



**LADY DOAK COLLEGE, MADURAI**  
(An Autonomous Institution Affiliated to Madurai Kamaraj University)  
"College with Potential for Excellence"  
Re-accredited by NAAC with Grade A  
(3<sup>rd</sup> Cycle : 3.44 out of 4)

**DEPARTMENT OF BIOTECHNOLOGY**

## To Whomsoever It May Concern

This is to certify that Ms.Neha R.Kumar , student of dept. of Biotechnology, Amity University, Madya Pradesh has completed her internship program at Lady Doak College, Madurai from 01.06.19 to 12.07.19 on "Bio-monitoring Of Fish Health Status Based On Immunological Assay"

During this period, her services were found to be satisfactory in carrying out the responsibilities given below

Assisting the research scholars in handling and maintenance of Tilapia fish

Handled fish independently for various bleeding techniques

Dissection of various organs from fish for evaluating immune response

Investigate problems given on immune response of the fish for the given treatment

Seek out various techniques in immunology such as cell mediated assays in finding the immune response of the fish under treatment.

Enthusiastic in learning new techniques such as standardization of DNA and RNA isolation from fish cells from control and treated samples.

Her conduct during the stay with us is exemplary. During her intern period, she has been found sincere, reliable, trustworthy, sociable, pleasant, and can work efficiently in a team.

Supervisor.

*S. Kalavani Prasadashini*  
S. Kalavani

*[Signature]*  
12/07/19

DEPARTMENT OF BIOTECHNOLOGY  
Lady Doak College  
Madurai - 625 002.

*[Signature]*  
Registrar  
Amity University Madhya Pradesh  
Gwalior