



**PG AND RESEARCH DEPARTMENT OF ZOOLOGY
JAMAL MOHAMED COLLEGE (AUTONOMOUS), TIRUCHIRAPPALLI – 20**

**AWARENESS PROGRAMME ON THE ILLEFFECTS OF CARBON
EMISSION TO THE ENVIRONMENT – A REPORT**

Place of visit : Jamal Mohamed College Campus
Date : 27.01.2024
Class : III B.Sc., Zoology
Staff in charge : Dr. M. Meeramaideen & Dr. R. Krishnamoorthy
Total No. of Students: 20

Report Submitted by

Dr. M. Meeramaideen

Assistant Professor, Department of Zoology,
Jamal Mohamed College, Tiruchirappalli.

The Programme:

The PG and Research Department of Zoology, Jamal Mohamed College has planned to conduct an awareness programme on “Carbon emission to the environment” to students of III B.Sc., Zoology. Since the Exonora Club of Jamal Mohamed College, observed **NO VEHICLE DAY** on 27.01.2024 for all staff and students in the campus, Students had the opportunity to know and study the ill effects of carbon emission in the environment chiefly through the automobile they use. The Carbon molecules monitoring Instruments were installed near the college entrance and exit and in a few common places in the campus, a day well before the study to register in carbon content in the ambient environment. Another set of data were also collected on the no vehicle day to observe the change if any in carbon content in the environment which obviously was.

The technical staff who was in charge for recording the event had briefed the functions of the instrument and applications explained well. Our students learned the effects of carbon emission and its impact, and also noise pollution monitoring and their impacts. Students also have a detailed course Environmental biology which includes also the different types of pollution. It was felt imperative that the OBE students must also have experiential learning through this programme. Hence the programme was planned by Dr. M. Meeramaideen and Dr. R. Krishnamoorthy and executed meticulously. Students showed great interest with enthusiasm and were happy seeing to themselves the ill effects of carbon molecules in the environment and understood the reason as to why they should minimize their use of vehicles.

Our Beloved HOD, has taken sincere effort for giving an experiential learning. He requested for permission from our Principal who readily green signaled. Students whole heartedly thanked the College Management, Principal, HOD and the Staff for enlightening these scientific truths and the way and need to maintain the serenity of the environment which claims utmost priority.

The Major Outcomes:

1. Students came by bicycle and public transport on the no vehicle day.
2. Leaned the working principle and uses of the emission monitoring instrument
3. Seen the reduced emission of carbon and other pollutants on No vehicle day.
4. Observed the reduced noise level.
5. Students Knowledge on vehicular pollution and ill effects of carbon were well understood.
6. Students take oath to avoid unnecessary vehicle usage that resulted pollution.



The technical staff bringing about an awareness on carbon free environment and its good impact



Technical staff explaining the functioning of the Dust sampler



Student being imparted the knowledge on the need to minimizing carbon emission.



Our faculty and students at the session keenly observing



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AWARENESS PROGRAMME ON THE ILL EFFECTS OF CARBON EMISSION TO THE ENVIRONMENT

Students Attendance

Class: III. B.Sc., Zoology
Date: 27.01.2024
Total No. of Students: 20

| S. No. | Register No. | Name | Signature |
|--------|--------------|---------------------------------------|-----------|
| 1. | 21UZ0018 | SAMUEL.S | |
| 2. | 21UZ0010 | GAFDOR SALMAN ^{FARVES} c.m.z | |
| 3. | 21UZ0028 | MOHAMED RAHIM. A | |
| 4. | 21UZ0016 | MUNEER KHAN .S | |
| 5. | 21UZ0008 | ASIF ALI .I | |
| 6. | 21UZ0027 | BACARU PUGAN .S | |
| 7. | 21UZ0013 | S. Mohamed Anthyias | |
| 8. | 21UZ0002 | S. Abibkhan . | |
| 9. | 21UZ0003 | M. Abuthalla | |
| 10. | 21UZ0019 | S.M.SHEIK MEERAN | |
| 11. | 21UZ0017 | A. REYASKHAN | |
| 12. | 21UZ0009 | N. BHARATH KUMAR | |
| 13. | 21UZ0020 | T. Thiyagu. | |
| 14. | 21UZ0022 | A. Martin | |
| 15. | 21UZ0023 | B. Tamilselvan. | |
| 16. | 21UZ0024 | J. Ragupathi | |
| 17. | 21UZ0025 | R. VINOTH | |
| 18. | 21UZ0026 | Mohamed AIL Mohamed.P.A | |
| 19. | 21UZ0029 | S. VEKRAM | |
| 20. | 21UZ0001 | J. Aashith | |

Staff in charge 27/1/24

Head of the Department 27