electrical Drives and Power Electronic circuits Simulation using	18-1-2016 to 29-1-2016 •Conducted Pre-project training on Java in MARCH 2016 •Mohamed Jasim M and Muhammed Sadique UK, S4 Mtech attended AccessAbilities Expo 2016 Dubai, organized by Community Development Authority, Dubai (CDA) •Conducted Workshops for students on Data	9. Talk on Machine Design Online (MDO) Portal along with Learning Management System (LMS)Platform - A learning aid for students and teaching aid for faculty on 14th February 2017. 10. Talk on

	Technology by Kerala State Nirmithi Kendram on 17/2/2017 for S8 and S6 students • Talk on Solid waste management by Dr Saji Baby on 5/4/2017 for S4, S6 and S8 students • Industrial visit for S7 students			MATLAB/Simulink for S6 EEE Students by Mr. Ginnes K John, Ms. Caroline Ann Sam, Ms.Sreepriya R, Ms. Anna Mathew on 02-02-2017 & 03-02-2017 20. Short term Course on Interfacing of Embedded Controllers with Peripherals for S6 EEE Students by Fr.Mejo Paul CMI, Mr.Jebin Francis on 02-02-2017 & 03-02-2017 21. Demonstration of Fluke Power Measurements as part of Energy Auditing Works on 15-02-2017 by S8EEE Students 22. To promote industrial interaction and exposure that bridge the gap between academics and industryELUXTRA in association with ENCON Club organised BPCL Visit	analytics by iTrax •Demonstration of proof of concept-Emergency Response System for India by Mohamed Jasim M, Muhammed Sadique UK, S4 Mtech and got Approval for real time implementation in a junction in Kochin •Mr.Vivek joy and Mr.Harikrishnan has	"Employability in Mechanical engineering" on 17th February 2017 11. Talk on 'Opportunities in oil field exploration & production' on 1st March 2017 12. One day Workshop on Basic Maintenance, Solo Ride

		at Ernakula m South Railway Station on 22/07/20 17 • GRILLAIRE event conducte d on 8/8/2017 • INAUGUR ATION of Nirmana for the year 2017- 2018(Chief guest was Mr Cyriac Davies, Managing			on 25-02-2017 for S8 EEE, S6 EEE, S4 EEE students. 23. Bridge Course on "Llaplace Transforms and Circuit Analysis" for S3 Students from 27-07-2017 to 31-07-2017 24. Two day ISRO Exhibition for RSET Students on 09-08-2017 and 10-08-2017 25. DEE, DAEI, DEC in association with Mithradam and Ostbayerischule, Germany, conducted One day workshoptitled International Workshop on Solar Photovoltaic Systems on 22-09-2017 23. Talk on Global Standards of Environmental Health and Safety Applicable to Electrical & Electronics Engineering and Hardware Demonstration of Personnel Protective	conducted a course on IoT at Govt. Engineering College, Idukki for the M.Tech Students in Network Engineering. (April 8- 9,2016) •i-Trax, the technical association of Department of Information Technology is organized a course along with S6 IT students on advanced parser and networking	Require ments and Rider Safety by ROYAL ENFIEL D, Edappall y on 16th March 2017 13. Mahindra , in associati on with Departm ent of Mechani cal Engineeri ng organised AUTO QUOTIE NT – an

		Dirctor, KITCO Ltd) on 14/08/2017 • One hour talk on Construction Safety Equipments by Arbrit Safety & Engineering Solutions for S7 students on 22/08/2017 • PLATNO event conducte		Equipment by Manesh GP, Senior Trainer, Arbrit Safety Engineering Solutions (Pvt) Ltd on 26-09-2017 24. ELUXTRA organised Workshop on Robotics and 3D Printing for B.tech students by Mr. Paul George, Mr. Kiran Anto, S8 Students on 07-10-2017 25. ELUXTRA in association with IEEE-PES conducted Paper Presentation Contest on Smart Grid For Power Distribution in Smart Cities on 21-10-2017 26. One Day Arduino Workshop for S5 EEE and S1 IDAC Students on 06-11-2017 27. Workshop on Circuit Simulation Using MULTISIM for S3 EEE Students on 26-10-2017	for IT students on all Fridays (Time: 2.00 pm - 4.30 pm, Venue : S4 IT). Mr. Mr. Mazahir B Harooon, S6 IT, received CSI-In App Award	auto quiz competition on on 1st April 2017 14. Dr.Thankachan T. Pullan was selected as chairman of Project Review and Monitoring Committee constituted to monitor and review the

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		d on 24/08/2017 • One hour talk on Marine soil for S7 by Mr Jayakrishnan Menon, Senior Geotechnical Engineer, Geo Structurals, Pvt Ltd on 22/9/2017 • JAM event conducte			28. Design Project Expo foe S5 EEE students to showcase their innovative and creative design on 20-11-2017 28. Workshop on "Fusion 360 & REVIT MEP", for S6 EEE Students on 19-01-2018 29. Guest Lecture and Interactive Session for the faculty members, PG and research scholars on Modern Trends in Power System Design by Prof. M.L.KOTHARI, FNEA, Former Professor, IIT Delhi on 02-02-2018 30. Seminar and Hands-on Experience on the Industrial Automation Using PLC and SCADA for S6 EEE students on 12-02-2018		progress and smooth and successful execution of the project of Development of Turn Mill Centre with Y axis SB CNC 30TMY and integrate high precision C axis on the Main spindle by the M/s

		d on 25/9/2017 • The NameGame event conducted on 4/10/2017 • International Quiz competition by CADD Centre on 11/10/2017 • BITVA event conducted on 25/10/20				HMT Machine Tools Limited, Bangalore (HMT MTL) under the Technology Acquisition Fund Programme component of the Scheme on Enhancement of competitiveness in the Indian Capital Goods

		17 • THE CLUELESS event conducted on 16/11/2017 • DUBSMASH event conducted on 23/11/2017 • KVIZO event conducted on 18/1/2018 • Visit to construction site of				Sector 15. Dr.Ajith Kumar A was a reviewer for papers on CFD under the Second International Conference on Computing in Mechanical Engineering (ICCME 2017) and Member-International

		Rajagiri Auditorium constructing using Space truss for S4 students on 8/2/2018 • An online aptitude test Cadd Quest conducted for S4, S6 and S8 students on 16/2/2018 • Talk on Revit and				Advisory / Technical Programme Committee, ICCME 2017) 16. Dr. Manoj G. Tharian gave a talk on Orientation Programme on NBA Accreditation at Govt. Polytechnic College,

		3dmax software for S6 and S4 students on 28/2/2018 by Cadd Centre					Kothamangalam on 27th July 2017
							17. Two day"LPSC-ISRO Exhibition" on 9th and 10th August 2017
							18. Dr. Manoj G. Tharian gave a talk on Orientation Programme of Accreditation of Polytechnics at

| | | | | | | | Government Polytechnic College, Maruthorvattom P. O., Cherthala on 25th September 2017 |
| | | | | | | | 19. Training in modelling software Autodesk fusion 360 by Mr.Viju Antony, Trainer from BIM IT on 27th |

							September 2017
							20. Organised a Bal-Bot workshop on 9th October 2017
							21. Dr.Ajith Kumar A was a session chair for the conference International Conference on Advanced Manufacturing and Materials

							Science during 15-16 January 2018. At Muthoot Institute of Technology and Science, Kochi, Kerala
							22. International Conference on Green Buildings and Sustainable Engineering (GBSE 2018) on

							23rd, 24th and a5th January 2018 ANSYS training programme on 23rd and 24thFebruary 2018
Distinguished Alumni	Noel Paulose - Instrumentation Engineer at BPCL •Vishnu Vijay & Prannoy Sagar - Project Engineer, Virtuoso Automation Solutions, Pune •Mathew Varghese & Nancy James - Trainee Decision Scientist, Mu		•Ms. Christina Terese Joseph IIIrd Rank - M.Tech. Computer Science & Information Systems •Joe Augustine ,Junior Research fellow,IIT Madras •Sachin JosephSoftware Engineer at Microsoft •Koshy JohnSoftware Engineer II at Microsoft •Alan Koshy JohnResearch Assistant at Fraunhofer FIT •Sarath S Menon Developer Associate at SAP	1. Febin Philip (2009 - 2013 batch) - Assistant Financial advisor at Ministry of Railways, Government of India Qualified Civil Service examination - Rank 549 2. Vigneshwer	1.Mr. Joseph Babu (2008-12) - Co- Founder & Chief Marketing Officer, Raify 2.Mr. Mathew John (2006-10) - Founder -Smart Energy Solutions 3. Mr. Unnikrishnan C. Captain, Indian Army 2005-09 batch 4. Mr. Arjun S. Lieutenant, Indian Navy 2005-09 batch 5. Mr. Allan Sebastian Commanding officer,Indian Navy 2006-10 batch 6. Mr. Libin Varghese	•Nishanth Ravindran, CEO, Technovia Info Solutions Pvt. Ltd. He has started the company, which introduced a new concept " City on Wheels". Now a pilot project is running in	

| | Sigma Business Solutions Pvt. Ltd, Bangalore •Anand Pious,Instrumentation and Control Engineer,Bilfinger, UAE •Nishitha Narayanan - System Design Engineer at Johnson Controls, UAE •Rohit Philip - Embedded software Engineer, VVDN Technologies Ltd, Kochi •Alias Pius- Senior Software Engineer at Robert Bosch | | •Sijin Sebastian Developer Associate at SAP •Sandra Alex Developer Associate at SAP •Aswathi Anna Mathew Developer Associate at SAP | Dinakaran (2011 -2015 batch) - Data Scientist at Mu- Sigma 3. Srijith Vijay (2009 -2013) - Embedded software Engineer at Mathworks 4. Abel Paul Babu (2009 - 2013) - EMbedded System Engineer at Mathworks 5. Jephy Joy(2006 - 2010) - Hardware Engineer at NVIDIA GeForce India | Electrical Engineer, Sharjah Electricity & Water Authority 2002-14 batch 7. Ms. Aneeta Johnson, Sub-Lieutenant, Indian Navy 2013-17 batch | Calicut District witht the support from district administration. •Nithin Murali Team Lead Ernst & Young •Aswin Aravind Technology Analyst Infosys •Syam Sasi QA Engineer Oracle •Swetha Mathew Senior System Engineer Infosys •Jose Joseph Mobile Application | |

	Engineering and Business Solutions Limited •Rahul Babu & Rahul Pushparajan - Project Engineer at SCHNEIDER ELECTRIC ,Chennai •Muhamed Nizwan - ASIC Verification Engineer, NVIDIA, California • Nithu Anna Baji - Manufacturing Engineer, Faraday Future, California • Aswin Krishnan A. R				Developer Samsung •Jithu A Kumar Senior Software Engineer iGate •Lakshmi Sekhar Software Engineer TCS •Sanjay Menon Software Engineer Visual IQ •Mr. Antons Davies, Sr. Interaction Designer at NVIDIA • Mr. Yedhu Sasthri, M. Tech 2nd	

	Project Application Engineer,INVENSYS • Kuruvilla Jacob & Nixon Varghese- DCS engineer, Yokogawa,Bangaalore. • Robin rohith- Automation Engineer at Honeywell,Bengaluru •					rank (2012-14), PhD Student, TU Dresden •Mrs. Ancy Sherin M. Tech 1st rank (2012-14), Section Engineer, KMRL Kochi	

10.13.(Profile of the Faculty attached – Refer Website)

Name of Teaching Staff *	
Designation	
Department	
Date of joining the institution	
Qualifications with class/Grade	UG PG PhD
Total Experience in Years	Teaching Industry Research
Papers Published	National International
Papers Presented in Conferences	National International
PhD Guide? Give field & University	Field University
PhDs/Projects Guided	PhDs Projects at Masters level
Books Published/IPRs/ Patents	
Professional Memberships	
Consultancy Activities	
Awards	
Grants fetched	
Interaction with Professional institutions	

10.14 Admission quota	
Entrance test/admission criteria	B.Tech-Admission Admission Will be on the basis of merit only. Rank list will be prepared by adding marks obtained in the entrance examination conducted by State Commissioner for entrance examinations and the marks obtained for Maths, Physics, Chemistry/equivalent in the qualifying examination. The marks will be apportioned in the ratio 50:50 M.Tech- Admission At least 60% mark s in BE / B.Tech in relevant branch is a must.
Cut off /last candidate admitted	B.Tech Pass in higher secondary examination of the Board of HSE of Kerala or an examination equivalent there to with at least 50%marks in Mathematics separately & 50% marks in Maths, Physics, Chemistry/equivalent subject put together or equivalent grade. M.Tech 60% marks in related branch in B.Tech

Fees in rupees	Course	Tuition Fee
	B.Tech I Year	Rs.75,000
	B.Tech II Year	Rs.75,000
	B.Tech III Year	Rs.75,000
	B.Tech IV Year	Rs.75,000
	M.Tech I Semester	Rs.65,000
	M.Tech II Semester	Rs.65,000
	M.Tech III Semester	Rs.65,000
	M.Tech IV Semester	Rs.65,000
Number of Fee Waivers offered	TFW-AEI-3 ,IT-3,EEE-3,CE-3,CSE-9,ECE-9,ME-6, SC/ST/OEC students are exempted from payment of fees at the time of admission. Their scholarship will be sanctioned by the welfare Department of the Government.	
Admission Calendar	**B.Tech** Submission of online application form begins 5th May 2016 Last date for submission of application. 2nd June 2016. Publication of data entry details on website 2nd June 2016. Last date to notify entry defects, if any 4th June 2016. Publication of merit list 4th June 2016	

	Selection and admission begins 7th June 2016 Admission closes on 25th July 2016. *__M.Tech__* Submission of online application begins 14th June 2016 Last date to receive applications 30th June 2016 Publication of details on the website 1st July 2016 Last date to notify entry defects ,if any 4th July 2016 Admission test(for college merit candidates) 6th July 2016 Publication of merit list 7th July 2016 Interview and admission 12th July 2016 Commencement of classes 1st August 2016 Admission closes on 12th August 2016
PIO quota	

	Yes

Laboratory details	List of Major Equipment/Facilities	
Department	**NAME OF THE LAB**	**LIST OF MAJOR EQUIPMENTS/FACILITIES**
Electrical & Electronics		
	Basic Electrical Lab	"Auto transformer 1Φ, Auto Transformer 3Φ, DC Voltmeter, AC Voltmeter, DC Ammeter, AC Ammeter, Digital Multimeter, Power Factor Meter, Analog Stopwatch, Variable Rheostat, Wattmeter, Loading Capacitor 3Φ, DC Unregulated Power Supply, Knife Switch, Energy Meter1Φ, Energy Meter 3Φ, Loading Inductor3Φ .
	Electrical Measurements Lab	Earth Tester, Variable Rheostat, AC Ammeter, Inductance Box, DC Regulated Power Supply, Capacitance Box, Resistance Box, Wattmeter, Power Factor Meter, DC Unregulated Power Supply, DC Ammeter, AC Ammeter, AC Voltmeter, DC Voltmeter, Lux Meter, Analog Stop Watch, Sensitive Galvanometer, Super Sensitive Galvanometer, Light Spot Galvanometer, Crompton Potentiometer, Slide Wire Potentiometer, Vernior Potentiometer, Volt Ratio box, Wheaston Bridge, Post Office Box, Standard Resistance, Digital Multimeter, Wattmeter, Electronic Standard Cell, Loading Rheostat, Knife Switch, AutoTransformer1Φ, AutoTransformer3Φ, Energy Meter1Φ, Light Spot Galvanometer, Phase Shifting Transformer, Transformer1Φ, Kelvin Double Bridge, Frequency Meter, LVDT Trainer, Current Transformer, Potential Transformer, Llyod Fisher Square, Hibbert's Magnetic Standard, Lamp Load, Centre

		Zero Galvanometer, Digital Stop Watch, Loading Inductor3Φ
	Electrical Machines Lab	3Φ Slip ring induction motor, 3Φ Squirrel cage induction motor,1Φ Induction motor, 3Φ AC Generator, DC Shunt motor, DC Series motor, DC Compound motor, DC Generator, Auto transform3Φ, DC Voltmeter, DC Ammeter, AC Ammeter, Digital Tachometer, Insulation Tester, Rectifier Unit 100A, Loading Rheostat 1Φ, Loading Rheostat3Φ, Loading Inductor3Φ , Wattmeter, Energy meter 1Φ, Energy meter 3Φ, Transformer1Φ, Transformer3Φ, Variable Rheostat, Display Board Of Single Phase and Three Phase distribution, AC Voltmeter, AutoTransformer1Φ, Analog Tachometer, Knife Switch, DC Series Motor-Generator Set, Double Cage Induction Motor, Winding Study Motor, Synchronous Motor-DC Shunt Motor Set, Cascade Induction Motor Set, Induction Generator Set, Working Model of Three Phase &Single Phase Alternator, Working model of dc generator, Cut section of dc machine, Model of 3phase ac winding, Reluctance motor, Synchronizing lamp set, Analog clamp tester, Digital tachometer with sensor, Power factor meter , Hand drill, Motor starter, Alternator, Spring balance, Rectifier unit 150A
	Control System Lab	Function Generator, CRO, AC Servo Motor, AC Synchro Transmitter and Receiver Demonstrator, Stepper Motor Demosrator Unit, DC Position Servo System Demonstator, Propotional Integral Derivative Cotrol System, DLP Projector, Projection Screen Tripod ,Synchro transmitter reciever trainer,Temperature control system,DC servo motor pid controller
	Power Electronics Lab	Inductive load, PMDC motor,1 HP DC motor, Boost chopper, IGBT based 4 quadrent chopper,1KVA Isolation transformer, 89C51 based firing pulse generator, Mosfet module, IGBT module, PWM inverter control module, Digital multimeter, Digital Tachometer, Oscilloscope,

		Power Supply, Power scope, Portable dc ammeter, Portable ac ammeter, Portable dc voltmeter, Portabler ac voltmeter, 3Φ full wave bridge rectifier,1ΦFull wave bridge rectifier, 3Φ Power quality analyser, Transformer, Digital Tachometer, Characteristic module of power electronic devices, SCR chopper circuit module for SCR commutation, Firing Circuit module of SCR, Triggering circuit(Ramp And Pedestal), Bridge converter module of power electronic devices,Variable Rheostat, Micro processor trainer kit, Function generator, Decade inductance box, Decade capacitance box, Decade Resistance Box, Digital Storage Oscilloscope,High voltage differential probe 25MHz,Digital UPS,FLUKE METER
	Simulation Lab	Computer,Projector LCD,UPS ,Battery, P SIM (Software)
	Industrial Drives and Control Lab	3 Φ Induction Motor (180W), AC Induction Motor Vector control kit (TMDSHVMTRPFC), Computer with Control Suite Software, 3 Φ Permanent Magnet Synchronous Motor with Control kit, 3 Φ Permanent Magnet Synchronous Motor with Control kit, BLDC Motor (180W), 57BL116 Texas control kit(DRV8301) with SMPS 48V, 10 A Computer with Instaspin Software, TMDSDCDC2KIT, BLDC Motor (180W), 57BLS116 with mechanical load BLDC Motor (180W), 57BLS116 with inductive load BLDC Driver + Multi Function Controller + BLDC Motor (57BLS116), Computer with Arkmotion Software, Ingenia AC Servo Driver AC Servo Motor, Moons 200W, AC Induction Motor with DC Generator, Operating Station1,AC Drive (Powerflex 755), Loading Rheostat, Computer with Rockwell Software, DC Motor with DC generator, Operating Station 2, DC Drive (Powerflex DC) Loading Rheostat, Computer with Rockwell Software, AC Servo Motor, Operating Station 3,Servo Drive (Ultra 3000), Computer with Rockwell Software, Digital Storage Oscilloscope, Three Phase Inverter

	Electrical Wokshop	Inverter.LCR Q meter
Electronics and Communication	RF Lab	Microwave Benches,Sat:com:trainer, Spectrum analyser,Antenna trainer,Optical fibre trainer,RF com: trainer,Storage oscilloscope,Oscilloscopes,DC power supplies,Function generator,Computer.
	Systems Lab	computers, dsp starter kit,printer,ups,rfid card reader, universal programmer,RF GPS GSM ZIGBEE Modules,ARM kit,OrCAD,Matlab
	Advanced Resource Lab	Computers, dsp trainer kit, vlsi trainer kit, spartan3 , FPGA board,Finger print scanner,Embedded system development kit.
	Basic Electronics Lab	Digital storage Oscilloscopes, DC power supplies, Function generators, Ammeters, voltmeters, Analog& Digital multimeters,Audio power meter, Decade boxes,Rheostats,Computers.
	Communication Lab	Digital storage osciloscopes,DC power supplies,Function generators,Decade boxes,Communication trainers,LCR meters,IC tester,Soldering & Desoldering station,Projectors,Computers.
	Hardware Lab	Storage osciloscopes,DC power supplies, Function generators,Digital ic trainer kits, Multimeters,Universal programmer,Micro processor & Micro controller kits,Computers,Logic analyser,acoustic lab items.
	Integrated Circuits Lab	Oscilloscopes, DC power supplies, Function generators, Ammeters, voltmeters, Analog& Digital multimeters,Soldering & Desoldering station, Decade boxes,Rheostats.Computers
	Logic Design Lab	osciloscope,function generator, digital trainer, analog multimeter, digital mutimeter, power supply
	PG LAB (Shockley Lab)	HP Compaq Desktop PC(13), Dell Optiplex 740 Desktop PC(5) Dell Precision T3500 (1),Dell Optiplex390(11) ARM kits,FPGA kits,PSoC kits,Cadence,Comsol,HFSS,NI-USRP Software defined radio(SDR)Experimental set up.

	PG LAB (Shannon Lab)	computers(dell precisionT5610-1No:,dell optiplex3020MT-30Nos),. UPS
	Electronics Engineering Workshop	Digital storage Oscilloscope, Function Generator,DC Power supply Soldering Iron and PCB Holder.
	PCB Lab	Drilling Machine, ShearingMachine, Double sided UV Exposure unit,Soldering station,PCB holder,Magnifying lens with lamp.
APPLIED ELECTRONICS AND INSTRUMENTATION	MEASUREMENT/ TRANSDUCER LAB	"Capacitance level sensor ,LVDT calibrator with screw gauge ,Bridges ,Temperature transmitters -B,E,J,K,R,S,T (Types), RTD,DSO,IC tester,Ph meter,RTDs,Temperature calibrator, ,CRO ,Function Generator,power supply, Strain gauge, trainer kits,computer,Digital multimeter.Rheostats,Trainer kits(Speed,force),strain gauges,Parallel plate capacitance trainer kit,Viscometer,Conductivity meter,Thermometers,Megger,Syncro transmitter\receiver,Photocell trainer kit,Ultrasonic sensor kit , soldering station, PA System with Speaker & Mic
	PROCESS CONTROL&SIMULATION LAB 	Cascade Control Loop ,Level Control Loop , Control valve Characteristics Loop ,Flow control Loop , Pressure Control loop , I/P converter trainer , Dead weight Tester , PLC Trainer kit ,LabVIEW , Desktop Computer (Compaq) - 7 Nos , Control valve Cut Section, DCS (Yokogawa) , Field Control Station(Yokogawa), Engg. Station(Yokogawa), ifm Sensors – 13 Nos,Desktop Computer (HP Pro3330MT) - 13 Nos, SMPS Power supply ,FRC with Gauge (4) ,Conductivity meter ,Portable Universal Calibrator ,DCS (Honeywell),Engg.Station,HART,SCADA ,Transmitter Interface Level ,PLC (Honeywell),Multi meter, pH /REDOX,DSO,Signal Generator, DC Power Supply, Pump Set, PID Controller, Air dryer,Electronic Weighing Balance,IC Tester, Desktop Computer(Dell Optiplex 3040) - 24 Nos. Software :- NI Labview 7.1 - 25 Nos, NI ELVIS - 1 Nos,Honewell Experion PKS 300 - 1 Nos

	MICROPROCESSOR LAB	Cathode Ray Oscilloscopes, Digital Storage Oscilloscope, Function Generators, DC power supply, DC Voltmeter DC Ammeter, Multi meters, IC Testers(Analog and Digital), Microprocessor Peripherals[Analog to Digital, Digital to Analog, Stepper Motor Interface, Traffic Control System] Decade Boxes(Resistance, Capacitance, Inductance), Trainer Kits[8085 Microprocessor, 8086 Microprocessor, 8051 Microcontroller, Digital IC, Key Board monitoring, ASLKv2010 (TI)], Raspberry Pi Scientific kit, Raspberry Pi Model B Essential kit(including 11'' HDMI monitor & Mini wireless keyboard& Mouse), Demonstration Boards [dsPICDEM2, CAN Bus Monitoring, MPLAB ICD2], FPGA Multifunction Evaluation system(Xilinx Spartan 3E), Anvyl Spartan 6 E FPGA Board, Universal Programmers, Desktop Computers, Multimedia projector, DSP Processor Kit, Beaglebone Black, NI-USB DAQ 6210 CARD, Software:-ORCAD PCB Suite (5 user license)
APPLIED ELECTRONICS AND INSTRUMENTATION	**FOURIER LAB**	Networking Switch(2 Nos), Networking Rack(1 Nos), Intel Core I5 Computer(25 Nos), HP Compaq 18.5 inch LED LCD Monitor(27 Nos), QE190AV Computer Workstation(2 Nos), Creative Satellite Speaker(5 Nos), Projector(1 Nos), DSO(2 Nos), Signal Generator(2 Nos), DSP Development Kit(9 Nos)
INFORMATION TECHNOLOGY	QUANTUM LAB	Server:- Sun Microsystems Ultra 20(2), HP Compaq 6005 Pro Microtower Amd Athlon ™ || X2 B24 processor(59), Dell optilplex Intel Core i3(4), Lenovo Think Centre (5 nos), Network Switches-Cisco(2), Netgear(2) Windows 2008 server, Windows XP Professional, Microsoft Office 2007, IBM Rational Rose (30), Ubuntu(63),
	ULYSSES LAB	1) Apple Mac Mini PC, Model MGEM2HN/A- Core i5,4 GB,500 GB, Mac OS X Yosemite with monitor, keyboard and mouse (10 nos) 2) Dell Optiplex 3020MT - Intel Corei3 / 4th Gen Proc / H81 Intel Chipset Motherboard / 4GB DDR3 RAM / 500GB HDD / NO ODD / KB / Optical Mouse / Dell E1916HV 18.5-inch

		LED Monitor / Ubuntu (24 nos) 3) Workstation, DELL Precision T1700 ,Xeon E3 1225V3,8 GB RAM,500 GB HDD,NVIDIA QUADRO 2 GB Graphics(with 21" monitor)/DOS (4 nos) 4) Thin Form Factor PC, ThinkCentre M73 Tiny Desktop without monitor,Ubuntu (5 nos) 5) 18.5-inch LED Monitor (1 no) 6) Graphics Accelerator, AMD FirePro W5100 100-505737 4GB 128-bit GDDR5 GRAPHIC CARD (1 no) 7) Linksys 24 Port Gigabit Switch with WebView SRW2024 (2 nos), Switch, Linksys SF300-24 24-Port 10/100 Managed (2 nos), 8 Port KVM Switch (1 no) 8) Cisco 2900 Routers & Router Ethernet Interface Cards (2 nos)
	KLEINROCK PG LAB-NETWORK ENGINEERING	Intel Xeon Computer(work station)-(1 nos), Core i3(10 nos) ,Core i5-(10 nos), Cisco router-Cisco2901(1 no), Cisco console cable(1 no), Cisco SG300 28 port managed switch(2 nos), Cisco Duel Band Signal Point Access point(2 nos), Netgear Prosafe 12 port Fiber Gigabit L2+PoE+ Managed Switch(1 no), Netgear AGM 731 F-SXLC-SEP(2 nos), Mrotek Transreceiver (1 no)10/100/1000 Cable Tester (1 no), EPSON EB-S02(LCD Projector-1 no)
COMPUTER SCIENCE & ENGINEERING	Bohr	1) Storage server for library. - Qnap storage 2) Photo server - SunFire x2200 3) Project server - SunFire x2200 4) Rset website backup server – Sunv20z 5) Civil file storage server - Hp DL320e

		6) Library Server.	-	Hp DL 80
		7) Rset website server.	-	PowerEdge R720
		8) Rset website server.	-	PowerEdge R720
		9) Rset Firewall	-	Cyberoam
		10) Hostel switch	-	Dell powerconnect
		11) College file server	-	Emc Storage
		12) Vodafone gateway	-	MUX device ISP
		13) Rset storage Backup – dell optiplex 390		
		14) Exam server – Hp Compaq 2355		
		15) Matlab 1 - Optiplex 740		
		16) Placement - Optiplex 390		
		17) Matlab 2 – sunfire v490		
		18) Library server – Hp 6005		
		19) Old email server – Hp 2355		
		20) 2 workstation and 1 placement - Optiplex 3020		
		21) Graphic workstation – dell precision 3620		
		22) Test machine – Lenovo think centre		
		23) Printer - Hplaserjet pro		
		24) Outreach server – dell optiplex 390		
		25) Switch – dlink des1024		
		26) Switch – netgear FS726T		
		27) Switch – cisco sg300		

		28) Switch –hppro curve poe 29) Switch – hp pro curve 181g Rack. 30) Biometric device - linux device biometric. 31) Rajagiri Hospital rack - Hp disaster recovery back server.
	Heisenberg	Dell Optiplex 3020,RAM :- 8 GB,HD:- 500 GB, i5, 65 nos, Dell Monitor 18.5 ' :- 65 nos. Dell Optiplex 3040, RAM:- 8 GB, HD:-500 GB, i5,3 nos, Dell Monitor 18.5' :- 3 nos EPSOD ES-S31 Projector
	CODD lab	HP Compaq (17) ,Dell Optiplex(6), Dell Optiplex 740 (1) EPSON EB-S31Projector
	Central computing Facility	HP Compaq DX 2335 Desktop (63 nos), HP 280 G1MT (3 nos), Kyocera Taskalfa 4501i , Konica Minolta Bizhub c 200 color printer, EPSON EB-525WProjector (1 no), Switches 7 nos, UPS Emerson 2 nos,Dell optiplex (5), 32 Batteries.
	Photon	Dell Optiplex 390(63)
	Turing	EPSON EB-S02 Projector, Dell Optiplex(25), [Dell precision t1600(3),Dell precision t35000(2),DellT410 server(1)] -shifted to cloud setup.

MECHANICAL ENGINEERING	Fluid Mechanics Laboratory	1. . Metacentric height apparatus 2. Bernoulli's Theorem Apparatus 3. Adjustable Channel Apparatus 4. Reynold's Apparatus 5. Pipe friction Apparatus 6. Calibration test rig for Venturi meter & Orifice meter 7. Pitot Tube Apparatus 8. Notch Apparatus 9. Orifice & mouth Apparatus 10. Cut Models of different Valves 11.Pipe die set, pipe wrench, spanners etc. .
	Heat Engine Lab	1. Twin Cylinder Four Stroke Diesel Engine Test Rig 2. Four Cylinder Four stroke Petrol Engine Test Rig 3. Single Cylinder Slow speed Diesel Engine (Retardation Test) 4. Multy Cylinder Diesel Engine Test Rig 5. Single Cylinder Two Stroke Petrol Engine- Test Rig 6. Cleaveland Flash & Fire Point Apparatus 7. Red Wood Viscometer 8. Bomb Calorimeter apparatus 9. MCPE Test Rig Apparatus

		10. Cut Section model of Single cylinder two stroke Petrol Engine
		13. Cut Section model of Single Cylinder four stroke Diesel Engine.
		14.Air Conditioning Test Rig
		15. Refrigeration Test Rig
	Machine Tools Lab	1. . Lathe-15 Nos
		2 MIG Welding Unit
		3. TIG Welding Unit
		4. Radial Drilling Machine
		5. Power Hack Saw
		6. Gas welding Unit
		7.Bench Grinding Machine
		8. Heavy duty Special purpose late with assy. 1 no
		8.Lathe assy. and Cutting tools
	Hydraulics Machine Lab	. Pelton Turbine Test Rig,
		2.Francis Turbine Test Rig,
		3. Kaplan Turbine Test Rig,
		4. Hydraulic Ram Test Rig,
		5. Gear Pump Test Rig,
		6. Jet Pump Test Rig,
		7. Malty Stage Pump Test Rig,
		8.Centrifugal Pump Test Rig,

		9.Reciprocating Pump Test Rig , 10. Self Priming Test Rig , 11. Cut Section model of Centrifugal Pump , 12. Cut Section model of Reciprocating Pump , 13. Cut Section model of Self Priming Pump, 14.Models of different pump Impellers and Turbine runners.
	CAD/CAM Lab	1Computer systems (hp Z 230 Tower workstations) 40 nos 2.Servor- 1 no. 3.Catia v6 FLM discover pack 33 user pack 4. Projection Screen 5. LCD Projector 6. ANSYS ACADEMIC TEACHING ADVANCED Version 11.0 - 5 users 7.ANSYS Fluent Academic Teaching software Version 6.3 - 25 users
	Advanced Machine Tools Lab	1. 1. Shaping Machine (Make:Sgar 18") - 8 nos 2. Slotting Machine (Make : KB Puncha 7") - 8 nos. 3. Universal Milling Machine with vertical attachment (BFW UV-2) - 1 no 4. Vertical milling machine (BFW VF – 2) 1no 5. Hydraulic Surface grinding machine (Make : Perfact) – 1No 6. Hydraulic Cylindrical grinding machine with internal boring attachment 1 no 7. Tool and cutter grinding machine (Make : ADDISON TC-30) - 1no 8. CNC turning centre (cnc lathe) HMT Stallion 100S – 1no.
	Mechanical Measurement	1 Bourdone pressure gauge trainer 1 no

		Lab	2 Michelson interferometer 1 no
			3 Gear tooth vernier 1 no
			4 Sine bar 1 no
			5 V-Block 1 no
			6 Surface plate 1 no
			7 Strain measurement trainer module 1 no
			8 Temperature measurement module 1 no
			9 Temperature measurement module (thermocouple) 1 no
			10 Planimeter 1no
			11 Digital sound level meter 1 no
			12 Anemometer 1 no
			13 Surface roughness 1 no
			14 Tool Makers microscope 1 no
			15 Profile Projector 1 no
			16 Inside micrometer 1 no
			17 Micrometer head 2 nos
			18 Magnetic stand 1 no
			19 Digimatic indicator 1 no
			20 Vernier calliper 1no
			21 Universal bevel protractor 1no
			22 Precision levels with adjusting 1 no
			23 Vibration measurement system 1 no

		24 Dial indicator 1no
		25 Digimatic calliper 1 no
		26 Maintenance kit for Gauge block 1 no
		27 Dauge block set 1 no
		28 Outside micrometer 1 no
		29 LVDT trainer kit 1 no
	MECHANICAL SYSTEMS LAB	1. Universal vibration test Rig, 2. Static & Dynamic Balancing Apparatus, 3. Universal GovernorApparatus 4. Balancing of reciprocating mass apparatus 5. Journal Bearing - Testing Apparatus 6. Thermal Conductivity of Insulating Powder (Heat Transfer through a Concentric Sphere) 7. Heat Transfer through Lagged Pipe Apparatus 8. Heat Transfer through Composite Walls Apparatus Model:HT01 9. Heat transfer through Natural Convection 10. Heat Transfer in Forced Convection 11. Stefan Boltzman Apparatus Model 12. Heat pipe Apparatus 13. Parallel flow counter flow heat exchanger 14. Critical heat flux apparatus

CIVIL ENGINEERING	Survey Lab	1. Theodolite - 11 Nos
		2. Plane Table- 11 Nos
		3. Pantagraph - 1 No
		4. Levelling staff - 10 Nos
		5. Tangent clinometer - 1 No
		6. Hand Level - 1 No
		7. Ceylon Ghat Racer - 1 No
		8. Box Sextant - 1 No
		9. Measuring Tape- 6 Nos
		10. Ball Pen Hammmer - 6 Nos .
		11. Steel Peg - 40 Nos,
		12.Total Station with accessories- 1 No.
		13.Teachers table- 1 No
		14. Students table -17 Nos.
		15.Plastic chair - 35 Nos.
		16. Steel Almeerah-2Nos.
		17. White board- 1No.
		18. Notice Board- 1 No.
		19.Wooden rack- 1 No.
	Civil Workshop	1.Land Measuring Chain - 12 Nos
		2. Ranging Rod/ Offset Rod - 38 Nos
		3. Cross Staff with Pole- 9 Nos

		4. Optical Square - 2 Nos
		5. Plane Table Set - 3 Nos
		6. Spirit Level - 2 Nos
		7. Magnetic Trough Compass - 2 Nos
		8. Planimeter - 1 No
		9. Levelling Staff- 5 Nos
		10. Dumpy Level - 8 Nos
		11. Prismatic Compass - 11 Nos
		12.Transit Theodolite - 1 No
		13. Plumbing Fittings - LS
		14. Arrows - 51 Nos
		15. Measuring Tape- 9 Nos
		16. Wooden Mallet - 3 Nos
		17. Wooden Peg - 17 Nos
		18. Plumb Bob - 3 Nos
		19. Vernier Caliperernier 4 Nos.
		20 . Teachers table - 1No.
		21. Students table-18No.
		22. Plastic chair- 32 No.
		23. Wooden stool- 5 No.
	Geo-Technical Lab	1. Pycnometer - 5sets
		2. Sieve shaker - 1set

		3. IS Brass sieves- 1set
		4. Soil Hydrometer-4no
		5. Is sieve 75microns- 1no
		6. High speed stirrer-1no
		7. Core cutter-1no
		8. Sand pouring apparatus-1no
		9. Liquid limit device-2no
		10. Spatula-4no
		11. Plastic limit apparatus-1no
		12. Shrinkage Limit-2no
		13. Compaction Test Apparatus-Ino
		14. Permeability Apparatus-1no
		15. Overhead Tank-1no
		16. Consolidation Apparatus-1no
		17. Direct Shear Test Apparatus-1no
		18. Triaxial Test Apparatus-1no
		19. Unconfined Compression Tester-1no
		20. Vane Shear Apparatus-1no
		21. Table: 18 Nos.
		22. Plastic Chair: 2
		23. Plastic Chair: 2
		24 Wooden stool: 33

		25. White board: 1No.
		26. Steel Almirah : 1 No.
		27. Computer: 1 No.
		28. Hot Air oven -1no
	MT LAB-I	1. Uninversal Testing Machine- 1
		2. Shear Test Attatchment -1 No.
		3. Extensometer- 1No.
		4. Torsion Testing Machine - 1 No.
		5. Impact Testing Machine- 1 No.
		6. Vickers Hardness Tester- 1 No.
		7. Rockwel cum Brinnel Hardness- 1 No
		Testing Machine
		8. Torsion Pendulam - 1 No.
		9. Clerkmaxwell Apparatus-1 No.
		10.Dial Gauge- 2 Nos
		11. Fatigue Testing Machine
		12. Teachers Table- 1 No.
		13. Jefferson Chair- 36 Nos.
		14. Steel Almirah- 1No.
		15. Notice Board- 1No.
		16. Plastic chair-2 No.
	Material Testing Lab II	1.Vicat Apparatus-1no

		2.Steel Mould-6nos
		3. Vibration machine-1no
		4. Automatic mortar mixer-1no
		5. Lechatelier mould-1no
		6. Lechatelier flask-1no
		7. Air permeability apparatus-1no
		8. Compaction factor apparatus-1no
		9. Slump test apparatus-1no
		10. Consistomter-1no
		11. Flow table-1no
		12. Kelly Ball Apparatus-1no
		13. Lateral Extensometer-1no
		14. Longitudinal Compressometer-1no
		15.Flexure Testing Machine-1no
		16. Pycnometer-5nos
		17. Bulk Density Measures-1set
		18. Tile Flexure strength Testing Machine- 1no
		19. Tile abration testing machine-1no
		20. Concrete Test hammer-1no
		21. Gauging trowel
		22. Tamping rod-4nos
		23.Concrete Mixer Pan type-1no

		24. Vibrating Table-1no
		25. Cast Iron mould-9no
		26. IS sieves GI- 2set
		27. IS sieves brass-2sets
		28. Cylindrical metal measure-1no
		29. Aggregate crushing value apparatus-1no
		30. Beam Mould 150x150x700-3nos
		31. Hot air oven-1no
		32. Beam Mould100x100x500-4nos
		33. Needle vibrator- 1no
		34. Electronic Balance10kg-1no
		35. Mechanical Platform300kg-1no
		36. Students table: 18
		37. Wooden stool: 36
		38. Steel Almeerah: 2Nos.
		39. Cylindrical mould-3no
	TRANSPORTATION ENGINEERING LAB	1. Buoyancy balance – 1no
		2. Thickness Gauge-1no
		3. Length Gauge-1no
		4. IS sieves GI frame 30cm dia- 1set
		5. IS sieves brass frame 20cm dia-1set
		6. Sieve shaker-1no

		7. Los angeles abrasion testing machine-1no
		8. Pycnometer -1no
		9. Marshall Apparatus-1no
		10. centrifuge extractor-1no
		11. Automatic compactor-1no
		12. Asphalt mixer- 1no
		13. Stripping value apparatus – 1no
		14. Cylinderical metal measures 30lit, 15lit and 3lit – 1no
		15. CBR Apparatus-1no
		16. Ring and ball apparatus-1no
		17. Ductility test apparatus-1no
		18. Specific gravity bottle- 3nos
		19. Pensky martens apparatus-1no
		20. Standard tar viscometer-1no
		21. thermometer 0 to 45degree-2no
		22. thermometer 40 to 85 degree-2no
		23. thermometer 76 to 122 degee-2no
		24. thermometer 5 to 110 degree-2no
		25. thermometer 90 to 370 degree – 2no
		26. Aggregate crushing value apparatus-1no
		27. Aggregate impact tester -1no
		28. Density basket- 1no

		29. Hot air oven – 1 no
ENGINEERING CHEMISTRY		Potentiometer-4, Colorimeter-4, Conductivity Meter-4, pH Meter-4, Electronic Balance-1,Magnetic Stirrer with hot plate-5, Magnetic Stirrer with stirrer-5, GLASSWARES,Chemicals.
ENGINEERING PHYSICS LAB		CRO, Optical Fibre Instrument, Diode Laser, Spectrometer, Travelling Microscope, Thermocouple
LANGUAGE LAB		Computers-36, headphones, air conditioners, White board, Display board, File Cabinet

10.15. Infrastructural Information

Classroom/Tutorial Room facilities	Class rooms	- 53
	Tutorial rooms	- 22
	PG Class rooms	- 8
	Seminar halls	- 9
	Drawing halls	- 8
	Central computing facility	- 1
	Computer Labs	- 9
	Central Library	- 1
	Department library	- 5
	Laboratories	- 46
	Workshops	- 6
	Conference Room	- 3
	HOD's rooms	- 8
	Auditorium	- 1
	Language Lab	- 1
	Examination Halls	- 5
Computer Centre facilities	806PC/Laptop available to students,36 PCS/Laptop in language lab, Internet Bandwidth in Mbps:130,Internet contention ratio:1:1 Printers available to the student:57 Number of Legal system software:5 Number of Legal Application software:25	

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Library facilities	Total Library Area in sq m	685.21 Sq.M.
	E Journal Subscription	E Journal Package: 1 .ASCE 2.ASME 3.IEEE/IEEE All-Society Periodical Package(ASPP) + IEEE Proceedings Order Plan ALL (POP ALL)
	Reading Room seating Capacity	201
	Reprographic Facility	Yes
	Working Hours from to	8.00 A.M. – 8.30 P.M. Sundays and Holidays – 9.30 A.M-4.00 PM
	Multimedia PCs and Digital library facilities	30 PCs

		Digital library facilities **E – Alethea** : RSET Digital library includes 1. Links to various sites of academic interest. 2. Public domain materials like Conference Papers, Electronic Theses and dissertations, Technical Reports, FAQ"s and electronic books. **Institutional Repository**: includes 1. Faculty collections : papers/articles/invited lectures. 2. Previous University Question Papers 3. RSET internal examination question papers. 4. Proceedings of the conference organized by RSET 5. Student project report and seminar report. **Video Library**: (Streaming video archive) Video lectures procured from NPTEL and C – DEEP IIT Bombay
	Total expenditure on books, journals and subscription	Rs. 4829836/-
	Current Annual Budget	Rs. 55,00,000-

Auditorium/Seminar halls/Amphi		Yes ,Available
Cafeteria		Yes ,Available
Indoor Sports facilities	Yes ,Available	
Outdoor Sports facilities	 Yes ,Available	

Gymnasium facilities	Yes ,Available
Facilities for disabled	Yes ,Available
Any other facilities	Transporting Post Office Healthcentre

10.16

Boys Hostel	Yes, Available
Girls Hostel	Yes, Available
Medical & other Facilities at Hostel	Yes, Available

10.17

Academic Sessions	Forenoon session and Afternoon Session
Examination system, Year/ Sem	Semester system
Period of declaration of results	After finalization of results by the university for every Semester

Counseling /Mentoring	Available

10.18

Career Counseling	Available
Students Activity Body	Available
Medical facilities	Available
Student Insurance	Available
Cultural activities	Group Insurance Available

10.19

Sports activities	Available
Literary activities	Available
Magazine /Newsletter	Available
Technical activities/Tech Fest	Available
Industrial Visits/Tours	Available
Alumni activities	Available

10.20.

Name of the Information Officer for RTI	DR. A. UNNIKRISHNAN
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CAY=Current Academic Year

*Repeat this template for each department / staff.
#Repeat this template for additional quota, if any.

^Add photographs