



**AARUPADAI VEEDU
INSTITUTE OF TECHNOLOGY**
OMR, PAIYANOR, CHENNAI - 603104



**VINAYAKA MISSION'S
RESEARCH FOUNDATION**
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DEPARTMENT OF BIOTECHNOLOGY
INDUSTRIAL VISIT REPORT
MEDICLONE BIOTECH PVT. LTD., PUDUPAKKAM, CHENNAI.
29.01.2020

Mediclone Biotech Pvt. Ltd., is a privately owned biotech company specializing on Immunobiotechnology, Diagnostic Biomedicine, started in 1995 in Chennai as a maiden biotech venture by first generation entrepreneurs. Mr. Mathiyalagam, M.D of the company briefed about the speciality and production of the products to the staff members.

Industrial visit:

The second, third and fourth year B.E Biotechnology students along with three staff members started from AVIT for an Industrial visit to Mediclone Biotech Pvt. Ltd., Pudupakkam on 29.01.2020 by 9:30 am. A warm welcome and a brief introduction about Mediclone was given by Mr. Muthuraman, R & D / Quality Control Head. The students were taken to the different laboratories and were explained the various Blood Group Monoclonal Antibodies of Mediclone, produced in-house and development of an alternative technology for the Anti-snake venom serum, as a monoclonal cocktail. He also explained about the need of animal experimentation in ASVS production, Research project for Rabies prophylaxis in underway with the Department of Science & Technology under Ministry of Science & Technology of Government of India.

In house manufactured diagnostic kits like RF (Rheumatoid Factor), CRP (C - Reactive protein), ASO (Anti streptolysin O), RPR (Rapid Plasma Regain), Salmonella (Widal), Liquid biochemistry kits of routine and special parameters like Urea, Creatinine, Sugar Cholesterol, Triglycerides, Na⁺, K⁺ etc, were shown along with Rapid cards of various parameters as strips and cassettes. Anti-Snake Venom Serum (ASVS) Polyclonal/Monoclonal anti snake venom serum of four deadly poisonous snakes of India are produced at Mediclone. The polyclonal and polyvalent anti snake venom serum of Equine origin is manufactured as a therapeutic product for the snake bite victims. Monoclonal rabies serums are under preparation.

This industrial visit made a wonderful insight of the company's manufacturing process to the student's future career.

