

# DEPARTMENT OF BIOCHEMISTRY

EMEA College Kondotty

## Action Plan 2021 – 22

### Inputs and Guidelines – Template

Sl No	Name of the Programme	Programme Details	Objective	Outcome	Date
1	International/National Seminars/Webinars/ Workshops	1. A webinar one 'Neurophysiology'  2. webinar/Seminar on Electrophysiology  3. Webinar on IPR/ Research Methodology	To review the molecular mechanisms of neuronal transmission and different neuronal disorders  To expose the students regarding the importance of electrophysiology in biological research and its different approaches.  Create awareness about IPRs, especially patents and copy rights.	Better understanding of neuronal transmission and the reasons for different neuronal disorders  Students will learn basic electrophysiological techniques and its potential application in biological research.  Student will be gained knowledge Importance of IPR Intellectual Property and their types. Patents, patent for technical invention, process of patent protection etc.	December 2021  February 2022

2	Soft Skill Training				
3	Extension Activity	<i>'Suchitham Namukkoruseelamakkam'</i> an awareness programme on cleanliness for Lower Primary School students	To impart lower primary students regarding the importance of cleanliness in day to day life and to teach them good practices to maintain cleanliness. Classes will be handled by second and final year students under the guidance of department faculties	Students will attain best practices to be followed for cleanliness.	October
4	Best Practice	Clinical lab training for final students  Department level seminar by faculties and students	Selected students of V <sup>th</sup> and VI <sup>th</sup> semester students were given one month on hand training in Clinical Biochemistry in reputed clinical laboratories  To improve the presentation skills of students and also to enhance their knowledge in the subject concerned,	On hand experience of different Clinical tests and also about clinical lab management.  Will boost students confidence and presentation skills	October 2021  September  2021
5	Certificate Courses	Certificate course on 'Toxicology of food additives'	To teach the students regarding the toxicity of different chemical food additives	Students will know what type of food additives should be avoided for better health.	
6	Duty Chart	<b>Submitted separately</b>			

7	Department Level Orientation for Higher Education	1.Webinar on 'Summer Research Fellowships: What You Need to Know'  Orientation for competitive examinations	To familiarize under graduate students regarding the various fellowships offered by different Universities and Institutes. Also to give guidance to students how to write summer training projects.  How to prepare for food safety officer examination	To motivate students for applying different summer training programmes which will enhance their research skills.	June 2021
8	Bridge Course		Overview of different Biosystems -emphasizing its biochemical aspects, It also give emphasis to discuss the newly introduced programme and the question pattern.	Better understanding about Biochemistry and thereby reducing the academic lag period	Immediately after Ist sem admission
9	Mentor – Mentee List	<b>V sem</b>	1-30 Zaheera Banu NK  31-45 Muhsina Jasmin		