,À0vÀC<sup>-</sup>ÉÆÃ<sup>2</sup>AiÀÄ,ï PÁ<sup>-</sup>ÉÃdÄ (,ÁéAiÀÄvÀÛ) ªÀÄ0UÀ¼ÀÆgÀÄ– 575 003 www.staloysius.edu.in



## Re-accredited by NAAC with 'A' Grade with CGPA 3.62/4 Recognised by UGC as "College with Potential for Excellence" Conferred "College with "STAR STATUS" by DBT, Government of India. Centre for Research Capacity Building under UGC-STRIDE

## ZOOLOGY B.O.S MEETING - 2021

Board of studies meeting was held on Thursday 18<sup>th</sup> of November 2021 in the room X 205 of the Department of Zoology, St Aloysius College, Mangalore.

Agenda

1. Review the NEP Zoology syllabus effect from academic year 2020

The NEP Zoology syllabus for I B.Sc. degree course was discussed and suggestions provided by the Board members were incorporated. The changes have been approved by the members of board of studies.

Following members were present at the meeting

	Members Present	Nature of representatoion	Signature
1	Dr Siby Philip	Subject Expert	PRESENT ONCINE
2	Dr. Sham Prasad Varija Raghu	Subject Expert	- Gurd
3	Dr. Nagarathna K A	Vice Chancellor's Nominee	Elha
4	Conrad Charles I P	Industrial representative	ch.
5	Dr Sudeep Ghate	Meritorious aluminous	Judep

Internal members

1	Dr. Hemachandra	Chair person	Ree
2	Mr. Hariprasad Shetty	Zoology Staff	ag-
3	Ms. Karen T. D'Souza	Zoology Staff	NBSENT
4	Mr Kiran Vati K	Zoology Staff	Vissan b
5	Dr Rachana B Rai	Zoology Staff	ton
6	Mr Glavin T. Rodrigues	Zoology Staff	SP8

## BOS CHANGES 2021-22

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Zoology Core Course Content For II Semester BSc Course Title: Biochemistry and Physiology	<ul> <li>Chapter 5. Digestion and Respiration in humans</li> <li>Structural organization and functions of gastrointestinal tract and associated glands.</li> <li>Mechanical and chemical digestion of food; Absorptions of carbohydrates, lipids, proteins, water, minerals and vitamins; Physiology of trachea and Lung.</li> <li>Mechanism of respiration, Pulmonary ventilation; Respiratory volumes and capacities; Transport of oxygen and carbon dioxide in blood, Respiratory pigments, Dissociation curves and the factors influencing it;</li> <li>Control of respiration.</li> </ul>	<ul> <li>https://vlab.amrita.eduhttps://sites.dartmouth.edu/</li> <li>Chapter 5. Digestion and Respiration in humans</li> <li>Added <ul> <li>Metabolic disorders - obesity, Kwashiorkor, Marasmus.</li> <li>Respiratory disorders- asthma, pneumonia, occupation related lung diseases</li> </ul> </li> </ul>
	Chapter 6. Circulation and Excretion in humans <ul> <li>Components of blood and their functions;</li> <li>hemopoiesis</li> <li>Blood clotting: Blood clotting system, Blood groups:</li> </ul>	Added Chapter 6. Circulation and Excretion in humans
	<ul> <li>Blood clothing: Blood clothing system, Blood gloups: Rh-factor, ABO and MN</li> <li>Structure of mammalian heart</li> <li>Cardiac cycle; Cardiac output and its regulation, Electrocardiogram, Blood pressure and its regulation</li> <li>Structure of kidney and its functional unit; Mechanism of urine formation</li> </ul>	<ul> <li>Circulatory disorders - Anaemia, atherosclerosis, myocardial infarction.</li> <li>Excretory disorders- Renal calculi, uremia,</li> </ul>
	Chapter 7. Nervous System and Endocrinology in	

Rec. 10/11/2020

