

Date: 4/05/2026

## Department of Applied Sciences and Humanities

First Year

Semester – I

SCHEME - SJCEM :R-26

Group A

Course Code	Vertical	Course Name	Contact Hrs			Credit Allotted			Total Credits
			Th	Tut	Pr	Th	Tut	Pr	
26FEBS101	BSC	Engineering Mathematics – I	3	1	0	3	1	0	4
26FEBS102	BSC	Engineering Physics	2	-	2	2	-	1	3
26FEES101	ESC	Engineering Mechanics	3	0	2	3	0	1	4
26FEES102	ESC	Problem Solving Skills using C++	2	0	4	2	0	2	4
26FELSC101	VSEC	Prototype Fabrication and Testing - I	0	0	4	0	0	2	2
26FEAEC101	AEC	Basic Communication Skills -I	1	1	0	1	1	0	2
26FECC101	CC	Liberal Learning – I	0	0	2	0	0	1	1
<b>Total</b>			11	02	14	11	02	07	20

Course Code	Vertical	Course Name	Evaluation Scheme					Total
			Theory			Practical		
			IAE 1	IAE 2	ESE	CA	OR/PR	
26FEBS101	BSC	Engineering Mathematics – I	20	20	60	25	--	125
26FEBS102	BSC	Engineering Physics	10	10	30	25	--	75
26FEES101	ESC	Engineering Mechanics	20	20	60	25	--	125
26FEES102	ESC	Problem Solving Skills using C++	20	20	60	25	--	125
26FELSC101	VSEC	Prototype Fabrication and Testing - I	--	--	--	25	50	75
26FEAEC101	AEC	Basic Communication Skills -I	10	10	30	25	--	75
26FECC101	CC	Liberal Learning – I	--	--	--	--	25	25
<b>Total</b>			80	80	240	150	75	625

IAE: Internal Assessment Examination, ESE: End Semester Examination, CA-Continuous Assessment  
Learners who are assigned Group A in Semester I will be offered Group B in Semester II and Vice versa.

**First Year  
Semester – I  
SCHEME- SJCEM : R-26  
Group B**

Course Code	Vertical	Course Name	Contact Hrs			Credit Allotted			Total Credits
			Th	Tut	Pr	Th	Tut	Pr	
26FEBS101	BSC	Engineering Mathematics – I	3	1	0	3	1	0	4
26FEBS202	BSC	Engineering Chemistry	2	-	2	2	-	1	3
26FEES101	ESC	Engineering Mechanics	3	0	2	3	0	1	4
26FEES102	ESC	Problem Solving Skills using C++	2	0	4	2	0	2	4
26FELSC101	VSEC	Prototype Fabrication and testing - I	0	0	4	0	0	2	2
26FEAEC101	AEC	Basic Communication Skills -I	1	1	0	1	1	0	2
26FECC101	CC	Liberal Learning – I	0	0	2	0	0	1	1
<b>Total</b>			11	02	14	11	02	07	20

Course Code	Vertical	Course Name	Evaluation Scheme					Total
			Theory			Practical		
			IAE 1	IAE 2	ESE	CA	OR/PR	
26FEBS101	BSC	Engineering Mathematics – I	20	20	60	25	--	125
26FEBS202	BSC	Engineering Chemistry	10	10	30	25	--	75
26FEES101	ESC	Engineering Mechanics	20	20	60	25	--	125
26FEES102	ESC	Problem Solving Skills using C++	20	20	60	25	--	125
26FELSC101	VSEC	Prototype Fabrication and testing - I	--	--	--	25	50	75
26FEAEC101	AEC	Basic Communication Skills -I	10	10	30	25	--	75
26FECC101	CC	Liberal Learning – I	--	--	--	--	25	25
<b>Total</b>			80	80	240	150	75	625

IAE: Internal Assessment Examination, ESE: End Semester Examination, CA-Continuous Assessment  
Learners who are assigned Group A in Semester I will be offered Group B in Semester II and Vice versa.

**First Year  
Semester – II  
SCHEME- SJCEM :R–26  
Group A**

Course Code	Vertical	Course Name	Contact Hrs			Credit Allotted			Total Credits
			Th	Tut	Pr	Th	Tut	Pr	
26FEBS201	BSC	Engineering Mathematics – II	2	1	0	2	1	0	3
26FEBS202	BSC	Engineering Chemistry	2	0	2	2	0	1	3
26FEES201	ESC	Engineering Graphics (AutoCAD)	0	0	4	0	0	2	2
26FEES202	ESC	Basic of Electrical & Electronics Engineering	2	0	2	2	0	1	3
26FEPCC201	PCC	Object Oriented Programming using Java	2	0	4	2	0	2	4
26FELSC201	VSEC	Prototype Fabrication and Testing - II	0	0	4	0	0	2	2
26FEIKS201	IKS	Introduction to IKS	2	0	0	2	0	0	2
26FECC201	CC	Liberal Learning - II	0	0	2	0	0	1	1
		<b>Total</b>	10	01	18	10	1	09	20

Course Code	Vertical	Course Name	Evaluation Scheme					Total
			Theory			Practical		
			IAE 1	IAE 2	ESE	CA	OR/PR	
26FEBS201	BSC	Engineering Mathematics – II	20	20	60	25	--	125
26FEBS202	BSC	Engineering Chemistry	10	10	30	25	--	75
26FEES201	ESC	Engineering Graphics (AutoCAD)	-	-	-	25	50	75
26FEES202	ESC	Basic of Electrical & Electronics Engineering	20	20	60	25	--	125
26FEPCC201	PCC	Object Oriented Programming using Java	20	20	60	25	--	125
26FELSC201	VSEC	Prototype Fabrication and Testing - II	--	--	--	25	50	75
26FEIKS201	IKS	Introduction to IKS	10	10	30	-	--	50
26FECC201	CC	Liberal Learning -II	--	--	--	--	25	25
		<b>Total</b>	80	80	240	150	125	675

**First Year  
Semester – II  
SCHEME- SJCEM : R-26  
Group B**

Course Code	Vertical	Course Name	Contact Hrs			Credit Allotted			Total Credits
			Th	Tut	Pr	Th	Tut	Pr	
26FEBS201	BSC	Engineering Mathematics – II	2	1	0	2	1	0	3
26FEBS102	BSC	Engineering Physics	2	0	2	2	0	1	3
26FEES201	ESC	Engineering Graphics (AutoCAD)	0	0	4	0	0	2	2
26FEES202	ESC	Basic of Electrical & Electronics Engineering	2	0	2	2	0	1	3
26FEPCC201	PCC	Object Oriented Programming using Java	2	0	4	2	0	2	4
26FELSC201	VSEC	Prototype Fabrication and Testing - II	0	0	4	0	0	2	2
26FEIKS201	IKS	Introduction to IKS	2	0	0	2	0	0	2
26FECC201	CC	Liberal Learning - II	0	0	2	0	0	1	1
<b>Total</b>			10	01	18	10	1	09	20

Course Code	Vertical	Course Name	Evaluation Scheme					Total
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26FEBS201	BSC	Engineering Mathematics – II	20	20	60	25	--	125
26FEBS102	BSC	Engineering Physics	10	10	30	25	--	75
26FEES201	ESC	Engineering Graphics (AutoCAD)	-	-	-	25	50	75
26FEES202	ESC	Basic of Electrical & Electronics Engineering	20	20	60	25	--	125
26FEPCC201	PCC	Object Oriented Programming using Java	20	20	60	25	--	125
26FELSC201	VSEC	Prototype Fabrication and Testing - II	--	--	--	25	50	75
26FEIKS201	IKS	Introduction to IKS	10	10	30	-	--	50
26FECC201	CC	Liberal Learning - II	--	--	--	--	25	25
<b>Total</b>			80	80	240	150	125	675