

TWO DAYS WORKSHOP ON DNA BARCODES AND LIFE FORM

Organized by

Research Committee and Communicable Disease Research Laboratory (CDRL)

St. Joseph's College (Autonomous)

Irinjalakuda



BROCHURE

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**Hands on
Workshop**

**DNA Barcoding
& its Application in science**

**ON
14th-15th
MARCH
2019**

"DNA barcodes & life forms"

VENUE: RESEARCH BLOCK, ST. JOSEPH'S COLLEGE, IRINJALAKUDA

ORGANIZED BY
RESEARCH COMMITTEE
AND
COMMUNICABLE RESEARCH
LABORATORY [CDRL]
St. Joseph's College (Autonomous),
Irinjalakuda, Kerala, India

Registration fee: For students: St. Joseph's College - Rs 100 /-; others - Rs 500 /-
For Faculty & Researchers : St. Joseph's College- Rs 100 /-; others - Rs 500 /- **NB: The number of participants is restricted to 40.**

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ACADEMIC REPORT
DNA BARCODES AND LIFE FORM

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On 14th and 15th of March 2019, a workshop on DNA BARCODES AND LIFE FORMES was conducted at Research Block, St. Josephs College. The same was conducted by Research Committee and Communicable Disease Research Laboratory of the College. The programme was welcomed and introduced by Dr. Gigi Poulouse, HOD Department of Zoology.

DNA BARCODES is one of the important topics of interest among the biologists. The specificity and accuracy of the same gives a highly reliable data of interest. Science is having such a great importance for DNA Bar-coding. DNA barcoding allows the resolution of taxa from higher (e.g. family) to lower (e.g. species) taxonomic levels, that are otherwise too difficult to identify using traditional morphological methods. Applications of DNA barcoding include identification of new species, safety assessment of food, identification and assessment of cryptic species, detection of alien species, identification of endangered and threatened species, linking egg and larval stages to adult species, securing intellectual property rights for bioresources, framing global management plans for conservation strategies and elucidate feeding niches. DNA barcode markers can be applied to address basic questions in systematics, ecology, evolutionary biology and conservation. The programme was a great success and concluded by the thanks giving of Athira Anand P.

