

ACADEMIC CLUB

DEPARTMENT OF BIOELECTRONICS AND BIOSENSORS

CLUB REPRESENTATIVE

S. Maharani (II M.Sc BEBS)

CLUB MEMBERS

N. Sudhan (Research scholar)

P. N. Manikandan (Research scholar)

M. Indumathi (I M.Sc phy spl in biosensors)

K. Sangeetha (I M.Sc phy spl in biosensors)

S. Ramalakshmi (I M.Sc phy spl in biosensors)

R. Rajeswari (I M.Sc phy spl in biosensors)

CLUB INCHARGE

Dr.C.Sekar, Prof & Head

CLUB COORDINATOR

Er. C. Sumathi, Master Technician

CLUB ACTIVITIES

DEPARTMENT SEMINAR (SENSOR FORUM)

Academic Club is organizing Departmental Research Meet (Sensor Forum) for discussion about research work done by staff and student and relevant literature reports on every Wednesday.

1. 31-8-2016, **P. Muthukumar** - Dual Mode Role of Vitamin Bio sensing & Anti microbial activity on Cerium Doped Nickel oxide Nanoflakes .
2. 14-9-2016, **AC.Anithaa** -Highly sensitive and selective serotonin sensor based on gamma ray irradiated tungsten trioxide nanoparticles.
3. 28-9-2016, **N.Sudhan** - Development of sensors based on biosynthesized hydroxyapatite nanoparticles .
4. 2-11-2016, **H. Imran** - Facile and green synthesis of graphene oxide by electrical exfoliation of pencil graphite and gold nanoparticles for non-enzymatic simultaneous sensing of ascorbic acid, dopamine and uric acid.
5. 11-1-2017, **P. N. Manikandan** - Electrochemical glucose sensing at zinc oxide - multiwalled carbon nanotube composite.
6. 25. 1-2017, **KP.Divya** – Ruthenium oxide - Graphene oxide- Single Walled Carbon nanotube Composite for Glucose Sensing.
7. 1-2-2017, **D. Nathiya** - Biosensors and its emergence in biomedical applications.
8. 22-2-2017, **R. Ramya** - Au – Pd bimetallic nanoparticles anchored on α -Fe₂O₃ nonenzymatic hybrid nanoelectrocatalyst for simultaneous electrochemical detection of dopamine and uric acid in the presence of ascorbic acid.
9. 1-3-2017, **P. Thivya** - DNA enhanced on α -Fe₂O₃-PEDOT-C-MoS₂ hybrid nanostructures for Riboflavin detection.

Newspapers and Magazine

Daily News Papers:

1. The Hindu
2. தி இந்து தமிழ்

Monthly Magazines:

1. SADANA “Academy Proceedings in Engineering Sciences” Indian Academy of Science
2. Current Science, Indian Academy of Science
3. Bulletin of Materials Science, Indian Academy of Science
4. Journal of Chemical Science, Indian Academy of Science
5. Journal of Biosciences, Indian Academy of Science

Class Room and Class Notes

Two number of smart class room is maintained by the Academic Club (BEBS504, 505) for the teaching purchases of M.Sc student. The class notes are kept the personal computer for the access of the students.

Internet Facilities:

5 Number of computers are connected with internet for the M.Sc student study purposes.

Class Assignment for communicational skills

For the improving communicational skills of the student are encouraged to attend the class at every Tuesday at 1:15 pm.

National Science Day

National Science Day is conducted on the department as open visiting to all students and public. Our department has been visited by various students from the nearby Karaikudi Schools and Colleges.