



AMAL JYOTHI
COLLEGE OF ENGINEERING
K A N J I R A P P A L L Y

Mandatory Disclosure 2013-2014

BASIC INFORMATION

1. **Name of College:** Amal Jyothi College of Engineering, Kanjirappally,
Koovappally P.O, Kottayam Dist, Kerala – 686 518
2. **Name of Principal:** [Rev. Dr. Fr. Jose Kannampuzha](#)
3. **Telephone/Fax/Email:** Tel: 04828- 305 500, 305 555, 251 661
Fax: 04828 – 251 136
Email: office@amaljyothi.ac.in
Web: www.amaljyothi.ac.in
www.ajce.in
4. **Year of establishment:** 2001
5. **Whether private/government/
University maintained:** : Private Self-Financing College
6. **AICTE Permanent Institute Id** : 1-2507271
Extension of Approval for the academic year 2013-2014 :
F. No South-West/1-1341183152/2013/EOA dated 19-Mar-2013

7. Courses offered:

<u>B. Tech COURSES</u>	<u>SANCTIONED STRENGTH</u>
1. COMPUTER SCIENCE AND ENGINEERING	120
2. ELECTRONICS AND COMMUNICATION ENGINEERING	120
3. ELECTRICAL AND ELECTRONICS ENGINEERING	60
4. INFORMATION TECHNOLOGY	60
5. MECHANICAL ENGINEERING	120
6. CIVIL ENGINEERING	120
7. AUTOMOBILE ENGINEERING	60
8. METALLURGY	60
9. CHEMICAL ENGINEERING	60
Total	780

<u>PG COURSES</u>	
10. MCA	60
11. M.TECH IN COMMUNICATION ENGINEERING	24
12. M.TECH IN POWER ELECTRONICS AND POWER SYSTEMS	18
13. M.TECH IN MACHINE DESIGN	18
14. M.TECH IN COMPUTER SCIENCE ENGINEERING	24
15. M.TECH IN STRUCTURAL ENGINEERING AND	24

CONSTRUCTION MANAGEMENT

16. M.TECH IN ENERGY SYSTEMS

24

Total

192

M Phil

Nil

8. Student enrolment during last four years:

No.	Programe	Branch / Specialisation	2010		2011		2012		2013	
			1*	2*	1*	2*	1*	2*	1*	2*
1	B. Tech	Automobile Engineering	60	63	60	45	60	55	60	53
2	B. Tech	Civil Engineering	90	95	90	90	120	125	120	123
3	B. Tech	Computer Science and Engineering	90	94	90	93	90	91	120	111
4	B. Tech	Electronics and Communication Engineering	120	127	120	122	120	122	120	106
5	B. Tech	Electrical and Electronics Engineering	60	63	60	61	60	55	60	49
6	B. Tech	Information Technology	60	59	60	56	60	47	60	29
7	B. Tech	Mechanical Engineering	90	94	120	125	120	123	120	123
8	B. Tech	Metallurgy	-	-	-	-	60	27	60	26
9	B. Tech	Chemical Engineering	-	-	-	-	-	-	60	63
10	M.C.A.	M.C.A.	60	59	60	59	60	59	60	59
11	M. Tech	Computer Science and Engineering	0	0	18	18	18	18	24	24
12	M. Tech	Communication Engineering	18	18	18	18	24	24	24	24
13	M. Tech	Power Electronics and Power Systems	18	18	18	18	18	18	18	18
14	M. Tech	Machine Design	18	12	18	12	18	14	18	7
15	M. Tech	Structural Engineering and Construction Mngt.	-	-	-	-	24	24	24	24
16	M. Tech	Energy Systems							24	24

1 - Sanctioned*

2 - Admitted*

9. Faculty Details

SI. No	Name	Designation	Branch	Qualification	Specializaiton
1	Prof.K.Vijayan	Professor & HOD	Automobile Engineering	M.E	Production Engineering
2	Mr.Tomy Joseph	Professor	Automobile Engineering	B.Sc Engg.	Mechanical Engineering
3	Mr.Sree Ram H	Assistant Professor	Automobile Engineering	M.Tech	CAD/CAM

4	Mr.Anoop C.V	Assistant Professor	Automobile Engineering	B.Tech	Automobile Engineering
5	Mr.Sherin Sam Jose	Assistant Professor	Automobile Engineering	M.E	Computer Intergrated Manufacturing
6	Mr.M.N Muraleedharan	Assistant Professor	Automobile Engineering	B.Sc Engg.	Mechanical Engineering
7	Mr.Binu Thomas	Assistant Professor	Automobile Engineering	B.Tech	Mechanical Engineering
8	Mr.Ajithkumar J.P	Assistant Professor	Automobile Engineering	M.E	Manufacturing Engineering
9	Mr.Thomas Abraham	Assistant Professor	Automobile Engineering	M.Tech	Industrial Engineerng & Management
10	Mr.Mathew K.J	Assistant Professor	Automobile Engineering	M.Tech	Manufacturing Engineering
11	Mr.Devkumar V	Assistant Professor	Automobile Engineering	B.Tech	Automobile Engineering
12	Mr.Reynold Jose	Assistant Professor	Automobile Engineering	M.E	Automobile Engineering
13	Mr.Abin Mathew	Assistant Professor	Automobile Engineering	B.Tech	Automobile Engineering
14	Jinesh Vinayachandran	Assistant Professor	Automobile Engineering	M.E	Industrial Engineering
15	Joseph K. J	Assistant Professor	Automobile Engineering	B.Tech	Automobile Engineering
16	Prof.Joy Cyriac	Professor in Maths	Basic Science	M.Sc	Maths
17	Dr.Soney C.George	Professor & HOD	Basic Science	M.Sc, PhD	Polymer Chemistry
18	Dr.Lissa Mathew	Professor	Basic Science	MSc,MPhil,PhD	Mathematics
19	Dr. K Karunakaran Nair	Professor	Basic Science	Ph.d, M.Sc	Physics(Spl:Electronics)
20	Ms.Lissa Rani Alex	Asst.Professor in Maths	Basic Science	M.Sc, B.Ed, M.Phil	Mathematics
21	Ms.Linu Tess Antony	Asst.Professor in Maths	Basic Science	M.Sc	Mathematics
22	Dr.Abin Manoj Pottemkulam	Associate Professor in Physics	Basic Science	M.Sc, PhD	Physics
23	Ms.Rose Jacob	Assistant Professor in Physics	Basic Science	M.Sc,MPhil	Physics
24	Mrs.Deepamol S	Assistant Professor in Maths	Basic Science	M.Sc, B.Ed, M.Phil	Mathematics
25	Mr.Thomaskutty Stephen	Assistant Professor in Maths	Basic Science	M.Sc	Mathematics
26	Ms.Jasmine Mathew	Assistant Professor in Maths	Basic Science	M.Sc	Mathematics
27	Ms.Nimmy Chacko	Assistant Professor in Maths	Basic Science	M.Sc	Mathematics
28	Sini Rose Devasia	Assistant Professor	Basic Science	M.Sc, B.Ed, M.Phil	Mathematics
29	Reya Kuruvila	Assistant Professor	Basic Science	MSc,BEd	Mathematics
30	Mr.Nobin Thomas	Assistant Professor	Basic Science	M.Sc, MPhil	Mathematics

31	Ms.Rino Laly Jose	Assistant Professor	Basic Science	M.Sc,B.Ed	Chemistry
32	Ms.Deepa H Nair	Assistant Professor	Basic Science	M.Sc,Ph.D	Mathematics-Applied Analysis
35	Mr.Naveen S	Assistant Professor	Chemical Engineering	M.Tech	Enviornmental Engineering & Management
36	Ms.Jayasree P.K	Assistant Professor	Chemical Engineering	M.Tech	Chemical Process Control
37	Ms.Surya S	Assistant Professor	Chemical Engineering	M.Tech	Chemical Plant Designs
38	Sr.Claramma Rosary CMC	Professor&HOD	Civil Engineering	M.Tech	Enviornmental Engineering
39	Prof. L.V.Prakash	Professor	Civil Engineering	B.Sc Engg	Civil Engineering
40	Prof.Georgekutty T.K	Professor	Civil Engineering	M.Tech	Aeronotical Engineering
41	Ms.Minu S	Assistant Professor	Civil Engineering	M.Tech	Remote Sensing & Geographic Information System
42	Ms.Dhanya Krishnan	Assistant Professor	Civil Engineering	M.Tech	Structural Engineering
43	Ms.Soumya Anand	Assistant Professor	Civil Engineering	M.Tech	Structural Engineering
44	Ms.Jiss Abraham	Assistant Professor	Civil Engineering	M.Tech	Structural Analysis and Design
45	Ms.Jessymol George	Assistant Professor	Civil Engineering	M.E	Structural Engineering
46	Ms.Annie Maria Issac	Assistant Professor	Civil Engineering	M.Tech	Water Resource & Enviornmental Engineering
47	Mr.Arun Sunny N	Assistant Professor	Civil Engineering	M.Tech	Structural Engineering
48	Ms.Margret Sherin Joseph	Assistant Professor	Civil Engineering	M.Tech	Trafic & Transportation Engineering
49	Mr.Bevin Varghese Cherian	Assistant Professor	Civil Engineering	M.S	Structural Engineering
50	Dr.Mini Mathew	Associate Professor	Civil Engineering	M.Tech, PhD	Ground Water Modelling
51	Mr.Vishnu B	Assistant Professor	Civil Engineering	M.S	Transportation Engineering
52	Ms.Jyothis George	Assistant Professor	Civil Engineering	M.Tech	Water Resource & Hydro Informatics
53	Mr.Nirmal George	Assistant Professor	Civil Engineering	M.E	Structural Engineering
54	Ms.Grace Mary Abraham	Assistant Professor	Civil Engineering	M.Tech	Construction Engineering & Management
55	Mr.Belarmin Xavier C.S	Assistant Professor	Civil Engineering	M.E	Construction Engineering & Management
56	Mr.Jose Joseph	Assistant Professor	Civil Engineering	M.Tech	Transportation Engineering
57	Sheethal Tom	Assistant Professor	Civil Engineering	M.Tech	Trafic & Transportation Engineering
58	Megha Thomas	Assistant Professor	Civil Engineering	M.Tech	Offshore Structurers
59	Ms.Lisa Mary Thomas	Assistant Professor	Civil Engineering	M.Tech	Construction Engineering & Management

60	Ms.Linu Theresa Jose	Assistant Professor	Civil Engineering	M.Tech	Structural Engineering
61	Mr.Deepak John Peter	Assistant Professor	Civil Engineering	M.Tech	Transportation Engineering
62	Naveen Joseph	Assistant Professor	Civil Engineering	M.Tech	Water Resources
63	Ms.Cini Philip	Assistant Professor	Civil Engineering	M.Tech	construction Technology & management
64	Ms.Tina Abey Joseph	Assistant Professor	Civil Engineering	M.Tech	Geomechanics & Structures
65	Ms.Ria Jose	Assistant Professor	Civil Engineering	M.Tech	Structural Engineering
66	Mr.George Mohan	Assistant Professor	Civil Engineering	M.Tech	Transportation Engineering & Management
67	Ms. Jeena B. Edayadiyil	Assistant Professor	Civil Engineering	M.Tech	Computer Aided Structural Engineering
68	Mr.Manoj T.Joy	Professor & HOD	Computer Science & Engineering	M.Tech	Network Communication & Security
69	Ms.Fabeela Ali Rawther	Assistant Professor	Computer Science & Engineering	M.Tech	Computer Science & Engineering
70	Ms.Resmipriya M.G	Assistant Professor	Computer Science & Engineering	M.Tech	Computer Science & Engineering
71	Mr.Santhoshkumar G.S	Assistant Professor	Computer Science & Engineering	M.Tech	Computer and Communication
72	Mr.Syam Gopi	Assistant Professor	Computer Science & Engineering	M.E	Computer Science & Engineering
73	Mr. Ajith G.S	Assistant Professor	Computer Science & Engineering	M.E	Computer Science & Engineering
74	Ms.Ashji S.Raj	Assistant Professor	Computer Science & Engineering	M.Tech	Cyber Security
75	Ms.Anju.S.S	Assistant Professor	Computer Science & Engineering	M.Tech	Cyber Security
76	Mr.Jayakrishna V	Assistant Professor	Computer Science & Engineering	M.Tech	Image Processing
77	Ms.Neenu R	Assistant Professor	Computer Science & Engineering	M.E	Computer Science & Engineering
78	Ms.Anjana V	Assistant Professor	Computer Science & Engineering	M.Tech	Computer Science & Engineering
79	Ms.Sruthy S	Assistant Professor	Computer Science & Engineering	M.Tech	Computer & information Science
80	Mrs.Shiney Thomas	Assistant Professor	Computer Science & Engineering	M.Tech	Network Communication & Security
81	Mrs.Lisha Varghese	Assistant Professor	Computer Science & Engineering	M.E	Computer Science & Engineering
82	Ms.Elizabeth Thomas	Assistant Professor	Computer Science & Engineering	M.Tech	Computer Science & Engineering
83	Mr.Jerin Thomas	Assistant Professor	Computer Science & Engineering	M.E	Computer Science & Engineering
84	Ms.Anishamol Abraham	Assistant Professor	Computer Science & Engineering	M.Tech	Computer Science & Engineering
85	Ms. Tintu Alphonsa Thomas	Assistant Professor	Computer Science & Engineering	M.Tech	Software Engineering
86	Ms. Niya Joseph	Assistant Professor	Computer Science & Engineering	M.Tech	Computer Science & Engineering

87	Ms.Sumy Joseph	Assistant Professor	Computer Science & Engineering	M.Tech	Software Engineering
88	Ms.Ansamol Varghese	Assistant Professor	Computer Science & Engineering	M.Tech	Computer Science & Engineering
89	Minu George	Assistant Professor	Computer Science & Engineering	M.E	Computer & Communication
90	Ms.Sharon Sunny	Assistant Professor	Computer Science & Engineering	M.Tech	Computer Science & Information Systems
91	Mr.Deepu Benson	Assistant Professor	Computer Science & Engineering	M.E	Computer Science & Engineering
92	Mr.Aby Jacob	Assistant Professor	Computer Science & Engineering	MS	Software Systems
93	Mr. Krishnalal G	Assistant Professor	Computer Science & Engineering	M.Tech	Computer Science & Engineering
94	Ms.Neethu C Sekhar	Assistant Professor	Computer Science & Engineering	M.Tech	Computer and Information Science
95	Mr.V.I.Chерian	Professor,Dean Accademic	Electrical & Electronics Engineering	M.E	Power Systems
96	Mr.P.C.Thomas	Professor & HOD	Electrical & Electronics Engineering	M.Tech	Power Systems Reliability
97	Mr.K.J.Thomas	Professor	Electrical & Electronics Engineering	M.Sc(Engg)	Instrumentation & Control Systems
98	Ms.Sreeja C	Assistant Professor	Electrical & Electronics Engineering	M.Tech	Power Electronics & Power Systems
99	Ms.Manjusha V.A	Assistant Professor	Electrical & Electronics Engineering	M.E	Power Electronics & Drives
100	Ms.Vidhya M.Nair	Assistant Professor	Electrical & Electronics Engineering	M.Tech	Power Electronics & Power Systems
101	Mrs.Sreekala P	Assistant Professor	Electrical & Electronics Engineering	M.Tech	Power Electronics & Power Systems
102	Mr.Arun S	Assistant Professor	Electrical & Electronics Engineering	M.E	Power Electronics
103	Ms.Reshmi.V	Assistant Professor	Electrical & Electronics Engineering	M.Tech	Power Systems
104	Mr.Anomodu D.M	Assistant Professor	Electrical & Electronics Engineering	M.E	Power Systems
105	Mr.Sreenath B	Assistant Professor	Electrical & Electronics Engineering	M.Tech	Power and Energy Systems
106	Ms.Nidhi M.J	Assistant Professor	Electrical & Electronics Engineering	M.Tech	Energy Engineering
107	Mr.Robins Anto	Assistant Professor	Electrical & Electronics Engineering	M.Tech	Energy Systems
108	Mr.Joffie Jacob	Assistant Professor	Electrical & Electronics Engineering	M.Tech	Power Electronics & Power Systems
109	Ms.Sarin Baby	Assistant Professor	Electrical & Electronics Engineering	M.Tech	Power Systems
110	Mr.Victor Jose	Assistant Professor	Electrical & Electronics Engineering	M.Tech	Energy Systems
111	Mr. Bobin K. Mathew	Assistant Professor	Electrical & Electronics Engineering	M.Tech	Integrated Power System
112	Mr.Anish Benny	Assistant Professor	Electrical & Electronics Engineering	M.Tech	Industrial Instrumentation and Control
113	Mr.Shinosh Mathew	Assistant Professor	Electrical & Electronics Engineering	M.E	Power Electronics & Drives

114	Ms.Sonia Sunny	Assistant Professor	Electrical & Electronics Engineering	M.Tech	Industrial Drives & Control
115	Ms. Rani Chacko	Assistant Professor	Electrical & Electronics Engineering	M.Tech	Energy Systems
116	Ms.Dona Sebastian	Assistant Professor	Electrical & Electronics Engineering	M.Tech	Power Electronics & Power Systems
117	Neenu Rose Antony	Assistant Professor	Electrical & Electronics Engineering	M.Tech	Power Electronics & Power Systems
118	Mr.K.G.Satheeshkumar	Professor & HOD	Electronics & Communication Engg.	M.Tech	Network Communication & Security
119	Dr.James Jacob	Dean - Research	Electronics & Communication Engg.	B.E,Ph.D	VLSI Design
120	Mr.Abubaker K.M	Assistant Professor	Electronics & Communication Engg.	M.E	Embedded System Technology
121	Mrs.Darsana P	Assistant Professor	Electronics & Communication Engg.	M.Tech	Communication Engineering
122	Mr.Sunishkumar O.S	Assistant Professor	Electronics & Communication Engg.	M.Tech	Opto Electronics & Communication
123	Ms.Praseeda B.Nair	Assistant Professor	Electronics & Communication Engg.	M.Tech	Communication Engineering
124	Ms.Divya R. S	Assistant Professor	Electronics & Communication Engg.	M.Tech	VLSI Design
125	Mr.Jaison C.S	Assistant Professor	Electronics & Communication Engg.	M.Tech	Network Communication & Security
126	Ms.Ranjitha Rajan	Assistant Professor	Electronics & Communication Engg.	M.Tech	Opto Electronics
127	Mr.Binu C. Pillai	Assistant Professor	Electronics & Communication Engg.	M.Tech	VLSI Design
128	Ms.Careena P	Assistant Professor	Electronics & Communication Engg.	M.E	Communication Systems
129	Mr.GeeVarghese Titus	Assistant Professor	Electronics & Communication Engg.	M.Tech	Network Communication & Security
130	Mrs.Muth Sebastian	Assistant Professor	Electronics & Communication Engg.	M.Tech	Communication Engineering
131	Mr.Anu Abraham Mathew	Assistant Professor	Electronics & Communication Engg.	M.Tech	Communication Engineering
132	Ms.Indu Reena Varghese	Assistant Professor	Electronics & Communication Engg.	M.Tech	Sensor System Technology
133	Mr.Jose J.Edathala	Assistant Professor	Electronics & Communication Engg.	M.Tech	Sensor System Technology
134	Mr.Binoshi Samuel	Assistant Professor	Electronics & Communication Engg.	M.Tech	Signal Processing
135	Ms.Rosamma Sebastian	Assistant Professor	Electronics & Communication Engg.	M.Tech	Opto Electronics
136	Ms.Elsa George	Assistant Professor	Electronics & Communication Engg.	M.Tech	Signal Processing
137	Ms.Jomy Susan Ipe	Assistant Professor	Electronics & Communication Engg.	M.Tech	Digital Electronics
138	Mr.Shinto Sebastian	Assistant Professor	Electronics & Communication Engg.	M.Tech	Communication Engineering
139	Ms.Therese Yamuna Mahesh	Assistant Professor	Electronics & Communication Engg.	M.Tech	Network Communication & Security
140	Ms.Reeju Elisa Baby	Assistant Professor	Electronics & Communication Engg.	M.E	VLSI Design

141	Ms.Tessy Annie Varghese	Assistant Professor	Electronics & Communication Engg.	M.Tech	Communication Systems
142	Mr.Agi Joseph George	Assistant Professor	Electronics & Communication Engg.	M.E	VLSI Design
143	Mr.Binu Mathew	Assistant Professor	Electronics & Communication Engg.	M.E	Communication Systems
144	Mr.Ajai Mathew	Assistant Professor	Electronics & Communication Engg.	M.E	Communication Systems
145	Ms.Ria Maria George	Assistant Professor	Electronics & Communication Engg.	M.E	Communication Systems
146	M.Mathew George	Assistant Professor	Electronics & Communication Engg.	M.Tech	Electronics & Communication
147	Mr.Midhun jJoy	Assistant Professor	Electronics & Communication Engg.	M.Tech	Communication Engineering
148	Ms.Merene Joseph	Assistant Professor	Electronics & Communication Engg.	M.Tech	Communication Engineering
149	Mrs.Gracy E.M	Professor in Economics	Humanities	MA	Economics
150	Mr.P.K.Kuruvilla	Professor in Economics	Humanities	MA	Economics
151	Dr.Sebastian V. J	Professor & HOD	Humanities	MA Ph.D	English
152	Mr.Jince Kappan	Asst.Professor in Phy. Edu	Humanities	MPed, M.Phil	Physical Education
153	Ms.Shamini James	Asst.Professor (M.B.A)	Humanities	MBA	Marketing & Finance
154	Mr. Jose Dominic Joseph	Assistant Professor	Humanities	B.Sc, B.Ed, MTM	MTM
155	Ms. Sangeeta S	Assistant Professor	Humanities	M.A,B.Ed	English
156	Ms. Susan Chacko	Assistant Professor	Humanities	M.A, MBA	
157	Ms.Yelana Thomas	Assistant Professor in English	Humanities	MA, B.Ed	English
158	Ms.Sandhya Ramakrishnan	Professor & HOD	Information Technology	M.Tech, MBA	Computer & information Science
159	Ms.Midhuna Jyothi R	Assistant Professor	Information Technology	M.E	Software Engineering
160	Ms.Saumya Sadhanandan	Assistant Professor	Information Technology	M.Tech	Computer Science & Engineering
161	Ms.Syamala S	Assistant Professor	Information Technology	M.Tech	Computer Science & Engineering
162	Mr.Shijin P.V	Assistant Professor	Information Technology	M.Tech	Embeded Systems
163	Mr.Thomas Varghese	Assistant Professor	Information Technology	M.E	Computer Science & Engineering
164	Mr.Shiju George	Assistant Professor	Information Technology	MS	Software Systems
165	Mr.Melbin Varghese John	Assistant Professor	Information Technology	M.E	Computer Science & Engineering
166	Mr.Jobin T.J	Assistant Professor	Information Technology	M.Tech	Network Communication & Security
167	Mrs.Merin Manoj	Assistant Professor	Information Technology	M.Tech	Network Communication & Security

168	Mr.Joms Antony	Assistant Professor	Information Technology	M.Tech	Computer Science & Engineering
169	Ms.Alfin Abraham	Assistant Professor	Information Technology	M.Tech	Computer and Communication
170	Ms.Jincy Lukose	Assistant Professor	Information Technology	M.Tech	Computer Science & Engineering
171	Ms.Reshma P	Assistant Professor	Information Technology	M.Tech	Computer Science & Engineering
172	Fr.Rubin Thottupuram	Assistant Professor	Master of Computer Application	MCA, M.Tech	Computer Science & Engineering
173	Mr.Jinson Devis	Assistant Professor	Master of Computer Application	MCA	Computer Applications
174	Ms.Shelly Shiju George	Assistant Professor	Master of Computer Application	MCA	Computer Applications
175	Mr.Juby Mathew	Assistant Professor	Master of Computer Application	MCA, M.Phil	Computer Applications
176	Ms. Nisha E.C.	Assistant Professor	Master of Computer Application	MCA	Computer Applications
177	Sr.Elsin Chackalakal	Assistant Professor	Master of Computer Application	M.E	Computer Science
178	Ms.Jismy V A	Assistant Professor	Master of Computer Application	MCA	Computer Applications
179	Mr. Rony Tom	Assistant Professor	Master of Computer Application	MCA	Computer Applications
180	Rev.Fr.Jose Kannampuzha	Principal, Professor	Mechanical Engineering	Ph.d, M.Tech	Industrial Requirements for and competence of Engineering Graduates, Farm Machinery and Power
181	Dr.Jippu Jacob	Professor,HOD&coord.of Tifacore	Mechanical Engineering	Ph.d, M.Tech	Farm Machinery
182	Mr.K.P.Sundhareswaran	Professor	Mechanical Engineering	M.Tech	Industrial Engineering
183	Mr.Shibabudeen P.S	Assistant Professor	Mechanical Engineering	B.Tech	Mechanical Engineering
184	Mr.Arjun K.R	Assistant Professor	Mechanical Engineering	M.Tech	Industrial engineering & management
185	Mr.Vipin B	Assistant Professor	Mechanical Engineering	M.Tech	
186	Mr.Amal S.Siju	Assistant Professor	Mechanical Engineering	B.Tech	Mechanical Engineering
187	Mr.Ashok Chitharenjan	Assistant Professor	Mechanical Engineering	M.Tech	Propulsion Engineering
188	Mr.Vysakh S	Assistant Professor	Mechanical Engineering	M.Tech	Industrial Refrigeration and cryogenics
189	Mr. Rakesh R	Assistant Professor	Mechanical Engineering	M.Tech	Engineering Design
190	Mr.Arun K.Sukumaran	Assistant Professor	Mechanical Engineering	M.Tech	Thermal Science
191	Mr.Toms Philip	Assistant Professor	Mechanical Engineering	M.Tech	Engineering Design
192	Mr.Mathew Joseph	Assistant Professor	Mechanical Engineering	M.Tech	Thermal Engineering Fluid
193	Mr.Jibin C.Jacob	Assistant Professor	Mechanical Engineering	M.Tech	Material Science & Technology

194	Mr.Rojas Thomas	Assistant Professor	Mechanical Engineering	M.Tech	Aerospace Propulsion
195	Mr.Ajosh Abraham	Assistant Professor	Mechanical Engineering	B.Tech	Mechanical Engineering
196	Mr.Tenny Thomas	Assistant Professor	Mechanical Engineering	M.Tech	Industrial engineering & management
197	Mr.Roshan Kuruvila	Assistant Professor	Mechanical Engineering	M.Tech, MBA	Production engineering
198	Mr.George Idicula	Assistant Professor	Mechanical Engineering	B.Tech	Mechanical Engineering
199	Mr.Arun Thomas	Assistant Professor	Mechanical Engineering	B.Tech	Mechanical Engineering
200	Mr.Richu Thomas	Assistant Professor	Mechanical Engineering	M.E	Aeronotical Engineering
201	Mr.Mathew J Joseph	Assistant Professor	Mechanical Engineering	M.Tech	Manufacturing Technology
202	Mr.M.S.Steve	Assistant Professor	Mechanical Engineering	M.Tech	Advance Manufacturing and Production Engineering
203	Mr.Francis K	Assistant Professor	Mechanical Engineering	M.Tech	Industrial engineering & management
204	Mr.Abu Mani	Assistant Professor	Mechanical Engineering	M.E	Production engineering
205	Mr.Meby Mathew	Assistant Professor	Mechanical Engineering	M.E	Manufacturing Systems, Management
206	Mr.Ashwin Chandy Alex	Assistant Professor	Mechanical Engineering	M.Tech	Mechanical Machine Design
207	Mr.Roni Thomas Murickan	Assistant Professor	Mechanical Engineering	M.Tech	Manufacturing Syst
208	Mr.Bini Koshy Varghese	Assistant Professor	Mechanical Engineering	M.Tech	Mechatronics
209	Mr.Tony Varghese	Assistant Professor	Mechanical Engineering	M.Tech	Machine Design
210	Mr.Ginu Thomas	Assistant Professor	Mechanical Engineering	B.Tech	Mechanical Engineering
211	Mr.Subin P.George	Assistant Professor	Mechanical Engineering	M.S	Engineering Design
212	Mr.Tom Sunny	Assistant Professor	Mechanical Engineering	M.Tech	Advanced Manufacturing & Production Management
213	Mr.Nobin John	Assistant Professor	Mechanical Engineering	B.Tech	Mechanical Engineering
214	Mr. K Sreekumar	Professor	Metallurgy	M.E	Metallurgy
215	Dr.K.G.Samuel	Professor	Metallurgy	Ph.d, M.S	Metallurgy
216	Mr.Jithin Devasia	Assistant Professor	Metallurgy	M.Tech	Material Science & Technology

10. Administrative, laboratory and library staff:

Sl.No.	Name	Designation	Department
1	Sr.Tincy Maria	Senior Superintendant	Administration
2	Mrs.Nisha George	Finance Asst.	Administration
3	Mrs.Ancy Mathew	Store Keeper	Administration
4	Mr.Benny Joseph	P.A to Principal	Administration
5	Mr.Shaji Francis	Junior Superintendant	Administration
6	Mr.Sabu Dominic	Finance Asst.	Administration
7	Mrs.Shiji Mathew	Data Entry Operator	Administration
8	Mr.John Denzil	UD Clerk	Administration
9	Mr.Antony Joseph	Accountant	Administration
10	Mr.P. V Vinod	Site Engineer	Administration
11	Robin K.Tom	Secretary cum Typist	Administration
12	Libin K.Ignatius	Secretary cum Typist	Administration
13	Mr.Jacob Chacko	Office Asst.	Administration
14	Mr.Jaison Joseph	Office Asst.	Administration
15	Mr.Binu Abraham	Driver Cum Office Asst.	Administration
16	Mr.Benny K.A	Office Asst.	Administration
17	Mr.Binu Sebastian	Driver Cum Office Asst.	Administration
18	Mr.Jins Cherian	Driver Cum Office Asst.	Administration
19	Mr.Sibi Sebastian	Driver Cum Office Asst.	Administration
20	Siju Joseph	Plumber	Administration
21	Anish Joseph	Plumber & Electrician	Administration
22	Regimon Joseph	Asst. Storekeeper	Administration
23	Boben George	Secretary cum Typist	Administration
24	Thomas P J	UD Clerk	Administration
25	Mr. Rony Scaria	Lab Instructor Grade-II	Automobile
26	Mr.Jerry Robert	Lab Assistant	Automobile
27	Mr.P.John Mathew	Senior Workshop Instructor	Automobile
28	Mr. Sabu M	Lab Assistant	Automobile
29	Mr. Subin K Sebastian	Lab Assistant	Automobile
30	Nibin George	Lab Instructor Grade-II	Automobile
31	Mr.Shaji Joseph	Lab Assistant	Civil
32	Mrs.Sheena P.Abraham	Lab Instructor Grade-II	Civil
33	Mrs.Mini Jacob	Lab Instructor Grade-II	Civil
34	Mr.Anishmon Jose	Lab Assistant	Civil
35	Mr.Thomas V.T	Lab Assistant	Civil
36	Mr.Anoop George	Lab Assistant	Civil
37	Ms.Deepa Sebastian	Lab Instructor Grade-II	Civil
38	Mr.Ani K.S	Trade Instructor Grade II	Civil
39	Tomson K James	Lab Assistant	Civil
40	Jeril Jacob	Lab Assistant	Civil
41	Mr.Nishad C.V	Lab Instructor Grade-II	Computer Science
42	Mr.Manoj Joseph	Lab Instructor Grade-II	Computer Science
43	Mr.Arun M.R	Lab Instructor Grade-II	Computer Science
44	Rajesh Kumar N	Web Developer	Computer Science
45	Mr.Binesh Babu	Lab Assistant	Computer Science
46	Mrs.Susamma Dominic	Trade Instructor Grade-I	Electronics and Communication
47	Mr.Anish Thankachan	Lab Instructor Grade-II	Electronics and Communication
48	Ms.Jilimol K.C	Lab Instructor Grade-II	Electronics and Communication
49	Ms.Shefeena Karim	Lab Instructor Grade-II	Electronics and Communication
50	Mr.Rajesh M.G	Lab Instructor Grade-II	Electronics and Communication
51	Mr.Jomon Joseph	Lab Instructor Grade-II	Electronics and Communication

52	Mr.Manoj A.V	Lab Instructor Grade-II	Electronics and Communication
53	Mr.Sreejith C.S	Lab Instructor Grade-II	Electronics and Communication
54	Mr.Jobish D	Lab Instructor Grade-II	Electronics and Communication
55	Mr.Rajesh Mathew	Workshop Instructor Grade-I	Electrical and Electronics
56	Mr.Binumon Joseph	Electrician	Electrical and Electronics
57	Mr.Manoj K.M	Lab Instructor Grade-II	Electrical and Electronics
58	Mr.Lijo Varghese	Electrician	Electrical and Electronics
59	Mr.P.Radhakrishnan	Lab Assistant	Electrical and Electronics
60	Ms.Rajitha Rajan	Lab Instructor Grade-II	Electrical and Electronics
61	Ms.Praseetha K.B	Lab Instructor Grade-II	Electrical and Electronics
62	Mr.Ramesh P.D	Lab Instructor Grade-II	Electrical and Electronics
63	Mr.Madhukumar P K	Lab Instructor Grade-II	Electrical and Electronics
64	Bindu R	Lab Instructor Grade-II	Electrical and Electronics
65	Arunkumar K. R	Lab Instructor Grade-II	Electrical and Electronics
66	Jose Philip	Lab Instructor Grade-II	Electrical and Electronics
67	Rev.Fr.Joseph Maniangattu	Counsellor	Humanities
68	Sr.Ann Maria	Counsellor	Humanities
69	Mr.Zac Mathew K	Secretary Confrences Trainee	Humanities
70	Mr.Thomas Paul	Placement Officer Cum PRO	Humanities
71	Mr.Tojin Xavier	System Administrator	Information Technology
72	Mr.Raveendrakumar K.V	Lab Instructor Grade-I	Information Technology
73	Mr.Haris Xavier	Lab Instructor Grade-II	Information Technology
74	Mr.Febin Francis	Lab Instructor Grade-II	Information Technology
75	Mr.Renjithkumar P.G	Lab Instructor Grade-II	Information Technology
76	Mr.Aneesh M	Lab Instructor Grade-II	Information Technology
77	Ms.Jyothikumaryi K.P	Lab Assistant	Information Technology
78	Mr.Shijo Sebastian	Lab Assistant	Information Technology
79	Mr.Tijo Thomas	Lab Instructor Grade-II	Information Technology
80	Mr.Harikrishnan R	Lab Instructor Grade-II	Information Technology
81	Shiji V.K	Lab Assistant	Information Technology
82	Mrs.Kochurani Jcob	Librarian	Library
83	Mr.Tony Michael	Asst.Librarian	Library
84	Sr.Rosily T.J	Library Asst.	Library
85	Mrs.Ushus Mathew	Library Asst.	Library
86	Mr.Biju K.I	Internet Lab Incharge	Library
87	Mrs.Lini Santhosh	Supporting Staff	Library
88	Mr.Sebastian C. Parackal	Library Asst.	Library
89	Mr.Thomas Abraham	Lab Instructor Grade-II	MCA
90	Mr.A.N.Raman	Senior Workshop Instructor	Mechanical
91	Mr.Thomas Joseph	Workshop Instructor Grade-I	Mechanical
92	Mr.Vinu K.Varghese	Workshop Instructor Grade-I	Mechanical
93	Mr.Renjith V.K	Lab Instructor Grade-II	Mechanical
94	Mr.Jiby Zacharias	Lab Instructor Grade-II	Mechanical
95	Mr.Balachadran K	Lab Instructor Grade-II	Mechanical
96	Mr.Jose.Mathew.Maliakal	Workshop Instructor Grade-I	Mechanical
97	Mr.T.A.Abraham	Senior Workshop Instructor	Mechanical
98	Mr.Anvin M.Mathew	Lab Instructor Grade-II	Mechanical
99	Jeleshmon P P	Lab Instructor Grade-II	Metallurgy
100	P. V Thomas	Lab Supervisor	Metallurgy

11. Results during the last five years:**AMAL JYTHI COLLEGE OF ENGINEERING, KANJIRAPPALLY
EXAMINATION RESULTS - B.TECH**

2009-10

Course	Students appeared	% of pass	Distinction	First class
AUE				
CE				
CSE	58	65.51	2	36
ECE	97	58.76	11	46
EEE	46	39.13	2	16
IT	54	51.85	5	23
ME	62	24.19	2	13

2010-11

Course	Students appeared	% of pass	Distinction	First class
AUE				
CE	58	36.20	4	17
CSE	63	55.55	6	29
ECE	127	59.84	13	63
EEE	61	50.81	2	29
IT	62	66.12	5	36
ME	65	27.69	3	15

2011-12

Course	Students appeared	% of pass	Distinction	First class
AUE				
CE	63	63.49	6	34
CSE	64	68.75	16	28
ECE	130	69.23	21	69
EEE	65	58.46	5	33
IT	63	68.25	7	36
ME	62	41.93	3	23

2012-13

Course	Students appeared	% of pass	Distinction	First class
AUE				
CE	62	77.42	10	38
CSE	62	90.32	10	46
ECE	123	86.18	23	83
EEE	61	70.49	10	33
IT	59	77.97	5	41
ME	62	51.61	6	26

2013-14

Course	Students appeared	% of pass	Distinction	First class
AUE	17	11.76	0	2
CE	63	82.54	12	40
CSE	93	64.52	18	42
ECE	126	73.02	21	70
EEE	61	78.69	16	32
IT	46	47.83	3	19
ME	96	57.29	7	46

M.Tech Results (Percentage of pass – Last 2 Years)

COURSE	2012	2013
CSE	NA	NA
COMM.ENGG	66.67	94.11
PEPS	94.44	70.58
MD	-	69.23
SE	NA	NA
ES	NA	NA

12. Number of M. Phil/Ph.D.s produced during the last three years:

The college is not a Research centre

13. Details of the Library:

Amal Jyothi College Library is fully computerized, offering its users full access to interactive media and hardcopies that complement the teaching learning process.

Area		: 2973m ²
Seating Capacity		: 439
Volume (Subject)	(Central Library)	: 27114
Volume (Subject)	(Department Library)	: 5447
Volume (General)	(Central Library)	: 1894

Volume (General) (Department Library) : 816
 Volume : 35572
 Title : 16019

Details of books and journals are listed below.

Sl#	Course	Subject						No. of National Journals	Online International Journals
		Titles			Volumes				
		Cent. Lib	Dept. Lib	Total	Cent. Lib	Dept. Lib	Total		
1	Automobile Engineering	318	202	520	778	369	1147	6	ASME+Elsevier Science Direct+ASTM DL
2	Civil Engineering	1124	596	1720	2572	976	3548	12	ASME+Elsevier Science Direct+ASTM DL
3	Computer Science and Engineering	1548	363	1911	3649	644	4293	12	IEL+Elsevier Science Direct+ASTM DL+Springer
4	Electronics and Communication Engineering	1638	672	2310	4516	1106	5622	13	
5	Electrical and Electronics Engineering	1304	686	1990	3226	1163	4389	7	
6	Information Technology	1694	565	2259	2673	746	3419	6	
7	Mechanical Engineering	1509	115	1624	2858	147	3005	12	
	Metallurgy	59	0	59	80	0	80	6	ASME+Elsevier Science Direct+ASTM DL
8	Chemical Engineering	27	0	27	56	0	56	6	
	Basic Science and Humanities	2084	215	2299	2695	301	2996	10	
9	M-Tech CE	100	0	100	219	0	219	5	ASME+Elsevier Science Direct+ASTM DL
10	M-Tech CSE	154	0	154	287	0	287	5	IEL+Elsevier Science Direct+ASTM DL+Springer
11	M-Tech ECE	173	68	241	508	86	594	5	
12	M-Tech EEE	183	54	237	323	98	421	7	

	M-Tech ES	56	0	56	93	0	93	5	
13	M-Tech ME	248	86	334	528	112	640	5	ASME+Elsevier Science Direct+ASTM DL
14	MCA	383	0	383	2051	0	2051	12	IEL
15	General	1669	793	2462	1894	816	2710	8	

Details of Digital Library: DSpace@AJCE

Collections: NPTEL video Lectures, Question papers, Conference proceedings and reference materials

BACKGROUND OF THE INSTITUTION

Amal Jyothi College of Engineering (AJCE), Kanjirappally, Kottayam Dt. Kerala, which is approved by the AICTE and affiliated to M.G. University, Kottayam, was established in 2001 as a self-financing engineering college managed by the Diocesan Educational Trust under the Catholic Diocese of Kanjirappally, Kerala. It is steered by a governing body comprising senior scientist, engineers and renowned educationalists.

Amal Jyothi is nestled in a mildly undulating 55-acre expanse, in the midst of a verdant landscape of the Western Ghats. The busy Kanjirappally-Erumeli-Sabarimala state highway borders the campus on one side. The College is equipped with state-of-the-art facilities for teaching, training, project work, research and consultancy

From the humble beginning of 4 B.Tech programs with 180 student intake, Amal Jyothi has grown as the largest new generation engg. college in Kerala for its B.Tech intake of 780 in 9 branches, besides 6 M.Tech programmes and MCA.

Amal Jyothi in the first new generation engineering college in Kerala to secure NBA accreditation for its prime departments. It is the only engineering college in Kerala to have a built-up area of about 12 lakh sq.ft including two campus hostels for boys and girls which can accommodate 2000 residents.

a) Amal Jyothi - the most sought after college

Amal Jyothi with its largest number of seats for B.Tech, has no shortage of admissions while many of the 130 odd self-financing colleges find it difficult to get even 50% admission. It is the most sought-after college by students and parents because of its state-of-the-art infrastructure, discipline, faculty, academics, innovations and easy access.

Prominent features of the college are listed below.

Amal Jyothi is the only engineering college in Kerala having

- The first new-generation Engg. College in Kerala to secure NBA accreditation for prime departments.
- Reached the last leg of TIFAC-CORE, under the DST, Govt. of India.
- An Innovation Entrepreneurship Development Centre (IEDC) of the DST, Govt. of India.
- A Catholic priest as Principal who secured 1st rank in both B.Tech (Calicut Uty), M.Tech (IIT, Kharagpur). Also, Ph.D. (M.G. Uty).
- Highest intake in Kerala with 780 B.Tech. Seats across nine branches, besides 192 seats for seven Master's.
- Malayala Manorama's Technical partnership in all-Kerala Yuva MasterMind Project Contest
- Remote centre of e-outreach program 'Ekalavya' of IIT, Bombay.
- Consistently won national level engineering project contests - 'Innovation Hub' at INFOCOM, Kolkata, and 'TECHTOP', Trivandrum, since 2007.

- Institution Monitorship of CAPART, Govt. of India.
- A built-up area of about 12 lakh sq.ft including two campus hostels accommodating 2000 students
- 500-metre skywalk connecting the College with the hostels.

Other Features

- Fully WiFi campus – 50 Mbps.
- Consistent academic track record with university ranks.
- Excellent placements.
- High-profile experienced and dedicated Faculty.
- State-of-the-art computer network of 1000 machines spread across the campus.
- Regular classes in Communicative English in four semesters with 67- console LanguageLab.
- Exclusive aptitude training and personality development programmes.
- 45 Technical and General Clubs, and two NSS units.
- Physical Education Dept. with multi-gym & recreational facilities for gents and ladies.
- ITES, streamlining all computing, communication and networking activities.
- Two full-time professional counsellors, besides faculty mentors for every 20 students.
- Five-day orientation course for fresher's.
- Amal Jyothi Driving Academy to impart driving skills
- Power plant of 620 KVA
- Food Court and Guest House of international standards
- Intensive GATE coaching by in-house trainers, and coaching for CAT/MAT and Bank Tests by a reputed professional agency
- MoU for collaborative programmes signed with the University of Ontario Institute of Technology(UOIT), Canada; Deakin University, Australia; Dr. MGR University, Chennai; and SRM University, Chennai (in process)
- Membership in professional bodies like IEEE, ISTE, ISBA, CSI, ECS, IIPPE, and IEI (ME Division)
- Fee collection: Fed E-pay system through 1000 branches of the Federal Bank spread across India.

b) Course Offered and Intake

The College was started in 2001 with four B.Tech program having 45 seats each. As on date, 8 B.Tech programs, five M.Tech programs and an MCA are run by the College. Under the UG program, CE, ECE, CSE and ME have two batches each.

Courses offered & Annual intake

Courses	2001	2002,03	2004,05	2006-08	2009	2010	2011	2012	2013
ECE	45	60	90	120	120	120	120	120	120
CSE	45	60	60	60	90	90	90	90	120
EEE	45	60	60	60	60	60	60	60	60
IT	45	60	60	60	60	60	60	60	60
ME	----	----	60	60	90	90	120	120	120
CE	---	---	---	60	60	90	90	120	120
AUE					60	60	60	60	60
MT								60	60
CH									60
M.Tech- MD					18	18	18	18	18
M.Tech- PEPS					18	18	18	18	18
M.Tech- Com. E					18	18	18	24	24
M.Tech- CSE							18	18	24
M.Tech- SE &CM							---	24	24
M.Tech- ES									24
MCA					60	60	60	60	60
Total	180	240	330	420	654	684	732	852	972

Growth of Total Students (UG & PG)

Total student on the campus is 2833 with the annual intake of 780 in UG and 192 in PG. With this rate of annual intake, the total students in the campus will grow to 3500 + including admission under tuition fee waiver scheme by the year 2015. If is being proposed to add more courses or increase the intake of some of the courses in 2014. If it is materialized the total students on the campus would grow to approximately 4000 by 2016.

c) Human Resources

Human Resources, especially the faculty, are appointed purely on merit basis through advertisements in newspapers and based on performance in the personal interview. Split up of total staff members is given as under.

S#	Type	Number
1	Faculty	216
2	Lab staff	69
3	Library staff	7
4	Administrative staff	24
	Total	316

In addition to the above, 10 security staff, 16 housekeeping staff, 5 gardeners and 35 Kitchen & Canteen staff are also employed. All construction works are outsourced to competent contractors, which is supervised by the staff employed by the College.

The student -teacher ratio for the faculty available on the campus (216) to the sanctioned intake (3054) is working out to be 14.13:1 which is very positive compared to the AICTE norms of 15:1

d) Infrastructural Facilities

Amal Jyothi stands first among its peers for its infrastructural facilities. Total built up-area as on date is approx. 12 lakh sq ft; major building are listed

Resource Block	-	10,060 sq.mt
Knowledge Centre	-	4,969 sq.mt
Central Complex	-	9,702 sq.mt
Divisional Block A	-	4,222 sq.mt
Divisional Block B	-	3,085 sq.mt
Lab & Workshop Block	-	4,480 sq.mt
Automobile Block	-	10,759 sq.mt
PG Block A	-	14,017 sq. mt
Cafeteria & Guest House	-	6,475 sq. mt
Hostels for boys & girls	-	19527 + 18559 sq.mt
Laundry	-	600 sq.mt
Kitchen Block	-	2081 sq.mt

Total built-up area is 108536 sq. mt

Library

The Central Library is located in the Knowledge Centre of the College and is spread over three floors in 30000 sq ft area. It has a separate reference section ,reading room, periodical section, stack area and PG library. There is an information desk (Counter) on the ground floor.

The Central Library has a rich collection of the latest material, like books (appr 32000

volumes), print (160) and online journals, standards, seminars, conference proceedings and CD-ROMs. It has a special collection of rare books of engineering and basic sciences .The Central Library is complemented with different dept libraries which contain the core collection required by the concerned department.

NPTEL VIDEO COURSES

Details of the NPTEL video lecturers purchased and made available to the students and staff are listed below.

Sl.#	Courses	No. of Video lectures
1	BIOTECHNOLOGY	28
2	CIVILENGINEERING	609
3	COMPUTER SCIENCE AND ENGINEERING	594
4	CORE SCIENCE AND MANAGEMENT	254
5	ELECTRICAL ENGINEERING	759
6	ELECTRONICS AND COMMUNICATION ENGINEERING (Part I&II)	698
7	MECHANICAL ENGINEERING	544

CD-ROMs available: *No of CDs =1851, No of titles = 951*

Laboratories and Workshops

Laboratories and workshops play a prominent role in moulding the budding engineers. Hence due importance is given in setting up these facilities as per the syllabic requirements. Best quality equipment, instruments and test beds are arranged in all the UG and PG labs.

Basic workshops are set up under three departments, CE, EEE & ME, for practice of first year students. They are Plumbing, Masonry and Surveying under CE, wiring practice under EEE and Smithy, Fitting, Carpentry and Foundry under ME departments.

Facilities for Co-curricular and extracurricular activities

General and Technical clubs, I2U project competitions with funding support from the

College, active entrepreneurship development cell and IPR cell promote research, innovation, development of projects and patenting.

Once the college attains autonomy, the students can be provided better facilities so that they can have greater participation in co-curricular and extracurricular activities such as cultural and literary activities, sports and games etc. It will enhance the constructive activities on the campus. The existing facilities in Amal Jyothi include 2 auditoriums, an open air theatre, mini

stadium with athletics' track, cricket field, football, volley ball and basket ball courts. Facilities for indoor games like table tennis, ball badminton are also provided. A full fledged stadium is planned in the near future. An indoor stadium and a swimming pool are also needed.

Guest House

26 well-furnished suites are arranged in two floors of the Guest House. Visiting Professors, dignitaries and guests can comfortably stay on the campus itself without resorting to hotels at Kanjirappally or Kottayam. The Guest House was inaugurated in 2012.

A 16 seated conference hall is also set up in the Guest House, which will cater to the meeting requirements of smaller groups.



Skywalk to Ladies Hostel

A 500 m long skywalk is constructed to connect the Ladies Hostel to the College. The College and the hostels are constructed on adjacent hillocks. This was posing troubles for the hostellers to commute especially during lunch break. This bridge also facilitates students as a safe corridor when they go back from the Library in the late evening.



Reprographic Centre

The Reprographic Centre attached to the Central Library provides all kinds of photocopying, printing, binding, scanning facilitates at moderate rates. The Centre is working from 8 am to 6 pm on working days. Three heavy duty copiers and 3 staff members cater to the work load.

Central Kitchen

A most modern central kitchen and baking unit are installed as part of the hostel complex. This facility can cater to the food requirements of both hostels, and the college cafeteria. It is equipped with latest kitchen equipment, deep freezers, steam system etc. The total cost of the equipment alone is about Rs. 1.50 crore as on date.



Cafeteria

It is located on the ground floor of the three-storeyed foodcourt-cum-Guest house block. The main dining hall can accommodate 500 students and 72 staff in the staff dining hall. The air- conditioned VIP dining hall can accommodate 18 guests. The Cafeteria is open between 7 am and 7 pm on working days. It is managed by the Cafeteria Manager and 18 staff for cooking, serving and cleaning.

Central Computing Facility

The Central Computing Facility, established on the third floor of the Knowledge Center, houses 4 labs and one seminar hall. The Central Computing Facility offers computing facility for the students in addition to the computer labs associated with core departments. Internet connectivity @ 40 mbps is provided through dedicated OFC cable from Reliance and @ 10mbps from BSNL. WiFi facility also is provided in the campus including hostels.

Lab 1: Internet Lab

67 computers with Core 2 Duo processor, 2 GB RAM, 320 GB Hard Disk, Asus P5KPL AM /PS motherboard, Logitech MM keyboard with optical mouse and 18.5" Samsung LCD

monitor

Software: Microsoft Windows 7 professional, Microsoft Office, Kaspersky Antivirus

Lab 2: Language Lab

68 computers with core i3 processor, 2 GB RAM, 320 GB Hard Disk, Intel DH 55 TC original motherboard , Logitech MM keyboard with optical mouse and 18.5" Samsung LCD monitor & Head phone with mic.

2 computers with Intel Core i5 processor with 4 GB RAM ,500 GB hard Disk, Intel DH 55TC original mother board, Head phone with mice,20" Samsung LCS monitor Logitech MM key board with optical mouse , Windows 8 server operating systems.

Software : Microsoft Licensed Windows 7 professional ,Microsoft Office, Kaspersky Antivirus, Oral Language Lab software and e-café

Lab 3: CAD Lab

46 Computers with core 2 Duo processor, 4 GB RAM, 320 GB Hard Disk,1 GB Graphics

Card,Asus P5KPL AM / PS motherboard, Logitech MM keyboard with optical mouse and 18.5" Samsung LCD monitor.

Software: Microsoft Windows 7 professional ,Microsoft Office, Kaspersky Antivirus, AutoCAD, Primavera,STAD.

Lab 4: Software Development Lab

9 Computers with core 2 Duo processor, 2 GB RAM, 320 GB Hard Disk,Asus P5KPL AM / PS motherboard, Logitech MM key board with optical Mouse and 18.5" Samsung LCD monitor

Software: Microsoft Windows 7 professional, Microsoft Office, Kaspersky Antivirus, SQL Server, Windows 8 Server and various other software developing tools.



e. Location

The College is situated at Koovappally near Kanjirapally alongside the Kottayam- Erumeli-Sabarimala State highway.

The Campus sprawling over 55 acres of scenic landscape at the foothills of the 25

Western

Ghats, has been laid out to create a unique learning environment.

1. Performance in university examinations and other academic activities

University Rank Holders (UG)

2005-06: First Rank – Justin Kurian, EEE

2006-07: Third Rank – Arun Reji Varghese, IT

2010-11: Third Rank – Jilt ebastian, ECE

Third Rank – Afsal A Kareem, ME

2011-12: Third Rank – Richu Geevarghese Samuel, ME

University Rank Holders (PG)

2010-11:

First Rank – Darsana P - Comm. Engg.

First Rank – Sreeja C - Power Electronics & Power Systems

Second Rank – Sini Xavier - Power Electronics & Power

Systems Second Rank – Aneesh Francis – Comm. Engg

Third Rank – Akas G Kamal – Comm. Engg

Third Rank – Aswathy B. Raj - Power Electronics & Power Systems

2011-12:

Second Rank – Mittu Raju- Comm. Engg

First Rank – Anju G Pillai - Power Electronics & Power Systems

Second Rank – Anu George - Power Electronics & Power Systems

Third Rank – VS Sruthi - Power Electronics & Power Systems

Thrid Rank – Nisthul G – Machine Design

2. Faculty with Ph.D. and Research Experience

a) Fr. Dr. Jose Kannampuzha, M.Tech, Ph.D.

b) Dr. James Jacob, M.Tech, Ph.D.

c) Dr. Mini Mathew, M.Tech, Ph.D.

d) Dr. Biju John, M.Sc (IT), Ph.D.

e) Dr. K. Karunakaran Nair, M.Sc, Ph.D.

f) Dr. Jippu Jacob, M.Tech, Ph.D.

g) Dr. K.G. Samuel, M.Tech, Ph.D.

h) Dr. Soney C. George, M.Sc, Ph.D. PDF – with ongoing research projects

i) Dr. Lisa Mathew, M.Sc, M.Phil, Ph.D.

j) Dr. Abin Manoj, M.Sc, Ph.D.

k) Dr. V.J.Sebastian, M.A., Ph.D.

3. Mode of Selection of Students & Faculty

- i) Students are selected in 3 categories, viz Govt. Merit (50), Management Merit (35) and NRI quota (15%).

Govt. quota seats are filled by the government as per the rank list published by the Controller of Entrance Exam, Govt. of Kerala, based on marks scored in the qualifying exam and the common entrance test conducted by the CEE.

Management quota seats are filled by the Management purely on merit basis as per the rank list prepared based on marks scored in the qualifying exam and the common entrance test apportioned in the ratio 50:50

NRI seats are filled by the Management from the eligible applicants as per AICTE norms on first-come-first-served basis. They need not qualify the common entrance test conducted by the CEE, Kerala.

- ii) Faculty members are appointed purely on merit basis. Vacancies are advertised in prominent newspapers and applicants are shortlisted based on qualifications and specializations. They are called for personal interview and demonstration class at the campus by an interview board. A selection list is prepared and candidates are given appointment as per vacancies reported by the departments.

4. Physical Facilities, i.e Library, Accommodation and Requirement

Following are the infrastructural facilities in the College.

- a) Resource Block: - 2 basement floors + 3 upper floors, accommodating offices of the Manager, the Principal, Deans, Administration Office, faculty rooms of the depts of Basic Sciences and Humanities, 19 lecture halls, Exam Cell, college store, Auditorium etc. Total built-up area - 10,060 sq.mt



- b) Knowledge Centre:- 1 basement + 5 upper floors - accommodates the Central Library, Central Computing Facility, Auditorium, Health Club etc. - Total built up area - 4,969 sq.mt



- c) Central Complex:- 2 basement floors + 4 upper floors – faculty rooms of Civil and Mechanical Engg. departments, Labs of Civil & Mechanical engg. 21 lecture halls, Placement Cell, Conference Hall etc – Total built-up area – 9,702 sq.mt



- d) Divisional block A:- 1 basement floor + 3 upper floors – Biotechnology lab, labs of CE, faculty rooms and labs of IT and CSE depts etc. Total area – 4,222 sq.mt
- e) Divisional Block B:- 3 floors – Faculty rooms and labs of ECE and EEE depts. – Total area – 3,085 sq.mt
- f) Lab & Workshop Blocks:- Single floor type – heavy machinery labs of CE, EEE & ME, basic workshops of CE & ME – Total area – 4480 sq.mt
- g) Cafeteria & Guest House Block – 1 basement + 3 upper floors – Cafeteria for staff and students, Guest House etc – Total area – 6475 sq.mt



- h) Hostel Complex – Maximum 6 floors accommodating 2000 students and about 100 staff, Central Kitchen, recreation grounds etc – Total area – 19527 + 18559 sq.mt



- i) Divisional Block C - 6 floors - Workshop and labs of AU & Metallurgy, faculty rooms for AU, MT and CHE, lecture halls etc - Total area- 10,759 sq.mt



- j) PG Block (Under Construction) 2 basement + 8 upper floors - Administrative offices, conference halls, PG labs and classrooms of CE, ECE, EEE, CSE, ME, MCA, seminar halls, faculty rooms etc - Total area - 14017 sq. mt



- k) Sports complex - Mini stadium with athletics' track, cricket field, football, volley ball and basket ball courts.
- l) Waste Water Treatment Plant - 145 sq.mt
- m) Laundry - Area - 558 sq.mt
- n) Water supply system - Ponds, Pumps, piping system, O/H tanks etc o) Fire fighting system
- p) Diesel generator for power back-up - 3 Nos of capacity 85 KVA, 162 KVA & 300 KVA
- q) Campus roads
- r) Vehicles -buses, cars, vans etc
- s) Garden & Landscapes
- t) 500 mt Skywalk from the College to the Ladies Hostel.
- u) Staff/ Faculty Quarters, Stadium - planned in the next phase.

5. Institutional Management

The Principal is the Chief Academic Officer of the College. He is assisted by three Deans. Manager is the Chief Administrative Officer for finance and resources planning. The Governing Body is the supreme policy deciding body of the College.

The Academic Council of the college which meets every Wednesday afternoon discusses in detail all matters related to curriculum, discipline, exams, continuous evaluation, rules & regulations, appointments etc.

6. Financial Resources the Management can provide for the development of the institution.

The Catholic Diocese of Kanjirapally which came into existence in 1977, has more than 2,25,600 members belonging to 37,600 Catholic families spread across the civil districts of Kottayam, Pathanamthitta and Idukki in the State of Kerala.

The Catholic Diocese of Kanjirapally manages several top-rated educational and social service institutions. Helmed by the visionary and vibrant Bishop Mar Mathew Arackal, the Diocese has a glorious record of accomplishments across a broad range of educational and social service activities such as:

- a) Two Government aided Arts and Science Colleges – Marian College, Kuttikkanam and St. Dominic’s College, Parathode, Kanjirapally.
- b) 7 Paramedical institutions including 4 Nursing Colleges, 2 Medical Laboratory Technology Institutes and One Ayurveda Institute.
- c) 7 Institutes offering higher education – Santhome Civil Services Institute, Santhome Institute of Professional Studies, JPM College of Arts and Science, JPM College of Teacher Education, JPM College of Management and Technology and St Mary’s College for Women, Kanjirapally.
- d) 137 Schools including 16 Higher Secondary Schools, 36 High Schools, 26 Upper Primary Schools, 54 Lower Primary Schools, and 5 Special Schools; with a total student population of over 46750.
- e) 11 Hospitals including 3 major hospitals and 7 dispensaries which include Mary Queen’s Hospital, Palampra, High Range Hospital, Parathode, Kadampuzha Hospital Kanjirappally, Rani Hospital Kanjirappally, Mary Matha Hospital, Kanjirappally, etc
- f) NGOs like Malanadu Development Society (MDS), Peermade Development Society (PDS), Vikas Yojana Social Service Society (VYSSS), Voluntary Organisation for Social Action and Rural Development (VOSARD) etc.

7. Responsiveness of the Administration

- a) The Manager, Principal and Deans are accessible to the staff and students mostly directly during working hours and through telephone after office hours.
- b) The Students Council is the representative body of the students
- c) Staff Secretary is a member of the Academic Council of the College.
- d) A Suggestions Box is kept in front of the office of the Principal

- e) Staff members can put up their requests / grievances through proper channel to the Manager for which they will receive time bound replies
- f) Every 20 students are taken care of by a faculty mentor. Students can approach the faculty mentor / class teacher / HOD for the redressal of their grievances

8. Extent of freedom enjoyed by the staff for advanced scholarships, research and experimentation and involvement in educational innovation and reforms

Amal Jyothi College of Engg. is committed to give maximum academic freedom and flexibility to the teachers and students of the College. They are motivated to undertake major and minor research projects, consultancy works etc individually and collectively for government, autonomous bodies and private agencies.

Externally and internally funded faculty development programs, STTPs, Seminars, Workshops etc are arranged on the campus to update the faculty with the latest developments.

Also every faculty member is encouraged to attend STTPs, FDPs and undergo workshops and trainings in other institutions.

Management of the College

Amal Jyothi College of Engineering, Kanjirappally, Kottayam Dt, Kerala, is established and managed by the Diocesan Educational Trust under the Catholic Diocese of Kanjirappally under the dynamic and foresighted leadership of bishop Mar Mathew Arackal as per the existing laws of the State of Kerala, and as per the norms of Mahatma Gandhi University, Kottayam and the All India Council for Technical Education, New Delhi. It is steered by a governing body of 24 members.

- **Academic Council: Structure & Functions**

Academic Council consists of Principal, Deans, Heads of Departments, PG Coordinator, and Faculty-in-charge of first year classes. Manager of the College and hostel wardens are occasionally invited to the council which meets on all the Wednesday (AN)

- **Boards of Studies: Structure & Functions**

Will be constituted later as per AICTE/Govt. guidelines prescribed for Autonomous Colleges

- **Other Committees**

Will be constituted latest as per AICTE/Govt. guidelines prescribed for Autonomous Colleges

- **Eligibility for Admission**

Admission to various courses of the College is based on the eligibility criteria prescribed for each course of study prescribed by the State, University and the AICTE for autonomous colleges. All seats will be filled purely on merit basis on the basis of the criteria decided by the government.

- **Curricular Programme**

The curriculum, evaluation and grading systems approved by the mahatma Gandhi University, Kottayam is adopted and is comparable to that followed by prominent institutions.

Besides the regular curriculum, the institution is offering many add-on courses like AutoCad, CNC training, CATIA, STAAD, LabView etc. for all classes with a view to developing various skills and values.

- **Student Feedback**

Student feedback on the overall performance of their teachers is taken once in a semester. Students are directed to the Computer Lab and using the software specially designed for this, they assess the teachers on the basis of questions given to them. Their opinions will be consolidated later and the feedback of each teacher is given to the Principal. He will analyse the feedback, call each teacher personally and will give them the feedback sheet based on the students' feedback. This will be followed by giving them suggestions in areas for improvement.

- **Internal Assessment:**

The faculty will conduct regular and periodic internal evaluation and assessment for every subject based on three parameters- attendance, assessments, module tests (out of 50 marks). Class average will be maintained at 40 marks.

- **External Assessment:**

The evaluation and grading will be undertaken through a semester end examination of 3 hrs for 100 marks for both theory and practical subjects.

Total marks scored out of 150 by a student in internal assessment (50) and semester end examination (100) will be graded as per standard procedures.

The grade awarded to a student shall be according to the cumulated weighted grade point average (CWGPA) scored.

Financial Implications:

The proposed expenditure and revenue for the College would be as follows:-

- a) **Capital expenditure** - Development & construction, equipment, vehicles, power, Transportation, Furniture etc.
- b) **Operation Expenditure** - Salaries and wages, Supplies & Materials, Utilities, marketing, repairs & maintainers
- c) **Revenues** - Registration & Tuition fees, extra-curricular activity fees, hostel fees
- d) **Ancillary Revenues** - Research, Projects, Conference, Seminars, Training, Consultancy fees, Store and supplies, Cafeteria etc.
- e) **Funding** - Management support, Financial institutions, Domestic resources, Sponsorships, endowments etc.

Course Contents

- B.Tech - Course duration is 4 yrs consisting of 8 semesters, out of which first two semesters are combined and common for all branches. Students undergo class room learning and lab practical in all the semesters. In the first year they study 9 subjects and undergo training in 3 workshops. Thereafter, they generally study 6 theory subjects including electives and 2 practical till 7th semester. In the final year of the course, they have to present a seminar and work on a project under faculty guidance. As additional requirements, each student shall undergo industrial training, study tour and community service.
- M.Tech - Course duration is 2 yrs consisting of 4 semesters. In the first 2 semesters, they shall study 6 theory subjects and 1 lab and 1 seminar. In semester 3, they shall study 3 subjects including electives and undergo industrial training. Final semester is dedicated for the project and thesis work.
- MCA - Course duration is 3 yrs consisting of 6 semesters. In the first 4 semesters, they shall study 5 theory subjects each including electives in the 4th semester along with 2 labs. In semester 5, they shall study 5 subjects including one elective. They shall also present a seminar and start working on their project. Final semester is dedicated for the project and viva-voce.

Signature of Principal