


K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode

Department of Biochemistry (PG)

LOCAL/NATIONAL/REGIONAL/GLOBAL

COURSE CODE	COURSE NAME	NEED				REMARKS
		Local	National	Regional	Global	
18PBCM102	Core II: Analytical Biochemistry		✓		✓	To demonstrate advanced knowledge and understanding the applied concepts of analytical techniques.
18PBCM104	Core IV: Molecular Biology		✓		✓	To get a complete insight on molecular mechanism of replication, transcription and translation of the genetic material.
18PBCM105	Core V: Cellular Biochemistry		✓		✓	To provide an insight on biology and genetic basis of cancer .
18PBCMP101	Core Practical I: Analytical Biochemistry and Molecular Biology		✓		✓	To understand the basic concepts of techniques in isolation, identification and estimation of biomolecules.
18PBCEL201	Recombinant DNA Technology		✓		✓	To understand the concept of rDNA technology and to acquire a comprehensive knowledge about the cloning and expression strategies.
18PBCEL202	Food Processing And Quality Control		✓		✓	Helps the students to understand the biochemical processes of food and the role of Food additives and colors in food.
18PBCMBI201/ 18PBCBTI201	IDC I: Diagnostic Biochemistry	✓	✓	✓		
18PBCM301	Core VIII: Clinical Biochemistry		✓		✓	To impart a thorough knowledge about the biochemical basis of various diseases and disorders to the learners.
18PBCM302	Core IX: Biostatistics and Research Methodology		✓		✓	Learn the strategies of research field and also to provide knowledge to understand the role of statistics in research.
18PBCEL301	Molecular Immunology and Immunotechnology		✓		✓	To make the students aware of the physical, chemical and physiological characteristics of the components of the immune system and applications of immunotechniques.
18PBCEL302	Molecular Genetics				✓	To gain knowledge on the Behavioral basis of different organisms .


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18PBCMBI301/ 18PBCBTI301	IDC II: Pharmaceutical Biochemistry	✓	✓	✓		To enable the students to learn about Pharmacodynamics and pharmacokinetics of drugs.
18PBCMBIP301/ 18PBCBTIP301	IDC Practical II : Pharmaceutical Biochemistry	✓	✓	✓		To enable the students to understand the basic concepts in extraction, screening, quantification process of secondary metabolites.

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