

# UNIVERSITY OF KERALA

THIRUVANANTHAPURAM



## MEMORANDUM

Career Related First Degree Programme under Choice Based Credit and Semester (CBCS) System

Dated : 20-10-2023  
Serial No : 22 30 8015  
Ref. No. : 22 34 0451 V

Name : **ALEN JOHN JAMES**  
Programme : **Biochemistry and Industrial Microbiology (B.Sc.)**

Candidate Code: **24820135001**  
Month & Year : **Apr 2023**

CONSOLIDATED STATEMENT OF MARKS-CUM-GRADES									
CODE	COURSE	CREDIT	ESE	CE	TOTAL	GP	GRADE	CP	
<b>Semester 1 SCPA : 6.41 C</b>		<b>Credit : 16</b>			<b>Month &amp; Year : Jun 2022</b>				
EN 1111.3	Language Skills	3	45	18	63	6.3	C	18.9	
HN 1111.3	Hindi Gadya Sahitya	3	64	17	81	8.1	A	24.3	
IM 1121	Biomolecules	3	45	19	64	6.4	C	19.2	
IM 1171	Fundamentals of Microbiology	4	38	19	57	5.7	D	22.8	
CH 1131.7	Basic Theoretical and Analytical Chemistry	3	38	20	58	5.8	D	17.4	
<b>Semester 2 SCPA : 6.5 C</b>		<b>Credit : 21</b>			<b>Month &amp; Year : Dec 2021</b>				
EN 1211.3	English Grammar, Usage and Writing	3	47	16	63	6.3	C	18.9	
HN 1211.3	Hindi Padyasahitya	3	49	18	67	6.7	C	20.1	
IM 1241	Environmental Studies	4	45	17	62	6.2	C	24.8	
IM 1242	Practicals-Qualitative Analysis of Biomolecules	2	73	14	87	8.7	A	17.4	
IM 1222	Microbial Taxonomy and Physiology	3	28	20	48	4.8	E	14.4	
IM 1271	Vocational Course II Microbiology Practicals	3	60	20	80	8	A	24	
CH 1231.7	Physical Chemistry	3	40	16	56	5.6	D	16.8	
<b>Semester 3 SCPA : 5.57 D</b>		<b>Credit : 16</b>			<b>Month &amp; Year : Mar 2022</b>				
EN 1311.3	English for Career	3	51	15	66	6.6	C	19.8	
IM 1341	Analytical Biochemistry and Biophysical Chemistry	4	33	12	45	4.5	E	18	
IM 1371	Cell Biology	3	37	18	55	5.5	D	16.5	
IM 1372	Microbial genetics and biotechnology	3	33	16	49	4.9	E	14.7	
CH 1331.7	Bio-Organic Chemistry	3	50	17	67	6.7	C	20.1	
<b>Semester 4 SCPA : 7.11 B</b>		<b>Credit : 24</b>			<b>Month &amp; Year : Aug 2022</b>				
EN 1411.3	Readings in Literature	3	39	11	50	5	D	15	
IM 1441	Physiological aspects of Biochemistry and Enzymology	3	38	13	51	5.1	D	15.3	
IM 1442	Practicals-Quantitative analysis of Biomolecules	3	75	19	94	9.4	A+	28.2	
IM 1471	Environmental Microbiology	3	61	19.6	80.6	8.06	A	24.18	
IM 1472	Food Microbiology	2	34	17	51	5.1	D	10.2	
IM 1473	Microbiology Practical	3	61	20	81	8.1	A	24.3	
CH 1431.7	Bioinorganic and Electrochemistry	3	33	17	50	5	D	15	
CH 1432.7	Chemistry Lab	4	76	20	96	9.6	A+	38.4	
<b>Semester 5 SCPA : 7.53 B</b>		<b>Credit : 18</b>			<b>Month &amp; Year : Dec 2022</b>				
IM 1541	Molecular Biology	3	47	13	60	6	C	18	
IM 1542	Food Science	3	33	16	49	4.9	E	14.7	
IM 1543	Practicals - Serum and Food Analysis	3	76	20	96	9.6	A+	28.8	
IM 1571	Fermentation Technology	3	58	18	76	7.6	B	22.8	
IM 1572	Microbiology Practicals	4	69	20	89	8.9	A	35.6	
MM 1551.1	Operations Research	2	58	20	78	7.8	B	15.6	
<b>Semester 6 SCPA : 7.79 B</b>		<b>Credit : 26</b>			<b>Month &amp; Year : Apr 2023</b>				
IM 1641	Clinical Biochemistry	3	46	15	61	6.1	C	18.3	
IM 1642	Metabolism	4	42	15	57	5.7	D	22.8	
IM 1643	Advanced Biochemistry	3	53	13	66	6.6	C	19.8	
IM 1644	Practicals-Urine Analysis & Hematology	3	77	20	97	9.7	A+	29.1	
IM 1671	Medical Microbiology	3	45	17	62	6.2	C	18.6	
IM 1672	Microbiology Practicals	4	76	20	96	9.6	A+	38.4	
IM 1661	Immunology	2	60	18	78	7.8	B	15.6	
IM 1645	Project	4	80	20	100	10	A+	40	

CONSOLIDATED GRADE CARD		
Course	CCPA	Credit
English Language Course	6.05	12
Additional Language Course Hindi	7.40	6
Foundation Course	5.60	6
Core Course	7.06	44
Complementary Course(s)	6.73	16
Open Course Operations Research	7.80	2
Vocational Course	7.20	35

FINAL RESULT			
CCPA(s)	Credit	Grade	Percentage
6.972	101	C	69.72
CCPA	Credit	Grade	Percentage
6.916	121	C	69.16

Section: ES-VIII



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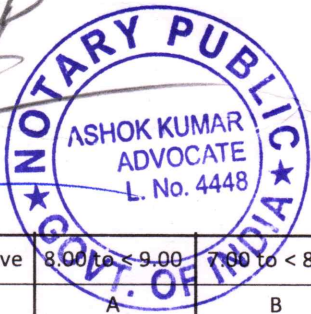
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\* Course Grading

Grade Range	9.00 & above	8.00 to < 9.00	7.00 to < 8.00	6.00 to < 7.00	5.00 to < 6.00	3.50 to < 5.00	Below 3.50
Grade	A+	A	B	C	D	E	F
Performance	Outstanding	Excellent	Very Good	Good	Satisfactory	Adequate	Failure

# SCPA / CCPA

Grade Range	9.00 & above	8.00 to < 9.00	7.00 to < 8.00	6.00 to < 7.00	5.00 to < 6.00	4.00 to < 5.00	Below 4.00
Grade	A+	A	B	C	D	E	F
Performance	Outstanding	Excellent	Very Good	Good	Satisfactory	Adequate	Failure

CBCS - Choice Based Credit and Semester, SCPA - Semester Credit Point Average, CCPA - Cumulative Credit Point Average, GP - Grade Point, CP - Credit Point

**Requirement for the successful completion of a Program**

A student shall earn a minimum of 120 Credits including Complementary, Vocational, Open, Elective Courses and hearing impaired candidates, required Credits shall be fixed Course, from the total of 120 Credits.

- \* A minimum of 35% marks (E grade) is required for (E Grade) for Continuous Evaluation and End Semester
- # For the successful completion of a semester, (E Grade).

For the successful completion of a Programme and a satisfying the minimum Credit requirement and must of E.

- Total = ESE + CE
- GP = Total / 10
- CP = GP \* Credit
- SCPA = Total CPs / Total Credits
- CCPA = Total Credit Points of all the Semesters / Total Credits of all the Semesters

CCPA(s) is CCPA for specialized subjects. (It is computed in a similar manner but without considering the Language Courses, Foundation Course for Language and Open Course)

Audit Course means a Course which the student can register without earning Credits (Zero Credit Courses) and are not compulsory for completing the Degree Programme

**GRADE CONVERSION**

- Percentage of mark = Grade Points for SCPA or CCPA x 10
- Grade points for SCPA or CCPA = Percentage of marks divided by 10

