

KONGUNADU ARTS AND SCIENCE COLLEGE (Autonomous)**COIMBATORE-641 029.****PG DIPLOMA IN BIOINFORMATICS****Curriculum & Scheme of Examination under CBCS***(Applicable to Students Admitted from the Academic Year 2021-2022)*

Subject Code	SUBJECT	Instruction Hours / cycle	Max. Marks			Exam Duration (hrs)	Credits
			CIA	ESE	Total		
21PDBI101	Core Paper 1 - Essentials of Bioinformatics	15	25	75	100	3	3
21PDBI102	Core Paper 2 - Programming in C	15	25	75	100	3	2
21PDBI1CL	Core Practical I	10	40	60	100	3	1
21PDBI1CM	Core Practical II	10	40	60	100	3	1
	Project & Viva voce	10	-	-	-	-	-
	Total	60	-	-	400	-	7
21PDBI203	Core Paper 3 - Cheminformatics, Molecular Modeling and Drug Designing	15	25	75	100	3	3
21PDBI204	Core Paper 4 - Python Programming	15	25	75	100	3	2
21PDBI2CN	Core Practical - III	10	40	60	100	3	1
21PDBI2Z1	Project & Viva voce	20	20	80	100	3	3
	Total	60	-	-	400	8	9
	Grand Total				800	16	16

Note:

CBCS - Choice Based Credit System, **CIA** - Continuous Internal Assessment **ESE** - End of Semester Examinations

COMPONENTS OF CONTINUOUS INTERNAL ASSESSMENT

Components		Marks	Total
Theory			
CIA I	75	(75+75 = 150/10) 15	25
CIA II	75		
Assignment/Seminar*		5	
Attendance		5	
Practical			
CIA Practical		25	40
Observation Notebook		10	
Attendance		5	
Project			
Review		15	20
Regularity		5	

*In courses where group discussions /activities/case studies are given. This may be considered in place of assignments.

BLOOM'S TAXONOMY BASED ASSESSMENT PATTERN

K1-Remember; K2-Understanding; K3-Apply; K4-Analyze; K5-Evaluate

1. Theory Examination - Part I, II& III**(i) CIA I & II and ESE:75 Marks**

Knowledge Level	Section	Marks	Description	Total
K1 – K2 Q1 to 10	A (Answer all)	10 x 1 = 10	MCQ	75
K2 – K5 Q11 to 15	B (Either or pattern)	5 x 5 = 25	Short Answers	
K2 – K5 Q16 to 20	C (Either or pattern)	5 x 8 = 40	Descriptive / Detailed	