



A.C.S. COLLEGE OF ENGINEERING

BENGALURU

(Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi and Govt. of Karnataka)

DEPARTMENT OF BIOMEDICAL ENGINEERING

NEWSLETTER

2019-2020 EVEN



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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 skills through 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

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

S.No	EVENT
1	Swatch Bharat Abhiyaan visit to BHEEMAN KUPPE LAKE on 6/03/20 by BME faculty and students
2	1 day WORKSHOP ON Mat lab interface with GUI On 10/04/20 by Rohith Reddy Product specialist Panacea medicals pvt.ltd.
3	2 days Workshop on overview of 8051 Microcontroller on 29/04/20 and 2/05/20 by Akshay Wale,Sr.R&D engineer EM electronics ltd.
4	Technical talk on opportunities for a biomedical engineer On 1/05/20 by Deepak Samantha Product specialist ERBE medical india pvt. ltd
5	Technical talk on “Biomedical Engineer role in healthcare (covid 19 pandemic situation) on 15/06/20 by Archana Sharma product specialist fisher and paykel healthcare, Bangalore
6	Technical talk on Biomedical Job Opportunities in India on 18/05/20 by Harsha L singh Product manager Genworks healthcare pvt.ltd
7	Webinar On “HIGHER EDUCATION IN GERMANY” On 27/05/20 By Ramya MR MS STUDENT Karlsruhe Institute Of Technology, Germany.
8	Webinar on Interview Hacks” on 4/06/20 by Ms. PRERANA V PRASAD Alumni of BME Dept. ACSCE Learning and Development consultant for corporate and student
9	Webinar on “Agile methodology in software developement” on 5/06/20 by Bhagyashree Deshpande Technology lead Infosys
10	Technical talk on python on 23/05/20 by Dr. Karthik Seemakurthy Ph.D (IIT Madras), Research Scientist, TCS Research & Innovation Labs
11	Webinar on Approach To Mathematical Models In AI on 12/06/20 by Mr G.S.Krishna Semiconductor professional and Mr Sri Ganesh Machine learning professional
12	“Virtual Farewell Showing The Virtue Of Biomedical Department On 7/06/20 By All Biomedical Faculty And Students
13	Technical talk on What makes an engineer successful? On 27/06/20 by Rupam Das Founder ,CEO ACCULI labs pvt.ltd
14	Technical talk on Planning for a successful Future on 4/07/20 by Mr.Ramesh kumar CTO,Eduquity
15	Technical talk on Connecting Industries, Institutions and Students on 1/08/20 by Dr. Kalyanam Kannan Director, Center for Test and Data Sciences, Bangalore
16	Technical talk on Dream Your Goals on 4/08/20 by Mr. Christo George CMD, Hykon India

STUDENT ACHIEVEMENTS

Final year students Sajad,Ahammad Shanil.A,Mohammed Adil.A,Mohammed Hisham.M secured Karnataka state council for science and technology (KSCST) fund for their academic project title “A SMART EQUIPMENT FOR PAIN FREE JAW MOVEMENT”



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Congratulations to the Final year **Biomedical Engineering** students for securing Karnataka State Council for Science and Technology (**KSCST**) funds for their Academic project titled “**A SMART EQUIPMENT FOR PAIN FREE JAW MOVEMENT**” under the guidance of **Mr. Hemanth Kumar G**




SAJAD K :1AH15BM017
AHAMMAD SHANIL A :1AH16BM001

MOHAMMED ADIL A :1AH16BM012
MOHAMMED HISHAM M :1AH16BM013

Ms.Varsha final student presented virtual Carnatic classical concert on the instagram page: Itihasa presented by Madhurya Marathon on 12th April 2020

Proud Student of Final year BIOMEDICAL , ACSCE

Congratulations to ACS Nigthingale “Ms VARSHA” for presenting Virtual Carnatic Classical Concert on the Instagram page: Itihasa Presented by Madhurya Marathon on 12th April, Sunday 2020, 4:30 pm.



Sanjana and Noorena Khazi of 3rd year presented paper on COVID-19 precautions, procedures and safety measures in regard to major meta groups



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DEPARTMENT OF BIOMEDICAL ENGINEERING

LOCKDOWN COULD NOT PAUSE OUR RESEARCH ACTIVITIES

We applaud the effort of students Sanjana and Noorena for presenting paper on "Covid-19 Precautions, Circumspection procedures and safety measures in regard to major meta groups" held on 13th & 14th June at GWEST- 2020 jointly organized by BITS VIZAG and IFEP under guidance of Dr. Anitha S.




Sanjana Chavan Noorena Khazi



CET:E186 /COMEDK : E003/PGCET: T918

9008545678
E-mail: amission@acsce.edu.in Website: www.acsce.edu.in

Final year student Megha SB presented a paper on "Post COVID Era-sports in new dimensions: Health and fitness issues" in TCC International Webinar



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DEPARTMENT OF BIOMEDICAL ENGINEERING

RESEARCH on COVID 19

We appreciate the effort of student

Megha SB, final Year Biomedical student

for participating and presenting a paper titled "Post COVID Era- Sports in new dimensions: Health and fitness issues" in TCC International Webinar organized by Tuljaram Chaturchand College of Arts, Science and Commerce, Maharashtra in association with Savitribai Phule Pune University, Pune under the Guidance of

Dr. Anitha S



CET:E186/
COMEDKE003

9008545678

E-mail: amission@acsce.edu.in Website: www.acsce.edu.in

EVENTS ORGANIZED IN THE DEPARTMENT

Swatch Bharat Abhiyaan visit to BHEEMAN KUPPE LAKE on 6/03/20



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Under the BLAZE (Biomedical Students association) Our BIOMEDICAL Students have gotten together with sheer enthusiasm and effort, cleaned plastics, bottles and residual waste which were clogged in the Bheemanakuppe lake shores and harming the lake ecosystem.

Event Conducted : March 6th 2020

Participants : Biomedical Faculties and Biomedical Students.



For Admission contact : 9008545678
www.acsce.edu.in
admission@acsce.edu.in

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Technical talk on “Biomedical Engineer role in healthcare (covid 19 pandemic situation) on 15/06/20 by Archana Sharma



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DEPARTMENT OF BIOMEDICAL ENGINEERING
HOSTING WEBINAR ON
“Biomedical Engineer role in healthcare (covid 19 pandemic situation)”



Resource Person:
ARCHANA S
product specialist
fisher and paykel healthcare,
Bangalore

Date & Time: 15th June 2020 & 2.00PM

Registration link:
https://docs.google.com/forms/d/e/1FAIpQLSensiYE5csDDu0XQRrN6NpGTUu56hw-epAR6sWbxcx8-coVwA/viewform?usp=sf_link

Event Coordinators:
Mrs Surekha Nigudgi
Mrs Gayathri Joshi

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E-mail: amission@acsce.edu.in Website: www.acsce.edu.in

Technical talk on Biomedical Job Opportunities in India on 18/05/20 by Harsha L singh
Product manager Genworks healthcare pvt.ltd



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Manipal, Mysore Road, Bangalore 560 074

DEPARTMENT OF BIOMEDICAL ENGINEERING

Presents online webinar on

“Career Building as a Biomedical Engineer”



Resource Person
Ms Harsha L Singh
Product Manager
GENWORKS HEALTH

DATE: 18/5/2020
MONDAY
TIME : 11AM-12PM

REGISTRATION FREE

E- Certificate will be provided

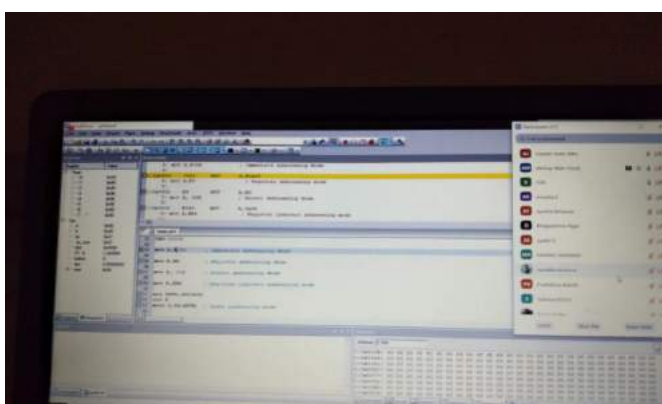
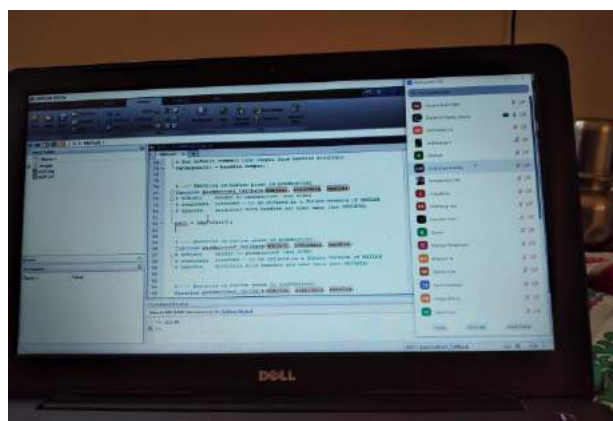
E-mail: hemanthganesh06@gmail.com
Website : www.acsce.edu.in

Faculty Coordinators:
Mrs Nanditha Krishna: 8792608913
Mr Hemanth Kumar G: 7411874462

URL: <https://bit.ly/3h0m0v7>

1 day WORKSHOP ON Mat lab interface with GUI by Rohith Reddy

2 days Workshop on overview of 8051 Microcontroller by Akshay Wale



Webinar on Interview Hacks” on 4/06/20 by Ms. PRERANA V PRASAD



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Presents online webinar on
“Interview Hacks”

To whom ??
Students and Aspirants

NO REGISTRATION FEE

E- Certificate will be provided



Resource Person
Ms. PRERANA V PRASAD
Alumni of BME Dept. ACSCE
Learning and Development
consultant for corporate and
students

DATE: 04/06/2020
Thursday
TIME : 11:30AM-12:30PM

E-mail: acsbme2020@gmail.com
Website : www.acsce.edu.in

Faculty Coordinators:
Mrs Nanditha Krishna: 8792608913
Mr. Hemanth Kumar G: 7411874462

For Admission contact : 9008545678
www.acsce.edu.in
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Webinar On “HIGHER EDUCATION IN GERMANY” On 27/05/20 By Ramya MR



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DEPARTMENT OF BIOMEDICAL ENGINEERING

Presents online webinar on
“HIGHER EDUCATION IN GERMANY”

For whom ?????
UG students and
Engineering Aspirants

E- Certificate will be provided

NO REGISTRATION FEE



Resource Person
RAMYAMR
Alumni of BME Dept. ACSCE
MS student at
Karlsruhe Institute of Technology
Germany

DATE:27/5/2020
Wednesday
TIME : 1:30PM-2:30PM

E-mail: acsbme2020@gmail.com
Website : www.acsce.edu.in

Faculty Coordinators:
Mrs. Nanditha Krishna: 8792608913
Mr. Hemanth Kumar G: 7411874462

Registration Link : https://docs.google.com/forms/d/1-7liirCWWwdg00xPgDC7S04aW6F5g83JQ5AB_h27itHw/edit
Join Zoom Meeting <https://us04web.zoom.us/j/75480073857?pwd=bFZsMElGWVlpTTVMVC9ma1dZRI9NQ0T09>
Meeting ID: 754 8007 3857 Password: 006150

Webinar on Approach To Mathematical Models In AI by Mr G.S.Krishna and Mr Sai Ganesh



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DEPARTMENT OF BIOMEDICAL ENGINEERING

PRESENTS ONLINE WEBINAR ON
APPROACH TO MATHEMATICAL MODELS IN AI

Overview of the webinar

- > AI & constraints
- > Mathematical models over view
- > Relevance of mathematical models to AI applications
- > Brief hands on demonstration of AI in inohmic tech cloud.
- > Inohmic training platform approach to augmenting AI learning in inohmic tech cloud



Resource Person:
Mr G.S.Krishna
Semiconductor
professional



Resource Person:
Mr Sri Ganesh
Machine learning
professional.



12/06/2020
Friday
11:30AM- 1.00 PM

SESSION LINK:
<http://www.inohmictrainingplatform.com/join.html>
(Desktop/laptop Users: can access webinar through the browser
Mobile Users: Download Microsoft teams app)

***E-Certificate**

Faculty Coordinat
Mrs Nanditha Kri
Mr. Hemanth Kum

FREE REGISTRATION : <https://docs.google.com/forms/d/e/1FAIpOLSexrSOxkZHI3Ld6XPkb>

Webinar on “Agile methodology in software development” on 5/06/20 by Bhagyashree Deshpande



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**DEPARTMENT OF BIOMEDICAL ENGINEERING
HOSTING
WEBINAR ON “AGILE METHODOLOGY IN SOFTWARE DEVELOPMENT”**



Resource Person:

Bhagyashree Deshpande
Technology Lead
Infosys Ltd
Over 10 years of industry experience
Certified Scrum Master
PHP CMS senior developer

Date & Time: 5th June 2020

Organizer

Dr. Anitha S, Professor, BME
Event Coordinators:
Mr. Shashidhar Joshi
shashidhar.acsce@gmail.com

Registration link:

<https://docs.google.com/forms/d/1nylxoFTbk7tBDpAPq9XljubMZy9xa4tj1knCZho7lks/edit>

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E-mail: amission@acsce.edu.in Website: www.acsce.edu.in

**Technical talk on Dream Your Goals by
Mr. Christo George CMD, Hykon India**

**Technical talk on python on 23/05/20 by
Dr. Karthik Seemakurthy Ph.D (IIT Madras)**

Rajarajeswari Group of Institutions
Center for Test and Data Sciences

**DREAM
YOUR
GOALS**

Mr. Christo George
Chairman & Managing Director
Hykon India Ltd

LIVE WEBINAR

11 am IST, Saturday
Aug 08, 2020

Zoom ID : 976 8295 6481
Password : 572572

First 500 students logging in thro Zoom will get an opportunity to interact with the speaker directly. The session will be aired LIVE on YouTube for the benefit of all other students.

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Rajarajeswari Group of Institutions
Center for Test and Data Sciences

Dr Karthik Seemakurthy
Ph. D (IIT Madras), Research
Scientist, TCS Research &
Innovative Labs

WEBINAR

**Python Programming for
Image Processing and
Computer Vision
Session 2**

Zoom Meeting ID : 870 5947 9315
Password : 017238
11 am on Saturday, May 23, 2020

First 500 students logging in thro Zoom will get an opportunity to interact with the speaker directly. The session will be aired LIVE on YouTube for the benefit of all other students.

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