

AMRITADHARA

Handbook on student activities in

Amrita School of Engineering, Bengaluru

Contents:

1. Vision of Amritadhara
2. Mission of Amritadhara
3. Composition of Amritadhara
4. Objectives of all clubs under Sanskriti
5. Objectives of all clubs under Prachodana
6. Operating Procedures of Amritadhara
7. Selection of Secretaries and Joint Secretaries
8. Responsibilities of Secretaries and Joint Secretaries

Amritadhara is a cultural ensemble that supports academic activities and attempts to help students for their holistic growth, thus helping in accomplishing the University's vision of education for life.

VISION:

“To foster technological innovation and cultural values among the students so that they deploy their technical / creative / artistic skills for the benefit of humanity and lay foundation for the development and generation of technical manpower and cognition in the field of Industry and Technology”

MISSION:

To inculcate values, social responsibilities, technological innovation and awareness of environmental issues, so as to transform themselves as tomorrow's leaders, thereby contributing in shaping of a better nation. Students are empowered to frame, execute and review various outcomes that can be achieved through a diverse set of student activities.

COMPOSITION OF AMRITADHARA:

To realise the Vision and Mission, Amritadhara encompasses two wings catering to hone the cultural and technical skills of the student community. Accordingly, Amritadhara embraces the cultural wing SANSKRITI and the technical wing PRACHODHANA. 18 clubs come under the ambit of Sanskriti and 25 clubs/departmental forums under Prachodana.

The list and objectives of these clubs are mentioned below.

OBJECTIVES OF CLUBS UNDER SANSKRITI: THE CULTURAL WING

1. ABHINAYA, The Drama Club

- *To encourage and to explore the hidden talents of students in the field of acting, by providing the opportunities to explore the theatre art through skit, drama and other forms.*

2. CHETANA, The Sports Club

- *To encourage to maintain physical and mental fitness through sports, and to promote players to the level of University and National level sports, create competitive spirit.*

3. DHAROHAR, The Heritage Club

- *To create awareness about rich heritage sites spread all over India, to encourage everyone for the protection of both our tangible and intangible heritage and thus to transmit the value of heritage knowledge towards future generations*

4. DHWANI, The Literary Club

- *To provide a platform share ideas and information, inculcating traits of effective public speaking from voice inflection to body language, to create an atmosphere where dialogue is encouraged, analysing and approaching a given problem through various perspectives, the use of arguments, lines of reasoning, the three-part anecdotal structure as means to convey point of view*

5. EPIC (Educating People In Cinema) – The Movie Club

- *To encourage to understand the science, art and technology towards film production, to provoke creative analysing skills.*

6. HUMOUR CLUB

- *To encourage to come out from mental tensions through humour and to boost student's gauge in comic articulations, to perceive the things in a different way.*

7. KALA- The Fine Arts Club

- *To encourage creativity among through designing and development of models, to set the ambience of the campus for various events around the year with paintings, sketches, 3D models, posters, crafts etc.*

8. LEKHANI – The Press Club

- *To encourage the art of drafting reports with a motto of 'Penning to Perfection', which is fulfilled by activities that refine and redefine the use of written expressions*

9. NARTHANA –The Dance Club

- *To encourage dance enthusiasts of various forms of dances, as well as amateurs to showcase their talents and organize a variety of events exhibiting diverse dance forms. And to encourage students to compete in various dance competitions.*

10. PRAKRITI – The Environmental Club

- *To create awareness about importance and conservation of environment and to familiarize the idea of farming and its hardships.*

11. PREREANA – The Social Outreach Club

- *To inculcate social service and social responsibilities by encouraging to help others without expecting anything in return and to express gratitude towards the people working for us*

12. QUIZ CLUB

- *To invite a community of Quizzers together and to increase the popularity of quizzes thereby improve emotional knowledge and a sense of competitiveness to encourage to participate in various quizzes.*

13. RAAGA- The Music Club

- *To develop and to nurture musical skills and to enrich the creativity in musical expressions through various traditional and contemporary musical instruments*

14. SANSKRIT CLUB

- *To revive and promote the essence of the world's oldest language, Sanskrit by creating interest and to understand the literary treasure of Sanskrit including Vedas*

15. SMRITI- The Photography Club

- *To encourage and to build creativity and innovativeness through photography by expressing the world in a different perspective, and provide an in-depth insight on how modern digital art is composed.*

16. SPICMACAY Club

(Society for the Promotion of Indian Classical Music and Culture amongst Youth)

- *To introduce Indian cultural heritage by inviting artists of classical music, classical dance, folk music, yoga, meditation. through focus on classical arts, and to facilitate an awareness of their deeper and subtler values*

17. SQUAD- The Adventure Club

- *To inculcate patriotism, to ignite the spirit of adventures as it lights up the inner soul and to mould into responsible citizens of the country by inducing discipline, responsibility and to encourage and guide to join Indian Defence Forces*

18. VEDANTA CLUB

- *To create an awareness about our rich culture and traditional importance by celebrating Indian festivals, to create a feeling of 'being at home', and by chanting Vedas, motivate the students to understand their relevance.*

19. YOGA CLUB

- *To disseminate the Yogic wisdom about lifestyle, diet, and day-to-day functioning among the students and to teach Yoga therapy practices for prevention, cure, and to reduce the aftermath of disease*

OBJECTIVES OF CLUBS UNDER PRACHODANA: THE TECHNICAL WING

1. AAVISHKARA (The Science & Humanities Forum)

- *To develop and encourage a strong sense of scientific curiosity and innovation, to inculcate creative thinking.*

2. ECIF (Electronics and Communication & Instrumentation Forum)

- *To foster technological innovation and excellence in Electronics, Communication and Instrumentation Engineering by providing dynamic platform to promote to unleash potential, implement ideas, and to keep up with growing technology.*

3. FACE (Forum for Aspiring Computer Engineers)

- *To provide a platform with opportunities to be familiar with the cutting edge technologies, to encourage knowledge ,skill building in novel areas of vivid domain of computer science and allied areas, converting programming easy and accessible for every one*

4. INGENIUM (The Mechanical Engineering Forum)

- *To ideate, innovate and inspire the young aspiring minds through various events and activities that aligns with the industry requirements and to build the knowledge system that enables the students to have a competitive advantage in core companies.*

5. VIDYUTH (The EEE Forum)

- *To promote innovation and creativity in the design, research and implementation of products and services in the field of electrical engineering through strong communication, leadership and entrepreneurial skills.*

6. ACE Amrita Centre for Entrepreneurship

- *To nurture the development of quality entrepreneurs who will be capable of competing in the local & global business industries through cultivating the entrepreneurial skills & values*

7. ACM (Association of Computing Machinery)-Student's Chapter

- *To provide unique opportunities to network, mentor and bond over common interests of technology and innovations to create awareness of the recent updates in the changing technology and innovations, encourages discussions and exchange of ideas and opinions, subsequently making the students industry ready.*

8. ACM -W Student's Chapter

(Association of Computing Machinery - Women)

- *Aims to improve the working and learning environments for women in computing through activities and projects, building confidence in women by developing technical skills*

9. ACROM and IEEE – RAS (Robotics and Automation Society):

- *To introduce to Robotics and the allied fields and to improve the knowledge in robotics, help to experience in coding and other technical aspects that will aid building Robots which helps to boost interpersonal skills and pursue related education and career paths. Strives to encourage to practice the advancement in the theory and concepts of robotics and automation engineering*

10. ANC – Amrita Networking Club

- *Aims to get acquainted with the networking techniques and help budding network enthusiasts, enhance learning to develop skills and understand various tools in networking and its working.*

11. Code Chef

- *Providing a platform for budding engineers to practice, hone their programming skills through online contests, inculcate a culture of programming in a more efficient way thereby grooming for industry requirements.*

12. Computer Society of India (CSI)

- *To facilitate Research, Knowledge Sharing, Learning and Career Enhancement, aims at bridging the gap of industry and Academia, to inspire, nurture and assist in integrating into the IT community*

13. FORGE Gaming Club

(Forum for Game Engineering)-

- *Promotes game designing and also 3D engineering, to encourage in exploring the world of game development, aims to create an atmosphere in computers and computer gaming to share the ideas, knowledge and proficiency.*

14. IEEE Student Chapter

- *To connect industry professionals across the globe who drive innovation in countless technical fields, to create awareness about the day to day technological developments and to ensure the utilization of resources available in IEEE.*

15. IEEE – PELS (Power Electronics Society)

- *Strives to build knowledge and awareness about the latest technologies and other advances in power electronics and encourages to update to equip to be competitive in the workplace and subsequently grow both personally and professionally.*

16. IEEE – PES (Power and Energy Systems)

- *Promotes to understand the concepts of Power Engineering and the contributions of Power Industry and encourages to align innovative thoughts in Power and Energy Systems.*

17. IEEE – Com Soc (Communication Society) Student Branch Chapter

- *Promotes technological innovation and fosters creativity to apply the technology of Communication and Networking to connect communities and to update, to create awareness regarding current and trending technologies in Communication engineering domain by understanding the present communication systems such as 5G, IoT, Ambient Backscatter.*

18. IEEE Sensors Council

- *focuses on the theory, design, fabrication, manufacturing and application of devices for sensing and transducing physical, chemical, and biological phenomena.*

19. IEEE SIGHT

- *provides a platform to work with a large network of volunteers carrying out and/or supporting impactful humanitarian activities on the local level. It focuses on sustainable solutions that make a long-term difference in the lives of people.*

20. IEEE Women in Engineering Student Chapter

- *To inspire women to accomplish their full potency as engineers and leaders, broaden the image of the engineering profession as a positive force in improving the quality of life, and demonstrate the value of diversity.*

21. IEEE Innovation Club

- *To create awareness, educate, nurture and inculcate a culture of innovation and to enable to generate new ideas and to be innovative.*

22. JIDO

- *Encourages the interested minds in industrial automation and pursuits related, aspires to provide perspective to incipient engineers on the cutting-edge technology and to acknowledge the complexity of automation, instrumentation & process control methods also aims to project itself as an interface between the theory behind industrial automation and the practice of it in industries.*

23. Sankhya – The Mathematics Club

- *Aims to develop Mathematics skills and knowledge by using games, activities and mock competitions, and to cooperate to complete Logic and Math Puzzles, also helps in developing heuristic and problem solving attitude, encouraged to understand the world through perspective of mathematics.*

24. SAE – Society of Automotive Engineers

- *Aims to develop passion and build a new generation of future-ready engineers for the automotive industry, globally enabling to practice world class standards in productivity and quality, to develop technical and scientific reports and engineering for the benefit of mankind.*

25. VYOM – The Astrophysics Club

- *To develop scientific temper, understand the basic concepts of science and technology used in astronomy, generate the interest in observing astronomical events and phenomenon around us and further apply the laws and theories of physics to the interpretation of astronomical observations.*

OPERATING PROCEDURES OF AMRITADHARA

For the smooth functioning of Amritadhara, the ensemble is chaired by the ‘Head-Student Affairs’. Further, each wing is headed by a Vice-Chair, who are nominated by Principal in consultation with Head- Student affairs, and all the clubs under each wing is mentored by a faculty.

The activities of each club is coordinated by the student office bearers who are entitled as Secretaries and Joint-Secretaries. The student executive members of each club associate themselves with the respective office bearers in the smooth conduct of all the events. The office bearers discharge their duties in the capacity of secretaries and joint secretaries for a tenure of one academic year.

An orientation program is conducted by the Department of Students Affairs to secretaries and joint secretaries regarding their responsibilities and involvement at the beginning of the academic year.

The Chairperson along with Deputy chairs shall review about the outcomes of each activity and also confirms that the outcome shall align with the set objectives.

SELECTION PROCESS OF SECRETARIES AND JOINT SECRETARIES

Considering the academic rigour, projects and placement activities for the final year students, generally secretaries and joint secretaries are appointed from second and third year students.

At the beginning of the academic year, applications are invited from the second and third year students. The selection of the office bearers is based on the following parameters:

- Involvement of the student in the respective club activities
- Organising skills of the student, leadership qualities.
- Academic performance of the student

Faculty mentor of each club are responsible for the selection process.

RESPONSIBILITIES OF SECRETARIES AND JOINT SECRETARIES

- Understand the objectives of each club and to plan activities aligning to it
- Under the guidance of the mentor, frame the plan of action indicating the set of activities for the forthcoming semester and execute them in a manner not hindering the academic activities
- Promote all activities of the club among students and involve them to actively participate in the same
- Approach Chair of Amritadhara through the mentor for facilitation of the conduct of the events
- Subsequent to the conduct of the event a formal report has to be submitted to the office of Chair of Amritadhara through the club mentor

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