



SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
(AN AUTONOMOUS INSTITUTION)



DEPARTMENT OF BIOMEDICAL ENGINEERING

Name of the activity : Solving technical riddles

Name of the Club : Bioresearch Club

Date / Day of Activity : 27.07.24 / Saturday

Number of Members present : 46

Activity executed (Year / Semester) : II/ III

Number of Students participated : 44

Objective of the Activity : The main objective is to improve creativity, memory and problem-solving skills with good concentration.

Outcome of the Activity : This activity helped the students to work in team to find answer for the riddles and win gifts which motivated them.

Name of the Staff in-charge/ Programme Coordinator		Mrs. T. Logasundari					
Duration & Venue of the Activity							
Date	27.07.2024	Day	Saturday	Duration of Activity	10.55 a.m to 12.35 p.m	Venue / Online Platform	Class room
Details of the Club Members who executed these activities							
S.No	Year / Sem	Name of the Club Members					
1	II year	Gayathri.L Anadhavelan.V Janani.M					
Details of the Class							
Year	II	Semester	III	Total strength of the class	46		
Number of students Present		44		No. of Students Absent		2	
Roll Numbers of Absentees (in order)							
23UBM020 23UBM032							

PURPOSE/DETAILS OF THE CLUB ACTIVITIES & ITS CONTENT

Students from Bio Medical Engineering formed a club name Bioresearch Club. It conducted a technical riddle competition. Students formed four teams among them to solve the given task. The session was conducted to second year students. Main aim is to make the students understand and experience team work along with improving their creativity and memory with more concentration. Two teams were selected and promoted to final level. Finally, one team was announced the winner of the competition. By the end of the session the team was awarded with a gift. By this session all students interacted and had an opportunity to work in teams. The main motto of this was gaining soft skills through these activities.

PHOTO GALLERY OF THE ACTIVITY





DEPARTMENT OF BIOMEDICAL ENGINEERING

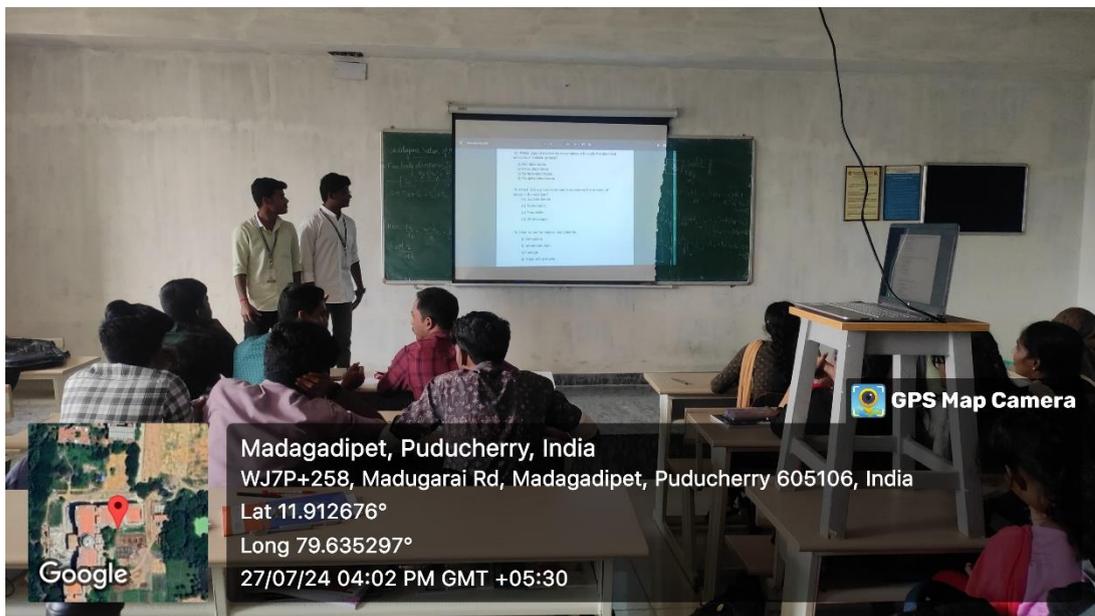
Name of the activity	:	Technical Quiz
Name of the Club	:	Bioresearch Club
Date / Day of Activity	:	27.07.2024 / Saturday
Number of Members Present	:	55
Activity executed (Year / Semester)	:	III/ V
Number of Students participated	:	55
Objective of the Activity	:	<ul style="list-style-type: none">• The aim of a technical quiz is to enhance knowledge and understanding of specific concepts. A team-based quiz helps students share their knowledge with others on the team, promoting teamwork and collaboration.• The primary objective is to spark interest and encourage participants to further research and enhance their technical knowledge. It also raises awareness among participants about advancements in specific fields or concepts.
Outcome of the Activity	:	<ul style="list-style-type: none">• The students actively participate in discussing the questions and sharing their understanding of the concepts, which helps them determine the correct answers.• A technical quiz helps assess students' skills in specific concepts, which helps in refining their abilities.• The ultimate outcome is to showcase the collective understanding & knowledge of the participants in that particular discipline.

DEPARTMENT OF BIOMEDICAL ENGINEERING

DETAILS OF CLUB ACTIVITY

Name of the Staff in-charge/ Program Coordinator		Mrs.T.Logasundari					
Duration & Venue of the Activity							
Date	27.07.2024	Day	Saturday	Duration of Activity	04:00 pm to 04:50 pm	Venue / Online Platform	Classroom
Details of the Club Members who executed this activity							
S.No	Year / Sem	Name of the Club Members					
1	III/V	Gouri Nanda R Abirami V Praveen M Thanigaivel V R Gokularamanan K					
Details of the Class							
Year	III	Semester	V		Total strength of the class	55	
Number of students Present		55		No. of Students Absent		0	
Roll Numbers of Absentees (in order)							
PURPOSE/DETAILS OF THE CLUB ACTIVITIES & ITS CONTENT (500 Words)							
<ul style="list-style-type: none"> • Technical quiz encourages students to showcase their knowledge and work in teams which fosters collaboration among peers with similar interests and assists them in reaching the correct answer. • A technical quiz provides a platform for participants to apply theoretical knowledge to practical scenarios to solve problems. • It can raise awareness about the latest advancements and trends in the field. • Quizzes can foster a sense of healthy competition, motivating participants to perform better and continuously improve their skills. Technical quizzes are conducted to generate interest and enthusiasm for technical subjects among students. • Technical quizzes can highlight specific areas where participants may need additional training or development, helping them to identify their skill gaps. • These activities provide students with opportunities to learn, grow, and develop essential skills that will benefit them both academically and in their future careers. 							

PHOTO GALLERY OF THE ACTIVITY





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DEPARTMENT OF BIOMEDICAL ENGINEERING

Name of the activity	:	Presentation on the ideas for their mini expo
Name of the Club	:	Bioresearch Club
Date / Day of Activity	:	10.08.24 / Saturday
Number of Members Present	:	46
Activity executed (Year / Semester)	:	II/ III
Number of Students participated	:	46
Objective of the Activity	:	The main objective is to let other students know their friends' ideas.
Outcome of the Activity	:	This activity helped the students to know information about their friends' ideas and their way of execution

Name of the Staff in-charge/ Programme Coordinator	Mrs. T.Logasundari
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Duration & Venue of the Activity

Date	09.08.2024	Day	Saturday	Duration of Activity	10.55 a.m to 12.35 p.m	Venue / Online Platform	Class room
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Details of the Club Members who executed these activities

S.No	Year / Sem	Name of the Club Members
1	II year / III Semester	GAYATHRI JANANI ANANDHAVELAN

Details of the Class

Year	II	Semester	III	Total strength of the class	46
Number of students Present	46		No. of Students Absent	0	

Roll Numbers of Absentees (in order)

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PURPOSE/DETAILS OF THE CLUB ACTIVITIES & ITS CONTENT

Students from Bio Medical Engineering formed a club name Bioresearch Club. It made students give the presentation of their projects for the mini expo. The students explained about it and how they got the ideas and so on. These technical activities help the students to gain knowledge about other projects also. They were able to get the gist of other projects. By this session all students interacted and had an opportunity to speak. The main motto of this was gaining knowledge through these presentations.

PHOTO GALLERY OF THE ACTIVITY





DEPARTMENT OF BIOMEDICAL ENGINEERING

Name of the activity	:	Abstract & Idea Presentation
Name of the Club	:	Bioresearch Club
Date / Day of Activity	:	24.08.2024 / Saturday
Number of Members Present	:	55
Activity executed (Year / Semester)	:	III/IV
Number of Students participated	:	55
Objective of the Activity	:	<ul style="list-style-type: none">• The aim of a presentation is to effectively communicate information, research findings, or project outcomes in a visually engaging and concise manner.• The primary objective of an abstract presentation is to share complex ideas, data, and concepts into easily understandable and concise visually appealing format to increase understanding about the project.
Outcome of the Activity	:	<ul style="list-style-type: none">• The students develop concrete understanding through a visually appealing format which promotes curiosity and better comprehension.• Idea presentations lead to discussions and feedback from viewers from which the presenter may receive valuable insights, suggestions, or critiques that can help improve their work or guide future research directions.• The ultimate outcome is to advance the collective understanding, knowledge, and impact of the presentation within a particular discipline contributing to resolving the problems discussed.



DEPARTMENT OF BIOMEDICAL ENGINEERING

DETAILS OF CLUB ACTIVITY

Name of the Staff in-charge/ Program Coordinator		Mrs.T.Logasundari					
Duration & Venue of the Activity							
Date	24.08.2024	Day	Saturday	Duration of Activity	03:10 pm to 04:50 pm	Venue / Online Platform	Classroom
Details of the Club Members who executed this activity							
S. No	Year / Sem	Name of the Club Members					
1	III/IV	Gouri Nanda R Abirami V Praveen M Thanigaivel V R Gokularamanan K					
Details of the Class							
Year	III	Semester	V	Total strength of the class	55		
Number of students Present		55		No. of Students Absent	0		
Roll Numbers of Absentees (in order)							
PURPOSE/DETAILS OF THE CLUB ACTIVITIES & ITS CONTENT (500 Words)							
<ul style="list-style-type: none">• Presentation encourages students to exchange ideas, fosters collaboration among peers with similar interests, and assists them in reaching a solution.• Abstract presentations allow researchers to develop and hone essential skills such as communication, presentation, and visual storytelling, which are valuable for academic and professional growth.• It can also raise awareness about potential health risks and safety concerns that needs to be addressed in the solution.• Reporting on innovations and technological advancements can have economic consequences by attracting investment, promoting entrepreneurship, and driving economic growth in technology-related sectors.• Group discussions simulate real-world scenarios, making them valuable for interview preparation and debate competitions.• Participants learn how to handle disagreements constructively and resolve conflicts through dialogue and compromise.• These activities provide students with opportunities to learn, grow, and develop essential skills that will benefit them both academically and in their future careers.							





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DEPARTMENT OF BIOMEDICAL ENGINEERING

Name of the activity : Technical presentation on the topic
Awareness about blood cancer and stem cell donation

Name of the Club : Bioresearch Club

Date / Day of Activity : 24.08.24 / Saturday

Number of Members : 46

Activity executed (Year / Semester) : II/ III

Number of Students participated : 46

Objective of the Activity : The main objective is to understand the concept of
awareness about blood cancer and stem cell donation.

Outcome of the Activity : This activity helped the students to know information about
the awareness of blood cancer and stem cell donation.

Name of the Staff in-charge/ Programme Coordinator		Mrs. T. Logasundari					
Duration & Venue of the Activity							
Date	24.08.2024	Day	Saturday	Duration of Activity	10.55 a.m to 12.35 p.m	Venue / Online Platform	Class room
Details of the Club Members who executed these activities							
S.No	Year / Sem	Name of the Club Members					
1	II year	GAYATHRI L JANANI M ANANDHAVELAN					
Details of the Class							
Year	II	Semester	III	Total strength of the class	46		
Number of students Present		46		No. of Students Absent	-		
Roll Numbers of Absentees (in order)							
PURPOSE/DETAILS OF THE CLUB ACTIVITIES & ITS CONTENT							
<p>Students from Bio Medical Engineering formed a club name Bioresearch Club. It conducted presentation on the topic Awareness about blood cancer and stem cell donation. Students presented about the topic by each of them handling a topic and explaining them. They explained the details about stem cell donation. These technical activities help the students to gain knowledge on other areas in the field. This presentation helped students gain knowledge on this topic. Especially awareness about blood cancer. By this session all students interacted and had an opportunity to speak. The main motto of this was gaining knowledge through this presentation.</p>							

PHOTO GALLERY OF THE ACTIVITY





DEPARTMENT OF BIOMEDICAL ENGINEERING

Name of the activity	:	Presentation on CRISPR Gene Editing – Precise Gene Editing for a Healthier Tomorrow.
Name of the Club	:	Bioresearch Club
Date / Day of Activity	:	31.08.2024 / Saturday
Number of Members Present	:	39
Activity executed (Year / Semester)	:	II/III
Number of Students participated	:	39
Objective of the Activity	:	<ul style="list-style-type: none">• The aim of a presentation is to effectively communicate information, research findings, or project outcomes in a visually engaging and concise manner.• The primary objective of CRISPR Gene Editing presentation is to highlight the benefits and potential impact of these technologies on patient care and outcomes and to provide an overview of current trends and future directions in healthcare technology.
Outcome of the Activity	:	<ul style="list-style-type: none">• The students develop concrete understanding through a visually appealing format which promotes curiosity and better comprehension.• The students will become aware of the potential of CRISPR to treat genetic diseases, such as sickle cell anaemia, cystic fibrosis, and muscular dystrophy.• The ultimate outcome is to advance the collective understanding, knowledge, and impact of the presentation within a particular discipline. (CRISPR Gene Editing)



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DETAILS OF CLUB ACTIVITY

Name of the Staff in-charge/ Program Coordinator		Mrs.T.Logasundari					
Duration & Venue of the Activity							
Date	31.08.2024	Day	Saturday	Duration of Activity	11:00 am to 11:45 am	Venue / Online Platform	Classroom
Details of the Club Members who executed this activity							
S. No	Year / Sem	Name of the Club Members					
1	II/III	Gayathri L Janani M Mohamed Jasim Y Rajaprakash R					
Details of the Class							
Year	II	Semester	III	Total strength of the class	46		
Number of students Present	39		No. of Students Absent	7			
Roll Numbers of Absentees (in order)							
23UBM007							
23UBM009							
23UBM014							
23UBM028							
23UBM038							
23UBM040							
23UBM046							
PURPOSE/DETAILS OF THE CLUB ACTIVITIES & ITS CONTENT (500 Words)							
<ul style="list-style-type: none">• To inform and educate students about the basics of CRISPR technology, its mechanisms, and applications and involve them in discussions about the ethics, benefits, and risks associated with CRISPR gene editing.• This helps participants in communicating complex scientific concepts, like CRISPR gene editing and participates in discussions and debates about the potential applications and implications of CRISPR technology.• Reporting on innovations and technological advancements can have economic consequences by attracting investment, promoting entrepreneurship, and driving economic growth in technology-related sectors.• Participants learn how to handle disagreements constructively and resolve conflicts through dialogue and compromise.• These activities provide students with opportunities to learn, grow, and develop essential skills that will benefit them both academically and in their future careers.							



Madagadipet, Puducherry, India
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DEPARTMENT OF BIOMEDICAL ENGINEERING

Name of the activity	:	Technical Quiz and Brainstorming Session
Name of the Club	:	Bioresearch Club
Date / Day of Activity	:	31.08.2024 / Saturday
Number of Members Present	:	55
Activity executed (Year / Semester)	:	III/IV
Number of Students participated	:	55
Objective of the Activity	:	<ul style="list-style-type: none">• The aim of a technical quiz is to enhance knowledge and understanding of specific concepts. A team-based quiz helps students share their knowledge with others on the team, promoting teamwork and collaboration.• The objective of a brainstorming session is to encourage creativity, collaboration and sharing of ideas and knowledge among the participants to create a curiosity to further enhance their technical knowledge.
Outcome of the Activity	:	<ul style="list-style-type: none">• A technical quiz helps assess students' skills in specific concepts contributing to the refinement of their abilities.• The students actively participate in discussing the topics and sharing their insights, which helps them and others gain a better understand and gather information.• The ultimate goal is to showcase the collective understanding and knowledge of the participants.



DEPARTMENT OF BIOMEDICAL ENGINEERING

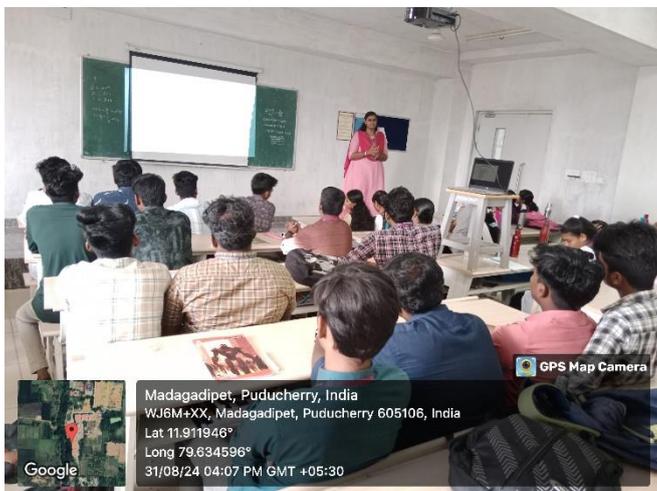
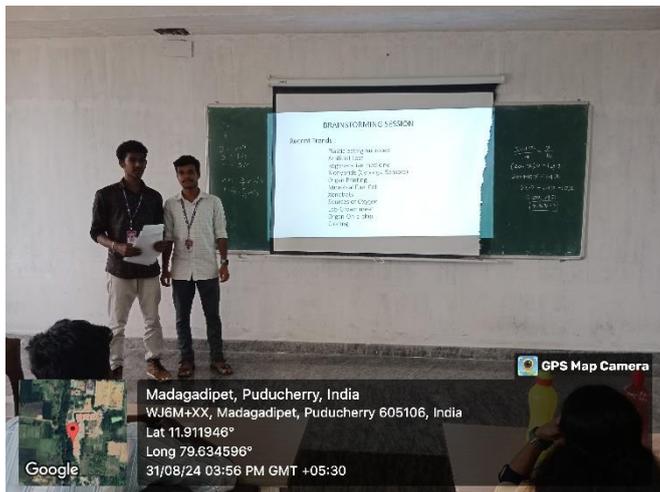
DETAILS OF CLUB ACTIVITY

Name of the Staff in-charge/ Program Coordinator		Mrs.T.Logasundari					
Duration & Venue of the Activity							
Date	31.08.2024	Day	Saturday	Duration of Activity	03:10 pm to 04:50 pm	Venue / Online Platform	Classroom
Details of the Club Members who executed this activity							
S.No	Year / Sem	Name of the Club Members					
1	III/IV	Gouri Nanda R Praveen M Thanigaivel V R Gokularamanan K					
Details of the Class							
Year	III	Semester	V		Total strength of the class	55	
Number of students Present		55		No. of Students Absent		0	
Roll Numbers of Absentees (in order)							
PURPOSE/DETAILS OF THE CLUB ACTIVITIES & ITS CONTENT (500 Words)							
<ul style="list-style-type: none">• Technical quiz encourages students to showcase their knowledge and work in teams which fosters collaboration among peers with similar interests and assists them in reaching the correct answer.• A technical quiz provides a platform for participants to apply theoretical knowledge to practical scenarios to solve problems.• Quizzes can foster a sense of healthy competition, motivating participants to perform better and continuously improve their skills• A brainstorming session can raise awareness about the latest advancements and trends in the field.• It helps in breaking down complex technical concepts or issues to ensure that all participants understand and can contribute effectively.• These activities provide students with opportunities to learn, grow, and develop essential skills that will benefit them both academically and in their future careers.• Giving small prizes and expressions of appreciation can motivate further participation and also encourage others to take initiative in participating.							

QUIZ



BRAINSTORMING SESSION



PRIZES

