



SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE

(An Autonomous Institution)

(Approved by AICTE, New Delhi and Affiliated to Pondicherry University)
(Accredited by NAAC with 'A' Grade and Accredited by NBA-AICTE, New Delhi)
Madagadipet, Puducherry



Name of the Department: **BIOMEDICAL ENGINEERING**

Name of the Student Club: **BIO DREAMS**

About the Club:

In Biomedical Engineering department, technical club 'Bio Dreams' was inaugurated in the year 2020. It gives more benefits to the students. They are not only receiving insights from their teachers but also from their classmates, Alumni members and Industrial Experts. Through Technical club Students organised various activities like technical seminar, Debate, Elocution, Poster presentation, Mini Project development, Technical quiz programs, Quantitative aptitude and logical reasoning solving and Skill development in programming languages like C, C++, Python, etc.





Bio dreams club provides plenty of opportunities for students to show off their talents through club activities. Theme oriented activities like Water Day celebration; Engineers Day celebration, etc. are coordinated by Bio Dreams club. Theme oriented activities includes Elocution, Drawing, Poster Presentation, Project Expo and Short film etc. It will inspire the students to participate in various events and to enhance their knowledge. Since, all the club activities are executed by the students; it will give more experience to the students in events organization, time management etc. Club activities aid the students to get rid of stage fear and to develop leadership quality by organizing the activities.





Name of Staff Coordinator: **Mrs.S. Suguna**




Designation: Assistant Professor




Details of Events Conducted for the Academic Year 2022- 23

Duration of Event from Date	Name of Event	Number of Students Participa ted	Photo	About the Event
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26-03-2022	Debate	II year-48		Debates aim to persuade opponents of the correctness of one's position. When agreement is reached or one side proves more convincing, the debate concludes, facilitate problem-solving, innovative thinking, and conceptual understanding in students.
26-03-2022	Solving logical reasoning	III year-35		Logical reasoning skills enhance decision-making, problem-solving, and goal-setting, vital for a stable career. Topics like blood relations and puzzles strengthen critical thinking.
02-04-2022	Self-Introduction	I year-39		Self-Introduction gives students an opportunity to explore their own identity. It builds confidence and enhances one's ability to meet new people and presents themselves well, and comfortable.
09-04-2022	Technical Quiz on Logical reasoning	III year-35		Organizing quiz competitions aims to boost students' technical knowledge, familiarize them with quiz programs, and encourage self-assessment for improvement.

25-03-2023	Connecti on based quiz on Bio- medical field	II year- 39		Biomedical research has recently achieved transformative advancements, reshaping healthcare, as evidenced by students' interactive sessions using connected pictures for technical word learning.
01-04-2023	Seminar on Artificial Intelligenc e In Bio- Medical Field	II year- 39		The seminar aimed to educate second-year students on leveraging AI in healthcare for improved diagnosis, treatment, patient care, and research.
08-04-2023	On Spot Topic about Ventilators	II year- 39		Ventilators, crucial in hospitals and transport, pose risks like pneumonia or vocal cord damage; sometimes used at home with proper training.
29-04-2023	Technical Extempore event TOPIC :Cathode Ray Tube	I year- 55		"BIO DREAMS, a Biomedical Engineering club, conducted a session for first-year students exploring biosensors' role in healthcare advancement."

06-05-2023	Presentation on Signal generator	I year-55		The session for first-year students aims to explore how Generative Models enhance healthcare, covering diagnosis, treatment, patient care, and research.
06-05-2023	Aptitude Assessment Test	II year-39		Aptitude tests assess individuals' inherent strengths, weaknesses, and natural inclinations, guiding career choices, job placement, and educational pursuits.
13-05-2023	Seminar on Cardiology	II year-39		A seminar on Cardiology focused on exploring AI applications in healthcare for second-year students, enhancing their understanding of diagnosis, treatment, and patient care.
27-05-2023	Presentation on Biosensors	I year-55		The presentation on biosensors emphasized their role in measuring biological reactions, offering students insights into memory enhancement and public speaking skills.

27-05-2023	Bio Instrumentation	II year-39		The event aims to educate participants on principles, applications, and advancements in bioinstrumentation, focusing on biology research and medical diagnostics.
03-06-2023	Rhetorical criticism on Microscope	I year-55		Students engaged in microscope activities to enhance understanding, promotes discussion on benefits and challenges, and encourage fearless interaction among peers.
10-06-2023	Power point presentation on Computed tomography	I year-55		Students presented on Computed Tomography (CT) to first-year biomedical engineering students, aiming to enhance understanding and discuss its healthcare applications.
10-06-2023	Mysterious Places in Earth	II year-37		The presentation covered the mysteries of the Bermuda Triangle, a vast area with tales of lost ships and vanished travelers.

29-04-2023	Self- Introducti on	I Year- 55		<p>Self-introduction develops confidence, aiding in meeting new people by breaking the ice and presenting oneself comfortably in various situations.</p>
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