ADHI COLLEGE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC CALENDAR
2017 - 2018

ABOUT THE COLLEGE

The Adhi College of Engineering and Technology is one of the impressive campuses, located in an industrial sectors surrounding at Oragadam. The institute offers five undergraduate, 2 postgraduate programmes in Engineering studies. All the departments of Engineering are recognized by Anna University, Chennai to offer U.G & P.G Programmes. The institution is an ISO 9001:2000 certified for its quality enrichment of the education.

Main Block

ABOUT THE DEPARTMENT

The Department of Electronics and Communication Engineering was started in the year 2008. It offers a UG programme, B.E.in Electronics and Communication Engineering and PG programmes, M.E. in Communication Systems. Both the programme is recognized by Anna University, Chennai. The department has a team of committed faculty members who are well qualified and are backed by rich teaching and research experience.

Aryabhatta Block

Vision

"To excel in technical education and research in the area of Electronics and Communication Engineering and to produce skilled, trained and competent individuals to meet the present day challenges of the society".

Mission

M1: To impart high quality education to enable the students to face the Challenges in the field of Electronics and Communication Engineering.

M2: To provide facilities, infrastructure and good environment to develop the spirit of innovation, creativity and research among the students and faculties.

M3: To inculcate ethical, moral values and lifelong learning skills in the Students to meet the social needs.

LIST OF RANK HOLDERS

S.No	Register Number	Name of the Students	CGPA	Batch
1	410114106039	S.SOWMIYA	8.36	2014 - 2018
2	410114106026	K.RAMYA	8.23	2014 - 2018
3	410114106012	N.JAYASRI	8.09	2014 - 2018
4	410115106012	S.JEEVITHA	8.83	2015 - 2019
5	410115106038	R.SANGEETHA	8.78	2015 - 2019
6	410115106035	K.RAMYA	8.70	2015 - 2019
7	410116106031	R.MADHUBALA	8.88	2016 – 2020
8	410116106028	B.KARTHIGA	8.77	2016 – 2020
9	410116106058	K.SIVASAKTHI	8.73	2016 - 2020

PROGRAM OUTCOMES

EngineeringGraduateswillbeableto:

PO1: Engineering Knowledge

Apply the knowledge of mathematics, science, and Engineering fundamentals, and an Engineering specialization to the solution of complex engineering problems.

PO2: Problem Analysis

Identify formulate and analyze complex problems in real world using principles of science and Engineering.

PO3: Design and development of solutions

Design solutions for complex engineering problems and design system components or Processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal and environmental considerations.

PO4: Investigation Complex Problems

Conduct experiments, analyze and interpret experimental results and synthesize information to provide valid conclusion.

PO5: Modern Tool Usage

Apply technical skills and modern engineering tools and necessity of end user

PO6: The Engineer and Society

Develop and model complex electronic hardware and software systems for human needs.

PO7: Environment and sustainability

Comprehend the impact of engineering solution in a global, economic environmental and societal context.

PO8: Ethics

Apply professional and ethical principles and function with Responsibility.

PO9: Individual and Team Work

Function as an individual and as a member or leader in Multidisciplinary teams

PO10: Communication

Communication facts successfully with people in engineering domain and effectively design and prepare documents and reports.

PO11: Life Long Learning

Acquire knowledge of contemporary issues and recognizes the need for life-long learning.

PO12: Project Management and Finance

Apply knowledge of engineering and management principles in multidisciplinary environment and projects.

Program Specific Outcomes (PSOs):

PSO1: An ability to understand the concepts of basic Electronics & Communication Engineering and to apply them to various areas like Signal processing, VLSI, Embedded systems, Communication Systems, Digital & Analog Devices, etc

PSO2: An ability to solve complex Electronics and Communication Engineering problems, using latest hardware and software tools, along with analytical skills to arrive cost effective and appropriate Solutions.

PSO3: Wisdom of social and environmental awareness along with ethical Responsibility to have a successful career and to sustain passion and Zeal for real-world applications using optimal resources as an Entrepreneur.

RULES, REGULATIONS AND PRACTICES

RULES (GENERAL)

- ✓ Cameras, cell-Phones and ipod are not allowed in the college premises. Failure to adhere to this instruction will lead to severe disciplinary action.
- ✓ "Wear Identity Card with college rope" (easily noticeable) whenever in the College campus and also while traveling in the College bus. Not wearing the Identity card is an act of indiscipline and is punishable.
- ✓ Students should be punctual in coming to the college. Prior information must be given to class coordinator for leave.
- ✓ Celebrations (Birthdays, Valentine's Day, Holi etc.,) are strictly prohibited inside classrooms / canteens / college buses / campus.
- ✓ Inform Loss / theft of ID cards / library cards and change of address or contact telephone numbers to HOD / college Office without delay. Institution is not responsible for loss of personal items.
- ✓ While riding two wheelers triples is banned. During college hours, going out of the campus is permitted only with exit passes. If found, fine will be imposed on the spot.
- ✓ Record complaints about housekeeping / repairs in a separate register kept with HOD / Department.
- ✓ Obtain prior permission from Lab- in-Charge for doing experiments/ project work beyond the normal Lab-hours.

Adopt proper dress code in the Campus:

For Boys - Permitted : Trousers and tucked-in Shirts with collar, Shoes.

Not permitted : T-Shirts and Jeans / Chappals

For Girls - Permitted : Salwar Kameez or Churidars with

Not Permitted : Half sarees, skirts, jeans, frocks, sleeveless tops or short churidars or any other indecent tight fitting dresses.

- No loose garments are permitted in the workshops / laboratories as a measure of safety precaution.

- Students must wear leather shoes securely strapped to heel and overcoat while in workshop/Labs.

REGULATIONS

- ✓ Students should not resort to any form of strike and/or such undesirable activities. These are punishable and severe disciplinary actions (including expulsion) will be taken against the guilty.
- ✓ There is a grievance redressal mechanism and issues are to be sorted out then and there through the HOD.
- ✓ Students are to abide by Attendance and Leave rules.
- ✓ Ragging is punishable as per under Section 23 read with Section 10 (b), (g), (p) and (q) of AICTE Act, 1987 & Extract of Tamilnadu Government Gazette-Extra Ordinary Notification dt. 29.01.97 (Bill No. 8 of 1997 Tamilnadu Prohibition of Ragging Act):
- ✓ Leave without prior permission on the first day of reopening and Internal Assessment Exanimations are fined.
- ✓ Annual Tuition fees are to be paid before the commencement of the odd semester. A grace period of 5 days will be given to students as a matter of exception. Any delay beyond this 5 day period will debar the student from continuing the course / attending the class / labs.
- ✓ Those who travel by college bus should abide by Rules and Regulations of transportt department. Bus routes are given for the convenience of the students
- ✓ Smoking or Consumption of alcohol inside or outside the campus is strictly prohibited.

PRACTICES

Students are to acquire and develop:

- ✓ Healthy practices, pleasant and normal behavior, discipline and dignity.
- ✓ Manners to greet colleagues, faculty and elders, while moving in the campus.
- ✓ Ability/skill to indulge in activities that will build the image and prestige of the institution.
- ✓ Ideas Bank: A suggestion box is maintained in every building. Students and staff are to effectively participate for the development of the college.

Attendance and Leave (Guidelines):

- ✓ It is compulsory that all students and staff are positively present on the re-opening day
- ✓ Be punctual and regular for lecture classes/ labs/ workshops/ seminars and submit assignments / records / homework in time
- ✓ Aim at 100% attendance and also ensure punctuality/ regularity. Students are recognized for achieving this target. In addition, there is a group incentive for the entire class for realizing excellence in attendance.
- ✓ If a student is absent for even one period it will be treated as absent for the complete session (Forenoon or Afternoon during that day).
- ✓ It is compulsory to appear for all Tests and Model Examinations.
- ✓ General Attendance rules are given below for compliance. Daily, weekly and monthly attendance is closely and personally monitored by the HOD (includes Punctuality / and Regularity).
- ✓ Efforts must be made to realize 100% Attendance every month; once the level reaches 90%, corrective steps are to be seriously undertaken by- students, parents and the Department.

- ✓ Monthly reports are to be submitted by HODs to Principal for preventive actions through Parents.

- ✓ If the Attendance of a student is below 75%, the student will not be permitted to appear in the University Examinations and will be detained; students so detained in the respective year / semester, will have to repeat the semester / course during the next academic year.

- ✓ Students are to seek prior permission for availing leave. Whenever prior permission could not be obtained, submit the leave letter at the time of reporting to the College. (Obtain invariably signature of Parents / Guardians / Hostel Warden in leave letters).

Leave on Medical grounds

- ✓ Medical leave will be accepted only in genuine and approved cases with proper medical certificate. This will be counter verified by College Hospital. Decision of RMO/Hospital shall be final in the event of doubts, if any. However, even in case of medical leave, attendance shall not fall below 65%, failing which the students are not permitted to appear for the University Examinations.

- ✓ Medical Certificate should accompany leave letters on medical grounds.

Academic Progress

- ✓ Students are supported to maintain steady academic progress.
- ✓ 60% or more marks in each subject are considered as the minimum level of acceptable performance in cycle tests and in model Examinations. Students are to aim at the highest level.
- ✓ Pass in Cycle / Model Test is compulsory.
- ✓ For all theory and practical courses including project work, the continuous internal assessment will carry 20 marks while the end Semester University examination will carry 80 marks.

Procedure for Awarding Marks for Internal Assessment

For all theory and practical courses (including project work) the continuous assessment shall be for a maximum of 20 marks. The above continuous assessment shall be awarded as per the procedure given below

Theory Courses:

Three tests each carrying 100 marks shall be conducted during the semester by the Department / College concerned. The total marks obtained in all tests put together out of 300, shall be proportionately reduced for 20 marks and rounded to the nearest integer (This also implies equal weightage to all the three tests).

Practical Courses:

The maximum marks for Internal Assessment shall be 20 in case of practical courses. Every practical exercise / experiment shall be evaluated based on conduct of experiment / exercise and records maintained. There shall be at least one test. The criteria for arriving at the

Internal Assessment marks of 20 are as follows: 75 marks shall be awarded for successful completion of all the prescribed experiments done in the Laboratory and 25 marks for the test. The total mark shall be reduced to 20 and rounded to the nearest integer.

Theory Courses with Laboratory Component:

If there is a theory course with Laboratory component, there shall be three tests: the first two tests (each 100 marks) will be from theory portions and the third test (maximum mark 100) will be for laboratory component. The sum of marks of first two tests shall be reduced to 60 marks and the third test mark shall be reduced to 40 marks. The sum of these 100 marks may then be arrived at for 20 and rounded to the nearest integer.   https://www.annauniv.edu/academic_courses/reg_aff.html

Performance of students, who have poor Academic Track Record / Poor Performance or

inadequate attendance, will be reported to Parents. In case of default, they will not be recommended / permitted for Campus Placement / given letter of recommendations for higher studies.

Counseling

- ✓ There is one Faculty Counselor for A v e r a g e of every F i f t e e n students (1:15). Students are counseled periodically on student development, issues affecting progress, academic performance, higher studies, placement, attendance, discipline, sports, extra-curricular activities etc.

- ✓ There is a full time Expert Counselor with specialization in Psychology. Students are supported to seek special guidance and advice from the expert counselor, as and when it is necessary.

- ✓ Students can make suggestions and feedback regarding difficulties either directly to the class in- charge / HOD / Principal or through the suggestion box (which is provided at the entrance of the Main block) or through the expert counselor.

- ✓ A Class committee meeting is held thrice per semester at suitable intervals. During these meetings the student representatives air their opinions and suggestions regarding lecture classes, lab sessions and cycle test performance to enable mid-semester corrections for realizing excellence in Teaching - Learning process.

Certificates

The Course Completion Certificate, Transfer Certificate and Conduct Certificates will be issued only when the student completes the entire course work satisfactorily and leaves the college after submission.

College Timings

Working Hours: 8:30 am to 3:45 pm,

Tea break   : 11.00 am to 11.10 am,

Lunch break   : 12:50 pm to 01:30 pm

SEMESTER PLAN
Even Semester – 2017 -2018

Sl. No.	Programme	Semester	Re-opening Date	No. Of days	IAE 1			No. Of days	IAE 2		No. Of days	IAE 3 / Model Exam			University Practical Exam	Last Working Day	Univer-sity Theory Exam	Course File Submission
					Test Start	Test Report	Feed Back		Test Start	Test Report		Test Start	Test Report	Feed Back				
1	B.E / B.Tech	III	18-12-17	22 days	19-01-18	28-01-18	11-01-18	54 days	01-03-18	12-03-18	78 days	04-04-18	13-04-18	28-03-18	16-04-18	10-04-18	23-04-18	03-05-18
		V																
		VII																
2	M.E	II	22-01-18	22 days	28-02-18	09-03-18	26-02-18	54 days	21-03-18	29-03-18	78 days	23-04-18	03-05-18	22-04-18	07-05-18	05-05-18	17-05-18	10-05-18

LIST OF HOLIDAYS 2018
(As per Anna University Calendar)

1.	English New Year	01-01-2018	Monday
2.	Pongal	14-01-2018	Sunday
3.	Thiruvalluvar Day	15-01-2018	Monday
4.	UzhavarThirunal	16-01-2018	Tuesday
5.	RepublicDay	26-01-2018	Friday
6.	Telugu New Year	18-03-2018	Sunday
7.	Mahavir Jayanthi	29.03.2018	Thursday
8.	GoodFriday	30.03.2018	Friday
9.	Bank Year End Closing	01.04.2018	Sunday
10.	Tamil New Year Dr.B.R.Ambedkar's BirthDay	14-04-2018	Saturday
11.	May Day	01-05-2018	Tuesday
12.	Ramzan	15-06-2018	Friday
13	Independence Day	15-08-2018	Wednesday
14.	Bakrid	22-08-2018	Wednesday
15.	KrishnaJayanthi	02.09.2018	Sunday
16.	Vinayakar Chathurthi	13-09-2018	Thursday
17.	Muharram	21-09-2018	Friday
18.	Gandhi Jayanthi	02-10-2017	Tuesday
19.	AyuthaPooja	18-10-2018	Thursday
20	VijayaDasami	19-10-2018	Friday
21.	Deepavali	06.11.2018	Tuesday
22.	Milad-Un-Nabi	21-11-2018	Wednesday
23.	Christmas	25-12-2017	Tuesday

CALENDER FOR THE ACADEMIC YEAR 2017-2018 Dec 2017

Date	Day	EVENT
18	Mon	UG(B.E/B.Tech)-Reopening for IV,VI and VIII Semester
19	Tue	
20	Wed	
21	Thu	
22	Fri	
23	Sat	
24	Sun	
25	Mon	
26	Tue	
27	Wed	
28	Thu	National Seminar on Recent Trends on Antenna for Industrial Scientific Medical Applications
29	Fri	
30	Sat	
31	Sun	

CALENDER FOR THE ACADEMIC YEAR 2017-2018 JAN 2018

Date	Day	EVENT
1	Mon	New Year - 2018
2	Tue	Internship Training Program (Tesla Industry and Kashiv infotech, Chennai) (II Year and III Year)
3	Wed	
4	Thu	
5	Fri	
6	Sat	
7	Sun	
8	Mon	
9	Tue	
10	Wed	
11	Thu	
12	Fri	
13	Sat	Pongal Holiday
14	Sun	
15	Mon	

16	Tue	
17	Wed	
18	Thu	Internal Assessment Examination – I Start
19	Fri	
20	Sat	
21	Sun	
22	Mon	
23	Tue	
24	Wed	Tentative plan - Industrial Visit (All India Radio, Chennai) for I Year
25	Thu	
26	Fri	
27	Sat	
28	Sun	
29	Mon	
30	Tue	
31	Wed	Tentative Plan – Workshop on PCB Certificate Course for I Year

CALENDER FOR THE ACADEMIC YEAR 2017-2018 FEB 2018

Date	Day	EVENT
1	Thu	
2	Fri	Tentative plan - Industrial Visit (ISRO, Sriharikota) for II Year Tentative plan - Industrial Visit (Bharat Electronics Limited, Bengaluru) for III Year
3	Sat	
4	Sun	
5	Mon	
6	Tue	
7	Wed	
8	Thu	Tentative plan - Industrial Visit (PCB Design, Flextronics, Oragadam) for I Year Tentative plan - Industrial Visit (National Atmospheric Research Laboratory (NARL) , Thirupathi) for IV Year
9	Fri	Tentative Plan – Workshop on Raspberry pi for III Year
10	Sat	
11	Sun	
12	Mon	
13	Tue	
14	Wed	

15	Thu	
16	Fri	
17	Sat	
18	Sun	
19	Mon	
20	Tue	
21	Wed	
22	Thu	
23	Fri	Tentative Plan – Workshop on Raspberry pi for III Year
24	Sat	
25	Sun	
26	Mon	
27	Tue	
28	Wed	

CALENDER FOR THE ACADEMIC YEAR 2017-2018 MARCH 2018

Date	Day	EVENT
1	Thu	Internal Assessment Examination – II Start
2	Fri	
3	Sat	
4	Sun	
5	Mon	
6	Tue	
7	Wed	
8	Thu	
9	Fri	
10	Sat	
11	Sun	
12	Mon	
13	Tue	
14	Wed	
15	Thu	
16	Fri	Tentative Plan – Workshop on Recent trends in cyber security systems for III Year and IV Year

17	Sat	
18	Sun	
19	Mon	
20	Tue	Tentative Plan – Workshop on ARM 7 Certificate Course for III Year
21	Wed	
22	Thu	Intensive Coaching Class – Start (II, III Year)
23	Fri	Project Exhibition for IV Year
24	Sat	
25	Sun	
26	Mon	
27	Tue	Class Committee Meeting and Feedback from Students
28	Wed	
29	Thu	
30	Fri	
31	Sat	

CALENDER FOR THE ACADEMIC YEAR 2017-2018 APRIL 2018

Date	Day	EVENT
1	Sun	
2	Mon	
3	Tue	
4	Wed	Internal Assessment Examination – III Start
5	Thu	
6	Fri	
7	Sat	
8	Sun	
9	Mon	Talent Day - 2018
10	Tue	
11	Wed	
12	Thu	Model Practical Examination for II, III Students
13	Fri	
14	Sat	
15	Sun	
16	Mon	University Practical Examination - Start

17	Tue	
18	Wed	
19	Thu	
20	Fri	
21	Sat	
22	Sun	
23	Mon	Commencement of AU Theory Examinations
24	Tue	
25	Wed	
26	Thu	
27	Fri	
28	Sat	
29	Sun	
30	Mon	

Photo Gallery

Research Lab

National Seminar on Recent Trends on Antenna for Industrial Scientific Medical Applications

Industrial Visit to Chennai Metro

Industrial Visit (BSNL)

CLASS TIME TABLE

EVEN SEMESTER

Academic year .... Semester .... Branch...

	1 8.30 9.20	2 9.20 10.10	3 10.10 11.00	11.00 11.10	4 11.10 12.00	5 12.00 12.50	12.50 1.30	6 1.30 2.15	7 2.15 2.55	2.55 3.05	8 3.05 3.45
Mon				Break			L UNCH			Break	
Tue											
Wed											
Thu											
Fri											

SI.No	Subject Code	Subject	SI .No.	Subject Code	Subject
1			6		
2			7		
3			8		
4			9		
5			10		