



ACS College of Engineering

Approved by AICTE New Delhi, Affiliated to VTU, Belagavi
(A Unit of RajaRajeswari Group of Institutions)

CET Code : E186 COMED-K : E003 PG CET : T918

DEPARTMENT OF BIOMEDICAL ENGINEERING

NEWSLETTER 2023-2024 ODD SEM

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Department of
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BIOMEDICAL DEPARTMENT

DEPARTMENT VISION

To impart quality education to equip students with knowledge and skill to excel in the field of biomedical engineering to shoulder out their professional responsibility towards the future and wellbeing of the society.

DEPARTMENT MISSION

- 1.To adopt innovative teaching and learning methods to disseminate knowledge.
- 2.To facilitate self learning, problem solving, Creative and software skillsthrough practical exposure by internships.
3. To provide the state of the art technical ambience to foster research and development to serve the society by transforming students in to entrepreneurs, professionally ethical engineers.

ABOUT BIOMEDICAL DEPARTMENT

The Department of Biomedical Engineering affiliated to VTU is established in the year 2010 with an intake of 60 to promote the human health through education and research that bridges the gap between medicine and Bio-engineering. Our students will be leading force in the new era of medicine where skills of engineering play a vital role to improve healthcare diagnosis, monitoring and therapy. Biomedical engineers design, installs, inspects, maintain, repair, calibrate the medical equipment's and are employed in Healthcare domains, Hospitals and defense etc....

EVENTS ORGANIZED BY THE DEPARTMENT

SL. NO.	EVENT
1	Seminar on Data Analytics for final year and 3 rd year students on 04.12.2023
2	Biomedical Engineers Day on 6.12.2023
3	Alumni talk on Role of Biomedical Engineers in Hospital Management on 30.12.2023
4	Alumni talk on How to be Industry Ready as a Biomedical Engineer on 06.01.2024
5	Channapatna Crafts Park Visit on 17.01.2024
6	Workshop on Social Entrepreneurship on 25.01.2024
7	Workshop on Biomedical System Design Using Arduino Uno on 5 th and 6 th of February 2024
8	RRMCH Hospital Visit on 14.02.2024
9	Foodie fest on 26.02.2024

EVENTS ORGANIZED BY THE DEPARTMENT

Seminar on Data Analytics for final year and 3rd year students on 04.12.2023



Session by Resource Person

A session focused on industry trends in the job market for Biomedical engineering graduates, including salary packages, the need for master's degrees, and popular postgraduate course options

Biomedical Engineers Day on 06.12.2023



Inauguration



Guest Felicitation



BMI Check Up



Group Photo



Certificate Distribution

The Department of Biomedical Engineering hosted its annual Biomedical Engineering Day on December 6, 2023, featuring a keynote address by Mr. Senthil Kumar.S, Senior Director at GE Healthcare, who discussed industry trends, career readiness, and GE's initiatives in India, followed by technical competitions and health check-up stalls for the entire department.



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#207, Kambipura, Mysore Road, Bengaluru - 560 074, Karnataka

DEPT. OF BIOMEDICAL ENGINEERING

**Organizes Alumni Talk
on Role of Biomedical Engineers in
Hospital Management**

Patron
Dr. A.C. Shanmugam
B.A. LLB, FIMSA, FRCPS (Glasgow, UK)
Chairman, RRG1

Co - Patron
Sri. A.C.S Arun Kumar
B.Tech (Hons), LMISTE., MIET.,(UK), LMCSI.,
Vice Chairman, RRG1



Resource Person
K.DIVYADHARSANI
Biomedical Engineer
Rajarajeswari Medical College & Hospital
(Alumni of BME-Batch 2023)

Dr. S.Vijayanand., M. Tech, Ph.D.
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Dr. Anandthirtha B Gudi
Principal

Dr. S.Selvanandan
Vice Principal, ACSCE

Dr.P.Bhuvaneswari
Prof. & HOD, BME

Mrs.Kaya N
Event Co-ordinator

Date: 30th December 2023 Time: 11.30AM Venue: 3rd Floor Seminar Hall

Event Poster



Session by the Resource Person



Group Photo

The session covered key aspects of biomedical engineering, including medical device handling in hospitals, career paths, distinctions in hospital roles, project ideas, regulatory considerations for medical devices, and the significance of relevant coursework.

Alumni talk on How to be Industry Ready as a Biomedical Engineer on 06.01.2024

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DEPARTMENT OF BIOMEDICAL ENGINEERING
Organizes an Alumni Talk on
How to be Industry Ready as a Biomedical Engineer

Resource Person
Ms. Anarghya K S
Process and Production Lead
GE Healthcare
Bangalore & Freelancer
(Alumni of BME - Batch-2021)

Dr. A.C. Shanmugam
B.E., B.Tech., Ph.D., Dip. Engg. (Design)
Chairman, RRG

Dr. S. Vijayanand., M. Tech, Ph.D.
Executive Director, RRG

Sri. C.N. Seetharaman., I.A.S.(Retd.)
Chief Executive Officer, RRG

Dr. S. Jeyabalan., Ph.D
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Dr. A.K. Mariappan
Rector, RRG

Dr. Anandthirtha B Gudi
Principal, ACSCE

Dr. S. Selvanandan
Vice Principal, ACSCE

Dr. P. Bhuvaneshwari
Prof. & HOD, BME

Ms. Kavya N
Asst. Professor
Co-Ordinator, BME

Date: 06th Jan 2024 Time: 11:00AM Venue: 3rd Floor Seminar Hall

Event Poster



Session by the Resource Person



Group Photo

The session focused on preparing students for successful biomedical engineering careers by exploring industry expectations, potential career paths, relevant job titles, necessary skills and courses, and pathways to gain pre-industry experience.

Channapatna Crafts Park Visit on 17.01.2024




Group Photo



Students Visiting the Crafts

VTU's Biomedical Engineering students embarked on a heritage tour of Channapatna Crafts Park, fostering a connection with the local community and providing valuable insights into the region's history, culture, traditional crafts, and the skilled artisans who uphold these age-old practices.

Workshop on Social Entrepreneurship on 25.01.2024




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DEPT. OF BIOMEDICAL ENGINEERING
Organizing One Day Workshop On
“Social Entrepreneurship”

Patron
Dr. A.C. Shanmugam
B.A., LL.B., FIMSA, FRCPS (Glasgow, UK)
Chairman, RRG1

Co - Patron
Sri. A.C.S Arun Kumar
B.Tech (Hons.), LMISTE., MIET., (UK), LMCSI.,
Vice Chairman, RRG1



Resource Person
Mr. Abhinay Peeta
Founder & Managing Director
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HUMAN WELFARE COUNCIL

Dr. S.Vijayanand., M. Tech, Ph.D.
Executive Director, RRG1

Dr. S.Jeyabalan., Ph.D
Special Officer, RRG1

Dr.A.K.Mariappan **Dr. Anandthirtha B Gudi**
Rector, ACSCE Principal

Dr. S.Selvanandan **Dr.P.Bhuvaneswari** **Mrs. Nagashree Pavan**
Vice Principal Prof. & HOD, BME Co-ordinator

Date: 25th January 2024 Time: 9.00AM - 4:00PM
Venue: 3rd Floor Seminar Hall

Event Poster



Guest Felicitation



Students Interaction



Group Photo

The session focused on social entrepreneurship, covering aspects like starting a business, securing funding, and developing innovative solutions to real-world problems through interactive exercises like newspaper analysis and collaborative problem-solving.

Workshop on Biomedical System Design Using Arduino Uno on 5th and 6th of February 2024



Event Poster

Day 1 →



Students Interaction

The session addressed problem identification in the context of Biomedical systems and covered the process of system design, providing insights into Arduino Uno and other controllers. During the afternoon session, participants engaged in a hands-on session to initiate the design process

Day 2 →



Guest Felicitation



Group Photo

The session aimed to cultivate innovative design thinking in students by guiding them through the biomedical product development process, emphasizing prototype development according to industry standards, and culminating in the issuance of certificates to participants.

RRMCH Hospital Visit on 14.02.2024



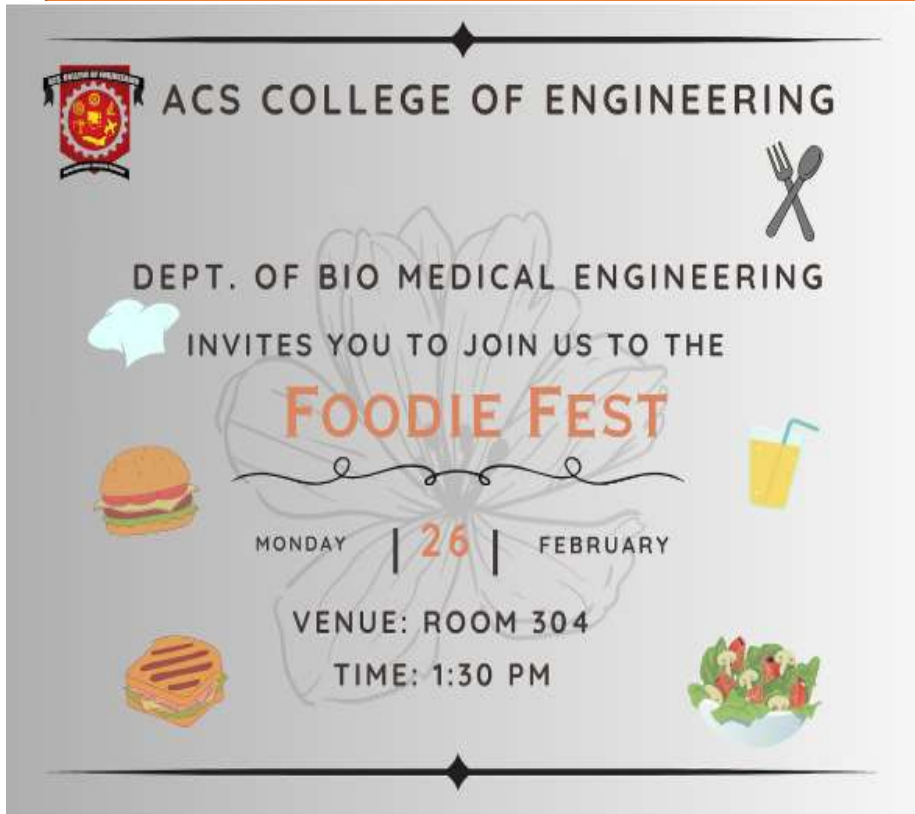
Group Photo



Students Interaction

ACTIVITIES DONE:

- Students were formed into 3 groups.
- Each group had familiarized with the medical equipments such as ECG, Spirometer, Ventilator equipments, Ophthalmic equipments, Audiometer, Baby Incubator, Dialysis machine and its working principle.



Event Poster



Students Preparing Different foods



Group Photo

The Foodie Fest, was organized by the Biomedical Engineering Department, as a part of Social Connect and Responsibility Curriculum(BSCK307) aimed to celebrate diverse cuisines, cultural practices of the city, and indigenous ingredients used in cooking. Students were organized into groups to prepare and share various dishes such as Puttu (a dish from Kerala), Loyalisham (a dessert from Qatar), Dhokla (spongy steamed cakes from Gujarat), Mushroom Biryani, Chapati Pizza, Cheese Rolls, Maggie (Instant Noodles), and Chats.