

J.J. COLLEGE OF ARTS AND SCIENCE

(Autonomous)

Re-Accredited by NAAC in Fourth Cycle
(Affiliated to Bharathidasan University, Tiruchirappalli)
JJ Nagar, Sivapuram, Pudukkottai-622 422
Tamilnadu, India.

PG and Research Department of Biochemistry

**Organizes A
Two Day State Level Workshop
On**

*Experimental Animal's Model:
Care, Maintenance and Handling*



Date: 04-05-2022 to 05-05-2022; Time: 10.00 AM

Dr. J. Parasuraman

Principal,

**J. J. College of Arts and Science (Autonomous)
Pudukkottai
Inaugurates.**

Dr. Kavitha Subramanian

Trustee,

**Karpaga Vinayaga Educational Trust
Pudukkottai
Presides.**

Organizing Secretary

Dr. S. Kanitha

**Head & Assistant Professor
Department of Biochemistry**

Chief Guest

Dr. K. Karthikeyan

Assistant Professor

**Department of Food Science and Nutrition
Periyar University
Salem**

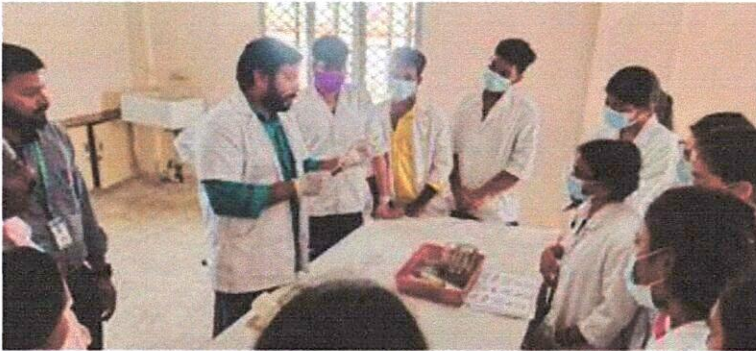




J.J College of Arts and Science (Autonomous)

Sivapuram post, Pudukkottai- 622 422

Department of Biochemistry



Name of the Event : **State level workshop on “Experimental Animal’s Model: Care, Maintenance and Handling”**


Resource Person Details : **Dr. K. Karthikeyan**
Assistant Professor
Department of Food Science and Nutrition
Periyar University
Salem

Date : **04-05-2022**

Total No of Participants : **32**


Head of the Department
Dr.S. ANANTHA DESAI, M.Phil., Ph.D., SET,
ASSISTANT PROFESSOR AND HEAD,
DEPARTMENT OF BIOCHEMISTRY,
J.J. COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)
PUDUKKOTTAI - 622 422.




Principal
Dr.J.PARASURAMAN, M.Phil., M.A., M.C.A.,
M.Phil., B.Ed., Ph.D.
PRINCIPAL
J.J. College of Arts and Science
(Autonomous)
J.J. Nagar, Sivapuram Post.

**J.J College of Arts and Science (Autonomous)
Sivapuram, Pudukkottai**

Department of Biochemistry

**Report on Two-Day State Level Workshop
On
Experimental Animal's model : care, Maintenance & Handling**

The Summer's club of Biochemistry organized a Two-Day state level workshop on "Experimental Animal's mode : care, Maintenance & Handling" on 04/05/2022. Dr. K. Karthikeyan, Assistant Professor, Department of Food Science and Nutrition, Periyar University, Selam.

The Morning session started at 10.30 am. Dr. K. Karthikeyan explained regarding the important features to be taken care of while handling the laboratory animals. He also briefed about the general precautionary steps to be undertaken while dealing with the laboratory animals. He emphasized the importance of *in vivo* studies in the field of research. He impertuned the students to take utmost care of the laboratory animals for better results. The procedure to be followed strictly while handling the laboratory animals were discussed in detail.

The students became aware of the methodologies to be adopted to learn how to properly handle animals. Being professional means being SAFE and HUMANE. Good animal handling skills prevent oneself from being injured. Good animal handling skills reduce stress for the animals also. Understanding the ways in which the common laboratory animal species react, or defend themselves, the procedure that causes pain, or the way by which the animals perceive their safety to be threatened were dealt in detail by the resource person. The pertinent aspects of safe handling and performance of manipulations were taught to the participants. The resource person discussed about the procedure for reporting animal related injuries. Identification of the proper waste disposal procedures in animal facilities was given much importance during the discussion. He also briefed about the definition of zoonoses, and examples of animal infections that can be transmitted to humans. An overall outline regarding the levels of biohazard control, and methods used to minimize biohazard risks were deliberately discussed. Greater emphasis was given towards the sources of animal allergy(ies), the procedures necessary to minimize exposure to animal allergens while collecting and storing the blood sample and urine sample from both the male and female albino rats.

Second day the workshop started at 10.30 am. The resource person gave a detailed demonstration about the steps to be followed while carrying out dissection and harvesting the organs and preservation methodologies of the same thereafter for further studies were dealt in detail. The participants were also made aware of wound healing procedure. t the organs he also tell the

Each and every student learnt to handle the mice. They were made to collect and store the blood sample and the urine sample. The identification and differentiation of male and female rats were also taught. Further the various mode of treatments were demonstrated. The students became aware of complete animal handling, maintenance and care at the end of the workshop.

Students and research scholars from various institutions from all over Tamilnadu took part in the workshop actively. Dr. S. Kavitha, Managing Trustee, Karpaga Vinayaga Educational Trust distributed the certificates to the participants during the valedictory function.

Dr.R.Ramesh, Assistant professor, Department of Biochemsitry delivered the vote of thanks.


Head of the Department


Principal

Dr. S. KANITHA, M.Sc., M.Phil., Ph.D., SET.,
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J.J. COLLEGE OF ARTS AND SCIENCE (Autonomous)
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DEPARTMENT OF BIOCHEMISTRY
ON

“EXPERIMENTAL ANIMAL’S MODEL: CARE, MAINTENANCE AND HANDLING”

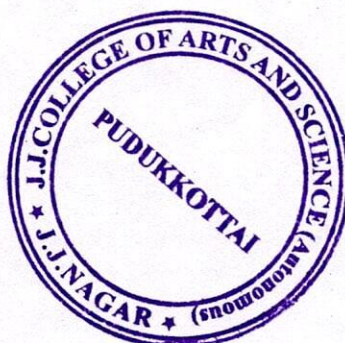
(DATE: 04.05.2022-05.05.2022)

NAME LIST OF PARTICIPANTS

| Sl. No. | Name | Designation | Department |
|--|-----------------------|---------------------|---------------|
| M.I.E.T. ARTS AND SCIENCE COLLEGE, TRICHY | | | |
| 1. | V.SelvaPetchi | II.M.Sc. | Biochemistry |
| 2. | R.Subash Chandra bose | II M.Sc. | Biochemistry |
| 3. | S.NivethaSree | II M.Sc. | Biochemistry |
| 4. | V.Mariyammal | Ph.D Scholar | Botany |
| 5. | K.Vasuki | Ph.D Scholar | Biotechnology |
| 6. | P.GanagaPriya | Ph.D Scholar | Botany |
| 7. | M.Annadurai | Ph.D Scholar | Zoology |
| 8. | K.Vasanthakumar | Ph.D Scholar | Zoology |
| 9. | V.Sathiageetha | Assistant Professor | Botany |
| 10. | R.Rajesh | II M.Sc | Biochemistry |
| 11. | V.Krirshnaveni | II M.Sc | Biochemistry |
| 12. | V.Devi | II M.Sc | Biochemistry |
| 13. | E.Priyanka | II M.Sc | Biochemistry |
| 14. | D.Vasuki | II M.Sc | Biochemistry |
| 15. | R.Sathesh | II M.Sc | Biochemistry |
| 16. | DhevaKirubahMishavel. | II M.Sc | Biochemistry |
| 17. | C.KrithikaPriya | II M.Sc | Chemistry |
| 18. | V.Gokul | II M.Sc | Chemistry |
| 19. | T.Tamilasari | Ph.D Scholar | Biochemistry |
| 20. | K.karthicklal | I. M.Sc. | Biochemistry |
| 21. | C.T.Karthick | II B.Sc. | Biochemistry |
| 22. | R.Varshini | I. B.Sc. | Biotechnology |
| 23. | A.JebaVinoliya | I. B.Sc. | Biotechnology |
| 24. | K.Yogapriya | I. B.Sc. | Biotechnology |
| 25. | M.Dhanalakshmi | I. B.Sc. | Biotechnology |
| 26. | S.Suveena | I. B.Sc. | Biotechnology |
| 27. | R.Dhanalakshmi | I. B.Sc. | Biotechnology |
| 28. | K.Nikitha | I. B.Sc. | Biotechnology |
| 29. | B.Shanmugavel | I. B.Sc. | Biotechnology |
| 30. | S.Sriharinarayanan | I. B.Sc. | Biotechnology |
| 31. | P.Balasubramanian | I. B.Sc. | Biotechnology |


Head of the Department

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