

Mandatory Disclosure 2009-2010

I. NAME OF THE INSTITUTION:	AMAL JYOTHI COLLEGE OF ENGINEERING, KOOVAPPALLY P.O., KOTTAYAM DISTRICT - 686518,
➤ Address including telephone, Fax, e-mail.	Koovapally, P.O- 686518, Kottayam District, Kerala State, India Ph: 04828-251661, 251895, Fax: 04828-251136
II.A. NAME & ADDRESS OF THE DIRECTOR	Dr. S. Balasubramanian
➤ Address including telephone, Fax, e-mail.	Haripriya, Ambikapuram P.O., Palakkad District – PIN – 678011 Phone No. 0491 25760630 Fax: 04828-251136 E-Mail: director@amaljiyothi.ac.in
III. NAME OF THE AFFILIATING UNIVERSITY:	MAHATMA GANDHI UNIVERSITY, KOTTAYAM, KERALA
IV. GOVERNANCE	
Members of the Board and their brief background	<ol style="list-style-type: none"> 1. Mar Mathew Arackal, Bishop of Kanjirapally Diocese, Patron of the college. 2. Fr.Varghese Parinthisrickal, Manager of the College 3. Dr. S Balasubramanian, Director of the College. 4. Dr. Erat S. Joseph, Pro-Director of the College. 5. Dr.P.Basak, ProDirector of the College, WHO National consultant, Rtd. Executive Director, CWRDM, etc. 6. Fr. Jose Kannampuzha, Principal of the College. 7. Very Rev. Fr. George Alumkal, Managing Trustee, Diocesan Education Trust. 8. Very Rev. Fr. Mathew Vayalumkal, Managing Trustee, Diocesan Education Trust. 9. Very Rev. Dr. Joseph Nagaroor, Managing Trustee, Diocesan Education Trust. 10. Mr. Alphonse Kannamthanam IAS. MLA. 11. Fr. Jestin Pazhayaparambil, Finance Officer, Diocese of Kanjirapally. 12. Mr. K.M. Joseph Chartered Accountant. 13. Mr. K. C. Dominic Karippaparampil. 14. Fr. James Muthanattu, Chancellor, Diocese of Kanjirapally. 15. Fr. Jossy Chirackal, Diocesan Secretary
Members of Academic Advisory Body	1. Manager

	<ol style="list-style-type: none"> 2. Director 3. Principal 4. The Deans – Research, Academic and Administration 5. Heads of all Departments 6. Faculty in Charge – Student Welfare Council/Committee 7. Senior Professors 8. Physical Education Director 9. Placement Officer.
Frequency of the Board Meetings and Academic Council	Board members meets minimum twice in a year and Academic Council meet once in a week.
Organizational chart and processes	Please Refer Annexure 1
❖ Nature and Extent of involvement of faculty and students in academic affairs/improvements	Academic council of the college, which co-ordinates the academic activities have faculty representation. Feed back/suggestions are taken from faculty and students and the suitable ones are implemented. Faculty members are encouraged to write monograms for their course. Preparation of course file by faculty members for all subjects handled by them is mandatory audited by the principal every semester. Students are encouraged to present seminars in the class on subjects from the syllabus.
❖ Mechanism/Norms & Procedure for democratic/good Governance	Norms and Procedures are standardized as demanded by the CMMI appraisal system and ISO 9001-2000.
❖ Student Feedback on Institutional Governance/faculty performance	Student's feedback is collected after every semester by using software which was developed by the Information Technology staff members earlier it was taken the printed format which is shown in the Annexure – 2. Suggestion box is kept in front of the Principals room. The suggestions received through the box is forwarded to the Dean Administration for further necessary action.
Grievance redressal mechanism for faculty, staff and students	Staff and students are free to meet Principal & Manager any time. Staff meeting is conducted once in a month. Faculty members are called for personal discussion once in a semester. Students are to meet their faculty counselor once in a month. 2 Professional counselors do counseling on a continuous basis for students.
V. PROGRAMMES	
❖ Name of the Programmes approved by the AICTE	<p>B.Tech in Civil Engineering B.Tech in Computer Science B.Tech in Electronics & Communication B.Tech in Electrical & Electronics B.Tech in Information Technology B.Tech in Mechanical Engineering B.Tech in Automobile Engineering M.Tech in Communication Engineering. M.Tech in Power Electronics & Power Systems M.Tech in Machine Design Master of Computer Applications</p>
❖ Name of the Programmes accredited by the AICTE	<p>B.Tech in Electronics & Communication B.Tech in Electrical & Electronics</p>
❖ For each Programme the following details are to be given:	

Name	Number of seats	Duration	Cut off mark/rank for admission during the last three years	Fee	Placement Facilities	Campus placement in last three years with minimum salary, maximum salary and average salary
B.Tech in Computer Science	90	4 years	The cut off mark for all batches except 2006-07 admission is 50%, and for 2006-07 admission the cut off mark is 35%	Fee details are shown in section VII	Placement cell with the placement officer is working effectively.	Please refer Annexure 3
B.Tech in Civil Engineering	90	4 years				
B.Tech in Electronics & Communication	120	4 years				
B.Tech in Electrical & Electronics	60	4 years				
B.Tech in Information Technology	60	4 years				
B.Tech in Mechanical Engineering	90	4 years				
B.Tech in Automobile Engineering	60	4 years				
❖ Name and duration of programme(s) having affiliation/collaboration with Foreign University(s)/Institution(s) and being run in the same Campus along with status of their AICTE approval. If there is foreign collaboration, give the following details:			Nil			
Details of the Foreign Institution/University:			NA			
• Name of the University/Institution			NA			
• Address			NA			
• Website			NA			
• Is the Institution/University Accredited in its Home Country			NA			
• Ranking of the Institution/University in the Home Country			NA			
• Whether the degree offered is equivalent to an Indian Degree? If yes, the name of the agency which has approved equivalence. If no, implications for students in terms of pursuit of higher studies in India and abroad and job both within and outside the country.			NA			
• Nature of Collaboration			NA			
• Conditions of Collaboration			NA			
• Complete details of payment a student has to make to get the full benefit of collaboration.			NA			
❖ or each Collaborative/affiliated Programme give the following:			F			
• Programme Focus			NA			

• Number of seats	NA				
Admission Procedure	NA				
Fee	NA				
Placement Facility	NA				
• Placement Records for last three years with minimum salary, maximum salary and average salary	NA				
❖ Whether the Collaborative Programme is approved by AICTE? If not whether the Domestic/Foreign Institution has applied to AICTE for approval as required under notification no. 37-3/Legal/2005 dated 16 th May, 2005	NA				
VI. FACULTY					
❖ Branch wise list faculty members:	Please Refer Annexure – 4				
Branch	Permanent Faculty	Visiting Faculty	Adjunct Faculty	Guest Faculty	Permanent Faculty: Student Ratio
CIVIL	17	1	0	0	10.588
CSE	21	1	0	0	12.8
ECE	30	01	0	0	12
EEE	18	0	1	0	10
IT	14	0	0	0	12.85
ME	17	0	0	0	13.42
S1 & S2	39	0	0	0	14.61
Total Student – Faculty Ratio is 1:12.61					
❖ Number of faculty employed and left during the last three years	100 employees were joined and 44 employees were left from the institution since September 2006				
VII. PROFILE OF DIRECTOR/PRINCIPAL WITH QUALIFICATIONS, TOTAL EXPERIENCE, AGE AND DURATION OF EMPLOYMENT AT THE INSTITUTE CONCERNED	Name: Dr. S Balasubramaniam Designation : Director Date of Birth: 30 th May 1951 Academic Qualifications: Ph.D in Tribology from Alahabad University Details of Experience: 22 years of experience as a Professor from N.S.S Engg College, Palakkad, Kerala and two years in Amal Jyothi College of Engineering Koovappally Date of the appointment in the present institution: 1 st July 2007				
Faculty Details	Please refer Annexure -4				

VIII. FEE								
	Sl. No	Category	2009-2010 Batch		2008-09 Batch		All Other batch	
			A	B	A	B	A	B
❖ Details of fee, as approved by State fee Committee, for the Institution. A = Fixed by the State Fee Committee B = Being charged by the institution	1.	Admission Fee	150	150	150	150	150	150
	2.	Tuition Fee	90000	49000	47500	45000	38700	38700
	3.	University Fee (Exam Fee, Registration Fee etc.)	1027	1027	1027	1027	1027	1027
	4.	Hostel Fee (Rent etc.)	0	11000	0	11000		11000
	5.	Laboratory Fee	1200	1200	1200	1200	1200	1200
	6.	Library Fee						
	7.	Any Other	0	0	0	7000		7000
			Total Fee	92377	62377	49877	65377	41077
❖ Time schedule for payment of fee for the entire programme.			Before 30 th September every year					

❖ No. of Fee waivers granted with amount and name of students.

1. Ancy Philip – S5EEE – 38700
2. Anju Mariya – S5 IT – 22600
3. Jilt Sebastian – S3 ECE - 54807
4. Shylu Thomas – S3 ME – 38700

The following students are admitted under Tuition Fee Waiver Scheme in 2008-2012 Admission

1	Ms. Rona Maria P James
2	Mr.Roshan E E
3	Ms.Jessy R
4	Ms.Josymol Joseph
5	Ms.Anna Maria Joseph
6	Ms.Ann Tresa Kuruvilla
7	Mr.Christopher Shine
8	Mr.Linomon Joseph
9	Mr.Manu Manuel
10	Ms.Chippy Babu
11	Ms.Divya Antony
12	Mr.Lalet Scaria
13	Ms.Neena Thomas
14	Ms.Ritha Jacob
15	Ms.Surumy Rasheed
16	Mr.Amal Sajikumar
17	Mr.Nobin John

The following students are admitted under Tuition Fee Waiver Scheme in 2009-2013 Admission

1	Mr. Logy N. Bobby
2	Ms. Jasmine John
3	Ms. Smariya T D
4	Ms. Roshni Ramachandran
5	Ms. Aswathy Babu
6	Mr. Shinto M. Jose
7	Ms. Roseline Joseph
8	Ms. Haritha B. Chittethu
9	Ms. Jilsy Jose
10	Ms. Riya Mariam Abraham
11	Ms. Dona Chacko
12	Ms. Maria George K
13	Ms. Merin Liz Abraham
14	Ms. Anumol Abraham
15	Ms. Jobit Babu
16	Ms. Megha P Augustine
17	Mr. Pillai Saresh Sasidharan
18	Ms. Ashly George

	19	Mr. Manu Michel
	20	Mr. Anoop P U
	21	Mr. Jimson John
	22	Mr. Arun G
	23	Mr. Prince Vincent
	24	Mr. Alan Joy

❖ Number of scholarship offered by the institute, duration and amount
18 scholarships annually of Rs.3000/- (Merit cum means)
36 scholarships annually of Rs.1000/- (Merit)

❖ Criteria for fee waivers/scholarship.
Merit cum means

❖ Estimated cost of boarding and Lodging in Hostels.
24000/- per year.

Ix. ADMISSION

❖ Number of seats sanctioned with the year of approval.	Branch	No.of seats sanctioned	year of approval
	B.Tech in Computer Science	90	2008-2009
	B.Tech in Electronics & Communication	120	2006-2007
	B.Tech in Electrical & Electronics	60	2002-2003
	B.Tech in Information Technology	60	2002-2003
	B.Tech in Mechanical Engineering	90	2008-2009
	B.Tech in Civil Engineering	90	2009-2010
	B.Tech in Automobile Engineering	60	2009-2010
	M.Tech in Communication Engineering	18	2008-2009
	M.C.A	60	2008-2009
	M.Tech in Power Electronics & power Systems	18	2009-2010
	M.Tech in Machine Design	18	2009-2010

❖ Number of students admitted under various categories each year in the last four years.

Branch	2009 - 2010		2007-2008		2006-20 07		2005-2006	
	Sanctioned Intake	Actual Admissions	Sanctioned Intake	Actual Admissions	Sanctioned Intake	Actual Admissions	Sanctioned Intake	Actual Admissions
CSE	90	96**	90	62**	60	65*	60	60
ECE	120	128**	120	124**	120	132*	120	130*

EEE	60	64**	60	62**	60	66*	60	63*
IT	60	53	60	62**	60	64*	60	62*
ME	90	96**	90	62**	60	66*	60	66*
CIVIL	90	64**	60	62**	60	66*	60	60
AUE	60	***						
MCA	60	***	60	***				
M.Tech Comm. Engg.	18	***	18	***				
M.Tech Power Electronics & Power Systems.	18	***						
M.Tech Machine Design	18	***						

* Including the Lateral Entry Students
**Including the Tuition Fee Waiver Scheme Students
*** Waiting for University Affiliation

❖ Number of applications received during last two years for admission under Merit Quota and number admitted.	ACADEMIC YEAR	BRANCH	NO OF APPLICATIONS RECEIVED	NO. OF STUDENTS ADMITTED
	2008-2009	CSE	3550	60
		ECE	3550	120
		EEE	3550	60
		IT	3550	60
		ME	3550	60
		CE	3550	60
	2009-2010	CSE	2800	90
		ECE	2800	120
		EEE	2800	60
		IT	2800	60
		ME	2800	60
		CE	2800	60

X. ADMISSION PROCEDURE															
❖ Mention the admission test being followed, name and address of the Test Agency and its URL (website).	KEAM entrance exam conducted by Commission for Entrance Exam, Kerala www.cee-kerala.org														
❖ Number of seats allotted to different Test Qualified candidates separately [AIEEE/CET (State conducted test/University tests)/Association conducted test]	<table border="1"> <thead> <tr> <th>BRANCH</th> <th>NO. OF SEATS ALLOTTED TO KEAM QUALIFIED CANDIDATES</th> </tr> </thead> <tbody> <tr> <td>CSE</td> <td>77</td> </tr> <tr> <td>ECE</td> <td>102</td> </tr> <tr> <td>EEE</td> <td>51</td> </tr> <tr> <td>IT</td> <td>51</td> </tr> <tr> <td>ME</td> <td>78</td> </tr> <tr> <td>CE</td> <td>51</td> </tr> </tbody> </table>	BRANCH	NO. OF SEATS ALLOTTED TO KEAM QUALIFIED CANDIDATES	CSE	77	ECE	102	EEE	51	IT	51	ME	78	CE	51
BRANCH	NO. OF SEATS ALLOTTED TO KEAM QUALIFIED CANDIDATES														
CSE	77														
ECE	102														
EEE	51														
IT	51														
ME	78														
CE	51														

❖ Calendar for admission against all merit seat:	
- Issue of application form begins.	1 st June 2009
- Last date for submission of application.	20 th June 2008
- Dates for announcing final results.	24 th June 2009
- Release of admission list (main list and waiting list)	
- Date for acceptance by the candidate (time given should in no case be less than 15 days)	
- Last date for closing of admission.	25 th September 2009(depends on university decisions)
- Starting of the Academic session.	23 rd July 2009
- The waiting list should be activated only on the expiry of date of main list.	Yes
- The policy of refund of the fee, in case of withdrawal, should be clearly notified.	A liquidated damage fee of Rs.50,000/- will be charged from the students who discontinue the course after the closing of admission. (As per the Prospectus for admission to Professional Degree Course 2008 Kerala – 12.2.4)
XI. CRITERIA AND WEIGHTAGES FOR ADMISSION	
❖ Describe each criteria with its respective weightages i.e. Admission Test, marks in qualifying examination etc.	An aggregate 50% marks in Mathematics, Physics, and Chemistry and separate 50% mark for Mathematics in the HSE examination. The candidate should be qualified in the entrance test conducted by KEAM. The NRI candidates need not qualify the Entrance Examination conducted by CEEK. The index mark is calculated by considering the marks obtained for Mathematics, Physics Chemistry and for the Entrance examination conducted by the CEE, Kerala State in the ratio 60:40.
❖ Mention the minimum level of acceptance, if any.	
❖ Mention the cut-off levels of percentage & percentile scores of the candidates in the admission test for the last three years.	
❖ Display marks scored in Test etc. and in aggregate for all candidates who were admitted.	
Item No I - XI must be given in information brochure and must be hosted as fixed content in the website of the Institution.	
The Website must be dynamically updated with regard to XII–XV.	
XII. APPLICATION FORM	
❖ Downloadable application form, with online submission possibilities.	Already provided the Website of Amal Jyothi College of Engineering – www.amaljyothi.com
XIII. LIST OF APPLICANTS	
❖ List of candidates whose applications have been received along with percentile/percentage score for each of the qualifying examination in separate categories for open seats. List of candidates who have applied along with percentage and percentile	Please refer Annexure 5

score for Management quota seats.					
XIV. RESULTS OF ADMISSION UNDER MANAGEMENT SEATS/VACANT SEATS	Please refer Annexure 5				
❖ Composition of selection team for admission under Management Quota with the brief profiles of members (This information be made available in the public domain after the admission process is over)	1. Manager 2. Principal 3. Respective HODs of each branch.				
❖ Score of the individual candidates admitted arranged in order of merit.	Please refer Annexure 6				
❖ List of candidates who have been offered admission.	Please refer Annexure 6				
❖ Waiting list of the candidates in order of merit to be operative from the last date of joining of the first list candidates.	Please refer Annexure 6				
❖ List of the candidates who joined within the date, vacancy position in each category before operation of waiting list.					
XV. INFORMATION ON INFRASTRUCTURE AND OTHER RESOURCES AVAILABLE					
LIBRARY:					
➤ -Number of Library books/Titles/Journals available (programme-wise)	Course	Number of titles of the books	number of volumes	Journals	
				National	International
	CSE	764	1674	9	8
	ECE	969	2137	7	15
	EEE	742	1884	9	13
	IT	760	1663	8	8
	ME	808	1738	6	7
	CIVIL	566	1435	9	0
	S1 & S2 COMMON	1675	2484	6	2
	GENERAL	1202	1862		
	AUE	250	1020	4	4
➤ List of online National/International Journals subscribed.	Please Refer Annexure -7				
➤ E-Library facilities	Internet facility is provided in library for use of staff & students on 24 terminals. A good number of CD on technical books is available. E journals of IEEE, NPTEL video lectures made available for staff and students through Dspace.				
LABORATORY:					
For each Laboratory					

➤ List of Major Equipment/Facilities	Please Refer Annexure -8	
➤ List of Experimental Setup	Please Refer Annexure -8	
COMPUTING FACILITIES:		
➤ Number and Configuration of Systems	Configuration	No.of systems
➤	Core 2 Duo	133
➤	Pentium – Dual Core	121
➤	Pentium - IV	272
➤	PIII	40
➤	Celeron	29
➤ Total number of systems connected by LAN	550	
➤ Total number of systems connected to WAN	NIL	
➤ Internet bandwidth	8 Mbps leased line internet connection	
➤ Major software packages available	SQL Server, Exchange Server, Visual Basic.Net, Visual C+ +.Net, Jsharp.Net, #sharp.net, ASP.Net and all Microsoft softwares as mentioned in MSDNAA Program	
➤ Special purpose facilities available	24 hours internet connection, 2 full time counselors, Health club and Gym, etc,	
WORKSHOP:	Mechanical, Civil and Electrical Workshops are set up as per requirements. The facilities available are Smithy, Fitting, Carpentry, Foundry, Plumbing, Masonry, Surveying and Electrical.	
➤ List of facilities available.		
Games and Sports Facilities	Physical Education Lecturer appointed in the institution looking after the Sports & Games. Coaching for outdoor games like Volley ball, basket ball, football, cricket and indoor games like chess, shuttle badminton, Table tennis, caroms, wrestling are given. Students have won prizes in inter collegiate shuttle, chess, wrestling competitions. Coaching for Yoga & Karate are also given. Sports Fest is conducted every year.	
Extra Curriculum Activities:	Students organize a national level technical festival and exhibition every year. Students participating in competitions held in other colleges and are winners in different projects, paper presentation, dance competition etc. Also the Debate club, Music Club, Nature Club,NSS and Tourism club are functioning effectively for students. We have also conduct All Kerala Basket Ball Tournament in the College during 2008.	
Soft Skill Development Facilities	1 hour Personality Development/Soft skill development/English classes are given to the students. Besides one week training program in personality development, Interview preparation skills, etc are also given to students.	
Number of Classrooms and size of each	31 nos of 92 sqm each + 8 nos of 99.75 sqm	

Number of Tutorial rooms and size of each	9 Nos of 93 Sq.m each																
Number of laboratories and size of each	30 nos of 94 sqm to 500 sqm																
Number of drawing halls and size of each	3 Drawing Halls, 240 sqm, 288 sqm, 384 sqm																
Number of Computer Centers with capacity of each	1,605 sqm + 991 sqm (Central Computing facility going to finish on November 2009)																
Central Examination Facility, Number of rooms and capacity of each.	Exam cell is coordinating all examinations. They are conducted in class rooms and drawing halls.																
Teaching Learning process																	
➤ Curricula and syllabi for each of the programmes as approved by the University.	Please refer Annexure-9																
➤ Academic Calendar of the University	Academic calendar of the University is not yet published																
➤ Academic Time Table	Please refer Annexure-10																
➤ Teaching Load of each Faculty	Please refer Annexure-11																
➤ Internal Continuous Evaluation System and place	<p>As per Mahatma Gandhi University rule the following criteria is used to evaluate sessional mark.</p> <p>Sessional marks for Theory, Drawing, Workshops, Laboratories and Practical will be awarded by the teaching faculty based on the day to day performance of the students. The allocation of sessional marks for the individual subjects shall be on the following basis.</p> <table border="1"> <thead> <tr> <th colspan="2"><u>Theory Subjects</u></th> <th colspan="2"><u>Practical Subjects</u></th> </tr> </thead> <tbody> <tr> <td>Attendance</td> <td>20%</td> <td>Attendance</td> <td>20%</td> </tr> <tr> <td>Assignments</td> <td>20%</td> <td>Regular class work/Drawing/Workshop Record/Lab Record and Class Performance</td> <td>60%</td> </tr> <tr> <td>Tests</td> <td>60%</td> <td>Tests</td> <td>20%</td> </tr> </tbody> </table> <p>The sessional marks allotted for attendance shall be awarded in direct proportion to the percentage of attendance secured by the candidate in the subject. However full sessional marks for attendance shall be awarded to those who are securing 80% attendance and above.</p>	<u>Theory Subjects</u>		<u>Practical Subjects</u>		Attendance	20%	Attendance	20%	Assignments	20%	Regular class work/Drawing/Workshop Record/Lab Record and Class Performance	60%	Tests	60%	Tests	20%
<u>Theory Subjects</u>		<u>Practical Subjects</u>															
Attendance	20%	Attendance	20%														
Assignments	20%	Regular class work/Drawing/Workshop Record/Lab Record and Class Performance	60%														
Tests	60%	Tests	20%														
➤ Students' assessment of Faculty, System in place.	Please refer Annexure 2																
For each Post Graduate programme give the following:																	

Presently AICTE has approved MCA and M.Tech in Communication Engineering, M. Tech Machine Design and M.Tech Power Electronics and Power Systems courses. We are waiting for the affiliation from the Mahatma Gandhi University. University affiliation committee has constituted an inspection team as per University order no.3697/2759/09/AVII dated 20-08-2009. It is attached in Annexure -12.

i. Title of the programme:

M. TECH COMMUNICATION ENGINEERING

ii. Curricula and Syllabi

University affiliation inspection is scheduled on 26th August 2009 as per University order no.3697/2759/09/AVII dated 20-08-2009. Admissions yet to commence

iii. Faculty Profile (Proposed. Presently they are attached to the ECE branch)

SI	Name	DESIGNATION	Subject Teaching
1.	Dr. James Jacob	Professor	University affiliation inspection is scheduled on 26 th August 2009 as per University order no.3697/2759/09/AVII dated 20-08-2009. Admissions yet to commence
2.	Prof. Satheesh Kumar K.G	Professor	
3.	Mr. Gheevarghese Titus	Asst. Professor	
4.	Mr. Liju V. Oommen	Asst. Professor	
5.	Mr. Josemon J Edathala	Lecturer	
6.	Mr. Rajesh R	Lecturer	

➤ Brief profile of each faculty.

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
FACULTY DETAILS**

Name : James Jacob

Educational Qualification : Ph. D in Electronics

Work Experience

TEACHING : 12 years

RESEARCH : 20 years

INDUSTRY : 4 years

Area of Specializations : Electronics

Subjects teaching at

Under Graduate Level : VLSI Design, Digital Electronics

Research guidance

Ph.D : 3

Masters's : 19

No. of papers published in

National Journals : 1

International Journals : 5

Conferences : 24

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
FACULTY DETAILS**

Name : K G SATHEESHKUMAR

Educational

Qualification : M.Tech in NETWORK COMMUNICATION

Work Experience

TEACHING : 8 YEARS

RESEARCH :

INDUSTRY : 12 YEARS

Others :

Area of

Specializations : NETWORK COMMUNICATION

Subjects teaching at

Under Graduate Level : 1. ELECTRONICS CIRCUITS, 2. DIGITAL ELECTRONICS, 3. POWER ELECTRONICS, 4. LINEAR INTEGRATED CIRCUITS, 5. ADVANCED COMMUNICATION SYSTEMS, 6. VLSI

No. of papers published in

National Journals :

International Journals :

Conferences : 1

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
FACULTY DETAILS**

Name : Geevarghese Titus

Educational Qualification: M.Tech in Electronics & Communication

Work Experience

TEACHING : 8 Years and 4 months

INDUSTRY : 2 years

Area of Specializations : Network & Communication

Subjects teaching at

Under Graduate Level : Computer Organization & Architecture

No. of papers published Object oriented Programming with C++

National Journals : 1 Computer Networks

International Journals :

Conferences : 2

No. of Books published

with details

Monographs on Multimedia Systems, Computer Organization &
Architecture, Lab Manual on Systems Lab, Communication I Lab

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
FACULTY DETAILS**

Name : LIJU V OOMMEN

Educational

Qualification : M.Tech in ELECTRONICS & COMMUNICATION

Work Experience

TEACHING : 6 YEARS

Area of Specializations : ELECTRONICS & COMMUNICATION

Subjects teaching at

Under Graduate Level : NETWORK THEORY

OPTICAL FIBRE COMMUNICATION

OBJECT ORIENTED PROGRAMMING WITH C++

DIGITAL COMMUNICATION TECHNIQUES

No. of papers published in

National Journals :

International Journals :

Conferences : 1

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
FACULTY DETAILS**

Name : JOSE J EDATHALA

Educational

Qualification : M.Tech in ELECTRONICS

Work Experience

TEACHING : 2 YEARS

Area of Specializations : ELECTRONICS

Subjects teaching at
Under Graduate Level : BASIC ELECTRONICS ENGINEERING, BIOMEDICAL ENGINEERING
TELEVISION ENGINEERING, MODERN COMMUNICATION SYSTEMS

No. of papers published ...

National Journals :
International Journals : 1
Conferences : 1
Technology Transfer : 1
Research Publications: 1

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
FACULTY DETAILS**

Name : Rajesh R
Educational
Qualification : M.Tech in Electronics

Work Experience

TEACHING : 2 Years
RESEARCH :
INDUSTRY :
Others :

Area of
Specializations : Electronics
Subjects teaching at
Under Graduate Level : Basic Electronics, Electronic Circuits - I
Digital Electronics, Logic System Design

1. Title of the programme:

M.TECH POWER ELECTRONICS AND POWER SYSTEMS

2. Curricula and Syllabi

University affiliation inspection is scheduled on 26th August 2009 as per University order no.3697/2759/09/AVII dated 20-08-2009. Admissions yet to commence

3. Faculty Profile (Proposed. Presently they are attached to the EEE branch)

SI	Name	DESIGNATION	Subject Teaching
1.	Mr. P.C Thomas	Professor	University affiliation inspection is scheduled on 26 th August 2009 as per University order no.3697/2759/09/AVII dated 20-08-2009. Admissions yet to commence
2.	Prof. V I Cherian	Professor	
3.	Mr. Shivasubramnian	Asst. Professor	
4.	Mr. Divyalal R K	Asst. Professor	
5.	Mr. Sreeraj R	Asst. Professor	

➤ Brief profile of each faculty.

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
FACULTY DETAILS**

Name : P.C. THOMAS

Educational

Qualification :M.Tech in ELECTRICAL ENGINEERING

Work Experience

TEACHING : 9

RESEARCH : 2

INDUSTRY : 11

Others :

Area of

Specializations : ELECTRICAL ENGINEERING

Subjects teaching at CIRCUIT THEORY, ELECTROMAGNETIC THEORY, ELECTRICAL MACHINES,ELECTRICAL DRAWING, LINEAR INTEGRATED CIRCUIT, NETWORK ANALYSIS AND SYNTHESIS, ELECTRICAL CIRCUITS AND SYSTEMS, ELECTRICAL SYSTEM DESIGN.

Under Graduate Level :

No. of papers published in

National Journals :0

International Journals : 0

Conferences : 1

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
FACULTY DETAILS**

Name : V. I. CHERIAN

Educational

Qualification :M.Tech in ELECTRICAL

Work Experience

TEACHING : 3 YEARS

INDUSTRY : 34 YEARS

Others :

Area of

Specializations : ELECTRICAL

Subjects teaching at

Under Graduate Level : Basic Electrical Engineering, Power Generation & Distribution, Power System Analysis.

Projects Carried out :
1. Energy Audit of AJCE Campus.
2. Energy Audit of Sahyadri Pharmaseuticals.
3. Electrical Wiring Design - New Hostel.
4. Mobile Wind Generator

Technology Transfer : 1

Research Publications: 1

No. of Books published

with details : 1. Monograph of Power System Analysis.

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
FACULTY DETAILS**

Name : A.Sivasubramanian

Educational

Qualification :M.Tech in Power Systems Engineering

Work Experience

TEACHING : 6 years 3 months

RESEARCH : 4 years 6 months

INDUSTRY : 10 years

Others :

Area of

Specializations : Power Systems Engineering

Subjects teaching at

Under Graduate Level : Switchgear and Protection, Electrical Machines Lab – II, Electrical Machines III, Electrical Machines Lab – I, Basic Electrical Engineering

Research guidance

Ph.D :Nil

Masters's : 3 No.s

No. of papers published in

National Journals :Nil

International Journals : 4

Conferences : 9

Technology Transfer : 14 (National Conference -9,International Conference-1,International Journal-4)

Research Publications: 14 (National Conference -9,International Conference-1,International Journal-4)

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
FACULTY DETAILS**

Name : R.K. Divyalal

Educational

Qualification :M.Tech in ELECTRICAL MACHINES

Work Experience

TEACHING : 3 years 4 months

RESEARCH : 0

INDUSTRY : 0

Others :

Area of

Specializations : ELECTRICAL MACHINES

Subjects teaching at

Under Graduate Level : Power Electronics, Electrical Machines I, Electrical System Design, Electrical Drawing, Electrical Machines Lab.

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
FACULTY DETAILS**

Name : SREERAJ R

Educational

Qualification : M.Tech in Optoelectronics and Communication

Work Experience

TEACHING : 3 years 5 months

RESEARCH :

INDUSTRY : 10 months

Area of Specializations : Optoelectronics and Communication

Subjects teaching at

Under Graduate Level : 1) Basic Electrical Engineering, 2) Electrical and Electronics Measurements
3) Electrical Measuring Instruments, 4) Digital Circuits
5) Communication Engineering, 6) Switchgear and Protection
7) Optoelectronics and Communication

No. of papers published in

National Journals :

International Journals :

Conferences : 2

Projects Carried out : 1) TEA CO₂ LASER
2) Pedal Powered Inverter

1. Title of the programme:

M.TECH MACHINE DESIGN

2. Curricula and Syllabi

University affiliation inspection is scheduled on 26th August 2009 as per University order no.3697/2759/09/AVII dated 20-08-2009. Admissions yet to commence

3. Faculty Profile (Proposed. Presently they are attached to the ME branch)

SI	Name	DESIGNATION	Subject Teaching
1.	Dr. S. Balalsubramanian	Professor	University affiliation inspection is scheduled on 26 th August 2009 as per University order no.3697/2759/09/AVII dated 20-08-2009. Admissions yet to commence
2.	Dr. A Balalsubramonian	Professor	
3.	Fr.Jose Kannampuzha	Professor	
4.	Mr.K.P. Sundhareswaran	Professor	
5.	Mr. Satheesh Chandran	Asst. Professor	
6.	Mr. Toms Philip	Lecturer	

➤ Brief profile of each faculty.

DEPARTMENT OF MECHANICAL ENGINEERING FACULTY DETAILS

Name : Dr. S. Balasubramanian

Date of Birth : 30-05-1951

Educational

Qualification : Ph.D (Tribology)

Work Experience

Teaching : 24 Years

Area of Specialization : Tribology

Subjects teaching at

Under Graduate Level : Mchine Design, Dynamics of Machinery, Thermal Engineering

Research guidance

Masters : 1

**DEPARTMENT OF MECHANICAL ENGINEERING
FACULTY DETAILS**

Name : Dr. A . Balasubramonian

Date of Birth : 09-01-1941

Educational qualification: Ph.D (Mechanism Dynamics)

Work Experience

Teaching : 40 Years

Area of Specialization : Mechanism Dynamics

No. of papers published in

National Journals :1

International

Journals : 2

Conferences : 8

**DEPARTMENT OF MECHANICAL ENGINEERING
FACULTY DETAILS**

Name : Fr.Jose Kannampuzha

Date of Birth : 11-02-1952

Educational Qualification: M.Tech in Farm Machinery and Power

Work Experience

Teaching : 22.5 Years

Research : 1 year

Industry :2.6 Years

Others : 25 years of running Christian Parish Churches

Area of Specializations : Interdisciplinary Topic: Industry requirement and competence of graduate Engineers

No. of papers published in

Conferences : 1

**DEPARTMENT OF MECHANICAL ENGINEERING
FACULTY DETAILS**

Name : K P SUNDHARESWARAN
Educational
Qualification :M.Tech in INDUSTRIAL ENGG

Work Experience

TEACHING : 11YEARS2MONTHS
RESEARCH : NIL
INDUSTRY : 23 YEARS
Others :

Area of Specializations : INDUSTRIAL ENGG

Subjects teaching at

Under Graduate Level : BASIC MECHANICAL ENGG,ENGG
MECHANICS,THERMODYNAMICS,FLUID MECHANICS,THEORY OF
MACHINES,IE,RELIABILITY,SQC,OR,MANUFACTURING
PROCESS/MANAGEMENT, NONCONVENTIONAL
MACHINING,INSTRUMENTATION

**DEPARTMENT OF MECHANICAL ENGINEERING
FACULTY DETAILS**

Name : SATHEESH CHANDRAN V.
Educational Qualification :M.Tech in Propulsion Engineering

Work Experience

TEACHING : 5years 10 months

Area of Specializations : Propulsion Engineering

Subjects teaching :

Engineering Graphics,Thermodynamics

No. of papers published in

National Journals :0

International Journals : 0

Conferences : 1

Projects Carried out : 1.Numerical Analysis of Viscous Flow over Reentry Capsule

2.Shock Analysis of Alternator Onboard Naval Vessels

**DEPARTMENT OF MECHANICAL ENGINEERING
FACULTY DETAILS**

Name : Toms Philip

Educational Qualification : M.Tech in DESIGN

Work Experience

TEACHING : 3 YEARS

Area of Specializations : DESIGN

Subjects teaching at

Under Graduate Level : M 705 MACHINE DESIGN & DRAWING - 1

M 601 MECHANICS OF MATERIALS

M 306 STRENGTH OF MATERIALS

ENGINEERING GRAPHICS

No. of papers published in

Conferences : 5

1. Title of the programme:

MASTER OF COMPUTER APPLICATIONS

2. Curricula and Syllabi

University affiliation inspection is scheduled on 26th August 2009 as per University order no.3697/2759/09/AVII dated 20-08-2009. Admissions yet to commence

3. Faculty Profile (Proposed. Presently they are attached to the CSE branch)

SI	Name	DESIGNATION	Subject Teaching
1.	Mr. Manoj T. Joy	Professor	University affiliation inspection is scheduled on 26 th August 2009 as per University order no.3697/2759/09/AVII dated 20-08-2009. Admissions yet to commence
2.	Mr. Jobin T.J	Asst. Professor	
3.	Ms. Varsha George	Asst. Professor	
4.	Mr. Shan Geo	Lecturer	
5.	Mr. Vikas	Lecturer	
6.	Mr. Shoby C. Nair	Lecturer	

➤ Brief profile of each faculty.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING FACULTY DETAILS

Name : Manoj T Joy

Educational Qualification: M.Tech in Computer Science & Engineering

Work Experience

TEACHING : 7 years 2 months

RESEARCH :

INDUSTRY :

Others :

Area of

Specializations : Computer Science & Engineering

No. of papers published in

National Journals :

International Journals :

Conferences : 1

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
FACULTY DETAILS**

Name : Jobin T J

Educational Qualification: MCA, M.Tech in Network Communication and Security

Work Experience

TEACHING : 2 years 11 Months

RESEARCH : 0

INDUSTRY : 2 years 10 Months

Others :

Area of

Specializations : Network Communication and Security

Subjects teaching at

Under Graduate Level : C Programming, Object Oriented Programming in C++, Data Structures, Electronic Commerce, Computer Graphics, Database Management Systems, Network Computing, Web Technologies, Software Engineering

Projects carried out : 1. Team Member - Electronic Shopping cart
(<http://www.pinehurstshoppes.com/>)
2. Team Member - Online golf tee time reservation system
(<http://www.t-timez.com/>)

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
FACULTY DETAILS**

Name : Varsha George

Educational Qualification: MCA, M.Tech in CSE

Work Experience

TEACHING : 4 years 11 Months

RESEARCH : 0

INDUSTRY : 2 years

Others :

Area of

Specializations : Computer Science and Engineering

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
FACULTY DETAILS**

Name : Shaan Geo

Educational Qualification :M.Sc in Software Engineering

Work Experience

TEACHING : 1 Year 1 month

RESEARCH :

INDUSTRY : 1 year 6 month

Others :

Area of Specializations : Software Engineering

Subjects teaching at Under Graduate Level : Windows Programming, Client server Computing, Computer Programming, Computer Graphics Lab, DBMS Lab, Computer Programming Lab

No. of papers published in

Conferences : 3

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
FACULTY DETAILS**

Name : Vikas Varghese

Educational Qualification :MCA

Work Experience

TEACHING : 1 Year 1 month

RESEARCH :

INDUSTRY : 2 year 6 month

Others :

Area of Specializations: Computer Application, Software Engineering

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
FACULTY DETAILS**

Name : Shoby C. Nair

Educational Qualification :MCA

Work Experience

TEACHING : 1 Year 1 month

RESEARCH :

INDUSTRY : 3 year 6 month

Others :

Area of Specializations: Computer Application, Software Engineering

<ul style="list-style-type: none"> Laboratory facilities exclusive to the PG programme 	University affiliation inspection is scheduled on 26 th August 2009 as per University order no.3697/2759/09/AVII dated 20-08-2009. Admissions yet to commence
Special Purpose	
<ul style="list-style-type: none"> Software, all design tools in case 	
<ul style="list-style-type: none"> Academic Calendar and frame work 	
<ul style="list-style-type: none"> Research focus 	
List of typical research projects.	
<ul style="list-style-type: none"> Industry Linkage 	

<ul style="list-style-type: none"> • Publications (if any) out of research in last three years out of masters projects 	
<ul style="list-style-type: none"> • Placement status 	
<ul style="list-style-type: none"> • Admission procedure 	
<ul style="list-style-type: none"> • Fee Structure 	
<ul style="list-style-type: none"> • Hostel Facilities 	
<ul style="list-style-type: none"> • Contact address of co-ordinator of the PG programme 	
Name: Fr. Jose Kannampuzha	
Address: Amal Jyothi College of Engineering, Koovappally P.O., Kottayam District, Kerala 686 518	
Telephone: 04828-251661,	
E-mail: principal@amaljyothi.ac.in	