



DEPARTMENT OF BIOMEDICAL ENGINEERING
RAJIV GANDHI COLLEGE OF ENGINEERING
NEMILI, SRIPERUMBUDUR, CHENNAI-602105



"When the window opens the world receives"

BIOFEESTRA

EWSLETTER

At a glance:

A peek into the industry-'high-quality ultrasound machines, accessories & spares'

NSS Camp - Empowerment of Volunterism

Learning with fun-
A visit to Sree Chitra Tirunal Institute for Medical Sciences and Technology, Trivandrum

Faculty Achievement International Conference

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BIO MEDICAL



We are living in a period where combining Biomedicine and Engineering is needed to answer many unsolved medical questions.

- Dr. M Madhu, Dept. of Biomedical Engg.



A PEEK INTO THE INDUSTRY

The final, pre final and second years of the Biomedical Department, attended a seminar on 'high-quality ultrasound machines, accessories & spares' presented by Mr. Sharath and Mr. Jestin (Alumni of 2016) from Niranjana Ultrasound India on the 28th of February, 2017 at the Seminar hall. The objective of the presentation was to know about the latest ultrasound refurbishment & servicing technologies in order to provide high-quality machines, accessories & spares. Niranjana Ultrasound India has become the first choice as a service provider among the ultrasound users worldwide. The students were also briefed about the scope of biomedical engineers in today's world.



NSS CAMP



Harithapriya H. (3rd year) and Mohan Raj (1st year) BME Department attended 2-Day Workshop on the theme "Empowerment of Volunterism" organized by AC Tech, Anna University and Rajiv Gandhi National Institute of Youth Development on 2nd March 2017 and 3rd March 2017. They taught the students about the role a NSS member plays in a society, they also taught the students regarding the ancient agricultural methods. The workshop inspired the students to make this earth a better place to live. This exposure gave the students a new insight to be the change.

LEARNING WITH FUN

The 3rd year students went on an industrial visit to one of the top leading biomedical research institute 'Sree Chitra Tirunal Institute for Medical Sciences and Technology Trivandrum' on 4 Feb 2017. They were taught about the production of heart valves and testing of heart valves. They were accompanied by two professors of the department. After the training, students spend their leisure time in few places of Kanyakumari and Kodaikanal.



FACULTY ACHIEVEMENT

Prof. Dr. Madhu M, the Head of Department published a paper in the international journal 'Biomedical Research' on 'A NOVEL APPROACH FOR NEW-BORN AUTHENTICATION AND VERIFICATION USING MULT-BIOMETRIC FEATURES'.

INTERNATIONAL CONFERENCE

Gerthruth J Mary, P Dhivya Bharathi and D John Ruban of the final year attended 2nd IEEE international Conference AEEICB 2017 sponsored by IEEE in Prathyusha Engineering College on 'A NEW IMPLEMENTATION OF MATLAB IN CATHETERIZATION LABORATORY' under the guidance of Prof. Dr. M. Madhu. Their paper was selected one among the best papers presented at the conference.



- National Level Conference :

The students of the biomedical department along with the support of the faculty members are planning to conduct a National Level Conference in the upcoming semester.



BLOOD DONATION CAMPAIGN

Donate your blood. Make a difference!



- Blood Donation Camp:

Voluntary blood donation is a noble deed in this present world where the number of accidents and increasing steeply.

The BME Department along with NSS Club is planning to organize a blood donation camp.

- Project Expo 2k17

Practical knowledge is a very essential to survive in this competitive world. The department is planning to organize the 2nd project exhibition 'BIO - 2k17' in the month of August.



- Hospital Training Sessions

As part of the academic curriculum, the 3rd year students are planning to attend hospital trainings in various hospitals in the city.



- Hands on training

The department is planning to organize hands on training workshop on various biomedical equipments in association with 'NIRANJAN ULTRASOUNDS' to give the students a better view about the industrial aspects.

Farewell

- Farewell to final years

The pre-final years along with the second years are planning to bid a farewell to the final years in the month of March.



ONE DAY VISIT - GLOBAL HOSPITAL

Gleneagles Global Health City, Chennai is a state-of-the-art, 1000-bedded, NABH & Halal certified super specialty tertiary care facility located off the IT highway (OMR) offering world class, advanced health care facilities to people in Chennai, Tamil Nadu and outside. Providing a complete suite of critical care services, the facility is one of India's premier health care destinations.

A group of 49 students of second year visited the global hospital on 15th march 2017 under the guidance of Mr. S. Shankar and Mrs. Mahima. The students observed various departments which include physiotherapy, radiology, thermography, dialyser, ophthalmic and biochemistry lab. Students were given brief study about ECG, X-RAY and dialysis. They procured knowledge about the applications of engineering and technology.



- N. Akshaya, P. Ajith Kumar and A. Priyanka (III YEAR) presented a paper on "ANTI-HIV USING NANOBOT TECHNOLOGY" at the Technical symposium "BIO SPECTRA 2K17" conducted by College of Engineering Guindy.
- S.A. Muthuselvan, V. Dinesh Kumar and F. Arockia Danial (III YEAR) presented a paper on "BRAIN COMPUTER INTERFACE" at the Technical symposium "BIO SPECTRA 2K17" conducted by College of Engineering Guindy.
- S. Nagarajan, S. Naresh and M. Rajendra Kamilas (III YEAR) presented a paper on "BLUE BRAIN TECHNOLOGY" at the Technical symposium "BIO SPECTRA 2K17" conducted by College of Engineering Guindy.
- R. Nandhini, M.A. Muhammed Arsath and Andrea Lissy James (III YEAR) presented a paper on "REPLACEMENT OF LEUCOCYTES BY NANOBOTS" at the Technical symposium "BIO SPECTRA 2K17" conducted by College of Engineering Guindy.
- S. Vijayalakshmi and D. Nivetha presented a paper on "ARTIFICIAL SMALL INTESTINE" at the Technical Symposium conducted by CSE department at RGCE.



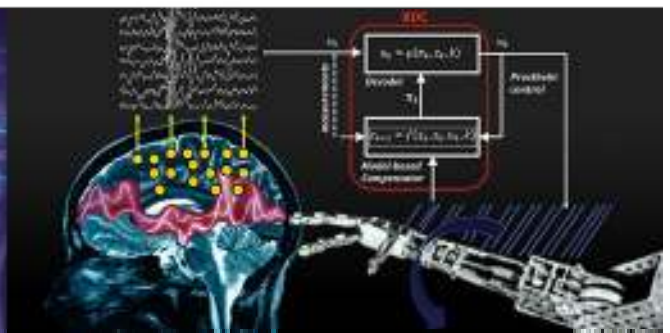
PROJECT EXPO

- S.A. Muthuselvan, S. Nagarajan, M. Rajendra Kamilas and M.A. Muhammed Arsath (III YEAR) demonstrated their project "LOW COST SPIROMETER" at the Technical Symposium "BIOSPECTRA" conducted by College of Engineering Guindy.
- S. Naresh, V. Dinesh Kumar, P. Ajith Kumar and F. Arockia Danial (III YEAR) demonstrated their project "PLETHYSMOGRAPHY - HEART RATE MEASUREMENT" at the Technical Symposium "BIOSPECTRA" conducted by College of Engineering Guindy.



NON-TECHNICAL EVENTS:

- S.A. Muthuselvan and F. Arockia Danial (III YEAR) won 2nd prize at the Non-Technical events at "BIO SPECTRA 2K17" conducted by College of Engineering Guindy.
- H. Harithapriya, J. Jeffrey Christina, Serah Mariam Varghese of III year has participated in Non-Technical event "DIAGNOSE-IT" at "BIO SPECTRA 2K17" conducted by College of Engineering Guindy.
- R. Chandru and G. Balamurugan (II YEAR) won 1st prize at the Non-Technical events at "BIO SPECTRA 2K17" conducted by College of Engineering Guindy.
- R. Deepika, T. Visithra, M. Bhuvaneshwari, A. Aarthi, R.V. Varsha, G. Vinitha, S. Rebekkal Vizhi, P. Swedha, A. Arul Selvi, R. Kanimozhi, D. Nivedha, V. Priya, K. Gajalakshmi, D.C. Shilpa, Udit Ullas, P. Monish, G. Balamurugan, M. Chandru, R. Chandru, M.V. Narendran, R. Ragul Ravi, P. Sarath Kumar, R. Deepak, K. Anbarasu, A. Anand, T. Mahendran, K. Yuvaraj, R. Prabhakaran, S. Ravichandran and J. Jeevanraj of II year has participated in Non-Technical event "DIAGNOSE-IT" at "BIO SPECTRA 2K17" conducted by College of Engineering Guindy.



ANNUAL SPORTS MEET

RGCE annual sports day was held in the college premises from 4th March 2017 to 7th March 2017. The competition was held between different departments of the college. The various events like athletics, cricket, foot ball, basket ball, kabadi, throw ball, volley ball, tennikot, recreation, softball etc were conducted in the college ground. The Biomedical department actively participated with full sportsman spirit and secured many prizes. Among the girls' events the biomedical department won the 'OVERALL CHAMPIONSHIP'

The following are the details:

1500M (Boys)	1st place - Vignesh (Final Year)		
	2nd place - Sujan (3rd year)		
200M (Boys)	3rd place - Naresh (3rd year)		
100M (Boys)	3rd place - Vinoth Raja (Final year)		
Javelin throw (Boys)	1st place - Vinoth Raja (Final year)		
Volley Ball (Boys)	Runner up	100M(Girls)	3rd place - Vinitha (Second year)
		50M (Girls)	1st place - Andrea Lissy James (3rd year)
		200M (Girls)	2nd place - Andrea Lissy James (3rd year)
		Disc (Girls)	1st place - Andrea Lissy James (3rd year)
		Javelin throw (Girls)	1st place - Priyadharshini (3rd year)
		Shot put (Girls)	1st place - Kanimozhi (2nd year)
		Throw Ball (Girls)	Winner
		Tennikot (Girls)	Winner
		Recreation (Girls)	Winner



The Overall individual champion (Girls) was bagged by Andrea Lissy James BME - III yr



WOMEN'S CELL

The Women Cell of the RGCE organized a special programme to commemorate the 22nd International Women's Day on 8th March 2017. The theme for the day was "EQUALITY FOR WOMEN IS PROGRESS FOR ALL". The guest of honor for the day Mrs. Shobha Menon, Journalist and Activist talked about the social, economical, cultural and political achievements of women in the last three decades and also reminded them on their responsibility to achieve gender equality. Various events like Nail art, fashion show, hairstyle designing, rangoli, poster designing, mehendi designing were conducted at various venues in the campus. The Biomedical department actively participated in the events and won prizes.



HOSPITAL TRAININGS AND VISITS

• Aishwini T. , Kamatchi D, Vidhya E, Santhoshima A., Saranya K. and Roopadharshini of 3rd year underwent hands on training in "Biomedical Application" at Harvey, during the period 26 December 2016 to 30 December 2016.

• Anusha R., Nandhini R. of 3rd year went for hospital training to Royappeth Governmnet hospital from 26 december 2016 to 28 December 2016.

• Anusha R, Nandhini R. of 3rd year went for hospital visit to Athipattu Primary Health Care on 29 december 2016.



• Anusha R. , Nandhini R. of 3rd year went for hospital visit to DRR Eye Hospital on 30 december 2016.

• Dinesh Kumar.V and Mohammed Arsath.M.A of 3rd year went for hospital training to Madras Medical Mission Hospital from 14th December 2016 to 27th December 2016.

• Arokia Danial.F of 3rd year attended hospital training in Apollo Hospital from 27th December 2016 to 2nd January 2017.

• Naresh . S, Andrea Lissy James, Harithapriya H , Jeffri Christina John, A . Priyanka, Serah Mariam Varghese and S .Vaishali of 3rd year attended hospital training to Sri Narayani Hospital and Research Center , Vellore from 27 November 2016 to 01 December 2016.

• A. Francis Theresa, M. Esalkarthika, C. Kavipriya, Arulmozhi A., Vasanthi S. and M. Priyadharshini went for a workshop on "Internet of Things" to Saveetha Engineering College from 18 February 2017.

• Anusha R. , Nandhini R. of 3rd year went for hospital training to Cancer Institute, Chennai from 2 January 2017 to 7 January 2017.

• A . Francis Theresa, C . Kavipriya, M . Priyadharshini, M . Isai Karthika went for training on "Functions of Medical Equipments" to Vinayaka Mission University from 24 December 2016 to 31 December 2016



• Muthuselvan S . A, Nagarajan . S, Rajendra Kamilas. M and Ajith Kumar. P of 3rd year attended 10 days training on medical equipments at Meenakshi Medical College and Research institute during the period from 14th December 2016 to 24th December 2016.

STUDENT ACHIEVEMENT

•B. Job Alan of 1st year secured 3rd place by representing South Zone in the Interzonal National Soft ball Championship held at Shajapur (Madhya Pradesh) from 3rd March 2017 to 5 Marh 2017



WE ARE THE DOCTORS OF
MEDICAL EQUIPMENTS..



PLACEMENT DETAILS

RGCE has an active placement cell for providing placement to students in their final year. Training and personality development programs are offered to prepare the students to face interviews and for recruitments. The department is proud to declare that 35 students out of 44 were successfully placed. Students were awarded with multiple offers and a total of 51 offers were sold. The following is the list of companies who entrusted their confidence in the batch of 2013-2017:

- CSS Corp
- V- Dart
- Software Services pvt Ltd.
- Med Health Care
- Team Lease Services
- Intelnet Global Services
- Berezia Services
- Hexware Technologies
- OM Innovation Services
- Vec Technologies



EXTRA CURRICULAR ACTIVITIES

- Akshaya. N (III yr) participated and won third prize in the 'Quote Narration' competition organized by the department of social work, held at RGNIYD on 12th January 2017 on the eve National Youth Day.
- Priyadharshini . M (III yr) won 1st place in the poster designing competition held on International Day for elimination of violence against women & girls organized by Rajiv Gandhi College of engineering & RGNIYD during 25th November, 2016.
- Akshaya. N (III yr) has been placed as a runner in English elocution competition at International Day for elimination of violence against women & girls organized by Rajiv Gandhi College of engineering & RGNIYD during 25th November, 2016.
- Rameshkanna. B (II yr) has been declared as a runner in Tamil speech competition at International Day for elimination of violence against women & girls organized by Rajiv Gandhi College of Engineering & RGNIYD during 25th November, 2016.
- Priya. V (II yr) , Gajalakshmi (II yr) , Prasanth .K (II yr), Sanjay (II yr) , Francis Theresa (III yr) , Evangeline Elvira (III yr) participated in several competition at International Day for elimination of violence against women & girls organized by Rajiv Gandhi College of engineering & RGNIYD during 25th November, 2016.
- Chandru. M (II yr) participated in Inter College softball competition during 12th & 13th February, 2017 at Madras Seva Sadan Hr. Sec. School.
- Priya. V (II yr) , Gajalakshmi (II yr), Bhuvanewaran. P(II yr) has attended a symposium "Krushetra" on 17th & 18th of February at Anna University.
- Shilpa.D.C. (II yr) participated in "TECHNOTRAIT" a technical symposium held at Dhanish Ahmed College of Engineering on 18th February, 2017
- D.Nivetha & S.Vijayalakshmi of final Year participated in a Quiz competition organised by Computer Science department of Rajiv Gandhi College of Engineering.



Doctor or Engineer?
Why not both
'Biomedical Engineer'





CONTACT US:

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