



**P.G. & RESEARCH DEPARTMENT OF MICROBIOLOGY  
JAMAL MOHAMED COLLEGE (*Autonomous*)**  
College with Potential for Excellence  
Reaccredited (3<sup>rd</sup> Cycle) with "A" Grade by NAAC  
(Affiliated to Bharathidasan University)  
TIRUCHIRAPPALLI – 620 020.

**Activities of Department of Microbiology (2019 - 2020)**

**Parents teachers meeting was conducted by Department of Microbiology on 21.9.19**



## Quest Club:

The Seminar club meeting was held on 16.09.2019 in the Biotech seminar hall. In this meeting III- B.Sc., I- M.Sc., II – M.Sc., and Faculty members of Department of Microbiology, Jamal Mohamed College took part and participated in the entire events. The whole seminar programs were mastered by Ms. H. Azeema Begum (II M.Sc., Microbiology) and Ms. F. Nowseen banu (III- B.Sc., Microbiology). The club activity was started by quoting few verses from the Holy Quran by Ms. M. Rabiya thul Basriya of III-B.Sc., Microbiology and the Welcome speech were given by Ms. G. Kowsalya of III-B.Sc., Microbiology.

The seminar club events were noted by the reporting committee and the previous report was delivered by Ms. S. Pavithra of I-M.Sc., Microbiology. Then Ms. Tamanna Shafi of I- M.Sc., Microbiology conducted a game named “Connections” on microbiological terms and equipments with the help of I- M.Sc., Microbiology students. Next “Quiz” was conducted between three different groups divided randomly by Ms. S. Kaviya of I- M.Sc., Microbiology. Next a seminar was delivered by Ms. S. Dilsath Sulthana of III-B.Sc., Microbiology on “Bioluminescence” where she mentioned the chemical reaction, advantages and disadvantages of bioluminescence with suitable examples. The final interesting program, Debate was held on the topic “Using an Animal for Clinical Trail is Good or Bad” and it was hosted by Ms. B. Fathima Fahmidha and Ms. N. Nasrin Banu of III-B.Sc., Microbiology. All the students shared their views. Finally the debate was concluded by Dr. A.Khaleel Ahamed sir (HOD), that animal trail was useful to us. On the end, the vote of thanks was given by Ms. M. Seerin Sanofer (III-B.Sc., Microbiology) followed by National Anthem.



**Active Participation of students in QUEST CLUB Activities**

**B.Sc Microbiology Students of Jamal Mohamed College participated in many events and won 3<sup>st</sup> prize in Dumb charades at the FESTOTLE'19 (Wild life week celebration) intercollegiate meet held at PG and Research Department of Zoology, Holy Cross College, Tiruchirappalli - 02 on 13.12.2019.**



# **Microbiology students visit to Department of Remote sensing, Bharathidasan University.**

**Educational visit has its own importance in the career of a student who is pursuing a professional degree. It is considered as a part of college curriculum. The main objective of educational visit is to provide the students an insight of the practical applications of theoretical knowledge. With an aim to go beyond academics a good initiative was taken by Dr.A.Khaleel Ahamed, Associate Professor & Head of the Department of Microbiology, to provide a golden opportunity to the students of III B.Sc and I M.Sc Microbiology to visit the Department of Remote sensing of Bharathidasan University.**

**This educational visit was organised for two days, 07<sup>th</sup> January 2020 for I M.Sc Microbiology students and 08<sup>th</sup> January 2020 for III B.Sc Microbiology students to the Department of Remote sensing of Bharathidasan University which is located in the Khajamalai campus. Dr. K. Palanivel, HOD of Remote sensing, welcomed the faculty members and students with warm greetings. He gave a crisp introduction about “Geo informatics” and briefly shared his knowledge about the remote sensing mechanisms, it was quite interesting to know about various satellites orbiting in different levels of orbit. After a small refreshment break, the students were divided into three groups and accompanied with different staffs to different laboratories.**

**Representatives from M.Tech department of Remote sensing were allotted to guide the students to the various sections of the department. The student representatives were very kind and they enthusiastically shared their knowledge with the students. The first group of students was taken to “Computer GIS lab”, where various electromagnetic spectrum rays were used in devices and they showed the presence of hyper spectral lines for various species which are used to identify different microbes.**

**Then the students were allowed to gaze at the display gallery and geology museum where various types of rocks and its formation were explained. Then the students were explained about the working principle of mirror stereoscope, the students were excited to view the 3D stereopair images. The students were allowed to view orbiting model of satellite and the working principle of different satellites and the interpretation of toposheets were explained. The last session was guided by Associate professor Dr. J. Saravanel who explained about various research projects and clarified the doubts asked by the students. It was very interesting and informative for the students to know about the telecommunication and the vast application of remote sensing devices. They gained new knowledge and learnt new ways to implement remote sensing devices in the field of microbiology. The students showed their eagerness and actively participated in the visit.**

# Microbiology Students Visited Remote Sensing Dept At BDU



**I M.Sc & III B.Sc Microbiology students visit to Department of Remote sensing, Bharathidasan University on 07<sup>th</sup> and 08<sup>th</sup> January 2020**

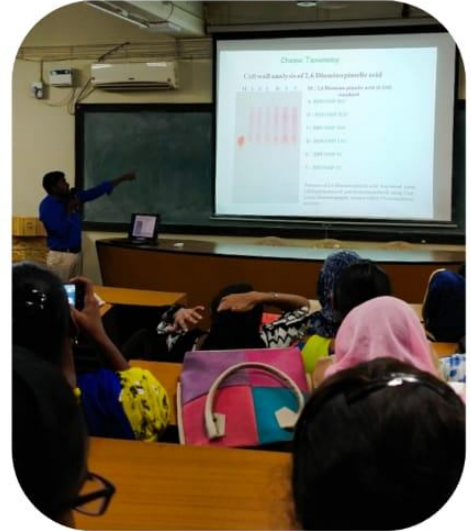


## **Quest Club:**

The Quest seminar club adhered at fourth and fifth hour in the Biotech gallery on 24.01.2020. In this III- B.Sc., Microbiology and I- M.Sc., Microbiology students were associated in all the events. The whole seminar programs were compered by two mistress of ceremony Ms. R. Pooja and Ms. J. Sharmila banu from III- B.Sc., Microbiology. The session was initiated by quoting few verses from the holy Quran by Ms. Z. Safrien (I-M.Sc., Microbiology) and an oral salutation was given by Ms. G. Kowsalya of III- B.Sc., Microbiology.

The seminar club activities were addressed by the reporting committee Ms. A. Kifaya Parveen of III- B.Sc., Microbiology. Ensuingly staff seminar was presented by Dr. P. Sivalingam sir, where he discussed about "*Streptomyces* - A Potential source for new antibacterial and anticancer drug". Thereupon prior quest seminar club event clippings were broadcasted by committee members of I- M.Sc., Microbiology. After that, a "Quiz" was conducted by Ms. R. Jenifer Mary of I- M.Sc., Microbiology. And "Talk a Minute" was conducted by Ms. R. Yogalaksmi (I- M.Sc., Microbiology). Subsequently student seminar was deliberated and presented by Ms. V.N. Navasri of I-M.Sc., Microbiology on "Bio fertilizer" where she specified the production, types and improvement methods in crop production using bio fertilizers. Then Ms. A. Sowndharya of III-B.Sc., Microbiology conducted a game named "Connections" on microbiological terms and equipments. The final interesting program, Debate was accompanied and hosted by Ms. B. Fathima Fahmidha and Ms. N. Nasrin Banu of III- B.Sc., Microbiology in the theme of "Genetically modified food- a Boon or Bane". All the students shared views on their own zeal and our beloved Head of the Department, Dr. A. Khaleel Ahamed, consummate the debate program. Epilogue (Vote of thanks) was given by Ms. G. Kowsalya of III-B.Sc., Microbiology and the session was ended by National Anthem.

## Active Participation of students in QUEST CLUB Activities on 24.01.2020





**III B.Sc Microbiology students visited National Facility for Marine Cyanobacteria (NFMC) in Department of Marine Biotechnology, Bharathidasan University on 28<sup>th</sup> January 2020.**



**The Valediction of Microbiology Association was held on 21.02.2020 delivered by Dr. T. Nandhakumar, M.B.B.S., D.C.H., Pediatrician, Shreya Kids Clinic, Trichy – 620 001**

