AAA

COLLEGE OF ENGINEERING & TECHNOLOGY

(Accredited by NAAC with 'A' Grade, An ISO 21001 : 2018 Certified Institution)
(Accredited by NBA (CSE, ECE, EEE & MECHANICAL), Recognized by UGC – Section 2(f))
(Approved by AICTE – Affiliated to Anna University, Chennai)
Run by Vinayaga – Sonny Fireworks Group of Industries/Panjurajan – Amaravathy Trust
Kamarajar Educational Road, Amathur – 626005.

STUDENT HANDBOOK

2023-2024

PROGRAM OUTCOMES (POs) : At the time of graduation, our graduates will

PO-1	**Engineering knowledge**: Apply the knowledge of mathematics, science, engineering fundamentals, and engineering specialization to the solution of complex engineering problems.
PO-2	**Problem analysis**: Identify, formulate, research literature, and analyze engineering problems to arrive at substantiated conclusions using first principles of mathematics, natural, and engineering sciences.
PO-3	**Design/development of solutions**: Design solutions for complex engineering problems and design system components, processes to meet the specifications with consideration for the public health and safety, and the cultural, societal, and environmental considerations.
PO-4	**Conduct investigations of complex problems**: Use research-based knowledge including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
PO-5	**Modern tool usage**: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
PO-6	**The engineer and society**: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
PO-7	**Environment and sustainability**: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO-8	**Ethics**: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
PO-9	**Individual and team work**: Function effectively as an individual, and as a member or leader in teams, and in multidisciplinary settings.
PO-10	**Communication**: Communicate effectively with the engineering community and with society at large. Be able to comprehend and write effective reports documentation. Make effective presentations, and give and receive clear instructions.
PO-11	**Project management and finance**: Demonstrate knowledge and understanding of engineering and management principles and apply these to one's own work, as a member and leader in a team. Manage projects in multidisciplinary environments.
PO-12	**Life-long learning**: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Centre of Excellences

PERSONAL INFORMATION

Name   :   --

Year & Branch   :   --

Register Number   :   --

Date of Birth   :   --

Permanent Address   :   --

Phone Number   :   --

Email ID   :   --

Communication   --

 Address   :   --

Parents Mobile Number   :   --

Blood Group   :   --

Aadhar Number   :   --

Driving License Number   :   --

Bank Name &   --

 Account Number   :   --

Passport Details   :   --

PAN Details   :   --

NAD Number   :   --

Hostel Name   :   --

Room Number   :   --

PLEDGE

India is my country;

All Indians are my brothers and sisters;

I love my country and

I am proud of its rich and varied heritage.

I shall always try to be worthy of it.

I shall give my parents, teachers and all elders respect

and treat everyone with courtesy.

To my country and my people,

I pledge my devotion.

In their well being and prosperity alone lies

my happiness.

NATIONAL ANTHEM

Jana Gana Mana Adhinayaka Jaya he

Bharata Bhagya Vidhata

Punjaba Sind Gujarata Maratha

Dravida Utkala Banga

Vindhya Himachala Yamuna Ganga

Ucchala Jaladhita ranga

Tava Shubha Name jage

Tava shubha Asisa Mage

Gahe Tava Jaya Gatha

Jana gana Mangala dayaka jaya he

Bharata Bhagya Vidhata

Jaya he Jaya he Jaya he.

Jaye Jaye Jaye Jaye he!

DISCIPLINE QUOTES

➢ Your level of success is determined by the level of discipline and perseverance.
➢ Without hard work and discipline it is difficult to be a top professional.
➢ Discipline is doing what needs, to be done, even if you don't want to do it.
➢ The more disciplined you become, the easier life gets.
➢ Discipline is bridge between goals and accomplishment.
➢ Discipline is rarely enjoyable but almost always profitable.
➢ Self-discipline is a key ingredient to success.
➢ Suffer the pain of discipline or you will suffer the pain of regret.
➢ For every disciplined effort there is a multiple reward.
➢ Discipline is fuel of achievement.
➢ Discipline enables you to think first and act second.
➢ Confidence comes from discipline and training.

CONTENTS

RAGGING IS STRICTLY PROHIBITED
INSIDE THE COLLEGE CAMPUS

Tamil Nadu Prohibition of Ragging Act, 1997

The following Act of the Tamil Nadu Legislative Assembly received the assent of the Governor on the 14th February 1997 and is hereby published for general information.

Excerpts form Act No.7 of 1997

Students whoever doing any act which causes or is likely to cause physical or psychological harm or raise apprehension or fear or shame or embarrassment to a student in any educational institution and includes

a) teasing, abusing of playing practical jokes on, or causing hurt to such student or
b) asking the students to do any act or perform something which such student will not in the ordinary course willingly do.

- Whoever directly or indirectly commits, participates in, abets or propagates "ragging" within or without any educational institution, shall be punished with imprisonment for a term which may extend to two years and shall also be liable to a fine which may extend to ten thousand rupees.
- Any student convicted of an offence under section 4 shall be dismissed from the educational institution and such student shall not be admitted in any other educational Institution.
- UGC Student's Anti Ragging Undertaking form should be signed by the student.

CHAPTER 1

ABOUT AAA COLLEGE OF ENGINEERING AND TECHNOLOGY

AAA College of Engineering and Technology (AAACET), Sivakasi was established in the year 2013. The college is approved by ALL INDIA COUNCIL FOR TECHNICAL EDUCATION (AICTE), New Delhi and affiliated to ANNA UNIVERSITY, Chennai. It is branded for its quality education, through Panjurajan and Amaravathy trust, Thiruthangal and promoted by Vinayaga Sonny fireworks group of industries. The trust also manages two schools namely, Glory Matriculation Higher Secondary School and AAA International School in Thiruthangal, thereby providing quality education right from schooling. The college provides meritorious education with commitment to excellence.

The motto of our institution is Aspire, Attain and Achieve. The institute is committed to provide quality technical and professional education to transform students into successful entrepreneurs and dynamic leaders with moral values. The college provides young and promising engineers who can work competitively and productively in the engineering services on a global scale.

Courses offered

The college offers the following Undergraduate Engineering Courses in

- Artificial Intelligence and Data Science
- Civil Engineering
- Computer Science and Engineering
- Cyber Security
- Electrical and Electronics Engineering
- Electronics and Communication Engineering
- Information Technology
- Mechanical Engineering

It also offers

- Ph.D - Mechanical Engineering (Full Time/Part Time)
- Ph.D – Computer Science and Engineering (Full Time/Part Time)

Vision

- Emerge as a Premier Institute for Quality Technical Education and Research with social responsibilities.

Mission

- To offer state of the art infrastructure for under graduate, postgraduate and doctoral programs.
- To provide holistic learning ambience blended with professional ethics, leadership qualities and social responsibilities.
- To disseminate knowledge and undertake research in field of Engineering and Technology.
- To inculcate innovation and creativity among student community to become successful entrepreneurs.
- To undertake collaborative projects with academic, research centres and industries to provide cost–effective solutions.

Highlights of AAACET

- Spacious rooms for conducting class lectures and tutorials.
- State-of-Art Laboratories with sophisticated equipment on par with reputed Technical Institutions.
- Well stacked Library with wide collection of Books, Journals and e- journals.
- Value Added Courses and Certificate Courses
- Robotics lab for undergoing Innovative Technology oriented Research.
- Air- conditioned Auditorium & Seminar Halls.
- RO water throughout the campus.
- Well-furnished separate hostel for boys & girls with air conditioned room facility.
- WIFI/Cloud Campus.
- 24 x 7 uninterrupted power supply.
- Internship & Hands on Training in leading Industries.
- Cafeteria for providing quality food stuff.
- Modern innovative teaching pedagogy.
- Excellent placement records in core and IT companies.
- Fee concession and awards for meritorious students.
- Academic Performance Awards
- Aptitude and Soft Skills training for students from first year to improve employability.
- Professional Society – Computer Society of India, ISHRAE, IETE, SAE, FACEAT and Student Associations.
- Innovation & Incubation Centre to enrich student's knowledge activities.
- Oracle Primavera authorized training Centre.
- Dedicated and motivated team of faculty to impart Quality Engineering education.
- Highly qualified and experienced senior team of Principal & Head of the Departments.
- Corporate English Training for students.
- Institution's Innovation Council
- Entrepreneurship Development Cell
- BOSCH Automotive training Centre
- Texas Instruments Innovation lab
- e-Yantra Robotics in association with IIT Mumbai
- Centre of Industrial Internet of Things (IIoT)
- Centre of Excellence in advanced computing – Amazon Web Services (AWS), Red hat Academy & Youth Empowerment
- Centre for Virtual Instrumentation (Lab View)
- Active unit of National Service Scheme.
- Youth Red Cross & Rotaract Club
- Fine arts & Literary Club
- Eco & Nature Club
- Unnat Bharat Abhiyan

CHAPTER 2

BOARD OF MANAGEMENT

Vinayaga Sonny group of industries are known all over the world. It is not an exaggeration to say that uncompromising quality and unbeatable variety of crackers are their forte. Having established a legendary standard in the crackers industry, both Panjurajan – Amaravathy Trust and Vinayaga – Sonny Group of Industries have decided to establish new standards in education. With this mission the trust has established **AAA College of Engineering & Technology** in the year 2013. It is accredited by NAAC with 'A' grade in the year 2021. AAACET is the youngest college in India to achieve this status. It is the first college to get ISO 21001:2018 Certification in the year 2022. It is accredited by NBA for the departments of CSE, ECE, EEE and Mechanical in the year 2023.

Late Shri. P. PANJURAJAN
Founder

Dr. P. KARVANNAN
Chairman & Secretary

Dr. P. GANESAN
Correspondent

Dr. K. VIGNESH KUMAR
Joint Secretary

Mr. K. ARIRAM KUMAR
Trust Member

Mr. K. ABISHEK PANDIYAN
Trust Member

Mr. G. AMARNATH
Trust Member

COLLEGE ADMINISTRATION

AAA College of Engineering & Technology is administrated by highly qualified and experienced senior team of Principal & Head of the Departments.

Principal : Dr. M. Sekar, M.E.,Ph.D.,(S.Korea)			8124011542
Academics	HOD - Civil	**Dr. S. Krishnapriya, M.E., Ph.D**	9688218146
	HOD - CSE	**Dr. J. Sutha, M.E., Ph.D**	9486140537
	HOD - ECE	**Dr. S.Sevugarajan, M.Sc., Ph.D**	9113233427
	HOD - EEE	**Dr. C. Senthil Kumar, M.E., M.B.A., Ph.D**	9994573850
	HOD - Mechanical	**Dr. P.Seenikannan, M.E., Ph.D**	9486140536
	HOD – S & H	**Dr. J. Dharamaraja,M.Sc.,M.Phil.,Ph.D**	9677942139
	Academic Coordinator - Civil	**Mr. B. Jegatheeswaran, M.Tech., (Ph.D)**	9884099542
	Academic Coordinator - CSE	**Dr.P.Elamparithi, M.E., Ph.D**	9994797021
	Academic Coordinator - ECE	**Mrs. K. Padma Priya, M.E., (Ph.D)**	8531822334
	Academic Coordinator - EEE	**Mrs. B. Sarojini, M.E., (Ph.D)**	8220043510
	Academic Coordinator - Mechanical	**Dr.R.Meby Selvaraj, M.E., Ph.D**	9790623480
	Academic Coordinator–S & H	**Dr.K. Anand, M.A., M.Phil, B.Ed., Ph.D**	9566776660
	Controller of Examination	**Dr. C. Karuppasamy, M.E., Ph.D**	8015461676
Support	Administrative Officers/Transport Incharge/House Keeping/ Security	**Mr. K. Chandra Prakash, M.A., M.Phil.,**	9894245240
	Office Manager	**Mr. S. Balagurusamy, B.A., D.C.A.,**	9751044544
	Asst. Warden (Hostel)	**Mr. M. Nagendran, M.E., (Boys Hostel)**	9952423743
		Dr. S. Suguna, M.Sc. M.Phil., Ph.D (Girls Hostel)	8056646121
	Physical Director	**Mr. M. Veerukannan, B.Sc., P.ED., (Ph.D)**	7092419308
	WiFi & System Administrator	**Mr. M. Dinesh Kumar, M.B.A**	7358013393
	Admission Nodal Officer	**Mrs. N. Thenmozhi, M.E., (Ph.D)**	9688449326
	Student Office	**Mr. P. Vairaganesen, M.A.,**	9080744296

Name of the Cell		Faculty In charge	Contact Number
Training & Placement Cell	Placement Officer	Dr. V. Vivek, M.E., Ph.D, ASP/CSE	8870400203
	Team Members	Mr. T. Thirukumaran, M.E., AP/Civil	8248471193
		Mr. R. Prabhu, M.E., (Ph.D), AP/CSE	9843136618
		Mr. P. Manikandan, M.E., AP/EEE	9788492136
		Dr. G. Jaya Hari Prabhu, M.E., Ph.D, AP/ECE	9952399758
		Dr.G.Manikandaraja, M.E., Ph.D, AP/MECH	9688131303
Internal Quality Assurance Cell (IQAC)	Co-ordinator	Dr. S.Sevugarajan, M.Sc., Ph.D, Prof /ECE	9113233427
	Assistant Co-ordinator	Mr. C. Karuppasamy, M.E., (Ph.D), AP/EEE	8015461676
Institution's Innovation Council		Dr. G. Vairamuthu, M.E., Ph.D, ASP/MECH	9944121594
Entrepreneurship Development Cell (EDC)		Mr. M. Siva Sankar, M.E., AP/Civil	8056396602
Research Cell		Dr. J. Hemalatha, M.E., Ph.D , Prof & Head/CSE	9025777127
NPTEL		Dr. B. Padmanaban, M.E., Ph.D, ASP/ECE	9994163733
Women Empowerment Cell		Dr.S.Krishnapriya, M.E., Ph.D,	9688218146
Literary & Fine arts Club		Mr.P.S.R. Senthil Maharaj, M.E., (Ph.D), AP/MECH	9944046643
Youth Red Cross		Dr. R. Meby Selvaraj, M.E., Ph.D, AP/MECH	9790623480
NSS		Mr. S. Balamurugan, M.E., (Ph.D), AP/MECH	9003615191
Rotaract Club & Unnat Bharat Abhiyan		Dr. R. Meby Selvaraj, M.E., Ph.D AP/MECH	9790623480
Eco & Nature Club		Dr. J. Dharmaraja,M.Sc.,M.Phil.,Ph.D Prof & Head/S&H	9677942139
Alumni Association		Dr. C. Senthil Kumar, M.E., M.B.A, Ph.D, Prof & Head / EEE	9994573850
		Mr. P. Vetrivel, M.E, AP/CSE	9600211610
Library		Mrs. P. L. Ambika, M.Lisc., M.Phil., B.Ed.,	9585339750
Mess Supervisor		Mr. S. Kumaragurubaran, B.Sc.,	8489923079

CHAPTER 3
RULES & REGULATIONS

All the students are required to

- Foster and maintain a vibrant academic, intellectual, cultural, and social atmosphere which is consistent with the Vision & Mission of the college.
- Adhere to the rules and regulations of the college and discharge their responsibilities with diligence, sincerity, fidelity and commitment.
- Conduct them appropriately and not indulge in any act of indiscipline inside the campus.
- Be polite and courteous to all and obedient to the faculty members.
- Maintain decorum on campus and an ambience for learning and scholastic pursuits.
- Be aware of societal concerns and participate in social service activities offered through NSS, NCC, YRC, Rotaract, etc.,

IDENTITY CARD

- All students are required to compulsorily wear their identity cards inside the campus and also in the college bus. They should be in possession of the identity card at all times and present them for verification whenever required. Identity card shall be valid only for the period stated in the card. Loss of identity card due to theft/misplacement/otherwise can be replaced at extra cost.

DRESS CODE

All students are advised to adhere to the following dress code inside the college campus on all working days.

Boys: Students should wear only formal shirts and tucked in with shoes and appear clean-shaven with a regular hair cut at all times. Ear rings/Ear studs are not permitted. During lab classes and lab examinations, student should wear lab uniforms.

Girls: Students should wear either salwar kameez or churidhar with dupatta. During college/department functions they are permitted to wear saree. During lab classes and lab examinations, student should wear lab uniforms.

RULES AND REGULATIONS TO BE FOLLOWED INSIDE CAMPUS

- Students should present in the college on time.
- Students should attend all classes. If the attendance of any students falls below 75% he/she will not be allowed to sit for the University Examinations.
- No leave or absence will be granted except on written application of the student/parent, addressed to the HoD in advance.
- Student should keep the class rooms and college premises absolutely clean.
- Damage to college property, disfiguring of walls, damage to electrical items, indecent language or behavior are serious offences which may entail punishment, fine and even dismissal.

- Students should maintain the decorum of the college and discipline inside the class room as well as the college premises.
- Students are not allowed to form any type of unauthorized union/meeting and not allowed to celebrate birthday and any form of parties.
- No student is allowed to entertain outsiders inside the premises of the college without prior permission from the college authorities.
- Smoking, drinking alcohols, taking intoxicants and drugs are strictly prohibited inside the college premises. Such students will be immediately expelled from the college.
- Use of cell phones within the campus is prohibited.
- Ragging or harassment of any student of the college anywhere, in any form, is strictly prohibited. In any case of ragging, the college will lodge police complaint against the miscreant which will be dealt with as per law. College may also impose penalty as deem fit. The maximum punishment is expulsion from the college. College authorities have such power to award any punishment to the student without assigning any reason or even without giving any opportunity to defend. All such cases will be intimated to the university, which may lead to cancellation of register number of the concerned student.
- If a student is found guilty of indiscipline, the college reserves the right to take disciplinary action against him/her and inform the Parents/Guardians about the action so taken.
- The college will send the academic performance of the students to the Parents/Guardians periodically. In some cases the college may call the Parents/Guardians for a meeting to discuss various issues of students. Healthy co-operation in this regard is solicited.
- Students should not leave the college premises during working hours without prior permission of HoD/competent authority.
- Students are encouraged to take part in co-curricular and extra-curricular activities.
- Students should not throw waste papers, covers etc inside the class rooms, veranda, laboratories etc. Writing on walls, pillars, bathrooms, furniture or black boards is strictly prohibited and any one violating will be fined.
- Eating snacks/taking lunch inside the class rooms or along corridors are not permitted.
- Students are advised to switch off fans and lights when they leave the class rooms.
- Students are advised to wear helmet and follow traffic signs.
- More than 2 students are not permitted to ride on a two wheeler.
- Students must clear dues if any before the last working day of every semester.
- Outside food is not allowed inside the campus.

RULES AND REGULATIONS TO BE FOLLOWED INSIDE LABORATORY

- Reference books, Observation and Record note books should be brought to the laboratory classes. Record of experiments done in a particular lab class should be completed before the next laboratory/workshop class.

- The students should attend the laboratory/workshop classes with the specified uniform. Lab uniform with shoes is compulsory for laboratory classes in order to ensure the safety.
- Students are advised not to wear loose-fitting shirts or pants while doing workshop practical.

RULES AND REGULATIONS TO BE FOLLOWED INSIDE HOSTEL

- Students should read the rules and regulations before signing the hostel application form. Students of the hostels should strictly abide by rules and regulations of the hostels.
- The warden/Deputy warden shall act as the local guardian of the students of the hostel.
- No student is permitted to leave the hostel without the consent of parents and without permission from the deputy warden.
- While going outside the hostel premises, the students should maintain discipline and their behavior and conduct should be impeccable so as to keep up to the honor and prestige of the college.
- If there is any compliant against any one of the students regarding his/her misbehavior, severe disciplinary action will be taken, which may even lead to expulsion from the college.
- Guests/day scholars are not allowed to stay in the hostels. Action will be taken against students if any guest/day scholar is found in their rooms.
- Students must keep the Campus & Rooms clean. Defacing walls, equipment, furniture etc., is strictly prohibited. The inmates are responsible for the care of the furniture and fittings in their respective rooms for loss or damage to hostel property the inmates will be penalized and the cost will be recovered from them.
- In order to reach the classes on time, all students residing in the hostels should start from the hostel at 10 minutes before the commencement of classes both in the forenoon and in the afternoon. Late arrival in the class will be viewed seriously and such students may be asked to vacate the hostel in the event of repeated violation of the rule.
- Misbehavior with Deputy/Asst. wardens or any employee of the institution will attract strict action.
- When vacating the hostel, the students shall get the signature from the Deputy Warden/Asst. Warden certifying that all the furniture and the room are returned in good condition.
- Smoking and consumption of alcoholic drinks and/or narcotic drugs in the hostel premises is strictly prohibited Students shall not enter the hostel premises in intoxicated state and should not possess such materials. Severe action will be taken if any resident is found to violate this, resulting in expulsion from hostels and suspended from the college.
- Birthday celebrations\other celebrations, bursting crackers (during Diwali, Pongal, etc.), throwing colors are not allowed in hostels and on the campus.
- Students are not allowed to bring bikes and motor vehicles to the hostel premises.
- Residents are expected to dress decently while visiting the mess hall.

- Residents shall not fix posters, notices, pictures, or anything that might deface or damage the walls and/or other infrastructure.
- Study hours are observed compulsorily between 8 pm to 10 pm on all days at a common venue. All students must attend the study hours without fail.
- Strict adherence to the prescribed dress code is required. Decency in dressing & demeanor is a must.
- Loitering in the hostel campus during the class hours will not be appreciated.
- The Management & Staff will not be responsible for personal belongings.
- Late comers will be penalized.
- Students must turn off all the electrical equipment & lights before leaving their rooms.
- Students are not allowed to use electric stoves, heaters etc. in rooms except in designated places.
- Students are not allowed to organize any group activities in their room.
- Food will be served only in the designated Dining Hall and only during the specified timings. Wasting food & water will not be encouraged.
- All lights must be switched off before 10.30 pm in the rooms. Only study lamps are permitted.
- Students are not allowed to use Mobile phones after 10 pm. Cell phones of defaulters will be confiscated.
- Tipping of Wardens, Security Guards, Cleaning staff etc., is not permitted.
- Visitors will be permitted only on Sundays and other holidays between 7.00 AM to 6.30 P.M. Visitors are not allowed beyond the visiting area. No outside Guest\Students will be allowed inside the hostel.
- Students are not strictly encouraged for outing after 7.00 p.m. Hostel gate will be closed before 8.00 p.m.
- Students are instructed to get permission to go home and outing. Defaulters will be penalized.
- TV room can be utilized as per prescribed time during holidays with proper procedure. TV and music room usage is strictly not allowed during examination days. (Both internal and university exams)
- Any complaints regarding electric equipment, plumbing etc., is required to be entered in the complaint notebook which will be received by the hostel warden / maintenance support. Students are not encouraged to self-resolve such problems.
- Students should not enter rooms of other students without permission.
- Strict silence shall be observed in hostel from 11.00 pm to 5.30 am. Care should be taken at all times to use headphones and ensure that music\loud talking is not heard outside the room.
- Students during their stay in the hostel will be governed by the management rules.
- Outside food is not allowed inside the hostel.

RULES AND REGULATIONS TO BE FOLLOWED INSIDE LIBRARY

- Complete silence is to be observed in the library.
- Usage of cell phones is totally prohibited inside the library.

- Users should leave the Books and Journals on the prescribed table after reading.
- Underlining, scribbling and/or tearing of pages or any other types of mutilation of books and journals, mishandling or misuse of computers is punishable.
- If any book/journal is brought out of the library without proper entry, serious action will be taken.
- The borrowed books may be renewed for one more period, if no one has reserved.
- If a borrowed book or other material is not returned/renewed within the due date of return, overdue charges will be imposed.
- When obtaining the 'clearance certificate' from the library, students have to pay the overdue charges pending in their account at the end of each semester.
- If a borrowed book is lost or damaged, the borrower is required to replace the same edition or the latest edition of the same book. If it is not done so, triple the cost of the latest edition of the book has to be remitted.
- Eligibility of borrowing number of books for students is 3 for 30 days and for the faculty is 5 for 2 months.

RULES AND REGULATIONS TO BE FOLLOWED INSIDE COLLEGE BUS

- Being a co-educational institution, the students should maintain dignity and decorum with the opposite gender. Free conversation with the opposite gender is strictly forbidden. Cracking jokes and passing comments on the opposite gender is an offence.
- Students should bring bus pass every day and produce it on demand by competent authority.
- Students are advised to come to the bus stop well in advance.
- Students should not shout, hoot or whistle while travelling in the college bus.
- If any student misbehaves or makes a noise or whistle, he/she will be immediately asked to get down from the bus.
- Students should not bring and use electronic gadgets while travelling in the bus.
- Students should be in dress code and wear ID cards while travelling.

CHAPTER 4
ANNA UNIVERSITY REGULATIONS

Anna University Regulations is available in our college website.

Kindly visit the following link

https://www.aaaenggcoll.ac.in/regulation/

Students can visit the Anna University link

https://cac.annauniv.edu/

CHAPTER 5

FACILITIES & SUPPORT SYSTEMS

The following facilities and support systems are provided within the college campus

LIBRARY

"A library is not a luxury but one of the necessities of life"

- Henry ward beecher

The library acts as one of the main learning source centres of the institution and provides services and facilities to meet the requirements of the institute's teaching, training, research and consultancy programmes. The central library is automated with ILMS software, ROVAN. The library is constantly updated with the latest Magazines, National and International journals, Reference books and other material at regular periods. Core reference collections of various books are also available for all students to upgrade their knowledge. The Institution has subscribed to DELNET and J-Gate to access online Journal and E-Books. DELNET is very helpful for accessing Journals and Magazines by the faculties and students. The library is equipped with Digital entry logging system and Online Public Access Catalogue (OPAC). OPAC provides remote access to view E-Journals and E-Books. The institution has subscribed to e-ShodhSindhu which provides access to qualitative electronic resources including full texts, bibliography and factual databases.

TRAINING & PLACEMENT CELL

AAACET has an exclusive state-of-art Placement Cell. It has a sophisticated, Air-Conditioned Conference Hall, Seminar Rooms, GD Halls, Panel Rooms and Guest Rooms. The cell offers intensive career oriented training to its students. Thrust is given towards overall development of the students and also to in still in them the professional ethics. Placement training programmes are organized regularly to enable the students to handle interviews confidently. The training programmes include personality development, stress management, time management, Aptitude Tests, Group discussions, Soft skills, Life Skills, Mock Interviews, and Entrepreneurial Skills and so on. The placement and training cell also arranges HR meets & Panel discussions from leading industries and corporate.

TRANSPORT FACILITIES

Our College Management has provided A/c and Non A/c Buses to the students and faculty members for commuting from Sivakasi, Virudhunagar, Madurai, Thirumangalam, Rajapalayam, Aruppukkotai, Kariapatti, Sattur, Kovilpatti, Sattur, Muhavoor, Thalavaipuram, Sathirapatti, Srivilliputhur, T.Kallupatti, Peraiyur, Athipatti and Elayirampannai, Chinnayapuram, Kannicheri and Krishnan Kovil.

AUDITORIUM AND SEMINAR HALL

We have good spacious Air-conditioned auditorium with 1000 seating capacity and Air-Conditioned Seminar halls with 120 seating capacity each for the conduct of Seminars, Symposiums, Parents Teachers meeting, Guest lectures, Placement Training programmes, etc.

GENERATOR AND POWER SUPPLY

Our college campus is powered with 200 KVA HT Line for the entire distribution of power supply to the campus. A separate Genset power house with backup power of 380 KVA shall be used during power failure times for the whole campus. We have an additional standby Genset of 125 KVA for the campus. We also have individual backup of 25 KVA Genset for our ladies hostel.

CATERING FACILITIES

High quality cafeteria available in the college campus provides tasty and hygienic vegetarian and non-vegetarian food. Cafeteria is located in-front of main building. Apart from cafeteria, there is a mini refreshment point in Cambridge block in the campus.

BANKING FACILITY

For the convenience of faculty and students, State Bank of India ATM machine is located at the entrance of our college.

GYMNASIUM

Gymnasium for both boys and girls is located inside the hostel premises for improving the health and physical appearance in a dynamic way.

SPORTS & GAMES

Sports are an integral part in the life of every student. In our institution sports and games are given importance and sports facilities are upgraded continuously. All the students are motivated to actively involve in the sports activity. Every year various games are organized for the students and the winners are awarded in the Annual Sports Day. The following facilities are available in our campus.

- Cricket
- Shuttle Cock
- Hockey
- Foot ball
- Hand ball
- Volley ball
- Table tennis
- Ball badminton
- Carrom
- Chess
- Kabbadi

WIFI CAMPUS

All buildings including hostels are connected via wifi network which in turn is supported by 300 Mbps internet bandwidth and gives a high speed browsing experience to its users. The next generation IT infrastructure at college is delivered through:

1. Campus covered with high throughput WiFi access points.
2. 200 Mbps Internet Bandwidth for hassle free internet connectivity.

We provide the wide support to students to open WiFi for their use to view NPTEL Video, Project preparation and mini project to gain knowledge beyond limits.

COMPUTER CENTRE

A well-equipped computer centre plays a vital role in supporting the academic and research activities of engineering students and faculty, providing them with the necessary tools and resources to excel in their field. Computer centre is equipped with a large number of computers with high processing power and memory to handle engineering software and simulations.

RESEARCH CENTER

AAACET has been recognised as Research Center in Mechanical Engineering and Computer Science and Engineering by the Center for Research, Anna University, Chennai. Research center offers opportunities for students to engage in hands-on research projects, internships, and collaborations with industry partners, preparing them for careers in mechanical engineering. By fostering innovation and collaboration, research center contribute to economic growth by promoting entrepreneurship, job creation, and technology transfer.

DRINKING WATER

The Reverse Osmosis Plant installed in the college campus caters to the drinking water needs of all the students, faculty, supporting staff and the visitors. The raw water with an average Total Dissolved Solids [TDS] of 750-1000 ppm is treated to reduce the TDS content to less than 100 ppm the generally acceptable upper limit of the TDS. This is done in three stages, namely: Pre treatment, passage of the water through 12 RO membrane filters held in parallel to each other {main process] and Post treatment. The maximum capacity of the plant is 2500-3000 lit/hr and the utilized capacity is 1000 lit/hr. This water is pure, tasty and hygienic rendering it highly suitable for human consumption.

This plant not only facilitates the supply of safe drinking water but also obviates the otherwise involved huge expenditure for procuring drinking water for the large number of people in the campus. Coolers are connected to this plant providing drinking water in every floor of academic blocks, hostels, canteen etc.

SEWAGE TREATMENT PLANT

The sewage system is in practice to protect our environment from hazardous waste water. We convey the liquid waste to the wastewater treatment plant to ensure the environment to be free from health-related hazards. The capacity of the treatment plant is 20,000 liters/day. Sewage treatment plant is installed to collect all waste water generated in the college. It also ensures that the treated water is used for gardening and other activities. The treatment Process / system is designed on the principle of Activated Sludge process with Ultra filtration which ensures the aerobic decomposition of organic matter in presence of active microbial growth in the aeration tank.

MEDICAL FACILITY

To ensure faculties & students' well-being, college provides first aid facility inside the campus. Wheel chairs and other equipment are on constant standby for any eventuality. Ambulance facility is also available 24X7 in the campus in case of any emergency.

EXTRA CURRICULAR ACTIVITIES

ENTREPRENEURSHIP DEVELOPMENT CELL (EDC)

The Entrepreneurship Development Cell (EDC) of our college was inaugurated in the year 2017. The main objective of EDC is to mould the young budding engineers for starting new business, Small Scale Industry (SSI) etc., The cell organizes various guest lectures and workshops to make students a good entrepreneur.

NATIONAL SERVICE SCHEME (NSS)

The activities of NSS mainly focus on Community Development Services, Social Service, Environmental Awareness Programs, Health Awareness Programs and Technology Transfer Programs. The NSS volunteers benefit from the NSS activities as they get exposed to the sensitive issues of the downtrodden, need of the hour remedies, team work, time management and health issues. As a result, they develop self-confidence, compassion, commitment, leadership qualities, positive attitude and above all they turn out to be better individuals to survive in the 21st century.

The National Service Scheme (NSS) aims at involving the youth in community service through education. Students give their time, talent, and energy for social work. It trains them to fulfill their social responsibilities as citizens. The experience of coming into close contact with the poorer section of the society molds the volunteers in the best possible way to face reality.

Our college NSS unit is functioning with an aim to impart service in the mind of the youth. Our NSS unit has fifty volunteers. Each year our unit conducts, Free eye camp, Free medical camps and a Village is cleaned under Swatch Bharat scheme.

YOUTH RED CROSS (YRC) / ROTARACT CLUB

The purpose of Rotaract Club of our college is to provide an opportunity for young men and women to enhance the knowledge and skills that will assist them in personal development, to address the physical and social needs of their communities, and to promote better relations between all people worldwide through a framework of friendship and service. Our college has a very effective and active Rotaract Club sponsored by Rotary Club of Sivakasi.

The main objective of YRC is to serve the society by conducting awareness programs in various topics, medical camps, blood donation camps etc. YRC society continuously imparts humanity and discipline among the young student community. Our college YRC unit is functioning with an aim to make youth involve in active blood donation so that more life can be saved. Every year we are conducting blood donation camp in which our faculties and students also take active participation.

ALUMNI ASSOCIATION

The Alumni office acts as the link between the alumni and the college. The major objectives of the Alumni office are to enhance the coordination between AAACET and its alumni, to improve the interaction of alumni with the students and the faculty members, to establish alumni chapters in India and abroad, to create the database of alumni and to look after the interests of AAACET alumni.

PROFESSIONAL CHAPTERS

The following student chapters are functioning effectively in our institution
1. Computer Society of India
2. Indian Society of Refrigeration Heating and Air Conditioning
3. Institution of Electronics and Telecommunication Engineers
4. Federation of All Civil Engineer Associations of Tamil Nadu
5. Society of Automotive Engineers
6. Institution's Innovation Council
7. National Programme on Technology Enhanced Learning

CENTER FOR INTERNET OF THINGS

The institution has established centre for IIoT to impart the latest developments in the Engineering and Technology. The knowledge of Internet of Things will be very much useful to students to carry out innovations, multidisciplinary projects and make the students more employable. The courses are open throughout the year to all our students.

e-YANTRA

e-Yantra is a project initiated by IIT-Bombay sponsored by Ministry of Human Resource Department under National Mission of Education through Information and Communication Technology to promote robotics technology in India. e-Yantra Lab Setup Initiative (eLSI) was virtually inaugurated by IIT Bombay. The primary objective of the e-yantra robotics lab is to create awareness amongst the students about the recent technology trends in the field of embedded systems and robotics technology. e-Yantra will provide encouragement to the students to come up with new ideas and also to get exposed to the current technologies in the field of Robotics to make them industry ready and increasing their employability.

INSTITUTION'S IINOVATION COUNCIL

The IIC has been constituted at AAA College of Engineering and Technology on 17.09.2019. The main objective of the council is to promote innovation practices that lead to start-ups and patents. The IPR cell facilitates the faculty and students convert their research work to valuable Intellectual Properties. This cell provides support and guidance to the engineering students and faculty in protecting their inventions and creations. The council conducts various events regularly to promote the culture of research and innovation.

RED HAT ACADEMY

Partner with Red Hat Academy, the Linux leaders will provide superior learning experience to our students. It bridges the gap between Education and Industry. It provides a curriculum to help educational institutions keep pace with the demands of industry. Training program on RHCSA Certification Course was conducted during the past three years. Around 120 students attended the program. Out of 120, 11 students completed their RHCSA Certification.

CENTER OF EXCELLENCE FOR AMAZON WEB SERVICES

The AWS Academy program offers a curriculum for higher education institutions to help students develop in-demand cloud computing skills and prepare for industry-recognized AWS certifications. The program includes in-class instruction, hands-on labs, online knowledge assessments, and project work. Obtaining an AWS certification can significantly benefit students by validating their knowledge and proficiency in cloud computing, thereby making them more competitive in the job market and opening doors to various career opportunities. AWS certifications are recognized worldwide and align with industry standards, which can lead to higher earning potential and increased credibility with employers. The process of preparing for certification offers hands-on experience with AWS services and keeps students updated with the latest cloud technologies. Additionally, joining the AWS-certified community can provide valuable networking opportunities with industry experts and peers.

CENTER OF EXCELLENCE FOR YOUTH EMPOWERMENT PROGRAM

A youth empowerment program is an initiative designed to provide young people with the resources, support, and opportunities they need to develop their potential and contribute positively to society. These programs typically focus on building young people's skills, confidence, and agency through education, training, mentorship, and other forms of support. The Center of Excellence was opened at our college through the Atos Syntel Prayas Foundation. Atos Syntel Prayas Foundation recognizes job opportunities available for the youth in the IT/ITES, BPO, logistics, e-commerce, retail, and banking industries and has initiated the skilling of final-year students from rural and low-income family backgrounds. This effort aims to help them create a solid foundation for building their socio-economic levels. The objective is to skill the youth and prepare them to become deployable resources. Our college has a partnership with ICT Academy to skill youth through youth empowerment programs (YEPs) that help students build better career prospects. Under YEP, many CSR initiatives will be conducted in the future.

CENTER OF EXCELLENCE IN PROJECT MANAGEMENT

Centre of Excellence in project management was established in AAACET in the year 2018. Centre of Excellence is equipped with PRIMAVERA software which is extensively used for project management. Primavera is an enterprise project portfolio management software. It includes project management, scheduling, risk analysis, opportunity management, resource management, collaboration and control capabilities, and integrates with other enterprise software such as Oracle and SAP's ERP systems. It is used in the Engineering, Construction, Aerospace, Defense, Utilities and Oil & Gas industries. In addition, it is the tool of choice for power users, such as schedulers and project managers, in industries where detailed, fast, accurate scheduling and the critical path method are crucial to the planning, execution and success of a project. The knowledge gained in the lab eventually equips the students to provide quality service once employed in the industry.

NI LABVIEW LAB

LabVIEW is systems engineering software for applications that require test, measurement, and control with rapid access to hardware and data insights. The LabVIEW programming environment simplifies hardware integration for engineering applications so there is a consistent way to acquire data from NI and third-party hardware. It reduces the complexity of programming, so it is designed to solve unique engineering problem. It enables us to immediately visualize results with built-in, drag-and-drop engineering user interface creation and integrated data viewers. To turn our acquired data into real business results, we can develop algorithms for data analysis and advanced control with included math and signal processing IP or reuse our own libraries from a variety of tools. To ensure compatibility with other engineering tools, LabVIEW can interoperate with, and reuse libraries from, other software and open-source languages.

TEXAS INSTRUMENTS INNOVATION LAB

The Texas Instruments Innovation Lab (TIIL) creates a technical education ecosystem at our campus that connects industry and academia, bringing real-world engineering concepts to life. In our view, today's students are the engineers of tomorrow.

They need hands-on design experience and experiential learning to master the basics and start their careers. Students are encouraged to consider different approaches and quickly explore them in an open and collaborative environment. It lets the students experiment, innovate, and solve real-world problems. Product ideas are incubated and quickly tested in the TII lab. This lab connects TI platforms and students and discovers new technology uses in engineering

BOSCH

Our college has signed MOU with BOSCH LTD, Bangalore for establishing AAACET-BOSCH Joint Certification Program, jointly developed by Bosch in the campus of AAACET. It maintains the training center premises for conducting training courses according to the BOSCH concept. It acts as a center for transfer of current automotive technologies to students and technicians, trains students on the diagnosis, service, repair and troubleshooting of a modern automobile. It is equipped with BOSCH Vehicle diagnosis system, BOSCH Vehicle air-conditioning maintenance system and motion logic drives. It gives opportunity for the students to validate their knowledge and skills at a professional level with internationally reputed BOSCH certification.

LITERARY & FINEARTS CLUB

Literary & fine arts club of our college aims to foster an artistic environment in our college and develop an appreciation of art and aesthetics in the student's community. Its aim is to bring out the creative, expressive and aesthetic potential of each student. The literary club offers a myriad of possibilities for students to develop a flair for different languages and boost their communication skills.

ECO & NATURE CLUB

Eco & Nature Club of our College empowers students to participate and take up meaningful environmental activities. It is a forum through which students can reach out to influence and engage their peer and neighbourhood communities to promote sound environmental behaviour. The club offers programs and activities to encourage others to reduce pollution, plant trees and to tackle environmental problems through public awareness campaigns. The club motivates the participants to care about the environment as a volunteer to keep earth healthy and green.

WOMEN EMPOWERMENT AND HARASSMENT PREVENTION CELL

Women Empowerment and Harassment Prevention Cell of our college aims to conduct activities, programmes and competitions that build confidence, encourage entrepreneurship and lead to empowerment of girl students & lady faculty. It also aims to conduct health awareness programmes and create awareness on anti-sexual harassment acts. All the girl students and lady faculty are active participants of this cell.

VALUE ADDED COURSES

The value added courses are offered free of cost to the students for the knowledge updating and the incorporate projects in the tools out of the curriculum with industrial collaboration. The courses include Solid Works, Fluid SIM, STAAD Pro, Revit, Python, Internet of Things, Network Simulators, Mobile Apps. Development, etc.,

COACHING CLASSES

Slow learners in every subject are identified after each internal test and are given coaching after the completion of class hours and during study holidays.

INDUSTRY VISITS

Students are provided with opportunities to visit premier industries like ISRO, software companies, tech parks, construction sites and industries engaged in manufacturing. Regular industrial visits are made by the students at least once in a semester to improve their understanding on the functioning of Industries.

INTERNSHIPS / INPLANT TRAINING

Industry Internship is an integral part of the academic curricula. The general structure of the internship requires the students to undertake an immersive assignment within the assigned organizations for a limited period. The internship offers the students an opportunity to gain hands-on industrial and organizational exposure; to integrate, the knowledge and skills acquired through the coursework; interact with professionals and the interns; and to improve their presentation, writing and communication skills. Internship often acts as a gateway for final placement for many students. The internship will benefit students by getting real time industry experience and exposure, exploring the career opportunities, adds values, skills, and experience to their CV and learns company culture.

UNNAT BHARAT ABHIYAN

Unnat Bharat Abhiyan is motivated by transforming rural development procedures by utilising educational institutions to contribute to the construction of an inclusive India.

SCHOLARSHIPS & AWARDS

SCHOLARSHIP

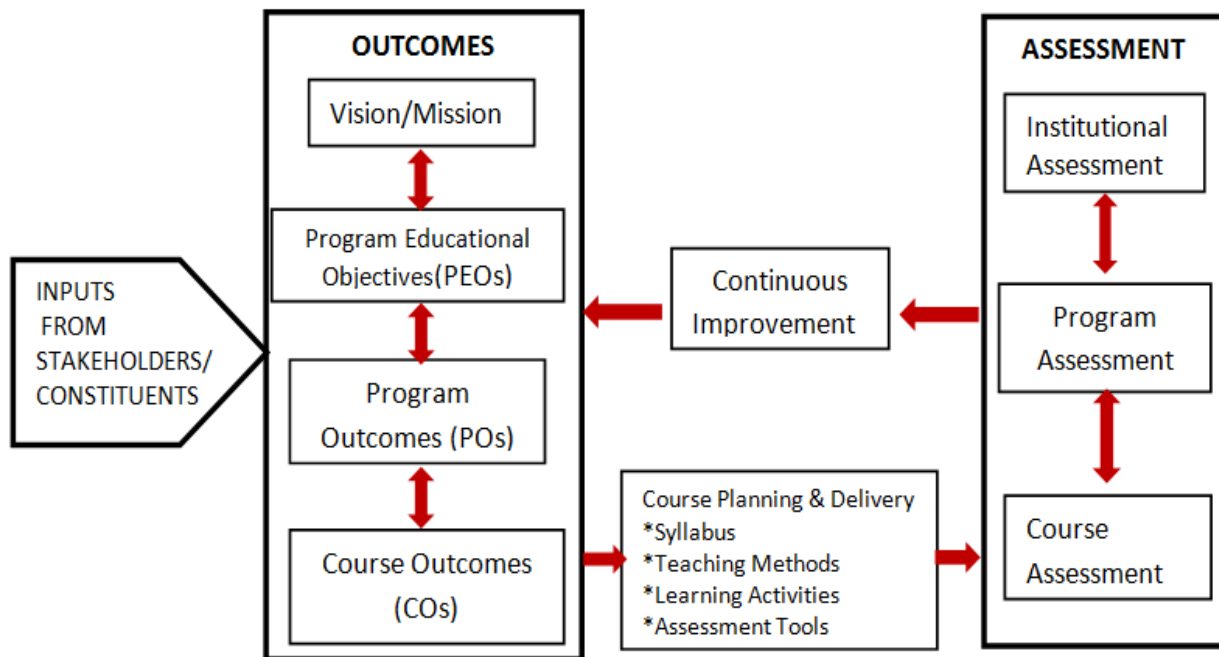| Name of the Scholarship / Loan	Instituted by	Awarded to
Post Matric Scholarship	Central Government	SC/ST Students
BC/ MBC scholarship	Director of Backward Classes & Director of Most Backward Classes	BC/MBC Students
Minority Scholarship	Central Government	Christians & Muslims
Pragati scholarship	Ministry of Human Resource Development	Eligible Girl Students
AAA Merit Scholarship	Panjurajan Amaravathy Trust	Eligible students in academics.
AAA Scholarship for children of single parent	Panjurajan Amaravathy Trust	Eligible students

Note: Students can approach the student section office for further information.

ACADEMIC PERFORMANCE AWARDS

Name of the Award	Instituted by	Awarded to	Award
AAA University Rank Holders Award	Panjurajan Amaravathy Trust	The student who secure Anna University Rank	Refund of tuition fees paid by the student for the entire course of B.E Programme
AAA End Semester University Toppers Award	Panjurajan Amaravathy Trust	The student who secure more than 9 GPA in Anna University end semester Examinations	Rs.10,000/-
AAA GATE Scholarship	Panjurajan Amaravathy Trust	The student who secure a valid score in the GATE exam.	Rs.10,000/-
AAA IIT Scholarship	Panjurajan Amaravathy Trust	The student who pursue Master degree in IIT	Rs.25,000/-
AAA Academic Toppers Award	Panjurajan Amaravathy Trust	The students who secured first three ranks in Anna University end semester Examinations	Certificate and Memento
AAA 100% Attendance Award	Panjurajan Amaravathy Trust	Students getting 100% attendance in an academic year	Certificate
AAA Best Outgoing Student Award	Panjurajan Amaravathy Trust	Students excelling in academics, co-curricular & Extracurricular activities	Certificate and Memento
Best Performer in Club	Panjurajan Amaravathy Trust	Students outperforming in club activities	Certificate and Memento
AAA Result Award	Panjurajan Amaravathy Trust	Faculty producing 100% results in their subjects	Certificate and Memento
Awards for getting Government Jobs	Panjurajan Amaravathy Trust	Passed out students getting job in Government Sector (within 2 years after course completion)	Rs.20,000/-

Note: Students are asked to approach the HoDs for further information.

OUR INSTITUTION FOLLOWS OUTCOME BASED EDUCATION MODEL

STUDENT MENTORSHIP PROGRAMME

"Mentoring is a brain to pick, an ear to listen, and a push in the right direction"

- John Crosby

The Student Mentor Program is launched at AAA College of Engineering and Technology to provide a platform for mentees to realize their potential by enabling personal and professional relationships with Proctors, who act as role models and provide guidance to them. It offers opportunities to develop business contacts, access industry information, and gain valuable insights from experienced and successful professionals. The goal of student mentoring is to help students involved in the mentoring program to gain the skills and confidence to be responsible for their own futures.

A separate qualified Psychologist counsellor visits the institution monthly once to counsel the students to address their problems. Professional mentoring and counseling is provided by Dr.S.Aasha, M.A. (M.Psy), M.A. (P&R), M.Phil., Ph.D., Psychological Counselor and Therapist, Zen Counseling and Therapy Centre, Madurai. She visits the college on a regular basis and counsels students on dealing with emotional conflicts, stress, distractions and personal problems.

THE ROLE OF FACULTY PROCTORS

"If you light a lamp for someone it will also brighten your own path"

- Buddhist Proverb.

Each faculty referred as Proctor is assigned with 15 to 20 students to provide continuous support and guidance. The Proctors, who play the role of a local guardian will assist their wards in academic matters, co-curricular activities and offer counseling on personal issues. They will meet students periodically and review their performance in Academics, Internal Tests, University Examinations, Placement & Trainings and report the same to the Parents periodically.

SUGGESTION BOX

Students may drop their complaints or suggestions in the suggestion box kept at different places. Every week the suggestion box will be opened and necessary action will be initiated, and the remedial action will be displayed on the notice board. An online grievance portal is available for the students to address their grievances.

FEEDBACK ON FACILITIES

Students are directed to fill their feedback in the prescribed format for the facilities like Transport, Hostel, Cafeteria, Library, etc., Comments are analyzed and suitable action will be initiated for the betterment of the facilities. Students' feedback for Guest Lecture is also being obtained. Feedback from Alumni, Parents and Employers are also obtained for improving the quality of the systems.

CHAPTER 6

TENTATIVE ACADEMIC CALENDAR

Academic Calendar is available in our college website.

Kindly visit the following link and check your department.

https://www.aaaenggcoll.ac.in/regulation/#Schedules

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Prepared by
S.Kaish P 13/07/23

IQAC Coordinator
13/7/23

Principal
15/07