

**(Abstract)**

New Generation Programmes started in Affiliated Colleges-- M.Sc. Plant Science with Bioinformatics Programme under Credit Based Semester System Modified - Incorporating Credit and Mark Distribution in the scheme part - Implemented w.e.f.2021-22 admission- orders Issued.

**ACADEMIC C SECTION**

Acad/C2/6474/NGC/2021

Dated: 01.08.2023

Read:-1 U.O Acad/C2/6474/NGC/2021 dated 16.08.2021

2. E mail dated 17.07.2023, from Convener, Expert committee for drafting syllabus of MSc Plant Science with Bioinformatics Programme dated 17.06.2023

**ORDER**

1. As per paper read (1) above, the Scheme, Syllabus & Model Question Papers of the M.Sc. Plant Science with Bioinformatics programme (CBSS) at Payyannur College were implemented w.e.f 2021-22 admission
2. The Head, Department of Botany, Payyannur college, Payyannur has intimated that there is no provision for the entry of the internal marks for the courses PSB4P05 Project/Dissertation & PSB4P06 General / Course Viva Voce. The Examination Branch also intimated that unlike theory/practical, mark distribution of these courses cannot be taken from the model question paper as model question paper of these courses are not a part of the syllabus.
3. Since the scheme part of the Programme does not contain the internal & external mark distribution of courses, the Convener, Expert committee, constituted for drafting the syllabus of M.Sc Plant Science with Bioinformatics Programme, vide Paper read 2 above, forwarded the Credit & Mark distribution of all courses (including Project/Dissertation and General / Course Viva Voce) of the aforesaid programme.
4. The Vice-Chancellor, after considering the matter in detail and exercising the powers of the Academic Council conferred under Section 11(1) Chapter III of Kannur University Act 1996, accorded sanction to implement Mark distribution of all courses (including Project/Dissertation and General / Course Viva Voce) in the scheme part of the syllabus of M.Sc. Plant Science with Bioinformatics programme, at Payyanur College, Payyanur, Edat, w.e.f. 2021 admission and to report the matter to the Academic Council.
5. The modified page of the Scheme of the M.Sc. Plant Science with Bioinformatics programme (CBSS) is appended and uploaded in the University website (www.kannuruniv.ac.in).
6. U.O read (1) above stands modified to this extent only.
7. Orders are issued accordingly.


Sd/-

**Sajesh Kottambrath**  
**Assistant Registrar1**  
For REGISTRAR

To: The Principal  
Payyanur College

Copy To: 1. The Examianation Branch (through PA to CE)  
2. PS to VC/PA to PVC/PA to Registrar  
3. DR/ARI Academic  
4. The Computer Programmer (for uploading in the website)  
3. SF/DF/FC



Forwarded / By Order  
  
SECTION OFFICER

**KANNUR UNIVERSITY**

**M.Sc. PLANT SCIENCE WITH BIOINFORMATICS**

(Effective from **2021 admission** onwards)

**CREDIT DISTRIBUTION CHART OF COURSES IN THE M.Sc. PROGRAMME**

Semester No.	Course No.	Title of the Course	Credits	Marks		
				Internal	External	Total
I	PSB1C01	Cell Biology and Molecular Genetics	4	15	60	75
	PSB1C02	Microbiology, Mycology and Plant Pathology	4	15	60	75
	PSB1C03	Phycology, Bryology and Pteridology	4	15	60	75
	PSB1C04	Gymnosperms, Angiosperm Anatomy and Embryology	4	15	60	75
		<b>Total for Semester I</b>		<b>16</b>	<b>60</b>	<b>240</b>
II	PSB2C05	Environmental Science, Forest Botany and Phytogeography	4	15	60	75
	PSB2C06	Genetics, Plant Breeding and Biostatistics	4	15	60	75
	PSB2C07	Evolution, Microtechnique and Instrumentation	4	15	60	75
	PSB2C08	Microbial and Plant Biotechnology	4	15	60	75
	PSB2P01	<b>Practical I:</b> Cell Biology, Microbiology, Mycology, Plant Pathology, Phycology, Bryology, Pteridology, Gymnosperm Botany, Environmental Science and Forest Botany	4	15	60	75
	PSB2P02	<b>Practical II:</b> Angiosperm Anatomy, Embryology, Evolution, Genetics, Biostatistics, Plant Breeding, Bioinstrumentation, Microbial and Plant Biotechnology	4	15	60	75
		<b>Total for Semester II</b>		<b>24</b>	<b>90</b>	<b>360</b>
III	PSB3C09	Plant Physiology and Biochemistry	4	15	60	75
	PSB3C10	Angiosperm Morphology and Systematics	4	15	60	75
	PSB3C11	Basic Bioinformatics	4	15	60	75
	PSB3C12	Structural Bioinformatics	4	15	60	75
		<b>Total for Semester III</b>		<b>16</b>	<b>60</b>	<b>240</b>
IV	PSB4E01	Elective Course 1	4	15	60	75
	PSB4E02	Elective Course 2	4	15	60	75
	PSB4P03	<b>Practical III:</b> Angiosperm Morphology, Systematics, Plant Physiology and Biochemistry	4	15	60	75
	PSB4P04	<b>Practical IV:</b> Basic Bioinformatics, Structural Bioinformatics and Elective 1 and 2	4	15	60	75
	PSB4P05	Project/Dissertation	6	20	80	100
	PSB4P06	General/Course Viva Voce	2	10	40	50
		<b>Total for Semester IV</b>		<b>24</b>	<b>90</b>	<b>360</b>
	<b>GRAND TOTAL</b>		<b>80</b>	<b>300</b>	<b>1200</b>	<b>1500</b>

