

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	SYED AMMAL ENGINEERING COLLEGE
Address	Dr.E.M. ABDULLAH CAMPUS, Syed Ammal Engineering College, Achunthanvayal post
City	Ramanathapuram
State	Tamil Nadu
Pin	623502
Website	syedengg.ac.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	M. Periyasamy	7868-821984	9842529558	9487-304000	nba@syedengg.ac.in
IQAC / CIQA coordinator	B.jayalakshmi	9940-790400	8903529252	8248-321934	shcoordinator@syedengg.ac.in

Status of the Institution	
Institution Status	Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	Yes Minority Certificate upto 2021-2022.pdf
If Yes, Specify minority status	
Religious	Muslim
Linguistic	NA
Any Other	NA

Establishment Details				
Date of establishment of the college	17-06-1998			
University to which the college is affiliated/ or which governs the college (if it is a constituent college)				
State	University name	Document		
Tamil Nadu	Anna University	View Document		
Details of UGC recognition				
Under Section	Date	View Document		
2f of UGC				
12B of UGC				
Details of recognition/approval by stationary/regulatory bodies like AICTE, NCTE, MCI, DCI, PCI, RCI etc (other than UGC)				
Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day, Month and year (dd-mm-yyyy)	Validity in months	Remarks
AICTE	View Document	29-04-2021	12	NA

Details of autonomy	
Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	No

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Dr.E.M. ABDULLAH CAMPUS, Syed Ammal Engineering College, Achunthanvayal post	Rural	25.21	102041

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BE,Electrical And Electronics Engineering	48	HSC	English	60	54
UG	BE,Electronics And Communication Engineering	48	HSC	English	60	53
UG	BE,Computer Science And Engineering	48	HSC	English	60	59
UG	BE,Mechanical Engineering	48	HSC	English	60	55
UG	BE,Civil Engineering	48	HSC	English	60	7

PG	ME,Electrical And Electronics Engineering	24	BE	English	18	1
PG	ME,Electronics And Communication Engineering	24	BE	English	18	3
PG	ME,Computer Science And Engineering	24	BE	English	18	1
PG	ME,Mechanical Engineering	24	BE	English	9	2
PG	MBA,Master Of Business Administration	24	BA BBA BCOM BE	English	60	19
Doctoral (Ph.D)	PhD or DPhil,Electrical And Electronics Engineering	36	ME	English	1	1
Doctoral (Ph.D)	PhD or DPhil,Electronics And Communication Engineering	36	ME	English	3	3
Doctoral (Ph.D)	PhD or DPhil,Computer Science And Engineering	36	ME	English	1	1

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	12				19				73			
Recruited	10	2	0	12	10	9	0	19	37	36	0	73
Yet to Recruit	0				0				0			

Non-Teaching Staff						
	Male		Female		Others	Total
Sanctioned by the UGC /University State Government						0
Recruited	0		0		0	0
Yet to Recruit						0
Sanctioned by the Management/Society or Other Authorized Bodies						45
Recruited	39		6		0	45
Yet to Recruit						0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				29
Recruited	23	6	0	29
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD	0	0	0	0	0	0	0	0	0	0
Ph.D.	10	2	0	8	4	0	0	0	0	24
M.Phil.	0	0	0	0	0	0	2	10	0	12
PG	0	0	0	5	2	0	35	26	0	68

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	1	0	0	1
PG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties					
Number of Visiting/Guest Faculty engaged with the college?	Male		Female		Total
	1		0		1

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	60	91	0	0	151
	Female	77	0	0	0	77
	Others	0	0	0	0	0
PG	Male	4	0	0	0	4
	Female	22	0	0	0	22
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	3	0	0	0	3
	Female	1	0	0	0	1
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	16	29	22	19
	Female	3	20	15	27
	Others	0	0	0	0
ST	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
OBC	Male	76	119	150	180
	Female	50	54	84	89
	Others	0	0	0	0
General	Male	0	1	2	1
	Female	0	0	1	1
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		145	223	274	317

Institutional preparedness for NEP

<p>1. Multidisciplinary/interdisciplinary:</p>	<p>Science, Technology, Engineering and Mathematics (STEM) education is now being made as a part of the curriculum framed by Anna University in which we are an affiliated college. It demands about providing the training to students to promote multidisciplinary projects and encourage product design in multidisciplinary environments through its final year projects and mini projects for various UG programmes. The curriculum and syllabus framed by the university has taken care of STEM education covering the subjects belonging to various categories like basic sciences, Engineering sciences, Professional core courses, Professional elective courses, Open elective courses, Employability</p>
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	<p>enhance courses etc.,. Apart from the curriculum, various clubs present in the institution provides an opportunity in promoting multidisciplinary activities for students and faculty members through various events conducted under their banners. The patents filed and research publications by students and faculties keeps an eye over the society's most pressing issues like global warming and their articles gives solutions through technological improvements done in renewable energy based concepts in reputed journal.</p>
<p>2. Academic bank of credits (ABC):</p>	<p>The Institute follows the curriculum prescribed by the Anna University. The curriculum is well translated to the students after through preparation as well as critical thought by the teachers concerned. Choice Based Credit System introduced in 5 UG programs and 5 PG programs from the academic year 2017-18 in regulation 2017. According to clause 4.92 the student needs to obtain certification or credit to become eligible for writing the End Semester Examination to be conducted by Anna University. In case of credits earned through online mode from a University approved by appropriate authorities of Anna University, the credits may be transferred after due approval procedures from the Departmental Consultative Committee and Centre for Academic Courses, Anna University. Also a student has his credits scored in the previous institution and could continue his course in other institution transferred through proper procedure satisfying the rules and regulations of the university.</p>
<p>3. Skill development:</p>	<p>The institution encourages the faculty to keep themselves update their knowledge by offering refresher courses, faculty development programmes and workshops. In addition, the institution has provided 50 value added courses and 33 certificate courses to students for developing skills to bridge the gaps in the syllabus. About 70% of students participated in certificate and add-on courses. They are also trained in the following areas as per their interest for the betterment of placements, competitive examinations and higher studies. • Communication skills in English • Basic computer programming • Aptitude skills • Leadership exposure and Professional Skill Development • Software oriented skills • Coaching for GATE examination and Higher studies • Department oriented skill developments for</p>

	<p>placements • Club activities Apart from the soft skill development for student our institute also cares about building ethical values to the students through moral classes discussing the human values like truth (sathya), righteous conduct (dharma) etc., which is specified in the Timetable followed.</p>
<p>4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):</p>	<p>We in our institution teach students in their native language in conjunction with a second language utilizing differing levels of the native and second language depending on the requirements specified in lesson plans and teaching models. Teachers instruct students in a second language but are able to understand students when they ask questions in their native languages. However, teachers respond to questions in the language that could be understood by the for understanding the technical concept and characters.</p>
<p>5. Focus on Outcome based education (OBE):</p>	<p>The institute has good experience about Outcome based education (OBE) as few programmes have applied and attained NBA. OBE is practiced in the institutional system. The major decisions/ improvements are done based on the feedback received from the students. OBE is implemented in all programmes. The information on POs, PEOs and COs are communicated to the stakeholders. Student attainment of learning outcomes is measured by checking the level of CO and PO attainments for all the courses.</p>
<p>6. Distance education/online education:</p>	<p>In regulation 2017 of Anna University clause 4.8 defines Online Courses. In clause 4.8.1, Students may be permitted to credit only one online course of 3 credits with the approval of Head of the Institution and Centre for Academic Courses. In clause 4.8.2, Students may be permitted to credit one online course (which is provided with certificate) subject to a maximum of three credits. The approved list of online courses will be provided by the Centre for Academic courses from time to time. The student needs to obtain certification or credit to become eligible for writing the End Semester Examination to be conducted by Controller of Examinations, Anna University. The details regarding online courses taken up by students should be sent to the Controller of Examinations, Anna University and Centre for Academic Courses one month before the commencement of End Semester Examination. Also</p>

our college enormously supports our faculty members and motivates them abundantly to perform well in all academic endeavors. Our college management provides many benefits to both teaching and non-teaching staff members magnanimously. Faculty Members are eligible for the following incentives and rewards, based on their performance, contribution and years of service at the Institution. 1. For getting pass mark in NPTEL courses, they will be rewarded Rs. 1000 as cash award. 2. For getting silver medal in NPTEL courses, they will be rewarded Rs. 2000 as cash award. 3. For getting gold medal in NPTEL courses, they will be rewarded Rs. 3000 as cash award.

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