



# Kristu Jayanti College

**AUTONOMOUS**

**Bengaluru**

Reaccredited 'A' Grade by NAAC | Affiliated to Bangalore University

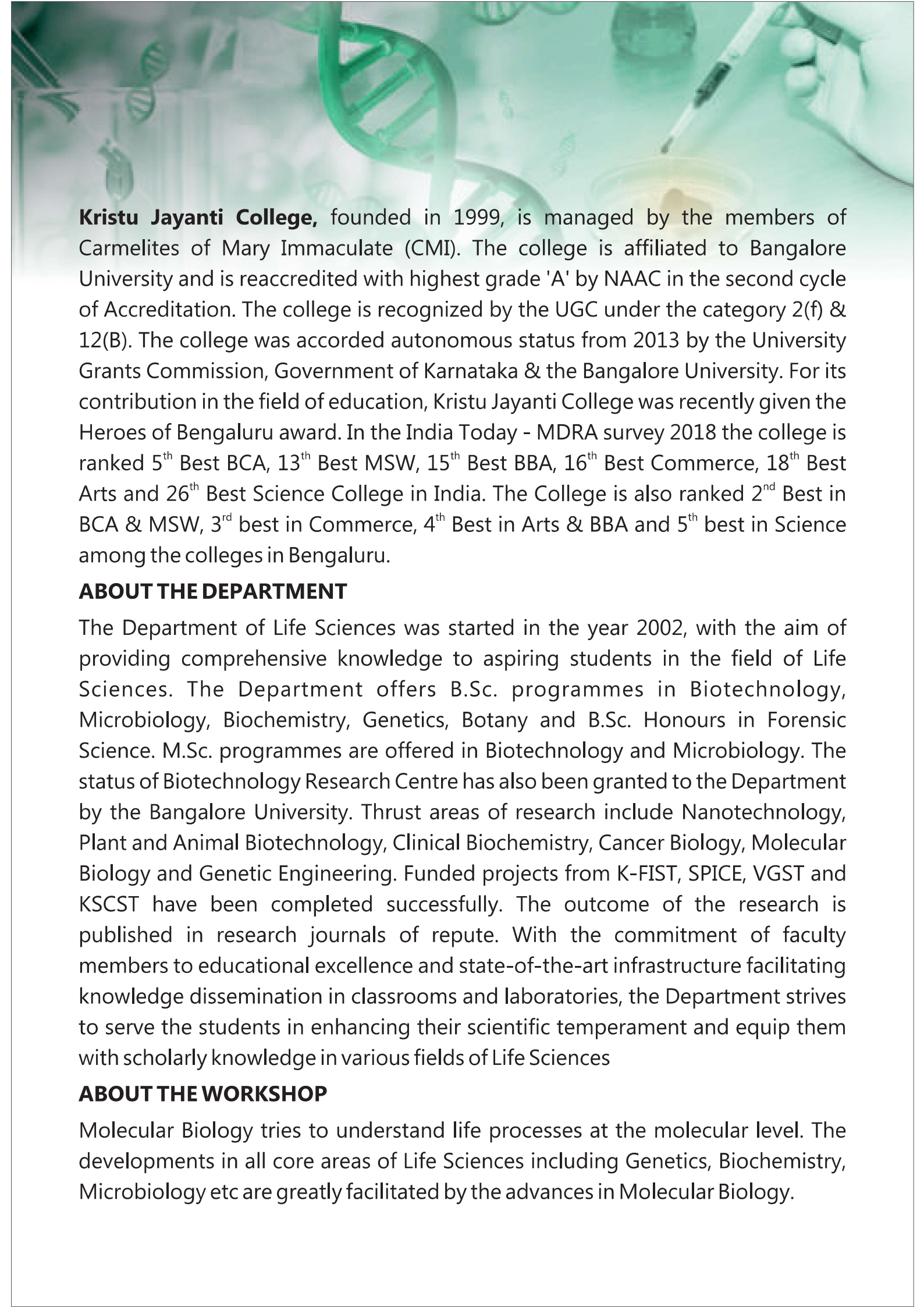
## DEPARTMENT OF LIFE SCIENCES

### Workshop on

# TECHNIQUES IN MOLECULAR BIOLOGY



May 8<sup>th</sup> & 9<sup>th</sup>, 2019



**Kristu Jayanti College**, founded in 1999, is managed by the members of Carmelites of Mary Immaculate (CMI). The college is affiliated to Bangalore University and is reaccredited with highest grade 'A' by NAAC in the second cycle of Accreditation. The college is recognized by the UGC under the category 2(f) & 12(B). The college was accorded autonomous status from 2013 by the University Grants Commission, Government of Karnataka & the Bangalore University. For its contribution in the field of education, Kristu Jayanti College was recently given the Heroes of Bengaluru award. In the India Today - MDRA survey 2018 the college is ranked 5<sup>th</sup> Best BCA, 13<sup>th</sup> Best MSW, 15<sup>th</sup> Best BBA, 16<sup>th</sup> Best Commerce, 18<sup>th</sup> Best Arts and 26<sup>th</sup> Best Science College in India. The College is also ranked 2<sup>nd</sup> Best in BCA & MSW, 3<sup>rd</sup> best in Commerce, 4<sup>th</sup> Best in Arts & BBA and 5<sup>th</sup> best in Science among the colleges in Bengaluru.

### **ABOUT THE DEPARTMENT**

The Department of Life Sciences was started in the year 2002, with the aim of providing comprehensive knowledge to aspiring students in the field of Life Sciences. The Department offers B.Sc. programmes in Biotechnology, Microbiology, Biochemistry, Genetics, Botany and B.Sc. Honours in Forensic Science. M.Sc. programmes are offered in Biotechnology and Microbiology. The status of Biotechnology Research Centre has also been granted to the Department by the Bangalore University. Thrust areas of research include Nanotechnology, Plant and Animal Biotechnology, Clinical Biochemistry, Cancer Biology, Molecular Biology and Genetic Engineering. Funded projects from K-FIST, SPICE, VGST and KSCST have been completed successfully. The outcome of the research is published in research journals of repute. With the commitment of faculty members to educational excellence and state-of-the-art infrastructure facilitating knowledge dissemination in classrooms and laboratories, the Department strives to serve the students in enhancing their scientific temperament and equip them with scholarly knowledge in various fields of Life Sciences

### **ABOUT THE WORKSHOP**

Molecular Biology tries to understand life processes at the molecular level. The developments in all core areas of Life Sciences including Genetics, Biochemistry, Microbiology etc are greatly facilitated by the advances in Molecular Biology.

Molecular processes and molecules such as DNA, RNA, Proteins and lipids that interact and complement to build complex biological systems are comprehensively studied by molecular biologists. Techniques in Molecular biology have become indispensable tools for research in all areas of Life Sciences. It is imperative for Life Science Faculty members to refresh and update their knowledge and skills in the basic techniques of Molecular Biology to be able to contribute efficiently in research and teaching. Keeping this in mind the Department of Life Sciences of Kristu Jayanti College is organising a two days workshop on 'Techniques in Molecular Biology' encompassing the following techniques

Day 1	Day 2
Nucleic Acid Isolation and Analysis	Protein Isolation and Analysis
Polymerase Chain Reaction	Column Chromatography
Molecular cloning	SDS PAGE

## REGISTRATION

- Registrations will be accepted on first come first serve basis until the slots are filled
- Total Slots Available: 15
- Registration Fee: Rs. 2500.00 (Includes Workshop Kit, Lunch & Refreshments)
- Mode of Payment: Demand Draft drawn in favour of "The Principal, Kristu Jayanti College, Bengaluru" / Online Payment (For Account details, contact: Dr. Dileep Francis, Mobile: 9605603260.)
- How to Register: The Registration form for the workshop is sent along with the Workshop brochure. It can also be downloaded from the college website by clicking on the link 'Molecular Biology Workshop'.

A scanned copy of the duly filled registration form is to be sent to [lsevents@krsitujayanti.com](mailto:lsevents@krsitujayanti.com) if the mode of payment is online. If the payment is done by way of DD the registration form along with the DD should be sent to the workshop convenor (Address given overleaf).

- **Last date for registration: 03. 05. 2019**



### Chief Patron

Fr. Josekutty P.D.  
Principal

### Patron

Fr. Augustine George  
Vice Principal

### Advisors

Fr. Lijo Thomas  
Fr. Som Zacharia  
Fr. Emmanuel P.J.

### Workshop Director

Dr. Calistus Jude A.L.  
(Dean, Faculty of Sciences)  
Dr. Elcey C.D.  
(Head, Department of Life Science)

### Workshop Convenors

Dr. Dileep Francis  
Dr. Jemimah Naine

Last date for Registration  
03-05-2019

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For Further Details Contact:

Dr. Dileep Francis

Convenor, Workshop on Techniques in Molecular Biology  
Kristu Jayanti College (Autonomous)

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