

GOVERNMENT COLLEGE RAJAHMUNDRY
DEPARTMENT OF BIOTECHNOLOGY

**TWO DAYS WORKSHOP ON BASIC GENOMICS AND
BIOINFORMATICS**

Faculties of Biological Sciences –BOTANY, ZOOLOGY,BIOTECHNOLOGY & MICROBIOLOGY in collaboration with BOKART India Pvt.Ltd., Bangalore conducted two days workshop on Basic Genomics and Bioinformatics on 29th and 30th JULY 2024 and had an MOU- Memorandum of Understanding.



Workshop Modules

1st module

- ▶ Introduction to genomics
- ▶ Microbial Identification Diversity(Overview)
- ▶ DNA Isolation techniques and its Implications
- ▶ DNA Amplification by PCR Method
- ▶ Sanger Sequencing



2nd module

- ▶ Recap
- ▶ Various tools for sanger sequencing data analysis
- ▶ Various applications of Sanger Sequencing
- ▶ TASKS will be given(some exemplar problems)
- ▶ NCBI submission

About Biokart India

Biokart India leverages state-of-the-art technologies for comprehensive sample processing, encompassing nucleic acid extraction through to informatics. Its services includes tailored support and analysis, ensuring research requirements of a biologist. This firm is committed to deliver exceptional quality and reliability, guaranteeing as the research is handled by highly skilled professionals from the outset.

Resource Persons



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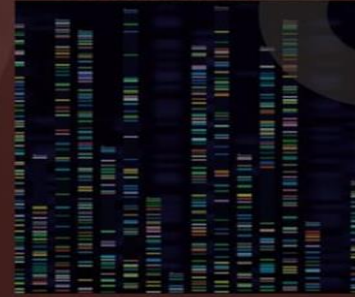
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Two days Workshop on BASIC GENOMICS & BIOINFORMATICS

29 & 30 July 2024

In Collaboration with Biokart
India Pvt.Ltd.,Bangalore



ORGANISED BY
FACULTIES OF BIOLOGICAL
SCIENCES
(BOTANY, ZOOLOGY,
BIOTECHNOLOGY &
MICROBIOLOGY)



About the College

Government College has a rich legacy since its inception in 1853. Government College fosters a vibrant and inclusive community where students are encouraged to explore their interests and talents. We uphold core values of integrity, respect, and social responsibility, instilling in our students a sense of ethical leadership and civic engagement. Our college is not just a place of learning, but a home where students are empowered to shape their futures and make a positive impact on society with quality education.

About the Workshop

Prime up the Skills and immerse participants in the world of DNA technology. This workshop offers an opportunity to impart hands-on training to students; apart from realizing the future perspectives of Molecular Biology, and ameliorate erudition on Genomics and Bioinformatics. It also serves as a platform for capacity building of faculty members.

Chief Patron - Dr.Pola Bhaskar,IAS
Commissioner,CCE,AP

Co-Patrons - Dr.Ch.Krishna
Joint Director,APCCE,Mangalagiri
- Dr.S.Sobha Rani

Regional Joint Director,CE of Zone I & II
Patron - Dr.K.Ramachandra Rao
Principal,GCRJY

Convener - Dr.A.Srinivasa Rao(HOD Botany)
Co- Convenors - Dr.K.Durga Rao (HOD Zoology)
- Dr.B.Nageshwari (HOD Biotechnology)

Organising Secretary - Smt.T.Sony
(HOD Microbiology)

Organising Committee :

Sri N.Nageswara Rao, Department of Botany
Smt.M.V.V.Satyaveni, Department of Botany
Sri K.Gani Raju, Department of Botany
Dr.K.Nagendra Prasad, Department of Botany
Dr.D.Sailaja, Department of Zoology
Sri K.Babu, Department of Zoology
Smt. K.Subhashini Devi, Department of Zoology
Smt.M. Vijaya santhi, Department of Zoology
Dr. K.Anusha, Department of Biotechnology
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29 & 30 July 2024



Department of Zoology &
Central Instrumentation
laboratory, GCRJY





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Government of Andhra Pradesh

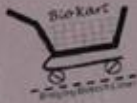
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MEMORANDUM OF UNDERSTANDING (MoU)



BioKart India Pvt. Ltd. Bringing Biotech Closer

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BETWEEN

Departments of Biological Sciences (Botany, Zoology, Microbiology and Biotechnology) Government College (Autonomous), Rajahmundry

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1. The authenticity of this Stamp certificate should be verified at www.stampcert.com or using a Stamp Mobile App of Stock Holding.
2. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
3. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.

