

# MANDATORY DISCLOSURE

Academic year 2023-24

**10.1.**

AICTE File No	F.No.South –West/1-10975791056/2022/EoA
Date & Period of last approval	12/07/2022 (2022-23)

**10.2.**

Name of the Institution	BASELIOS MATHEWS II COLLEGE OF ENGINEERING
Address of the Institution	LAKE VIEW, MUTHUPILAKADU, PORUVAZHY (P.O), SASTHAMCOTTA, KOLLAM DIST, KERALA, INDIA, PIN:690520
	
City & PinCode	KOLLAM, PIN:690520
State/UT	Kerala State
Longitude & Latitude	Longitude-76.3744, Latitude-9.225
Phone number with STD code	04762835579
FAX number with STD code	04762835579
Office hours at the Institution	9.00A.M-5.00P.M
Academic hours at the Institution	9.00A.M-4.30P.M
Email	<a href="mailto:bm2coe@gmail.com">bm2coe@gmail.com</a> , <a href="mailto:info@bmce.ac.in">info@bmce.ac.in</a>
Website	<a href="http://www.bmce.ac.in">www.bmce.ac.in</a>
Nearest Railway Station (distinkm)	Sasthamcotta(8kms), Kollam Junction (29 kms)
Nearest Airport (distinkm)	Trivandrum International Airport(90kms)

**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	DR. C.T EAPEN TRUST
Type of the organization	Trust
Address of the organization	LAKE VIEW, MUTHUPILAKAD SASTHAMCOTTA KOLLAM - 690520
Registered with	SUB REGISTRAR, ADOOR, PATHANAMTHITTADIST., KERALA,
Registration Date	01.01.1970
Website of the organization	<a href="http://www.ctetrust.org">www.ctetrust.org</a>

**10.5.**

Name of the affiliating University	University of Kerala, APJ Abdul Kalam Technological University
Address	Thiruvananthapuram, Kerala, India
Website	<a href="http://www.keralauniversity.ac.in">http://www.keralauniversity.ac.in</a> , <a href="http://www.ktu.edu.in">www.ktu.edu.in</a>
Latest affiliation period	2022-2023

**10.6.**

Name of Principal/Director	Dr.L. PADMA SURESH
Exact Designation	Principal
Phone number with STDcode	0476-2835579

FAX number with STD code	0476-2835579
Email	<a href="mailto:bm2coe@gmail.com">bm2coe@gmail.com</a>
Highest Degree	Ph.D (EE), Ph.D(CS)
Field of Specialization	Electrical and Electronics Engineering

Name of the affiliating University		
APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY, Thiruvananthapuram	<b>Address</b> Phone No e-mail	CET Campus, Alathara Rd, Ambady Nagar, Thiruvananthapuram, Kerala 695016 0471 2785699 <a href="mailto:university@ktu.edu.in">university@ktu.edu.in</a>

### GOVERNING BOARD MEMBERS

Board of Trustees		
SLNo.	Name	Designation
1	H H Baselios Marthoma Mathews III	Chairman
2	H.G. Zachariah Mar Anthonios Metropolitan	Manager
3	H.G. Yakob Mar Elias Metropolitan	Trustee
4	H.G Zacharias Mar Aprem Metropolitan	Trustee
5	H G Dr. Joseph Mar Dionysious Metropolitan	Trustee
6	Rev. Fr. C. Daniel	Trustee
7	Justice J B Koshy	Trustee
8	Rev. Fr. Thomas Varghese Chavadyil	Secretary

### 10.7

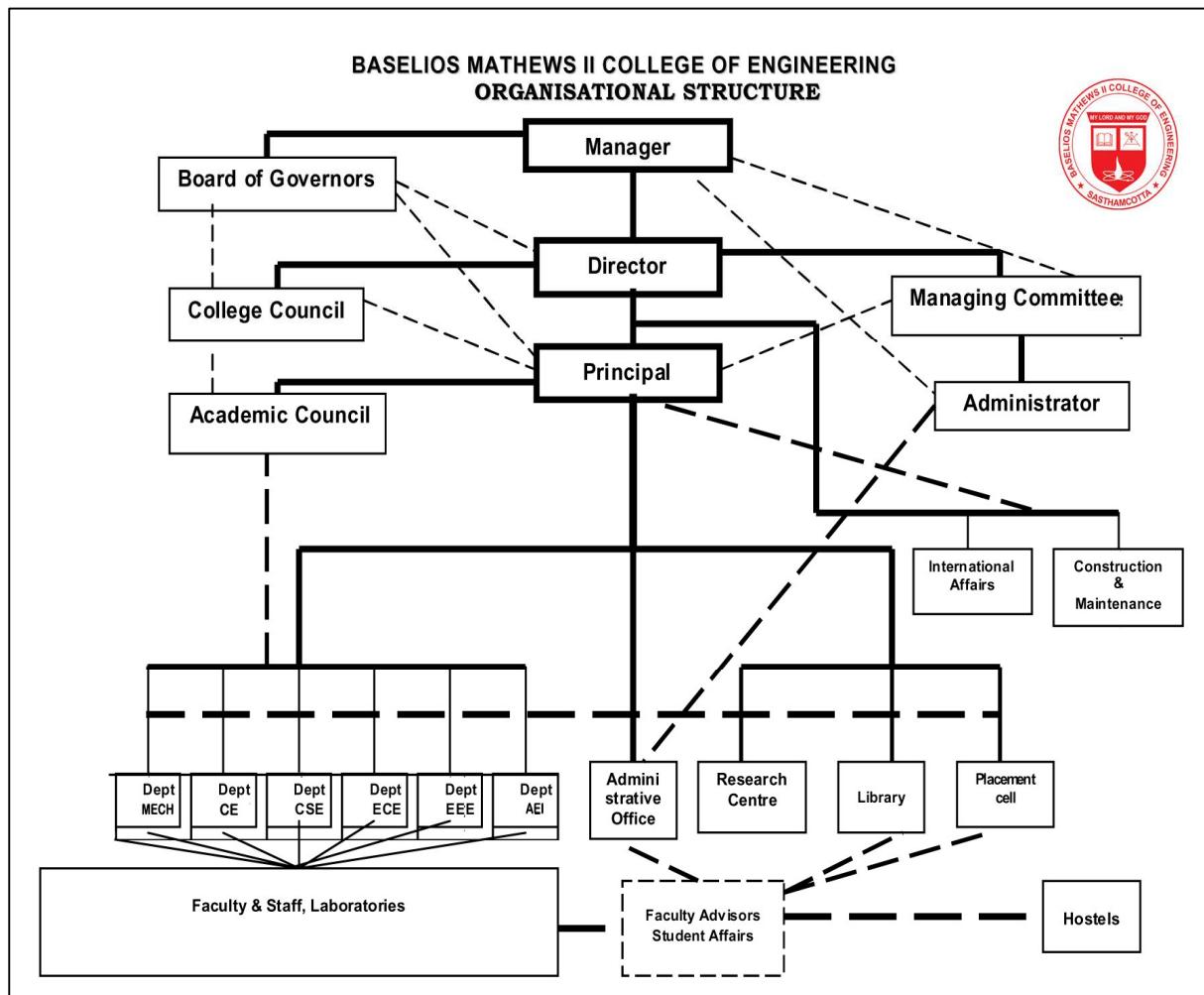
Executive Committee of the College (Managing Committee)		
SLNo.	Name	Brief background & Designation
1	H H Baselios Marthoma Mathews III	Chairman

2	H.G. Zachariah Mar Anthonios Metropolitan	Manager
3	H.G. Yakob Mar Elias Metropolitan	Member
4	H.G Zacharias Mar Aprem Metropolitan	Member
5	Rev. Fr. Thomas Varghese Chavadyil	(Secretary, Dr.C.T Eapen Trust) Director, BMCE
6	Rev. Fr. C Daniel	Superior Mount Horeb Ashramam , Member
7	Dr. George Varghese	(Former Principal, Catholicate College, Pathanamthitta) - Member
8	Er. Binu M Issac	(Professor, Amal Jyoti Engineering College, Kanjirappally) , Member
9	Adv. Philip Mathews	(High Court of Kerala), Member
10	Prof. D.K. John	(Former Syndicate Member, Kerala University) Member
11	Mr. Johnson Oommen	(Industrialist and Businessman), Member
12	Dr. L. Padma Suresh	(Principal, BMCE)
13	Mr. Ajayan C	(Additional Secretary to Higher Education), Govt. Nominee
14	Mr. Chandra Bose J	Proficient Industrialist nominated by trust/college
Frequency of meetings & date of last meeting		05/01/2022

### 10.8

Academic Advisory Body	<ol style="list-style-type: none"> <li>1. Rev. Fr. Thomas Varghese Chavadyil (Director)</li> <li>2. Dr. L. Padma Suresh (Principal)</li> <li>3. Dean Academic</li> <li>4. Chief Coordinator, Advisory System</li> <li>5. Heads of Departments</li> </ol>
Frequency of meetings & date of last meeting	Meetings are held regularly to discuss various policy and academic matters relating to the institution

### 10.9. Organizational Chart



10.10

Student feedback mechanism on institutional Governance/faculty performance	Yes, available
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10.11

Grievance redressal mechanism for faculty,	Yes, available
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Staff and students	
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### 10.12

Programmes		Level	Intake2023-24	NBA Accreditation
SNo.	Course Name			
1	Civil Engineering	UG	30	Not accredited
2	Mechanical Engineering	UG	30	Accredited
3	Electrical and Electronics Engineering	UG	30	Not accredited
4	Electronics and Communication Engineering	UG	30	Not accredited
5	Computer Science and Engineering	UG	120	Accredited
6	Artificial Intelligence	UG	60	Not Accredited
7	MBA	PG	60	Not Accredited

NBAAccreditationStatus	
Courses Accredited	Computer Science and Engineering
	Mechanical Engineering
Applied for Accreditation	NIL

NAAC Accreditation Status	
Accredited	B+

### 10.13

	UG-B.Tech	1 <sup>st</sup> Year of approval by the Council	Year wise sanctioned intake	Actual admissions 2022-23	Cut off marks- General quota
2022-23	CSE	2002	120	119	Candidates who have passed higher secondary examination, Kerala or Examinations recognized as equivalent there to with 45% marks in Mathematics, Physics and Chemistry put together are eligible for admission under Government quota and Management quota in private self financing Engineering Colleges.
	ECE	2002	30	18	
	EEE	2006	30	13	
	CE	2008	60	18	
	ME	2010	30	19	

<b>PG- M.Tech</b>				Candidates having passed Bachelors degree in Engineering/Technology (BE/B.Tech) in the relevant discipline with at least 60% Marks.
CS	2013	18	1	

	ECE	AEI	CSE	EEE	CE	MECH
Professional Society Memberships	IEEE Membership taken by some students	IEEE Membership taken by some students	ISTE Student Chapter	ISTE Student chapters	Nil	The department of Mechanical Engg. In the college joined the elite rank of ASME sections in 2012
Professional activities	BMC Technologies, an in-house product development company which acts as an innovation and Entrepreneurship development centre was established. Faculty development program in Arduino at mega controllers	BMC Technologies, an in-house product development company which acts as an innovation and Entrepreneurship development centre was established. Faculty development program in Arduino at mega controllers	Three Workshops, 1 invited lecture and 8 faculty development programme classes were conducted.	One Invited lecture. Faculty development program attended	2 invited lectures conducted. Faculty attended Tequip classes.	A team from the college took part in HPVC India held at IIT Delhi and won first position in Safety and eighth position in overall. A team from the college took part in SPDC-'14 held at Bits, Pilani Rajasthan and won 4 <sup>th</sup> position in water rocketry. (student Design Challenge) among 45 Colleges.
Consultancy activities	Nil	Nil	Offers consultancy for educational software products, accreditation automation and network design and administration	Started energy audit cell in collaboration with KSEB	Sample testing for Indian railways conducted.	Nil
Grantsfetched	Nil	Nil	Nil	Nil	Nil	Nil

Departmental Achievements	NAAC accreditation achieved in 2020 Attained better results and better ranking in University Level	NAAC accreditation achieved in 2020 Attained better results and better ranking in University Level	Accredited By NBA in 2022. NAAC accreditation achieved in 2020 Conducted short term courses to faculty and students for improvement of quality.	NAAC accreditation achieved in 2020 Electrical and electronics Engg. Association was inaugurated.	NAAC accreditation achieved in 2020 Ranking changed from 17 <sup>th</sup> position to 9 <sup>th</sup> position in Kerala University	Accredited By NBA in 2022. NAAC accreditation achieved in 2020 Secured sixth position among 34 Engineering colleges under university of Kerala in 4 <sup>th</sup> sem B.Tech Exam April-May 2013. Two Students of 2011-2015 Batch were selected as Zonal representatives of ASME.
Distinguished Alumni	Meeting Held	Meeting Held	Meeting Held	Meeting Held	Meeting Held	Meeting Held

## 10.14

(Profile of the Faculty attached)

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	Established Lab View Academy in the college in collaboration with National Instruments Bangalore. The college has established tie-up with companies like Microsoft, Yokogawa and Prolific

## LIST OF FACULTIES

FacultyData								
S No	Faculty ID	Title	MiddleName	FirstName	LastName	Designation	Dept.	DateofJoining
1	1-3234934830	Dr.		LEKSHMIKANTHAN	PADMA SURESH	PRINCIPAL	CS	1/6/2016
2	1-456786905	Mr.		OOMMEN	SAMUEL	PROFESSOR	CE	1/2/2010
3	1-7428807958	Dr.		MADHUSOOADANAN	PILLAI	VICE-PRINCIPAL	ME	16/2/2023
4	1-1496192652	Mr.		VISHNU	VIJAYAN	ASST.PROFESSOR & HOD	CE	29-11-2012
5	1-9509188808	Mrs.		BETZY	BABU	ASST.PROFESSOR	CE	22-03-2021
6	1-4380719380			ATHIRA	SIDHARTHAN	ASST.PROFESSOR	CE	11-10-2021
7	1-737038686	Miss	V	SARITHA	RAJAPPAN	ASST.PROFESSOR	CE	16-12-2021
8	1-11336198417			LAFIYA	S L	ASST.PROFESSOR	CE	09-12-2021
9	1-9514018558	Mrs.		GIJI	SONIA	ASST.PROFESSOR	CE	09/06/2022
10	1-3380130463	Mr.		HARIKRISHNAN	G	ASST.PROFESSOR	CE	17/08/2022

11	1-11017401587	Mrs.		RAJALEKSHMI	P	ASST.PROFESSOR	CE	26/08/2022
12	1-3670164495	Ms.	M	RESHMA	RAJU	ASST.PROFESSOR	CE	14/09/2022
13	1-7489226532	Ms.		ANJALI	NAIR	ASST.PROFESSOR	CE	
14	1-453455863	Mr.		IBRAHIM KUNJU	SHAMIM	ASSO.PROFESSOR & HOD	ME	2/1/2006
15	1-431283483	Dr.		KIM	SEELAN	ASSO.PROFESSOR	ME	29-03-2021
16	1-1495774645	Mr.	SAM	ABRAHAM	THOMAS	ASST.PROFESSOR	ME	23-04-2012
17	1-4713575857	Mr.		.	NIKHIL MOHAN	ASST.PROFESSOR	ME	28-01-2019
18	1-9470865764	Mr.		HARIKRISHNAN	RAJENDRAN	ASST.PROFESSOR	ME	28-09-2020
19	1-9525022344	Mr.	RAMACHANDRAN	SREEKUMAR	PILLAI	ASST.PROFESSOR	ME	31-03-2021
20	1-11139944511	Mrs.		SHEHNA	SALIM	ASST.PROFESSOR	ME	1/11/2021
21	1-11333671678	Mr.	P	MIDHUN	MATHEW	ASST.PROFESSOR	ME	16-07-2021
22	1-4560823577	Ms.		CINI	BABUJI	ASST.PROFESSOR	ME	24-09-2021
23	1-43362652812	Mr.		ASHISH	A S	ASST.PROFESSOR	ME	19/10/2022
24	1-3208967006	Dr.	S	NISHI	DAS	ASSO.PROFESSOR	EE	17/08/2022
25	1-453764613	Mr.		VISHU	VIDYADHARAN	ASST.PROFESSOR	EE	6/8/2010
26	1-452510047	Ms.	UDAYAKUMAR	CHINNU	SREEJA	ASST.PROFESSOR	EE	24-06-2009
27	1-749627354	Mrs.		MADHUSOOADA	KARTHIKA	ASST.PROFESSOR	EE	24-06-2011

				NAN PILLA				
28	1-452633214	Mrs.		SURENDRAN	SUJATHA	ASST.PROFESSOR	EE	22-09-2009
29	1-452724496	Ms.	A	PRIYA	GEEVARGHESE	ASST.PROFESSOR	EE	24-06-2009
30	1-4526945314	Mrs.		SONIA	DATHAN	ASST.PROFESSOR	EE	18-07-2018
31	1-7361101146	Mrs.		SHYMA	SHAMSUDEEN	ASST.PROFESSOR	EE	21-02-2019
32	1-3569624723	Mrs.		ANU	VARGHESE	ASST.PROFESSOR	EE	17-07-2017
33	1-43356831750	Ms.		PRETTY	PANCHAVARNAN	ASST.PROFESSOR	EE	11/07/2022
34	1-1493159205	Mr.	KUMAR	MANOJ	PRABHAKARAN VIJAYALAKSHMI	ASSO.PROFESSOR	EC	4/9/2005
35	1-452551161	Mr.	THULASEEDH ARAN PILLAI	NIDHIN	GEETHA	ASST.PROFESSOR & HOD	EC	17-07-2006
36	1-455195691	Mrs.	THOMAS	MANJU	KURIAN	ASST.PROFESSOR	EC	26-05-2003
37	1-452510041	Mrs.	SERA	.	PRINCY SERA RAJAN	ASST.PROFESSOR	EC	24-06-2009
38	1-746374574	Ms.	S	SUDARSANA BABU	DARSANA	ASST.PROFESSOR	EC	24-06-2011
39	1-747322145	Mrs.	ROSE	STEFFI	PUNNOOSE	ASST.PROFESSOR	EC	24-06-2011
40	1-452827261	Mrs.		GEETHA DEVI	SARIKA	ASST.PROFESSOR	EC	9/4/2007
41	1-452633219	Mrs.	NEPOLIAN	PRIYA NEPOLIAN	FERNANDES	ASST.PROFESSOR	AE	29-07-2008

42	1-756389547	Miss	MARIAM	ASHA	JACOB	ASST.PROFESSOR	AE	28-11-2011
43	1-1493262288	Mrs.		SAMEENA	SHAMEEM	ASST.PROFESSOR	AE	27-07-2007
44	1-4641422344	Mr.		ABY	RAJU	ASST.PROFESSOR	AE	3/1/2019
45	1-11331950907	Mr.		DENNISE	MATHEW	ASST.PROFESSOR	CS	11/08/2022
46	1-3234934860	Dr.	KRISHNA	SRIKRISHNAKUMAR	KRISHNAVENI	ASSO.PROFESSOR	CS	3/10/2016
47	1-454378329	Dr.	RAJ	SHINE	GOPINATHAN	ASSO.PROFESSOR	CS	15-02-2007
48	1-10989838661	Dr.		GOURI	M S	ASSO.PROFESSOR	CS	13/06/2022
49	1-452884102	Mr.		.	JAYAKRISHNAN	ASST.PROFESSOR	CS	17-07-2006
50	1-452936207	Ms.		.	MANOLEKSHMI	ASST.PROFESSOR	CS	24-06-2009
51	1-757945334	Mrs.	V	VIJAYAMAKAVITHA	KARUNAKARAN PILLAI	ASST.PROFESSOR	CS	30-07-2008
52	1-43356831546	Mrs.		GEETHUMOL	P V	ASST.PROFESSOR	CS	16/05/2022
53	1-11139944518	Mrs.	ELSA	ANJU	KOSHY	ASST.PROFESSOR	CS	14-07-2021
54	1-11334558242	Mrs.	ANN	ANUJA	MANI	ASST.PROFESSOR	CS	05-08-2021
55	1-2191268115	Mrs.		SANDHYA	S	ASST.PROFESSOR	CS	06-12-2021
56	1-7444937201	Mrs.		DEEPTY	S	ASST.PROFESSOR	CS	16-06-2023
57	1-33292881031			HIMA	MOHAN	ASST.PROFESSOR	CS	
58	1-453028971	Mrs.		REENA	GEORGE	ASST.PROFESSOR	H & S	9/10/2002

59	1-461129611	Mrs.		MANJU	JACOB	ASST.PROFESSOR	H & S	24-08-2006
60	1-2191268115	Mrs.		SANDHYA	I	ASST.PROFESSOR	H & S	24-07-2014
61	1-453405971	Mrs.	CHANDRAN	SANGEETHA	CHANDRA SEKHARAN PILLAI	ASST.PROFESSOR	H & S	31-10-2003
62	1-2191332535	Ms.		SINY	GEORGE	ASST.PROFESSOR	H & S	5-9-2013
63	1-453946747	Mrs.		KESYAMMA	PHILIPHOSE	ASST.PROFESSOR	H & S	9-7-2010
64	1-2991740886	Mrs.		NEETHULEKSH MI	GEETHAKUMARI	ASST.PROFESSOR	H & S	30-07-2015
65	1-43356672605			ANIJA	RAJAN	ASST.PROFESSOR	H & S	
66	1-2966354957	Dr.		KOSHY VAIDYAN	MATHEW VAIDYAN	COUNSELLOR HEAD	H & S	9/11/2013
67	1-9512135159	Mr.	NAZARUDHE EN	NABIN	VAHIDA	ASST.PROFESSOR	H & S	1/6/2016
68	1-43356672650	Mrs.		JINCY	MATHEW	ASST.PROFESSOR	H & S	01/06/2022
69	1-7513966273	Ms.		ZINA	RAVINDRAN	ASST.PROFESSOR	H & S	14/06/2023
70	1-7352606847	Mr.		ROY	SAMUEL	ASST.PROFESSOR	MBA	26/04/2023
71		Mr.		MUHAMMED	SHAFFI	ASST.PROFESSOR	H & S	20-09-2016

**Profile of Head of the Institution**

Name	DR. L. PADMA SURESH
Designation	PRINCIPAL

Date of Birth	17-08-1978
Unique ID	1-3234934830
Education Qualifications	Ph.D(CSE) & Ph.D(EEE)
Work Experience	21
Teaching	21
Research	12
Area of Specialization	Image Processing
Courses taught	UG&PG
Research guidance (Number of Students)	11
No. of papers published in National/ International Journals/ Conferences	205

Tuition Fee Details						
S No.	CourseName	Level	Yearly/Half Yearly	Govt.	Management	NRI
1	Civil Engineering	UG	Yearly	45000	35000	50000
2	Mechanical Engineering	UG	Yearly	45000	45000	65000
3	Electrical and Electronics Engineering	UG	Yearly	30000	35000	40000
4	Electronics and Communication Engineering	UG	Yearly	30000	35000	40000
6	Computer Science and Engineering	UG	Yearly	70000	70000	100000
7	Artificial Intelligence	UG	Yearly	60000	60000	100000
8	MBA	PG	Yearly			

Admission quota	
Entrance test/admission criteria	Admission is based on the rank list published by CEE, Kerala
Cutoff/last candidate admitted	<p><b>B.Tech</b> - Candidates who have passed higher secondary examination, Kerala or Examinations recognized as equivalent there to with 45% marks in Mathematics, Physics and Chemistry put together are eligible for admission under Government quota and Management quota in private self financing Engineering Colleges.</p> <p><b>M.Tech</b> - Candidates having passed bachelors degree in Engineering/Technology (BE/B.Tech) in the relevant discipline with at least 60% Marks.</p>

Number of Fee Waivers offered	3 Students from each branch were comes under AICTE Fee Waiver Scheme. SC/ST/OEC students are exempted from payment offers at The time of admission. Their scholarship will be sanctioned by the welfare Department of the Government.
PIO quota	No quota

#### 10.15. Infrastructural information

Classroom/Tutorial Room facilities	30 classrooms 18 Tutorial rooms
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#### List of Major Equipment/Facilities

Sl.NO	NAME OF THE LAB	Room No./Area/Users	LIST OF MAJOR EQUIPMENT/FACILITIES
<b>FIRST YEAR LABS</b>			
1	ENGINEERING WORKSHOPS	AREA: 750 SQ.M ROOM NO: BLOCK – C  S1 & S2 ECE, AEI, CSE, EEE, CE, ME	Fitting Shop  Carpentry Shop  Smithy Shop  Welding Shop  Painting and Sheet metal Shop  Foundry Shop  Plumbing Shop  Stores.
<b>ODD SEMESTER LABS</b>			

2	COMPUTER AIDED DRAFTING AND MODELLING LAB	Area : 251.80 Sq M Room No: S3 ME	30 Systems Solid Works 2010 (30 Users)
3	PRODUCTION ENGINEERING LAB	Area : 375 Sq M Room No:1 Block C S5 ME	NAGMATI LATHE -16 Nos SHAPER -5 Nos SLOTTER -4 Nos HACKSAW M/C - 1 No PLANNER - 1 No TOOL GRINDER -1 No DRILLING M/C - 1 No
4		AREA: 251.80 SQ.M ROOM NO:107A& 107B S3 CSE	Computer Terminals : 80 Nos. Server Computer : 1 No. Printer : 5 Nos. DVD Writer : 1 No. Scanner : 1 No.
5	MINI PROJECT / OOP LAB	AREA: 251.80 SQ.M ROOM NO: 107A & 107B S5 CSE	Computer Terminals : 80 Nos. Server Computer : 1 No. Printer : 5 Nos. DVD Writer : 1 No. Scanner : 1 No.
6	APPLICATION SOFTWARE DEVELOPMENT LAB	AREA: 251.80 SQ.M ROOM NO: 107A & 107B S5 CSE	Computer Terminals : 80 Nos Server Computer : 1 No. Printer : 5 Nos. DVD Writer : 1 No. Scanner : 1 No.
7	COMMUNICATIONL AB	ALGORITHM DESIGN & GRAPHICS LAB	Computer Terminals : 80 Nos. Server Computer : 1 No.

		ROOM NO: 107A & 107B S8 CSE	Printer : 5 Nos. DVD Writer : 1 No. Scanner : 1 No.
8	ELECTRONIC CIRCUITS LAB	AREA: 134.80 SQ.M ROOM NO: 201, S5 EEE	Oscilloscope 20 MHz : 10, Dual trace Function Generator : 5 No 1 Mhz Function Generator : 5 0 - 30 V 2 Amps : 10 Nos. Power Meter (AF) : 1 Nos.
9	ELECTRONIC DEVICES LAB	AREA: 73.5 SQ.M ROOM NO: 216A S3 ECE, AEI, CSE	Oscilloscope 20 MHz : 10, Dual trace Function Generator : 5 No 1 Mhz Function Generator : 5 0 - 30 V 2 Amps : 10 Nos. Power Meter (AF) : 1 Nos.
10	DIGITAL ELECTRONICS LAB	AREA: 74.2 SQ.M ROOM NO: 116 S3 ECE	Digital Trainer Kit : 20 Nos. Digital IC Tester : 1 No Oscilloscope 20 MHz : 2 Nos.
11	COMMUNICATION ENGINEERING LAB	AREA: 76.32 SQ. M ROOM NO: 216 B S5 ECE	Oscilloscope 30 MHz : 10 Nos. Dual Trace DC Regulated Power Supply : 10 Nos. +/- 15 V 1 Amps Function Generator : 10 Nos.
12	INDUSTRIAL ELECTRONICS LAB	AREA: 111.30 SQ.M ROOM NO: 217 A S7ECE	Oscilloscope 30 MHz : 10Nos. DC Regulated Power Supply : 10 Nos. +/- 15 V 1 Amps Function Generator : 10 Nos.

13	POWER ELECTRONICS LAB	AREA: 111.30 SQ.M ROOM NO: 217 A S5 AEI	Oscilloscope 30 MHz : 10Nos. DC Regulated Power Supply : 10 Nos. +/- 15 V 1 Amps Function Generator : 10 Nos.
14	ELECTRONIC CIRCUITS AND SIMULATION LAB	AREA: 111.30 SQ.M ROOM NO: 217 A S3 AEI	Oscilloscope 30 MHz : 10Nos. DC Regulated Power Supply : 10 Nos. +/- 15 V 1 Amps Function Generator : 10 Nos.
15	COMMUNICATION SYSTEMS LAB	AREA: 76.32 SQ. M ROOM NO: 216 B S7 ECE	Oscilloscope 30 MHz : 10 Nos. Dual Trace DC Regulated Power Supply : 10 Nos. +/- 15 V 1 Amps Function Generator : 10 Nos.
16	MEASUREMENTS & INSTRUMENTATION LAB	AREA: 76.10 SQ.M ROOM NO: 216 S5 EEE	Pressure measurement trainer : 1 No. Thermo couple Module : 2 No Strain measurement trainer : 2 Nos. Displacement trainer using LVDT : 2 Nos. Area Transducer : 1 No. Diode Thermometer : 1 No.

			PLC Trainer kit : 1 No E to P Converter : 2 Nos. Photo Cell Trainer : 1 No. RTD Module : 1 No. Level measurement trainer : 1 No.
17	ELECTRICAL & ELECTRONICS WORKSHOP	AREA: 200 SQ.M ROOM NO: B7 S3 EEE	Oscilloscope Dual trace : 3 Nos. Power Supply : 6 Nos. Function Generator - 1 MHz : 2 Nos. P C B Drilling Machine 1 Nos. Wiring Boards Drilling Machine Asserted tools such as Hammers Chisels Pockers Sledge Hammer Wooden Hammer Hacksaw Woodcutter Supply Boards MCB(Miniature Circuit Breaker)
18	CONTROL SYSTEM LAB	AREA: 143.40 SQ.M ROOM NO: 207 B S7 AEI	Software(Lab VIEW ) Professional System : 50 User. Computer Terminels :30 Nos NI ELVIS II Basic bundle with Integrated

			<p>Instruments : 1 Nos</p> <p>Inverted Pendulum add on board for ELVIS : 1 Nos</p> <p>NI USB- 6009 DAQ Card : 1 Nos</p> <p>Microprocessor based DC motor controller : 1 Nos</p> <p>Analog PID controller : 1 Nos</p>
19	DIGITAL SIGNAL PROCESSING LAB	AREA: 123.56 SQ. M ROOM NO: 106 S5ECE	<p>Computer Systems with SPICE and MATLAB : 35 Nos.</p> <p>DSP Trainer Kit</p>
20	BIOMEDICAL & SIGNAL PROCESSING LAB	AREA: 123.56 SQ. M ROOM NO: 106 S7 AEI	<p>ECG</p> <p>EEG</p> <p>Respiration Rate measurement.</p> <p>PH Measurement</p> <p>DSP Trainer Kit</p>
21	FLUID MECHANICS LAB	AREA: 200 SQ.M ROOM NO: BLOCK B S3 EEE, S4 ME, S4 CE	<p>Kaplan Turbine</p> <p>Variable Speed Centrifugal Pump</p> <p>Meta centric Height Apparatus</p> <p>Francis Turbine Test Rig</p> <p>Pelton Wheel Test Rig</p> <p>Single Stage/Constant Speed Centrifugal Pump Test Rig</p> <p>Multi Stage/ Multi Speed Centrifugal Pump Test Rig</p>

			<p>Reciprocating Pump Test Rig</p> <p>Venturimeter Apparatus</p> <p>Orifice meter Apparatus</p> <p>Notch Apparatus</p> <p>Frictional pipe Apparatus</p>
22	ELECTRICAL MACHINES II LAB	<p>AREA: 375 SQ.M</p> <p>ROOM NO: BLOCK B            S7 EEE</p>	<p>DC Generator For conducting OCC</p> <p>DC Shunt and Compound Generator</p> <p>DC Series Motor</p> <p>Coupled Machines for conducting Hopkinton's Test</p> <p>Single Phase and Three Phase Transformers.</p> <p>Alternator Coupled with DC Motor</p> <p>Synchronizing Panel</p> <p>Loading Inductor – Single Phase</p> <p>Loading Inductor – Three Phase</p> <p>Three Phase Loading Capacitor</p> <p>Single Phase Loading Capacitor</p> <p>Three Phase Loading Rheostat</p> <p>Single Phase Loading Rheostat</p> <p>Slip Ring Induction Motor with loading arrangement</p> <p>Squirrel Cage Induction Motor</p> <p>Star / Delta Starters</p> <p>Two Speed Induction Motor</p> <p>Induction Generators</p> <p>Single Phase Induction Motor</p>

23	INTERNAL COMBUSTION ENGINES LAB	Area : 200 Sq M Room No:2 Block B S4 ME	Single Cylinder Petrol/ Diesel Engine Multi Cylinder Petrol/ Diesel Engine Single Cylinder four stroke Petrol engine Single cylinder four stroke Diesel engine Multi cylinder Petrol engine Multi cylinder four stroke Diesel engine Cut section of single cylinder Petrol/Diesel engine Air Compressor Air Blower Retardation Test Rig Heat Balance Test Rig Junker's Gas Calorimeter Bomb Calorimeter Flash and Fire Point Apparatus Redwood Viscometer
24	POWER SYSTEM LAB	AREA: 155 SQ.M ROOM NO: BLOCK E S7 EEE	100KV High Voltage Test Kit High Voltage String Insulators High Voltage Lightning Arrestors 150 mm Motorized Sphere Gap 150 KV 225 Joules 5 Stage Impulse Generators 30 KV Test Kit/Dielectric Strength Tan Delta Meter and Schering Bridge Earth Resistance Measuring Kit Power Factor Improvement Studying Unit Three Phase energy Meters

			<p>Current Transformers</p> <p>Potential Transformers</p> <p>Watt Meter</p> <p>Digital AC Peak Volt Meter</p> <p>Three Phase Auto Transformer</p> <p>Single Phase Auto Transformer</p> <p>Digital Storage Oscilloscope</p> <p>Equipment for measurement of transient and sub transient reactors</p> <p>Energy Meter Test Kit</p> <p>Electromagnetic Relays</p> <p>Solid State Relays</p> <p>Universal Test Kit</p> <p>Microprocessor Controlled Relays</p>
25	THERMAL LAB	<p>AREA: 10 SQ.M</p> <p>ROOM NO: ME BLOCK</p> <p>S7 ME</p>	<p>PARALLEL AND COUNTER FLOW HEAT EXCHANGERS APPARATUS</p> <p>HEAT TRANSFER BY FORCED CONVECTION APPARATUS</p> <p>HEAT TRANSFER FROM NATURAL CONVECTION APPARATUS</p> <p>EMMISSIVITY MEASURING APPARATUS</p> <p>HEAT TRANSFER THROUGH COMPOSITE WALL APPARATUS</p> <p>REFRIGERATION TEST RIG</p> <p>AIR CONDITIONING TEST RIG</p> <p>CALIBRATION OF THERMOCOUPLE</p> <p>CALIBRATION OF PRESSURE GAUGE</p> <p>HEAT PIPE DEMONSTRATOR</p>

			<p>THERMAL CONDUCTIVITY OF LIQUID APPARATUS</p> <p>STEFAN BOLTZMAN'S APPARATUS</p> <p>HEAT TRANSFER THROUGH PIN FIN APPARATUS</p>
26	METROLOGY LAB	<p>AREA: 94 SQ.M</p> <p>ROOM NO: ME BLOCK</p> <p>S7 ME</p>	<p>OUTSIDE MICROMETER</p> <p>DIAL GAUGE WITH MAGNETIC STAND</p> <p>VERNIER HEIGHT GAUGE 300 MM</p> <p>SLIP GAUGE 87 PCS GRADE I</p> <p>VERNIER CALIPER W/O FINE ADJ 150 MM</p> <p>VERNIER CALIPER W/O FINE ADJ 300 MM</p> <p>VERNIER CALIPER WITH FINE ADJ 150 MM</p> <p>VERNIER CALIPER WITH FINE ADJ 300 MM</p> <p>FEELER GAUGE</p> <p>GEAR TOOTH VERNIER CALIPER</p> <p>VERNIER &amp; DEPTH GAUGE W/O FINE ADJ 150 MM</p> <p>VERNIER DEPTH WITH FINE ADJ: 150 MM</p> <p>VERNIER DEPTH GAUGE W/O FINE ADJ:</p> <p>300 MM</p> <p>VERNIER DEPTH GAUGE WITH FINE ADJ: 300 MM</p> <p>AUTOCOLLIMATOR WITH ATTACHMENT FOR FLATNESS MEASUREMENT</p>

			TOOL MAKERS MICROSCOPE WITH ATTACHMENT METALLURGICAL MICROSCOPE SINGLE DISC POLISHING MACHINE MOUNTING PRESS CUTTING MACHINE LINISHER POLISHING WET AND DRY POLISHING MACHINE LVDT MILLING TOOL DYNAMOMETER LATHE TOOL DYNAMOMETER DRILL TOOL DYNAMOMETER CAST IRON SURFACE PLATE WITH STAND BORE DIAL GUAGE 18-55 MM BORE DIAL GUAGE 36-50 MM
27	Survey Lab	Area: 66 Sq m Room No. D 04 Users: S3 CE/S5 CE	Dumpy Level-19 PlaneTable-21 Vernier Transit Theodolite-19 Leveling Staff-21 Ranging Rod ( Metallic)-35 Ranging Rod ( Wood )-26 Arrows-200 Accessories Box-20 Automatic Level-2 Total Station-2 Offset Rod-10 Cross Staff-20

			Prismatic Compass-21 Surveyor Compass-2 Mallet-10 Tape-7 Chain-21
28	Concrete Lab	Area: 66 Sq m Room No. D 01 Users: S5 CE	Compression Testing Machine Sieve set Lechatlier's Flask Consistency Test Mould Vicat Apparatus Vee Bee Consistometer Compaction Factor Apparatus Slump Cone Cylindrical Mould-3 nos Rectangular Mould-3 nos Cubical Mould-15 nos Concrete Mixer Vibrator Specific Gravity Cylinder Bulking Test Cylinder
29	Geotechnical Engineering Lab	Area: 66 Sq m Room No. D 02 S7 CE	Sieve set Casagrande's apparatus Oven Permeability Apparatus Consolidation apparatus Modified Proctor Compaction apparatus UCC apparatus

			Direct shear apparatus Field density apparatus
30	Environmental Engineering Lab	Area: 66 Sq m Room No. D 11 S7 CE	Burette – 20 Pipette – 20 Muffle Furnace Clariflocculator Laboratory Oven
<b>EVEN SEMESTER LABS</b>			
31	DATA STRUCTURE LAB	AREA: 251.80 SQ. M ROOM NO: 107A, 107B S4 CSE	Computer Terminals : 80 Nos. Server Computer : 1 No. Printer : 5 Nos. DVD Writer : 1 No. Scanner : 1 No.
32	MACHINE TOOLS LAB	Area : 375 Sq M Room No:2 Block C S6 ME	RAMAN Horizontal Milling M/C -4Nos HDCNC Universal Turrent Milling M/C -1Nos Surface Grinding M/C -1 Nos Cylindrical Grinding M/C - 1 Nos Tool & Cutter Grinder -1 Nos Radial Drilling M/C -1 Nos CNC Lathe M/C - 1Nos CNC Milling M/C -1 Nos
33	SYSTEM SOFTWARE LAB	AREA: 251.80 SQ. M ROOM NO: 107A, 107B S6 CSE	Computer Terminals : 80 Nos. Server Computer : 1 No. Printer : 5 Nos. DVD Writer : 1 No. Scanner : 1 No.

34	OPERATING SYSTEMS & NETWORKING LAB	AREA: 251.80 SQ. M ROOM NO: 107A, 107B S8 CSE	Computer Terminals : 80 Nos. Server Computer : 1 No. Printer : 5 Nos. DVD Writer : 1 No. Scanner : 1 No.
35	PROJECT	AREA: 251.80 SQ M ROOM NO: 107A, 107B S8 CSE	Computer Terminals : 80 Nos. Server Computer : 1 No. Printer : 5 Nos. DVD Writer : 1 No. Scanner : 1 No.
36	MICROCONTROLLER LAB	AREA: 73.67 SQ. M ROOM NO: 114 S6 ECE, AEI	Microprocessor Kit – 8051 : 17 Nos. Stepper Motor 2Kg- 3nos ASC – 2 Nos DAC-2 Nos Stepper motor controller -3 Nos DC Motor Speed Measurement – 3nos CRO-3Nos Computer System - 1
37	MICROPROCESSOR & SOFTWARE LAB	AREA: 325.47 SQ. M ROOM NO: 114, 107A, 107B S6 EEE	Computer Terminals : 80 Nos. Server Computer : 1 No. Printer : 5 Nos. DVD Writer : 1 No. Scanner : 1 No. Microprocessor Kit -8085 : 12 Nos. Microprocessor Kit- 8086 / 88 : 12 Nos.

38	ELECTRONIC CIRCUITS LAB	AREA: 73.45 SQ.M ROOM NO: 216 A S4 ECE	Oscilloscope 20 MHz : 10 Nos. Function Generator : 5 Nos. 1 MHz Function Generator : 5 Nos. 2 MHz Variable Power Supply 0 - 30 V 2 Amps : 10 Nos. Power Meter (AF) : 1 Nos.
39	LINEAR INTEGRATED CIRCUITS LAB	AREA: 111.30 SQ.M ROOM NO: 217 A S4 ECE	Oscilloscope 30 MHz Dual trace: 10 Nos. DC Regulated Power Supply : 10 Nos. Function Generator : 10 Nos.
40	POWER ELECTRONICS LAB	AREA: 134.80 SQ.M ROOM NO: 201 S6 EEE	SCR TRIAC Power Transistor Power MOSFET IGBT
41	DIGITAL SYSTEM DESIGN LAB	AREA: 74.20 SQ.M ROOM NO: 116 S4 CSE	Digital Trainer Kit : 20 Nos. Digital IC Tester : 1 No Oscilloscope 20 MHz : 2 Nos.
42	MICROPROCESSOR LAB	AREA: 73.67 SQ. M ROOM NO: 114 S6 CSE	Microprocessor Kit - 8085 : 12 Nos. Microprocessor Kit- 8086 / 88 : 12 Nos.
43	DIGITAL INTEGRATED CIRCUITS AND HDL LAB	AREA: 74.20 SQ.M ROOM NO: 116 S4 AEI	Digital Trainer Kit : 20 Nos. Digital IC Tester : 1 No Oscilloscope 20 MHz : 2 Nos.
44	MICROWAVE & OPTICAL COMMUNICATION LAB	AREA: 76.32 SQ. M ROOM NO: 216 B S8 ECE	Microwave Klystron Bench & Power Supply Microwave Gunn Oscillator Microwave Wave Guides, Antennas,

			<p>VSWR meter</p> <p>Optical Communication Kit</p> <p>Microwave test bench : 1 Nos. (Klystron Oscillator)</p> <p>Microwave test bench : 1 Nos. (Klystron Oscillator)</p> <p>Microwave test Bench : 1 Nos. (Gun Oscillator)</p> <p>Microwave test Bench : 1 Nos. (Gun Oscillator)</p>
45	MEASUREMENTS & LINEAR INTEGRATED CIRCUITS LAB	AREA: 76.10 SQ.M ROOM NO: 217A S4 AEI	<p>Pressure measurement trainer : 1 No.</p> <p>Thermo couple Module : 2 Nos.</p> <p>Strain measurement trainer : 2 Nos.</p> <p>Displacement trainer using LVDT : 2 Nos.</p> <p>Area Transducer : 1 No.</p> <p>Diode Thermometer : 1 No.</p> <p>PLC Trainer kit : 1 No.</p> <p>E to P Converter : 2 Nos.</p> <p>Photo Cell Trainer : 1 No.</p> <p>RTD Module : 1 No.</p> <p>Level measurement trainer : 1 No.</p> <p>Oscilloscope 30 MHz :</p>

			10Nos.  DC Regulated Power Supply : 10 Nos.  +/- 15 V 1 Amps  Function Generator : 10 Nos.
46	DIGITAL ELECTRONICS LAB	AREA: 74.20 SQ.M ROOM NO: 116 S4 CSE	Digital Trainer Kit : 12 Nos.  Digital IC Tester : 1 No  Oscilloscope 20 MHz : 2 Nos.
47	ELECTRICAL MACHINES I LAB	AREA: 200 SQ.M ROOM NO: BLOCK B S4 EEE	DC Generator For conducting OCC  DC Shunt and Compound Generator  DC Series Motor  Coupled Machines for conducting Hopkinton's Test  Single Phase and Three Phase Transformers.
48	ELECTRICAL MACHINES II LAB	AREA: 375 SQ.M ROOM NO: BLOCK B S4 EEE, S6 AEI	DC Generator For conducting OCC  DC Shunt and Compound Generator  DC Series Motor  Coupled Machines for conducting Hopkinton's Test  Single Phase and Three Phase Transformers.  Alternator Coupled with DC Motor  Synchronizing Panel  Loading Inductor – Single Phase

			Loading Inductor – Three Phase Three Phase Loading Capacitor Single Phase Loading Capacitor Three Phase Loading Rheostat Single Phase Loading Rheostat Slip Ring Induction Motor with loading arrangement Squirrel Cage Induction Motor Star / Delta Starters Two Speed Induction Motor Induction Generators Single Phase Induction Motor
49	PROCESS CONTROL LAB	AREA: 73.67 SQ.M ROOM NO: 1 S8 AEI	Level process station : 1 Nos. Temperature process station : 1 Nos. Pressure process station : 1 Nos. Flow process station : 1 Nos. Data Acquisition Kit. :1 Nos. Bottle Filling plant : 1Nos. Programmable Logic Controller:1Nos.
50	MAIN PROJECT	AREA: 143.42 SQ.M ROOM NO: 207 B S8 ECE, AEI	Computer Terminals : 30 Nos myDAQ : 10 Nos PCI cards :10 Nos. I/O Connector Block : 5 Nos DAQ Signal Accessory :5 Nos. DSP Bundle with speedy -33 : 2 Nos.
51	MINI PROJECT LAB	AREA: 98.67 SQ.M ROOM NO: 115 S6 ECE,AEI	Oscilloscope 30 MHz : 3 Nos. Power Supply : 6 Nos. Function Generator - 1 MHz : 2 Nos.

			Digital IC Tester : 1 No P C B Drilling Machine : 1 Nos.
52	Strength of Materials Lab	Area: 185.4 Sq m Room No. AN 010& 011 Users: S4 CE/S3 ME	Impact testing Machine Brinell Hardness Testing Machine Rockwell Hardness Testing Machine Torsion Testing Machine Universal Testing Machine Wood Testing Machine Spring Testing Machine Fatigue Testing Machine Clark Maxwell Testing Machine Torsion on Wire
53	CAD Lab	Area: 73.7 Sq m Room No. AN 101 Users: S6CE/S3 ME	Desktop computers – 30 Microsoft Office 2007 software package STAADPro software package AutoCAD software package
54	Transportation Engineering Lab	Area: 66 Sq m Room No. D 03 Users:S6 CE	Los Angeles abrasion testing machine CBR testing machine Impact testing machine Pensky Martens Apparatus Ductility testing machine Length & thickness gauge Modified Proctor Compaction apparatus Crushing strength mould Softening point apparatus Specific gravity bottle for bitumen Specific gravity apparatus for aggregates

			Tar Viscometer
55	Technologies and Information Security Lab	Area : 66 Sqm Room No. F202	Desktop Computers – 18 Server Computer – 1 LAN Connected
56	Network & Operating System Lab	Area : 66 Sqm Room No. F103 S2 CSE M.Tech	Desktop Computers – 18 Server Computer – 1 LAN Connected
57	Algorithm Design Lab	Area : 66 Sqm Room No. F103 S1 CSE M.Tech	Desktop Computers – 18 Server Computer – 1 LAN Connected
58	PG Research Laboratory	Area : 66 Sqm Room No. F206 S3&S4 CSE M.Tech	Desktop Computers – 18 Server Computer – 1 LAN Connected
COMPUTER CENTRE FACILITIES		Total : - 535 Computers LAN & Internet connected : 400 32MbpsBandWidth BSNL LEASED LINE 39Printers 32Legalsystemsoftware, 48LegalApplicationsoftware	

LIBRARY FACILITIES	Total Library Area in sq m	692.9
	E Journal Subscription	Nil
	Reading Room seating Capacity	150
	Working Hours from to	8.00 A.M. – 8.30 P.M.
	Multimedia PCs and Digital library facilities	Streaming video archive: Video lectures procured from NPTEL
	BOOKS AVIALABLE	Titles : 11101 Volumes : 27535
	JOURNALS	International : 18 National : 42
Auditorium/Seminar halls	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	

### 10.16

BoysHostel	Yes, Available
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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

### 10.18

Counseling /Mentoring	Yes, Available
Career Counseling	Yes, Available
Medical facilities	Yes, Available
Student Insurance	Yes, Group insurance Available

### 10.19

Students Activity Body	Yes, Available
Cultural activities	Yes, Available
Sports activities	Yes, Available
Literary activities	Yes, Available
Magazine/Newsletter	Yes, Available
Technical activities/ Tech Fest	Yes, Available
Industrial Visits/Tours	Yes, Available
Alumni activities	Yes, Available

**10.20.**

Name of the Information Officer for RTI	Rev. Fr. Dr. Koshy Vaidyan K.M
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