

School of Biosciences caters to students of different learning capabilities

School of Biosciences designs and conducts different programs to advance the learning capabilities of both advanced and slow learners alike. All learners are encouraged to participate in webinars, workshops and hands-on trainings. They are allowed to visit near-by reputed research institutes (eg- RRII) to improve their research and leaning perspectives. A placement cell is functioning in the School for direct placement of students in the industries. Book fests are organized to encourage reading in students.

The advanced learners and slow learners are identified by their classroom performance, examination performance and face-to-face viva voce. The advanced learners are considered to be those with scores greater than 8 out of a 10 point scale. A score of 6- less than 8 are considered medium learners. A score below 6 are considered slow-learners. The advanced learners are provided with innovative projects, special lecture programs by Nobel laureates, other scientists and alumni. Students scoring the highest CGPA in each program are recognized by certificates, scholarships, which are presented annually during Biofest.

Slow learners are given special attention and the teacher-mentors routinely evaluate their performance. They are given additional chances to improve their score by supplementary examinations conducted during the course of the program. Bridge programs are conducted to bring all the students to the same learning platform.

Some of the programs conducted for enhancing the learning capabilities of students are as follows:

1. Erudite lectures by distinguished scientists



2. Merit Awards for Students

The students of all four MSc programmes of the School namely MSc Microbiology/ Biochemistry/ Biophysics/ Biotechnology with highest CGPA are honored with commendations in the annual get together of the biosciences community called Biofest and the highest CGPA scoring student of MSc Microbiology is given an Endowment cash award instituted by the alumni in memory of Dr P C Ravindran former faculty of School of Biosciences.

Ms Roshni Paulose receiving the PC Ravindran Endowment



3. Supplementary and Improvement examinations are conducted for slow learners who fail to achieve the required CGPA. In the case of first and third semester examinations where single valuation of the scripts is done revaluation of the scripts on demand is allowed on paying the stipulated fee in the stipulated time frame.

4. Seminars and workshops

- **Organised a Two day National Programme MISSION 3A – “Awareness on Antibiotic Resistance “on 16th& 17th November 2017 by School of Biosciences Mahatma Gandhi University Kottayam.**

<p>TECHNICAL DETAILS ORAL PRESENTATION: Interested Research scholars should submit 2 pages of extended abstract (MS Word) for oral presentation. Duration of presentation will be 10 minutes. POSTER PRESENTATION: Participation is only for Postgraduate students. An abstract of our page must be submitted. The posters should be of 90x120cm size.</p> <p>Abstracts must be submitted via Email on or before 14-11-2017. Email : mission3a2017@gmail.com Contact number : 9447505690</p> <p>All the abstracts will be published in proceedings .</p> <p>Seperate Prizes will be awarded for best Poster and Oral presentation.</p> <p>REGISTRATION FORM Awareness Programme on Antibiotic Resistance organised by School of Biosciences, MG University</p> <p>Name (Dr/Sr/Smt) :..... Designation :..... Institutional Address:..... Phone Number :..... Email:.....</p> <p>Place : Date : Signature</p>	 <p>Misuse of Antibiotics put all of us at Risk.</p>	<p>MISSION 3A Two day National Programme on AWARENESS AGAINST ANTIBIOTIC RESISTANCE Sponsored by Mahatma Gandhi University & DSE, PUNESE Govt of India</p> <p>16th & 17th November 2017 (Venue :School of Bioscience Auditorium)</p>  <p>Organised by Mahatma Gandhi University School of Biosciences PD Hills, Kottayam, 686560</p> 
	<p>Registration will be Free (seats are limited upto 250) Last date of registration : 14-11-2017 Date of submission of extended abstract : 14-11-2017</p> <p>Contact Number: 9497655293 9847901149 9061747628</p> 	

- **New advances in Biosciences –National seminar 2018**



➤ **Collaborative international seminar- INQUISTIONE 2017**
International Seminar on “RESEARCH CAPACITY BUILDING FOR PROSPECTIVE BIORESEARCHERS” on 20th & 21st December 2017
 organized by Dept of Zoology, KE College Mannanam & School of Biosciences, MG University Kottayam.

Organizing Committee:
 Rev. Fr. Scaria Ethirett CMI, Manager
 Dr. Antony Thomas, Principal
 Rev. Fr. Dr. Joseph Othmaniyal, Administrator
 Rev. Fr. Joby Joseph, Vice Principal
 Sr. Jessy Joseph, HOD
 Ms. Neelha Maria E.G
 Ms. Rose Mary N.J
 Dr. Aggie M. Thomson


All correspondence to:
 Convener:
 Sr. Jessy Joseph
 Mob. 9495034106
 Co-ordinator:
 Ms. Rose Mary N.J
 Mob. 9605757287
 Email: keczooogy@gmail.com

REGISTRATION FORM

Name : _____
 Status : Indian / Foreign
 Category : Student/ Faculty/ Research Scholar
 Designation : _____
 Department : _____
 Institution : _____
 Town/City : _____
 Country : _____
 Phone : _____ Fax : _____
 E-mail : _____


Will shall be attending conference: Yes / No
 Will shall be presenting a paper: Yes / No
 Registration fee enclosed: _____
 Amount : _____
 Accommodation required in Hostel: Yes / No
 Vegetarian/Non-Vegetarian : _____
 (Please strike out whichever is not applicable)
 You can also send the same information by email to the convener:
 Sr. Jessy Joseph
 Convener,
 H.O.D department of Zoology
 Email: keczooogy@gmail.com/keczooogy@gmail.com

Signature _____




DEPARTMENT OF ZOOLOGY
KURIAKOSSE ELIAS COLLEGE, MANNANAM, KOTTAYAM
 RE-ACCREDITED BY NAAC WITH 'A' GRADE
 Affiliated to Mahatma Gandhi University

INQUISTIONE 2017
INTERNATIONAL SEMINAR
 ON
“Research Capacity Building for Prospective Bioresearchers”
 ON
20th & 21st
December 2017



Organized by
 Department of Zoology, K.E. College, Mannanam
 &
 Department of Biosciences, MG University, Kottayam

Venue: New Seminar Hall



- **Bioinformatics Workshop for M.Sc students conducted in the Bioinformatics Facility funded by the state plan fund 2017-18**



TWO DAY BIOINFORMATICS WORKSHOP FOR M.Sc. STUDENTS

ORGANIZED BY
CENTRE FOR BIOINFORMATICS
SCHOOL OF BIOSCIENCES
INAUGURATION - 26th AUGUST, 2019
Time: 10 AM
VENUE: SBS AUDITORIUM

<i>Welcome</i>	: Dr. Radhakrishnan E K	
<i>Inaugural speech</i>	: Prof. (Dr.) Jayachandran K	
<i>Felicitations</i>	: Prof. (Dr.) Keerthi T R	
	Dr. Linu Mathew	
<i>Brief note on the program</i>	: Jilna Babu	
<i>Vote of Thanks</i>	: Celene Francis	
	Coordinators :	Dr. Radhakrishnan E K
		Ms. Resmi SS
	Conducted by :	Jilna Babu B
		Celene Francis

Workshop Schedule:

August 26, 27 (M.Sc. Biochemistry and M.Sc. Biophysics)

August 29, 30 (M.Sc. Biotechnology)

September 2, 3 (M.Sc. Microbiology)

Topics: Bioinformatics Databases

Pairwise and Multiple Sequence Alignment

Phylogenetic tree construction

Prediction of Physical and Chemical properties, Secondary Structure of Protein

Visualization and Identification of Molecular structures

Identification of Protein Binding Site Regions

Prediction of Transmembrane Helices in Protein

ORF finding and Translation

ALL ARE WELCOME

- **PAIR-Programme an Industry Academia Linkage**
PAIR programme being inaugurated by Hon.VC





Industry-Government-Institute Collaboration Meggenome-Biosciences-KSCST



- Indo Japanese Programme on interactive workshop on global environmental sustainability coordinated by Prof.Dr.J.G.Ray Inaugurated by Hon.VC



5. Placements drives



**BIOTECHNOLOGY AND
BIOPHARMA SKILL
ENHANCEMENT PROGRAMME
(B2SEP)**

Organised by
School of Biosciences
Mahatma Gandhi University, Kottayam

Conducted by
**SciGenom Research Foundation
(SGRF)**
&
**And Kerala State Industrial
Development Corporation (KSIDC)**

**On 22nd October 2019
Time: 11AM**

Recruitment test for Biotechnology & Biopharma Skill Enhancement Programme (B2SEP)

Salient features of the programme:
Vision & Mission: To train and develop an industry-ready talent pool for sustainable growth and global competitiveness of Indian bio-economy.
Core values:

- 1. Transformation by leveraging:** Transform the biotechnology sector by leveraging the advantage of India and industrial skills to fill the talent deficit.
- 2. Empowering through Innovation:** The graduate students will be empowered by enabling them to think and learn for innovative healthcare environment in India.
- 3. Conserve and Connect:** By conserving the scientific temper, talent and connecting the graduates to potential opportunities we can maximize the growth of the industry as well as the country.

Duration: 6 Months
Scholarship: INR 15,000/- month.
Eligibility:

- ONLY Post Graduates in the discipline of Biotechnology, Biochemistry, Microbiology, Biophysics, Pharmaceutical Chemistry etc. will be considered for the programme.
- This course is meant ONLY for those students who are looking for immediate employment and not for those who are keen on pursuing higher studies, research etc.

Chief guest – Dr. CN Ramchand
CEO&CSO MagGenome Technologies Pvt Ltd, Cochin
Chaired by- Prof (Dr.) Jayachandran K
Director, School of Biosciences
Coordinator- Dr. Radhakrishnan EK

Job Fair 2018



6. Open Day

Students are actively participating in Open Day for the general Public. Open Days are organized to showcase the university and to develop scientific temper and ability for knowledge dissemination



7. Journal club

Periodic Classes and lectures are hosted by the journal club of the School about novel scientific findings and research interest of the faculty and notable alumni of the School.

- Scientific talk *arranged by Journal Club on 22nd NOV 2017 in School Of Biosciences, MG University Kottayam at 11.00 am on “STRUCTURAL BASIS OF MYCOBACTERIAL INHIBITION BY NATURAL PRODUCTS TARGETING CLPC1” by Dileep Vasudevan, Institute of Life Sciences, Bhubaneswar 751023, Odisha State, India.*
- . Presentation: Held on 18 October 2017 was made by Gireesh Kumar (PhD Scholar, Ariel University, Israel & Alumni SBS) and the topic was ‘Epithelial Sodium Channels’ it was an interactive session student’s discussion on topics like pursuing PhD abroad.

Presentation : by Gireesh Kumar K (SBS aluminus, PhD scholar at Ariel University, Israel) on Epithelial Sodium Channel

18 Oct 2017
Journal Club @ SBS



Presentation: by Mary Theresa (II M Sc Microbiology SBS) on Hsp90 chaperone network modulates Candida virulence traits