



St. Joseph's College for Women (Autonomous)
Visakhapatnam

Accredited with NAAC 'A' Grade; ISO 21001:2018, 14001:2015 Certified



INTERNAL QUALITY ASSURANCE CELL

PROGRAM BOOK FOR 25 BA Spl. Eng.

for the academic year
2025 - 26

PROGRAM CODE: 25 BA Spl. Eng.

PROGRAM NAME: BA (HONOURS) Special English

Programme Code	Programme Name	Course Code	Course title	Credits	
25 BA Spl.Eng.	BA (HONOURS) Special English				
SEM-1		LE 1013	Advanced English	3	New
		LE 1014	Higher English	3	New
		LE 1015	Basic English	3	New
		LT 1007	Telugu	3	New
		LH 1009	Hindi	3	New
		LS 1005	Sanskrit	3	New
		LF 1007	French	3	New
		FAI 1001	Fundamentals of Artificial intelligence	4	New
		ELL-Ma1-1201	An Introduction to English Literature	4	New
		ELL-Ma2-1201	An Introduction to Elizabethan Literature	4	New
SEM-2		LE 2013	Advanced English	3	New
		LE 2014	Higher English	3	New
		LE 2015	Basic English	3	New
		LT2007	Telugu	3	New
		LH2009	Hindi	3	New
		LS2005	Sanskrit	3	New
		LF2007	French	3	New
		POB2001	Principles of Biological Sciences	2	Existing
		AAIA 2001	Applications of Artificial Intelligence	4	New
		ELL-Ma1-2202	An Introduction to Jacobean Literature	4	New
		ELL-Ma2-2202	An Introduction to Restoration Literature	4	New
		CSP 2002	Community service Project	1	New
		IKS 2001	Indian Knowledge System	0	New
SEM-3		PM 3001	Project Management	2	Existing
		HH 3001	Health and Hygiene	2	Existing
		ELL-Ma1 3201	An Introduction to Jacobean Literature (1603-1625)	4	Existing
		ELL-Ma2 3201	An Introduction to Restoration Literature (1660-1689)	4	Existing
		ELL-Ma3 3201	An Introduction to Augustan Literature (1700-1750)	4	Existing
		ELL-Ma4 3201	An Introduction to Romantic Literature (1798-1837)	4	Existing
		PSY-Mi1-3601	Applied Psychology	4	New

		OFF-Mi1-3401	Organizational Behaviour	4	Existing
		EC-Mi1- 3701	Macroeconomics	4	Existing
SEM-4		IG 4001	Introduction to Geography	2	Existing
		TG 4001	Tourism Guidance	2	Existing
		ELL-Ma1-4201	An Introduction to Victorian Literature (1837-1900)	4	Existing
		ELL-Ma2-4201	An Introduction to Modern Literature (1900-1940)	4	Existing
		ELL-Ma3-4201	Glimpses of World Literature	4	Existing
		PSY-Mi1-4601	Abnormal Psychology	4	New
		PSY-Mi2-4601	Professional Development and Ethical Issues in Psychology	4	New
		OFF-Mi1-4401	Marketing Management	4	Existing
		OFF-Mi2-4401	Human Resource Management	4	Existing
		EC-Mi14701	India and A.P Economy	4	Existing
		EC-Mi24701	Statistical Methods for Economics	4	Existing
		STI 4001	Short term Internship	4	Existing
SEM-5		EE 5001	Environmental Education	2	New
		ELL-Ma1-5201	Writing for Media	4	New
		ELL-Ma2-5201	Creative Writing and Literary Appreciation	4	New
		ELL-Ma3-5201	Teaching English Online	4	New
		ELL-Ma4-5201	English for Journalism & Advertising (Print Media)	4	New
		JMC-Mi1-5801	Public Relations	4	New
		JMC-Mi2-5801	New Media and Society	4	New
		EC-Mi1-5701	Entrepreneurship and MSMEs	4	New
		EC-Mi2-5701	Insurance Services	4	New
SEM-6		SLI 6001	Semester long Internship	12	Existing

P. Bhushan Kumar
Controller of Examinations

St. Joseph's College for Women
(Autonomous)
Visakhapatnam

T. Bhashmala
IQAC Coordinator

IQAC Coordinator
St. Joseph's College for Women
(Autonomous)
VISAKHAPATNAM-530 004

S. S. S. S.
Principal

St. Joseph's College for Women
(Autonomous)
Visakhapatnam



St. Joseph's College for Women (Autonomous)
Visakhapatnam

Accredited with NAAC 'A' Grade; ISO 21001:2018, 14001:2015 Certified



INTERNAL QUALITY ASSURANCE CELL

PROGRAM BOOK FOR 25 BA Psy.

for the academic year
2025 - 26

PROGRAM CODE: 25 BA Psy.

PROGRAM NAME: BA (HONOURS) Psychology

Programme Code	Programme Name	Course Code	Course title	Credits	
25 BA Psy.	BA (HONOURS) Psychology				
SEM-1		LE 1013	Advanced English	3	New
		LE 1014	Higher English	3	New
		LE 1015	Basic English	3	New
		LT 1007	Telugu	3	New
		LH 1009	Hindi	3	New
		LS 1005	Sanskrit	3	New
		LF 1007	French	3	New
		FAI 1001	Fundamentals of Artificial intelligence	2	New
		PSY-Ma1-1601	Introduction to Psychology	3	New
		PSY-Ma1-1651	Introduction to Psychology Practical	1	New
		PSY-Ma2-1601	Biopsychology	3	New
		PSY-Ma2-1651	Biopsychology Practical	1	New
SEM-2		LE 2013	Advanced English	3	New
		LE 2014	Higher English	3	New
		LE 2015	Basic English	3	New
		LT2007	Telugu	3	New
		LH2009	Hindi	3	New
		LS2005	Sanskrit	3	New
		LF2007	French	3	New
		POB2001	Principles of Biological Sciences	2	Existing
		AAIA 2001	Applications of Artificial Intelligence	2	New
		PSY-Ma1-2602	Cognitive Psychology	3	New
		PSY-Ma1-2651	Cognitive Psychology Practical	1	New
		PSY-Ma2-2602	Child Psychology	3	New
		PSY-Ma2-2651	Child Psychology Practical	1	New
		CSP 2002	Community service Project	1	New
		IKS 2001	Indian Knowledge System	0	New
SEM-3		PM 3001	Project Management	2	Existing
		HH 3001	Health and Hygiene	2	Existing
		PSY-Ma1 3601	Applied Psychology	4	Existing
		PSY-Ma2 3601	Child psychology	4	Existing
		PSY-Ma3 3601	Social psychology	4	Existing
		PSY-Ma4 3601	Basics of neuro psychology	4	Existing
		OFF-Mi1 3401	Organizational Behaviour	4	Existing
		EC-Mi1- 3701	Macroeconomics	4	Existing

SEM-4		IG 4001	Introduction to Geography	2	Existing
		DT 4001	Design Thinking	2	Existing
		PSY-Ma1 4601	Abnormal Psychology	4	Existing
		PSY-Ma2 4601	Professional Development and Ethical Issues in Psychology	4	Existing
		PSY-Ma3 4601	Psychological Testing	4	Existing
		JMC-Mi14801	Communication Theory	4	Existing
		JMC-Mi24801	Creative Writing	4	Existing
		EC-Mi14701	India and A.P Economy	4	Existing
		EC-Mi24701	Statistical Methods for Economics	4	Existing
		STI 4001	Short Term Internship	4	Existing
SEM-5		EE 5001	Environmental Education	2	New
		PSY-Ma1 5601	Counselling Psychology	4	New
		PSY-Ma2 5601	Understanding and Treatment of Psychological Disorders	4	New
		PSY-Ma3 5601	Educational Psychology	4	New
		PSY-Ma4 5601	Educational Psychology Applications and Skills	4	New
		JMC-Mi1-5801	Public Relations	4	New
		JMC-Mi2-5801	New Media and Society	4	New
		EC-Mi1-5701	Entrepreneurship and MSMEs	4	New
		EC-Mi2-5701	Insurance Services	4	New
SEM-6		SLI 6001	Semester long Internship	12	Existing

P. Bhushan Varma
Controller of Examinations

T. Bhaskar Reddy
IQAC Coordinator

Dr. P. S. Jayaram
Principal

St. Joseph's College for Women
(Autonomous)
Visakhapatnam

IQAC Coordinator
St. Joseph's College for Women
(Autonomous)
VISAKHAPATNAM-530 004

St. Joseph's College for Women
(Autonomous)
Visakhapatnam



St. Joseph's College for Women (Autonomous)
Visakhapatnam

Accredited with NAAC 'A' Grade; ISO 21001:2018, 14001:2015 Certified



INTERNAL QUALITY ASSURANCE CELL

PROGRAM BOOK FOR 25 BA Pol. Sci.

for the academic year
2025– 26

PROGRAM CODE: 25 BA Pol. Sci.

PROGRAM NAME: BA (HONOURS) Political Science

Programme Code	Programme Name	Course Code	Course title	Credits	
25 BA Pol. Sci.	BA (HONOURS) Political Science				
SEM-1		LE 1013	Advanced English	3	New
		LE 1014	Higher English	3	New
		LE 1015	Basic English	3	New
		LT 1007	Telugu	3	New
		LH 1009	Hindi	3	New
		LS 1005	Sanskrit	3	New
		LF 1007	French	3	New
		FAI 1001	Fundamentals of Artificial intelligence	4	New
		POL-Ma1 1501	Introduction to Political Science	4	New
		POL-Ma2 1501	Concepts & Ideologies of Political Science	4	New
SEM-2		LE 2013	Advanced English	3	New
		LE 2014	Higher English	3	New
		LE 2015	Basic English	3	New
		LT2007	Telugu	3	New
		LH2009	Hindi	3	New
		LS2005	Sanskrit	3	New
		LF2007	French	3	New
		POB2001	Principles of Biological Sciences	2	Existing
		AAIA 2001	Applications of Artificial Intelligence	4	New
		POL-Ma1 2502	Political Institutions	4	New
		POL-Ma2 2502	Indian Constitution	4	New
		CSP 2002	Community service Project	1	New
		IKS 2001	Indian Knowledge System	0	New
SEM-3		PM 3001	Project Management	2	Existing
		HH 3001	Health and Hygiene	2	Existing
		POL-Ma1 3501	Political Institutions	4	Existing
		POL-Ma2 3501	Indian Constitution	4	Existing
		POL-Ma3 3501	Western Political Thought: Ancient & Medieval	4	Existing
		POL-Ma4 3501	Indian Federal System	4	Existing
		PSY-Mi1-3601	Applied Psychology	4	New
		EC-Mi1 3701	Macroeconomics	4	Existing

SEM-4		IG 4001	Introduction to Geography	2	Existing
		TG 4001	Tourism Guidance	2	Existing
		POL-Ma14501	Indian Government	4	Existing
		POL-Ma2 4501	Dynamics of Indian Political System	4	Existing
		POL-Ma3 4501	Indian Political Thought	4	Existing
		PSY-Mi1-4601	Abnormal Psychology	4	New
		PSY-Mi2-4601	Professional Development and Ethical Issues in Psychology	4	New
		EC-Mi14701	India and A.P Economy	4	Existing
		EC-Mi24701	Statistical Methods for Economics	4	Existing
		STI 4001	Short term Internship	4	Existing
SEM-5		EE 5001	Environmental Education	2	New
		POL-Ma1 5501	E-Governance	4	New
		POL-Ma2 5501	Local Administration	4	New
		POL-Ma3 5501	Political reporting	4	New
		POL-Ma4 5501	Legislative Procedures and Practices	4	New
		JMC-Mi1-5801	Public Relations	4	New
		JMC-Mi2-5801	New Media and Society	4	New
		EC-Mi1-5701	Entrepreneurship and MSMEs	4	New
		EC-Mi2-5701	Insurance Services	4	New
SEM-6		SLI 6001	Semester long Internship	12	Existing

P. Bhusha
Controller of Examinations

T. Bhasha
IQAC Coordinator

Dr. Shygi
Principal

St. Joseph's College for Women
(Autonomous)
Visakhapatnam

IQAC Coordinator
St. Joseph's College for Women
(Autonomous)
VISAKHAPATNAM-530 004

St. Joseph's College for Women
(Autonomous)
Visakhapatnam



St. Joseph's College for Women (Autonomous)
Visakhapatnam

Accredited with NAAC 'A' Grade; ISO 21001:2018, 14001:2015 Certified



INTERNAL QUALITY ASSURANCE CELL

PROGRAM BOOK FOR 25 BBA(HONOURS)

for the academic year
2025 - 26

PROGRAM CODE: 25 BBA (HONOURS)

PROGRAM NAME: Bachelor of Business Administration

Programme Code	Programme Name	Course Code	Course title	Credits	
25 BBA Honours	Bachelor of Business Administration				
SEM-1		LE 1013	Advanced English	3	New
		LE 1014	Higher English	3	New
		LE 1015	Basic English	3	New
		LT 1007	Telugu	3	New
		LH 1009	Hindi	3	New
		LS 1005	Sanskrit	3	New
		LF 1007	French	3	New
		FAI 1001	Fundamentals of Artificial intelligence	4	New
		BBA-Ma1-1101	Accounting for Managers	4	New
		BBA-Ma2-1201	Principles of Management	4	New
SEM-2		LE 2013	Advanced English	3	New
		LE 2014	Higher English	3	New
		LE 2015	Basic English	3	New
		LT2007	Telugu	3	New
		LH2009	Hindi	3	New
		LS2005	Sanskrit	3	New
		LF2007	French	3	New
		POB2001	Principles of Biological Sciences	2	Existing
		AAIC2001	Applications of Artificial Intelligence	4	New
		BBA-Ma1-2102	Managerial Economics	4	New
		BBA-Ma2-2202	Business Law	4	New
		CSP 2002	Community service Project	1	New
		IKS 2001	Indian Knowledge System	0	New
SEM-3		PM 3001	Project Management	2	Existing
		BM 3001	Basic Mathematics	2	Existing
		BBA-Ma1 3101	Business Law	4	Existing
		BBA-Ma2 3201	Organizational Behavior	4	Existing
		BBA-Ma3 3301	Business Environment	4	Existing
		BBA-Ma4 3401	Business Statistics and Mathematics	4	Existing
		PSY-Mi1-3601	Applied Psychology	4	New
		EC-Mi1 3701	Macroeconomics	4	Existing

SEM-4		INT 4001	Introduction to Nanotechnology	2	Existing
		DM 4001	Digital marketing	2	Existing
		BBA-Ma1 4101	Marketing Management	4	Existing
		BBA-Ma2 4201	Human Resource Management	4	Existing
		BBA-Ma3 4301	Financial Management	4	Existing
		PSY-Mi1-4601	Abnormal Psychology	4	New
		PSY-Mi2-4601	Professional Development and Ethical Issues in Psychology	4	New
		EC-Mi14701	India and A.P Economy	4	Existing
		EC-Mi24701	Statistical Methods for Economics	4	Existing
		STI 4001	Short term Internship	4	Existing
SEM-5		EE 5001	Environmental Education	2	New
		BBA-Ma1-5101	Advertising Management	4	New
		BBA-Ma2-5201	Training and Development	4	New
		BBA-Ma3-5301	Financial Markets	4	New
		BBA-Ma4-5401	Production and Operations Management	4	New
		JMC-Mi1-5801	Public Relations	4	New
		JMC-Mi2-5801	New Media and Society	4	New
		EC-Mi1-5701	Entrepreneurship and MSMEs	4	New
		EC-Mi2-5701	Insurance Services	4	New
SEM-6		SLI 6001	Semester long Internship	12	Existing

P. Bhusha Valtu
Controller of Examinations

T. Bhusha Sulu
IQAC Coordinator

A. Sanyal
Principal

St. Joseph's College for Women
(Autonomous)
Visakhapatnam

IQAC Coordinator
St. Joseph's College for Women
(Autonomous)
VISAKHAPATNAM-530 004

St. Joseph's College for Women
(Autonomous)
Visakhapatnam



St. Joseph's College for Women (Autonomous)
Visakhapatnam

Accredited with NAAC 'A' Grade; ISO 21001:2018, 14001:2015 Certified



INTERNAL QUALITY ASSURANCE CELL

PROGRAM BOOK FOR 25BCom.(HONOURS)

for the academic year
2025 - 26

PROGRAM CODE: 25BCom.(HONOURS)

PROGRAM NAME: BCom. (Computers)

Programme Code	Programme Name	Course Code	Course title	Credits	
25BCom. Honours	BCom. (Computers)				
SEM-1		LE 1013	Advanced English	3	New
		LE 1014	Higher English	3	New
		LE 1015	Basic English	3	New
		LT 1007	Telugu	3	New
		LH 1009	Hindi	3	New
		LS 1005	Sanskrit	3	New
		LF 1007	French	3	New
		FAI 1001	Fundamentals of Artificial intelligence	4	New
		COM-Ma1-1101	Business Organization and Management	4	New
		COM-Ma2-1201	Fundamentals of Information Technology & Office Automation	3	New
		COM-Ma2-1251	Fundamentals of Information Technology & Office Automation Practical	1	New
SEM-2		LE 2013	Advanced English	3	New
		LE 2014	Higher English	3	New
		LE 2015	Basic English	3	New
		LT2007	Telugu	3	New
		LH2009	Hindi	3	New
		LS2005	Sanskrit	3	New
		LF2007	French	3	New
		POP2001	Principles of physical Sciences	2	New
		AAIC 2001	Applications of Artificial Intelligence	4	New
		COM-Ma-2102	Financial Accounting, I	4	New
		COM-Ma2-2202	E-Commerce and Web Application Development	3	New
		COM Ma2-2252	E-Commerce and Web Application Development Practical	1	New
		CSP 2002	Community Service Project	1	New
		IKS 2001	Indian Knowledge System	0	New

SEM-3		PM 3001	Project Management	2	Existing
		BM 3001	Basic Mathematics	2	Existing
		COM Ma1 3101	Advanced Accounting	3	Existing
		COM Ma1 3151	Advanced Accounting Practical	2	Existing
		COM Ma2 3201	Income Tax	3	Existing
		COM Ma2 3251	Income Tax Practical	2	Existing
		COM Ma3 3301	E Commerce & Web designing	3	Existing
		COM Ma3 3351	E Commerce & Web designing Practical	2	Existing
		COM Ma4 3401	Digital Marketing	3	Existing
		COM Ma4 3451	Digital Marketing Practical	2	Existing
		OFF-Mi1-3401	Organizational Behaviour	4	Existing
		EC-Mi1- 3701	Macroeconomics	4	Existing
SEM-4		INT 4001	Introduction to Nanotechnology	2	Existing
		DT 4001	Design Thinking	2	Existing
		COM Ma14101	Corporate Accounting	3	Existing
		COM Ma14151	Corporate Accounting Practical	2	Existing
		COM Ma24201	Cost & Management Accounting	3	Existing
		COM Ma24251	Cost & Management Accounting Practical	2	Existing
		COM Ma34301	DBMS with Oracle	3	Existing
		COM Ma34351	DBMS with Oracle Practical	2	Existing
		OFF-Mi14401	Marketing Management	4	Existing
		OFF-Mi24401	Human Resource Management	4	Existing
		EC-Mi14701	India and A.P Economy	4	Existing
		EC-Mi24701	Statistical Methods for Economics	4	Existing
		STI 4001	Short term Internship	4	Existing

SEM-5		EE 5001	Environmental Education	2	New
		COM Ma1 5101	Advertising and Media Planning	3	New
		COM Ma1 5151	Advertising and Media Planning Practical	2	New
		COM Ma2 5201	GST Procedures and Practices	3	New
		COM Ma2 5251	GST Procedures and Practices Practical	2	New
		COM Ma3 5301	Business Analytics	3	New
		COM Ma3 5351	Business Analytics Practical	2	New
		COM Ma4 5401	Mobile Applications Development	3	New
		COM Ma4 5451	Mobile Applications Development Practical	2	New
		OFF-Mi1-5401	Office Organization and Correspondence	4	New
		OFF-Mi2-5401	Company Secretarial Practice	4	New
SEM-6		SLI 6001	Semester long Internship	12	Existing

P. Bhusha
Controller of Examinations

St. Joseph's College for Women
(Autonomous)
Visakhapatnam

T. Bhaskar
IQAC Coordinator

IQAC Coordinator
St. Joseph's College for Women
(Autonomous)
VISAKHAPATNAM-530 004

Sr. Sanyal
Principal

St. Joseph's College for Women
(Autonomous)
Visakhapatnam



St. Joseph's College for Women (Autonomous)
Visakhapatnam

Accredited with NAAC 'A' Grade; ISO 21001:2018, 14001:2015 Certified



INTERNAL QUALITY ASSURANCE CELL

PROGRAM BOOK FOR 25BCA

for the academic year
2025 - 26

PROGRAM CODE: 25BCA

**PROGRAM NAME: BCA (Honours) Bachelor of Computer
Applications**

Programme Code	Programme Name	Course Code	Course title	Credits	
25BCA	BCA (Honours) Bachelor of Computer Applications				
SEM-1		LE 1013	Advanced English	3	New
		LE 1014	Higher English	3	New
		LE 1015	Basic English	3	New
		LT 1007	Telugu	3	New
		LH 1009	Hindi	3	New
		LS 1005	Sanskrit	3	New
		LF 1007	French	3	New
		FAI 1001	Fundamentals of Artificial intelligence	4	New
		BCA-Ma1-1101	Computer Fundamentals and Office Automation	3	New
		BCA-Ma1-1151	Computer Fundamentals and Office Automation-Practical	1	New
		BCA-Ma2-1201	Problem Solving Using C	3	New
		BCA-Ma2-1251	Problem Solving Using C-Practical	1	New
SEM-2		LE 2013	Advanced English	3	New
		LE 2014	Higher English	3	New
		LE 2015	Basic English	3	New
		LT2007	Telugu	3	New
		LH2009	Hindi	3	New
		LS2005	Sanskrit	3	New
		LF2007	French	3	New
		IH 2001	Indian History	2	Existing
		AAICs	Applications of Artificial Intelligence	4	New
		BCA-Ma1-2102	Data Structures using C	3	New
		BCA-Ma1-2152	Data Structures using C Practical	1	New
		BCA-Ma2-2202	Database Management System	3	New
		BCA-Ma2-2252	Database Management System Practical	1	New
		CSP 2002	Community service project	1	New
		IKS 2001	Indian Knowledge System	0	New
SEM-3		PM 3001	Project Management	2	Existing
		POM 3001	Principles of management	2	Existing
		BCA-Ma1-3101	Database Management System	3	New
		BCA-Ma1-3151	Database Management System Lab	1	New
		BCA-Ma2-3201	Data Structures	3	New
		BCA-Ma2-3251	Data Structures Lab	1	New

		BCA-Ma3-3103	Object Oriented Programming Through JAVA	3	New
		BCA-Ma3-3351	Object Oriented Programming Through JAVA Lab	1	New
		BCA-Ma4-3104	Software Engineering	3	New
		BCA-Ma4-3451	Software Engineering Lab	1	New
		AI-Mi1-3101	Document Oriented Database	3	New
		AI-Mi1-3151	Document Oriented Database Practical	1	New
SEM-4		FE 4001	Fundamentals of Economics	2	Existing
		DM 4001	Digital Marketing	2	Existing
		BCA-Ma1-4101	Python Programming	3	New
		BCA-Ma1-4151	Python Programming Lab	1	New
		BCA-Ma2-4201	Operating Systems	3	New
		BCA-Ma2-4251	Operating Systems Lab	1	New
		BCA-Ma3-4301	Mobile Application Development using Android	3	New
		BCA-Ma3-4351	Mobile Application Development using Android Lab	1	New
		AI-Mi1-4101	Data Warehousing and Data Mining	3	New
		AI-Mi1-4151	Data Warehousing and Data Mining Lab	1	New
		AI-Mi2-4101	Introduction to AI	3	New
		AI-Mi2-4151	Introduction to AI Lab	1	New
		STI 4001	Short term Internship	4	Existing

P. Bhushan Varma
Controller of Examinations

St. Joseph's College for Women
(Autonomous)
Visakhapatnam

T. Bhaskar Reddy
IQAC Coordinator

IQAC Coordinator
St. Joseph's College for Women
(Autonomous)
VISAKHAPATNAM-530 004

Sr. S. S. S. S.
Principal

St. Joseph's College for Women
(Autonomous)
Visakhapatnam



St. Joseph's College for Women (Autonomous)
Visakhapatnam

Accredited with NAAC 'A' Grade; ISO 21001:2018, 14001:2015 Certified



INTERNAL QUALITY ASSURANCE CELL

PROGRAM BOOK FOR 25 BSc.Maths

for the academic year
2025 - 26

PROGRAM CODE: 25 BSc.Maths

PROGRAM NAME: BSc. (Honours) Mathematics

Programme Code	Programme Name	Course Code	Course title	Credits	
25 BSc. Maths	BSc. (Honours) Mathematics				
SEM-1		LE 1013	Advanced English	3	New
		LE 1014	Higher English	3	New
		LE 1015	Basic English	3	New
		LT 1007	Telugu	3	New
		LH 1009	Hindi	3	New
		LS 1005	Sanskrit	3	New
		LF 1007	French	3	New
		FAI 1001	Fundamentals of Artificial intelligence	4	New
		M-Ma1-1301	Differential Equations	4	New
		M-Ma2-1301	Solid Geometry	4	New
SEM-2		LE 2013	Advanced English	3	New
		LE 2014	Higher English	3	New
		LE 2015	Basic English	3	New
		LT2007	Telugu	3	New
		LH2009	Hindi	3	New
		LS2005	Sanskrit	3	New
		LF2007	French	3	New
		IS 2001	Introduction to Social work	2	Existing
		AAIM 2001	Applications of Artificial Intelligence	4	New
		M-Ma1-2302	Group Theory	4	New
		M-Ma1-2302	Elementary Real Analysis	4	New
		CSP 2002	Community service project	1	New
		IKS 2001	Indian Knowledge System	0	New
SEM-3		PM 3001	Project Management	2	Existing
		POM 3001	Principles of Management	2	Existing
		M-Ma1-3301	Group Theory	3	Existing
		M-Ma1-3351	Group Theory Practical	2	Existing
		M-Ma2-3301	Numerical Methods	3	Existing
		M-Ma2-3351	Numerical Methods Practical	2	Existing
		M-Ma3-3301	Laplace Transforms	3	Existing
		M-Ma3-3351	Laplace Transforms Practical	2	Existing
		M-Ma4-3301	Special Functions	3	Existing
		M-Ma4-3351	Special Functions Practical	2	Existing
		PH-Mi1-3401	Optics	3	Existing
		PH-Mi1-3451	Optics Practical	2	Existing
		CS-Mi1-3601	Object Oriented Programming using Java	3	Existing
		CS-Mi1-3651	Object Oriented Programming using Java Practical	2	Existing

SEM-4		PA 4001	Performing Arts	2	Existing
		CS 4001	Cyber Security	2	Existing
		M-Ma1 -4301	Ring Theory	3	Existing
		M-Ma1 -4351	Ring Theory Practical	2	Existing
		M-Ma2 -4301	Introduction to Real Analysis	3	Existing
		M-Ma2- 4351	Introduction to Real Analysis Practical	2	Existing
		M-Ma3- 4301	Integral Transforms	3	Existing
		M-Ma3 -4351	Integral Transforms Practical	2	Existing
		PH-Mi1- 4401	Electricity and Magnetism	3	Existing
		PH-Mi1- 4451	Electricity and Magnetism Practical	2	Existing
		PH-Mi2- 4401	Modern Physics	3	Existing
		PH-Mi2- 4451	Modern Physics Practical	2	Existing
		CS-Mi14601	Database Management System	3	Existing
		CS-Mi14651	Database Management System Practical	2	Existing
		CS-Mi24601	Object-Oriented Software Engineering	3	Existing
		CS-Mi24651	Object-Oriented Software Engineering practical	2	Existing
		STI 4001	Short term Internship	4	Existing
SEM-5		EE 5001	Environmental Education	2	New
		M-Ma1 -5301	Linear Algebra	3	New
		M-Ma1 - 5351	Linear Algebra Practical	2	New
		M-Ma2- 5301	Vector Calculus	3	New
		M-Ma2 -5351	Vector Calculus Practical	2	New
		M-Ma3 - 5301	Advanced Numerical Methods	3	New
		M-Ma3 -5351	Advanced Numerical Methods Practical	2	New
		M-Ma4- 5301	Number Theory	3	New
		M-Ma4- 5351	Number Theory Practical	2	New
		ST-Mi1 -5201	Applied Statistics	3	New
		ST-Mi1 -5251	Applied Statistics Practical	2	New
		ST-Mi2 -5201	Computational Statistics and R Programming	3	New
		ST-Mi2 -5251	Computational Statistics and R Programming Practical	2	New
		PH-Mi1- 5401	Applications of Electricity & Magnetism	3	New
		PH-Mi1- 5451	Applications of Electricity & Magnetism Practical	2	New
		PH-Mi2- 5401	Electronic Instrumentation	3	New
		PH-Mi2- 5451	Electronic Instrumentation Practical	2	New
		CS-Mi1-5601	Web Applications Development using PHP & MYSQL	3	New
		CS-Mi1-5651	Web Applications Development using PHP & MYSQL Practical	2	New
		CS-Mi2-5601	Internet of Things	3	New
		CS-Mi2-5651	Internet of Things Practical	2	New
SEM 6		SLI 6001	Semester Long Intern ship	12	Existing

P. Bhushan
Controller of Examinations
St. Joseph's College for Women
 (Autonomous)
 Visakhapatnam

T. Bhaskar
IQAC Coordinator
IQAC Coordinator
St. Joseph's College for Women
 (Autonomous)
 VISAKHAPATNAM-530 004

S. Shyji
Principal
St. Joseph's College for Women
 (Autonomous)
 Visakhapatnam



St. Joseph's College for Women (Autonomous)
Visakhapatnam

Accredited with NAAC 'A' Grade; ISO 21001:2018, 14001:2015 Certified



INTERNAL QUALITY ASSURANCE CELL

PROGRAM BOOK FOR 25 BSc.Chem.

for the academic year
2025 - 26

PROGRAM CODE: 25 BSc.Chem.

PROGRAM NAME: BSc. (Honours) Chemistry

Programme Code	Programme Name	Course Code	Course title	Credits	
25 BSc. Chem.	BSc. (Honours) Chemistry				
SEM-1		LE 1013	Advanced English	3	New
		LE 1014	Higher English	3	New
		LE 1015	Basic English	3	New
		LT 1007	Telugu	3	New
		LH 1009	Hindi	3	New
		LS 1005	Sanskrit	3	New
		LF 1007	French	3	New
		FAI 1001	Fundamentals of Artificial intelligence	4	New
		CH-Ma1-1201	General Chemistry	3	New
		CH-Ma1-1251	Qualitative analysis of simple salt	1	New
		CH-Ma2-1201	Inorganic Chemistry	3	New
		CH-Ma2-1251	Inorganic Preparations	1	New
SEM-2		LE 2013	Advanced English	3	New
		LE 2014	Higher English	3	New
		LE 2015	Basic English	3	New
		LT2007	Telugu	3	New
		LH2009	Hindi	3	New
		LS2005	Sanskrit	3	New
		LF2007	French	3	New
		IS 2001	Introduction to social work	2	Existing
		AAIM 2001	Applications of Artificial Intelligence	4	New
		CH-Ma1-2202	Organic Chemistry – I	3	New
		CH-Ma1-2252	Organic Preparations Practical	1	New
		CH-Ma2-2202	Physical Chemistry – I	3	New
		CH-Ma2-2252	Physical Chemistry – I Practical	1	New
		CSP 2002	Community service project	1	New
		IKS 2001	Indian Knowledge System	0	New
SEM-3		PM 3001	Project Management	2	Existing
		POM 3001	Principles of Management	2	Existing
		CH-Ma1-3201	Fundamentals in Organic Chemistry	3	Existing
		CH-Ma1-3251	Fundamentals in Organic Chemistry Practical	2	Existing
		CH-Ma2 -3201	Organic Chemistry (Halogen & Oxygen Organic Compounds)	3	Existing
		CH-Ma2 -3251	Organic Chemistry (Halogen & Oxygen Organic Compounds) Practical	2	Existing

		CH-Ma3 -3201	Physical Chemistry-I (Solutions and Electrochemistry)	3	Existing
		CH-Ma3 -3251	Physical Chemistry-I (Solutions and Electrochemistry) Practical	2	Existing
		CH-Ma4- 3201	Inorganic &Physical Chemistry	3	Existing
		CH-Ma4- 3251	Inorganic &Physical Chemistry Practical	2	Existing
		PH-Mi13401	Optics	3	Existing
		PH-Mi13451	Optics Practical	2	Existing
		CS-Mi1 3601	Object Oriented Programming using Java	3	Existing
		CS-Mi13651	Object Oriented Programming using Java Practical	2	Existing
		B-Mi1-3101	Vascular Plants	3	New
		B-Mi1-3151	Vascular Plants Practical	2	New
SEM-4		PA 4001	Performing arts	2	Existing
		DT 4001	Design Thinking	2	Existing
		CH-Ma1-4201	Physical Chemistry-II (States of Matter, Phase Rule & surface Chemistry)	3	Existing
		CH-Ma1-4251	Physical Chemistry-II Practical	2	Existing
		CH-Ma2-4201	General & Physical Chemistry	3	Existing
		CH-Ma2-4251	General & Physical Chemistry Practical	2	Existing
		CH-Ma3-4201	Nitrogen containing Organic Compounds & Spectroscopy	3	Existing
		CH-Ma3-4251	Nitrogen containing Organic Compounds & Spectroscopy Practical	2	Existing
		PH-Mi1- 4401	Electricity and Magnetism	3	Existing
		PH-Mi1- 4451	Electricity and Magnetism Practical	2	Existing
		PH-Mi2- 4401	Modern Physics	3	Existing
		PH-Mi2- 4451	Modern Physics Practical	2	Existing
		CS-Mi1-4601	Database Management System	3	Existing
		CS-Mi1 -4651	Database Management System Practical	2	Existing
		CS-Mi2 -4601	Object-Oriented Software Engineering	3	Existing
		CS-Mi2-4651	Object-Oriented Software Engineering practical	2	Existing
		B-Mi1-4101	Anatomy and Embryology of Angiosperms	3	New
		B-Mi1-4151	Anatomy and Embryology of Angiosperms Practical	2	New
		B-Mi2-4101	Plant Ecology, Biodiversity and Phytogeography	3	New

		B-Mi2-4151	Plant Ecology, Biodiversity and Phytogeography Practical	2	New
		STI 4001	Short Term Internship	4	Existing
SEM-5		EE 5001	Environmental Education	2	New
		CH-Ma1-5201	Environmental Chemistry	3	New
		CH-Ma1-5251	Environmental Chemistry Practical	2	New
		CH-Ma2-5201	Green Chemistry and Nanotechnology	3	New
		CH-Ma2-5251	Green Chemistry and Nanotechnology Practical	2	New
		CH-Ma3-5201	Industrial Chemistry- Fertilizers and Surface coatings	3	New
		CH-Ma3-5251	Industrial Chemistry- Fertilizers and Surface coatings Practical	2	New
		CH-Ma4-5201	Industrial Chemistry- Polymers and water analysis	3	New
		CH-Ma4-5251	Industrial Chemistry- Polymers and water analysis Practical	2	New
		ST-Mi1 5201	Applied Statistics	3	New
		ST-Mi1 5251	Applied Statistics Practical	2	New
		ST-Mi2 5201	Computational Statistics and R Programming	3	New
		ST-Mi2 5251	Computational Statistics and R Programming Practical	2	New
		PH-Mi1- 5401	Applications of Electricity & Magnetism	3	New
		PH-Mi1- 5451	Applications of Electricity & Magnetism Practical	2	New
		PH-Mi2- 5401	Electronic Instrumentation	3	New
		PH-Mi2- 5451	Electronic Instrumentation Practical	2	New
		CS-Mi1-5601	Web Applications Development using PHP & MYSQL	3	New
		CS-Mi1-5651	Web Applications Development using PHP & MYSQL Practical	2	New
		CS-Mi2-5601	Internet of Things	3	New
		CS-Mi2-5651	Internet of Things Practical	2	New
		BCH-Mi1-5801	Nutritional Biochemistry	3	New
		BCH-Mi1-5851	Nutritional Biochemistry Practical	2	New
		BCH-Mi2-5801	Enzymology	3	New
		BCH-Mi2-5851	Enzymology Practical	2	New
SEM-6		SLI 6001	Semester Long Internship	12	Existing

P. Bhushan Kumar
Controller of Examinations
St. Joseph's College for Women
 (Autonomous)
 Visakhapatnam

J. Bhaskar Kumar
IQAC Coordinator
IQAC Coordinator
St. Joseph's College for Women
 (Autonomous)
VISAKHAPATNAM-530 004

Sr. Shyama Devi
Principal
St. Joseph's College for Women
 (Autonomous)
Visakhapatnam



St. Joseph's College for Women (Autonomous)
Visakhapatnam

Accredited with NAAC 'A' Grade; ISO 21001:2018, 14001:2015 Certified



INTERNAL QUALITY ASSURANCE CELL

PROGRAM BOOK FOR 25 BSc.CSc.

for the academic year
2025 - 26

PROGRAM CODE: 25 BSc.CSc.

PROGRAM NAME: BSc. (Honours) Computer Science

Programme Code	Programme Name	Course Code	Course title	Credits	
25 BSc. CSc.	BSc. (Honours) Computer science				
SEM-1		LE 1013	Advanced English	3	New
		LE 1014	Higher English	3	New
		LE 1015	Basic English	3	New
		LT 1007	Telugu	3	New
		LH 1009	Hindi	3	New
		LS 1005	Sanskrit	3	New
		LF 1007	French	3	New
		FAI 1001	Fundamentals of Artificial intelligence	4	New
		CS-Ma1 1601	Computer Fundamentals and Office Automation	3	New
		CS-Ma1 1651	Computer Fundamentals and Office Automation-Practical	1	New
		CS-Ma2 1601	Problem Solving Using C	3	New
		CS-Ma2 1651	Problem Solving Using C-Practical	1	New
SEM-2		LE 2013	Advanced English	3	New
		LE 2014	Higher English	3	New
		LE 2015	Basic English	3	New
		LT2007	Telugu	3	New
		LH2009	Hindi	3	New
		LS2005	Sanskrit	3	New
		LF2007	French	3	New
		IH 2001	Indian History	2	Existing
		AAICs 2001	Applications of Artificial Intelligence	4	New
		CS-Ma1-2602	Data Structures using C	3	New
		CS-Ma1-2652	Data Structures using C Practical	1	New
		CS-Ma2-2602	Digital Logic Design	3	New
		CS-Ma2-2652	Digital Logic Design Practical	1	New
		CSP 2002	Community service project	1	New
		IKS 2001	Indian Knowledge System	0	New
SEM-3		PM 3001	Project Management	2	Existing
		POM 3001	Principles of Management	2	Existing
		CS-Ma1-3601	Object Oriented Programming using Java	3	Existing
		CS-Ma1-3651	Object Oriented Programming using Java Practical	2	Existing
		CS-Ma2 -3601	Data Structures using C	3	Existing
		CS-Ma2 -3651	Data Structures using C Practical	2	Existing
		CS-Ma3 -3601	Computer Organization	3	Existing

		CS-Ma3 -3651	Computer Organization Practical	2	Existing
		CS-Ma4 -3601	Operating Systems	3	Existing
		CS-Ma4 -3651	Operating Systems Practical	2	Existing
		M-Mi1 -3301	Group Theory	3	New
		M-Mi1 -3351	Group Theory Practical	2	New
		PH-Mi1-3401	Optics	3	Existing
		PH-Mi1-3451	Optics Practical	2	Existing
SEM-4		FE 4001	Fundamentals of Economics	2	Existing
		CS 4001	Cyber security	2	Existing
		CS-Ma14601	Database Management System	3	Existing
		CS-Ma14651	Database Management System Practical	2	Existing
		CS-Ma24601	Object-Oriented Software Engineering	3	Existing
		CS-Ma24651	Object-Oriented Software Engineering practical	2	Existing
		CS-Ma34601	Data Communications and Computer Networks	3	Existing
		CS-Ma34651	Data Communications and Computer Networks Practical	2	Existing
		M-Mi1 -4301	Ring Theory	3	New
		M-Mi1-4351	Ring Theory Practical	2	New
		M-Mi2-4301	Introduction to Real Analysis	3	New
		M-Mi2 -4351	Introduction to Real Analysis Practical	2	New
		PH-Mi1- 4401	Electricity and Magnetism	3	Existing
		PH-Mi1- 4451	Electricity and Magnetism Practical	2	Existing
		PH-Mi2- 4401	Modern Physics	3	Existing
		PH-Mi2- 4451	Modern Physics Practical	2	Existing
		STI 4001	Short Term Internship	12	Existing
SEM-5		EE 5001	Environment Education	2	New
		CS-Ma1-5601	Web Interface Designing Technologies	3	New
		CS-Ma1-5651	Web Interface Designing Technologies Practical	2	New
		CS-Ma2-5601	Web Applications Development using PHP & MYSQL	3	New
		CS-Ma2-5651	Web Applications Development using PHP & MYSQL Practical	2	New
		CS-Ma3-5601	Foundations of Data Science	3	New
		CS-Ma3-5651	Foundations of Data Science Practical	2	New
		CS-Ma4-5601	Application development using Python	3	New

		CS-Ma4-5651	Application development using Python Practical	2	New
		PH-Mi1- 5401	Applications of Electricity & Magnetism	3	New
		PH-Mi1- 5451	Applications of Electricity & Magnetism Practical	2	New
		PH-Mi2- 5401	Electronic Instrumentation	3	New
		PH-Mi2- 5451	Electronic Instrumentation Practical	2	New
		ST-Mi1 5201	Applied Statistics	3	New
		ST-Mi1 5251	Applied Statistics Practical	2	New
		ST-Mi2 5201	Computational Statistics and R Programming	3	New
		ST-Mi2 5251	Computational Statistics and R Programming Practical	2	New
SEM-6		SLI 6001	Semester Long Internship	12	Existing

P. Bhusha Valtu
Controller of Examinations

J. Bhusha Sulu
IQAC Coordinator

S. Shyji
Principal

St. Joseph's College for Women
(Autonomous)
Visakhapatnam

IQAC Coordinator
St. Joseph's College for Women
(Autonomous)
VISAKHAPATNAM-530 004

St. Joseph's College for Women
(Autonomous)
Visakhapatnam



St. Joseph's College for Women (Autonomous)
Visakhapatnam

Accredited with NAAC 'A' Grade; ISO 21001:2018, 14001:2015 Certified



INTERNAL QUALITY ASSURANCE CELL

PROGRAM BOOK FOR 25BSc. Data Sci.

for the academic year
2025 - 26

PROGRAM CODE: 25BSc. Data Sci.

PROGRAM NAME: BSc. (Honours) Data Science

Programme Code	Programme Name	Course Code	Course title	Credits	
25BSc.	BSc. (Honours) Data Science				
SEM-1		LE 1013	Advanced English	3	New
		LE 1014	Higher English	3	New
		LE 1015	Basic English	3	New
		LT 1007	Telugu	3	New
		LH 1009	Hindi	3	New
		LS 1005	Sanskrit	3	New
		LF 1007	French	3	New
		FAI 1001	Fundamentals of Artificial intelligence	4	New
		DS-Ma1-1101	Computer Fundamentals and Office Automation	3	New
		DS-Ma1-1151	Computer Fundamentals and Office Automation Practical	1	New
		DS-Ma2-1101	Problem Solving Using C	3	New
		DS-Ma2-1151	Problem Solving Using C Practical	1	New
SEM-2		LE 2013	Advanced English	3	New
		LE 2014	Higher English	3	New
		LE 2015	Basic English	3	New
		LT2007	Telugu	3	New
		LH2009	Hindi	3	New
		LS2005	Sanskrit	3	New
		LF2007	French	3	New
		IH 2001	Indian History	2	Existing
		AAICs 2001	Applications of Artificial Intelligence	4	New
		BCA-Ma1-2101	Python Programming and Data Structures	3	New
		BCA-Ma1-2151	Python Programming and Data Structures Practical	1	New
		BCA-Ma2-2101	Statistical Foundations for Data Science	3	New
		BCA-Ma2-2151	Statistical Foundations for Data Science Practical	1	New
		CSP 2002	Community service project	1	New
		IKS 2001	Indian Knowledge System	0	New

P. Bhusha Vattu
Controller of Examinations

St. Joseph's College for Women
(Autonomous)
Visakhapatnam

T. Bhaskar Reddy
IQAC Coordinator

IQAC Coordinator
St. Joseph's College for Women
(Autonomous)
VISAKHAPATNAM-530 004

S. S. Srinivas
Principal

St. Joseph's College for Women
(Autonomous)
Visakhapatnam



St. Joseph's College for Women (Autonomous)
Visakhapatnam

Accredited with NAAC 'A' Grade; ISO 21001:2018, 14001:2015 Certified



INTERNAL QUALITY ASSURANCE CELL

PROGRAM BOOK FOR 25 BSc. Stat.

for the academic year

2025 - 26

PROGRAM CODE: 25BSc. Stat.

PROGRAM NAME: BSc. (Honours) Statistics

Programme Code	Programme Name	Course Code	Course title	Credits	
25BSc. Stat.	BSc. (Honours) Statistics				
SEM-1		LE 1013	Advanced English	3	New
		LE 1014	Higher English	3	New
		LE 1015	Basic English	3	New
		LT 1007	Telugu	3	New
		LH 1009	Hindi	3	New
		LS 1005	Sanskrit	3	New
		LF 1007	French	3	New
		FAI 1001	Fundamentals of Artificial intelligence	4	New
		ST-Ma1-1201	Descriptive Statistics	3	New
		ST-Ma1-1251	Descriptive Statistics Practical	1	New
		ST-Ma2-1201	Theory of Probability and Mathematical Expectations	3	New
		ST-Ma2-1251	Theory of Probability and Mathematical Expectations Practical	1	New
SEM-2		LE 2013	Advanced English	3	New
		LE 2014	Higher English	3	New
		LE 2015	Basic English	3	New
		LT2007	Telugu	3	New
		LH2009	Hindi	3	New
		LS2005	Sanskrit	3	New
		LF2007	French	3	New
		IS 2001	Introduction to social work	2	Existing
		AAIM 2001	Applications of Artificial Intelligence	4	New
		ST-Ma1-2202	Theoretical Discrete Distributions	3	New
		ST-Ma1-2252	Theoretical Discrete Distributions Practical	1	New
		ST-Ma2-2202	Theoretical Continuous Distributions	3	New
		ST-Ma2 -2252	Theoretical Continuous Distributions Practical	1	New
		CSP 2002	Community service project	1	New
		IKS 2001	Indian Knowledge System	0	New

P. Bhushan Vattu
Controller of Examinations

St. Joseph's College for Women
(Autonomous)
Visakhapatnam

T. Bhaskar Reddy
IQAC Coordinator

IQAC Coordinator
St. Joseph's College for Women
(Autonomous)
VISAKHAPATNAM-530 004

S. Sanyal
Principal

St. Joseph's College for Women
(Autonomous)
Visakhapatnam



St. Joseph's College for Women (Autonomous)
Visakhapatnam

Accredited with NAAC 'A' Grade; ISO 21001:2018, 14001:2015 Certified



INTERNAL QUALITY ASSURANCE CELL

PROGRAM BOOK FOR 25 BSc.Bot.

for the academic year
2025 - 26

PROGRAM CODE: 25 BSc.Bot.

PROGRAM NAME: BSc. (HONOURS) Botany

Programme Code	Programme Name	Course Code	Course title	Credits	
25 BSc.Bot.	BSc. (HONOURS) Botany				
SEM-1		LE 1013	Advanced English	3	New
		LE 1014	Higher English	3	New
		LE 1015	Basic English	3	New
		LT 1007	Telugu	3	New
		LH 1009	Hindi	3	New
		LS 1005	Sanskrit	3	New
		LF 1007	French	3	New
		FAI 1001	Fundamentals of Artificial intelligence	4	New
		B-Ma1-1101	Diversity of Microbes	3	New
		B-Ma1-1151	Diversity of Microbes - Practical	1	New
		B-Ma2-1101	Diversity of Thallophytes	3	New
		B-Ma2-1151	Diversity of Thallophytes - Practical	1	New
SEM-2		LE 2013	Advanced English	3	New
		LE 2014	Higher English	3	New
		LE 2015	Basic English	3	New
		LT2007	Telugu	3	New
		LH2009	Hindi	3	New
		LS2005	Sanskrit	3	New
		LF2007	French	3	New
		IS 2001	Introduction to Social work	2	Existing
		AAIB 2001	Applications of Artificial Intelligence	4	New
		B-Ma1-2102	Diversity of Archegoniate	3	New
		B-Ma1-2152	Diversity of Archegoniate - Practical	1	New
		B-Ma2-2102	Anatomy and Embryology of Angiosperms	3	New
		B-Ma2-2152	Anatomy and Embryology of Angiosperms Practical	1	New
		CSP 2002	Community service project	1	New
		IKS 2001	Indian Knowledge System	0	New
SEM-5		EE 5001	Environmental Education	2	New
		B-Ma1-5101	Cell Biology and Genetics	3	New
		B-Ma1-5151	Cell Biology and Genetics Practical	2	New
		B-Ma2-5101	Plant Physiology and Metabolism	3	New
		B-Ma2-5151	Plant Physiology and Metabolism Practical	2	New

		B-Ma3-5101	Organic Farming	3	New
		B-Ma3-5151	Organic Farming Practical	2	New
		B-Ma4-5101	Plant Propagation Techniques	3	New
		B-Ma4-5151	Plant Propagation Techniques Practical	2	New
		BCH-Mi1-5801	Nutritional Biochemistry	3	New
		BCH-Mi1-5851	Nutritional Biochemistry Practical	2	New
		BCH-Mi2-5801	Enzymology	3	New
		BCH-Mi2-5851	Enzymology Practical	2	New
SEM-6		SLI 6001	Semester long Internship	12	Existing

P. Bhushan Kumar
Controller of Examinations

T. Bhaskar Kumar
IQAC Coordinator

S. Shyama
Principal

St. Joseph's College for Women
(Autonomous)
Visakhapatnam

IQAC Coordinator
St. Joseph's College for Women
(Autonomous)
VISAKHAPATNAM-530 004

St. Joseph's College for Women
(Autonomous)
Visakhapatnam



St. Joseph's College for Women (Autonomous)
Visakhapatnam

Accredited with NAAC 'A' Grade; ISO 21001:2018, 14001:2015 Certified



INTERNAL QUALITY ASSURANCE CELL

PROGRAM BOOK FOR 25 BSc.Zool.

for the academic year
2025 - 26

PROGRAM CODE: 25 BSc.Zool.

PROGRAM NAME: BSc. (HONOURS) Zoology

Programme Code	Programme Name	Course Code	Course title	Credits	
25BSc.Zool.	BSc. (HONOURS) Zoology				
SEM-1		LE 1013	Advanced English	3	New
		LE 1014	Higher English	3	New
		LE 1015	Basic English	3	New
		LT 1007	Telugu	3	New
		LH 1009	Hindi	3	New
		LS 1005	Sanskrit	3	New
		LF 1007	French	3	New
		FAI 1001	Fundamentals of Artificial intelligence	4	New
		Z-Ma1-1501	Animal Diversity-I Biology of Non- Chordates	3	New
		Z-Ma1-1551	Animal Diversity-I Biology of Non- Chordates-Practical	1	New
		Z-Ma2-1501	Animal Diversity-II Biology of Chordates	3	New
		Z-Ma2-1501	Animal Diversity-II Biology of Chordates Practical	1	New
SEM-2		LE 2013	Advanced English	3	New
		LE 2014	Higher English	3	New
		LE 2015	Basic English	3	New
		LT2007	Telugu	3	New
		LH2009	Hindi	3	New
		LS2005	Sanskrit	3	New
		LF2007	French	3	New
		IS 2001	Introduction to Social work	2	Existing
		AAIB 2001	Applications of Artificial Intelligence	4	New
		Z-Ma1-2502	Cell and Molecular Biology	3	New
		Z-Ma1-2552	Cell and Molecular Biology- Practical	1	New
		Z-Ma2-2502	Embryology	3	New
		Z-Ma2-2552	Embryology Practical	1	New
		CSP 2002	Community service project	1	New
		IKS 2001	Indian Knowledge System	0	New
SEM-3		PM 3001	Project Management	2	Existing
		POM 3001	Principles of Management	2	Existing
		Z-Ma1-3501	Animal Diversity-II Biology of Chordates	3	Existing

		Z-Ma1-3551	Animal Diversity-II Biology of Chordates Practical	2	Existing
		Z-Ma2-3501	Principles of Genetics	3	Existing
		Z-Ma2-3551	Principles of Genetics Practical	2	Existing
		Z-Ma3-3501	Animal Biotechnology	3	Existing
		Z-Ma3-3551	Animal Biotechnology Practical	2	Existing
		Z-Ma4-3501	Evolution and Zoogeography	3	Existing
		Z-Ma43551	Evolution and Zoogeography Practical	2	Existing
		B-Mi1-3101	Vascular Plants	3	New
		B-Mi1-3151	Vascular Plants Practical	2	New
SEM-4		FE 4001	Fundamentals of Economics	2	Existing
		DT 4001	Design Thinking	2	Existing
		Z-Ma1-4501	Embryology	3	Existing
		Z-Ma1-4551	Embryology Practical	2	Existing
		Z-Ma2-4501	Animal Physiology: Life Sustaining Systems	3	Existing
		Z-Ma2-4551	Animal Physiology: Life Sustaining Systems Practical	2	Existing
		Z-Ma3-4501	Immunology	3	Existing
		Z-Ma3-4551	Immunology Practical	2	Existing
		B-Mi1 -4101	Anatomy and Embryology of Angiosperms	3	New
		B-Mi1-4151	Anatomy and Embryology of Angiosperms Practical	2	New
		B-Mi2-4101	Plant Ecology, Biodiversity and Phytogeography	3	New
		B-Mi2-4151	Plant Ecology, Biodiversity and Phytogeography Practical	2	New
		STI 4001	Short term Internship	4	Existing
SEM-5		EE 5001	Environmental Education	2	New
		Z-Ma1-5501	Poultry Management-I	3	New
		Z-Ma1-5551	Poultry Management-I Practical	2	New
		Z-Ma2-5501	Poultry Management-II	3	New
		Z-Ma2-5551	Poultry Management-II Practical	2	New
		Z-Ma3-5501	Sustainable Aquaculture Management	3	New
		Z-Ma3-5551	Sustainable Aquaculture Management Practical	2	New

		Z-Ma4-5501	Post-Harvest Technology of Fish and Fisheries	3	New
		Z-Ma4-5551	Post-Harvest Technology of Fish and Fisheries Practical	2	New
		BCH-Mi1-5801	Nutritional Biochemistry	3	New
		BCH-Mi1-5851	Nutritional Biochemistry Practical	2	New
		BCH-Mi2-5801	Enzymology	3	New
		BCH-Mi2-5851	Enzymology Practical	2	New
SEM-6		SLI 6001	Semester long Internship	12	Existing

P. Bhushan Kumar
Controller of Examinations

T. Bhaskar Reddy
IQAC Coordinator

Sr. S. S. S. S.
Principal

St. Joseph's College for Women
(Autonomous)
Visakhapatnam

IQAC Coordinator
St. Joseph's College for Women
(Autonomous)
VISAKHAPATNAM-530 004

St. Joseph's College for Women
(Autonomous)
Visakhapatnam



St. Joseph's College for Women (Autonomous)
Visakhapatnam

Accredited with NAAC 'A' Grade; ISO 21001:2018, 14001:2015 Certified



INTERNAL QUALITY ASSURANCE CELL

PROGRAM BOOK FOR 25 BSc. Biotech.

for the academic year
2025 - 26

PROGRAM CODE: 25 BSc.Biotech.

PROGRAM NAME: BSc. (HONOURS) Biotechnology

Programme Code	Programme Name	Course Code	Course title	Credits	
25 BSc. Biotech.	BSc. (HONOURS) Biotechnology				
SEM-1		LE 1013	Advanced English	3	New
		LE 1014	Higher English	3	New
		LE 1015	Basic English	3	New
		LT 1007	Telugu	3	New
		LH 1009	Hindi	3	New
		LS 1005	Sanskrit	3	New
		LF 1007	French	3	New
		FAI 1001	Fundamentals of Artificial intelligence	4	New
		BTH-Ma1 1701	Introduction to Cell Biology and Genetics	3	New
		BTH-Ma1 1751	Introduction to Cell Biology and Genetics Practical	1	New
		BTH-Ma2 1701	Biological Chemistry	3	New
		BTH-Ma2 1751	Biological Chemistry Practical	1	New
SEM-2		LE 2013	Advanced English	3	New
		LE 2014	Higher English	3	New
		LE 2015	Basic English	3	New
		LT2007	Telugu	3	New
		LH2009	Hindi	3	New
		LS2005	Sanskrit	3	New
		LF2007	French	3	New
		IS 2001	Introduction to Social work	2	Existing
		AAIB 2001	Applications of Artificial Intelligence	4	New
		BTH-Ma1-2702	Microbiology	3	New
		BTH-Ma1-2752	Microbiology Practical	1	New
		BTH-Ma2-2702	Basic Immunology	3	New
		BTH-Ma2-2752	Basic Immunology Practical	1	New
		CSP 2002	Community service project	1	New
		IKS 2001	Indian Knowledge System	0	New
SEM-3		PM 3001	Project Management	2	Existing
		POM 3001	Principles of Management	2	Existing
		BTH-Ma13701	Plant and Animal Biotechnology	3	Existing
		BTH-Ma13751	Plant and Animal Biotechnology Practical	2	Existing
		BTH-Ma23701	Molecular Biology	3	Existing

		BTH-Ma23751	Molecular Biology Practical	2	Existing
		BTH-Ma33701	Genetic Engineering	3	Existing
		BTH-Ma33751	Genetic Engineering Practical	2	Existing
		BTH-Ma43701	Metabolism	3	Existing
		BTH-Ma43751	Metabolism Practical	2	Existing
		B-Mi1-3101	Vascular Plants	3	New
		B-Mi1-3151	Vascular Plants Practical	2	New
SEM-4		PA 4001	Performing Arts	2	Existing
		CS 4001	Cyber security	2	Existing
		BTH-Ma14701	Immunology	3	Existing
		BTH-Ma14751	Immunology Practical	2	Existing
		BTH-Ma24701	Bioinformatics and Biostatistics	3	Existing
		BTH-Ma24751	Bioinformatics and Biostatistics Practical	2	Existing
		BTH-Ma34701	Medical Biotechnology	3	Existing
		BTH-Ma34751	Medical Biotechnology Practical	2	Existing
		B-Mi1-4101	Anatomy and Embryology of Angiosperms	3	New
		B-Mi1-4151	Anatomy and Embryology of Angiosperms Practical	2	New
		B-Mi2-4101	Plant Ecology, Biodiversity and Phytogeography	3	New
		B-Mi2-4151	Plant Ecology, Biodiversity and Phytogeography Practical	2	New
		STI 4001	Short Term Internship	4	Existing
SEM-5		EE 5001	Environmental Education	2	New
		BTH-Ma1-5701	Industrial Biotechnology	3	New
		BTH-Ma1-5751	Industrial Biotechnology Practical	2	New
		BTH-Ma2-5701	Food & Nutritional Biotechnology	3	New
		BTH-Ma2-5751	Food & Nutritional Biotechnology Practical	2	New
		BTH-Ma3-5701	Genomics & Proteomics	3	New
		BTH-Ma3-5751	Genomics & Proteomics Practical	2	New
		BTH-Ma4-5701	Nanotechnology & Pharmaceutical Biotechnology	3	New
		BTH-Ma4-5751	Nanotechnology & Pharmaceutical Biotechnology Practical	2	New

		BCH-Mi1-5801	Nutritional Biochemistry	3	New
		BCH-Mi1-5851	Nutritional Biochemistry Practical	2	New
		BCH-Mi2-5801	Enzymology	3	New
		BCH-Mi2-5851	Enzymology Practical	2	New
SEM-6		SLI 6001	Semester Long Internship	12	Existing

P. Bhusha Venu
Controller of Examinations

St. Joseph's College for Women
(Autonomous)
Visakhapatnam

J. Bhaskar Reddy
IQAC Coordinator

IQAC Coordinator
St. Joseph's College for Women
(Autonomous)
VISAKHAPATNAM-530 004

Dr. Shyji
Principal

St. Joseph's College for Women
(Autonomous)
Visakhapatnam



St. Joseph's College for Women (Autonomous)
Visakhapatnam

Accredited with NAAC 'A' Grade; ISO 21001:2018, 14001:2015 Certified



INTERNAL QUALITY ASSURANCE CELL

PROGRAM BOOK FOR 25 BSc.Biochem.

for the academic year
2025 - 26

PROGRAM CODE: 25 BSc.Biochem.

PROGRAM NAME: BSc. (HONOURS) Biochemistry

Programme Code	Programme Name	Course Code	Course title	Credits	
25 BSc. Biochem.	BSc. (HONOURS) Biochemistry				
SEM-1		LE 1013	Advanced English	3	New
		LE 1014	Higher English	3	New
		LE 1015	Basic English	3	New
		LT 1007	Telugu	3	New
		LH 1009	Hindi	3	New
		LS 1005	Sanskrit	3	New
		LF 1007	French	3	New
		FAI 1001	Fundamentals of Artificial intelligence	4	New
		BCH-Ma1- 1801	Biomolecules	3	New
		BCH-Ma1- 1851	Biomolecules Practical	1	New
		BCH-Ma2 1801	Cell Biology	3	New
		BCH-Ma2 1851	Cell Biology Practical	1	New
SEM-2		LE 2013	Advanced English	3	New
		LE 2014	Higher English	3	New
		LE 2015	Basic English	3	New
		LT2007	Telugu	3	New
		LH2009	Hindi	3	New
		LS2005	Sanskrit	3	New
		LF2007	French	3	New
		IS 2001	Introduction to Social work	2	Existing
		AAIB 2001	Applications of Artificial Intelligence	4	New
		BCH-Ma1-2802	Genetics	3	New
		BCH-Ma1-2852	Genetics Practical	1	New
		BCH-Ma2-2802	General Physiology	3	New
		BCH-Ma2-2852	General Physiology Practical	1	New
		CSP 2002	Community service project	1	New
		IKS 2001	Indian Knowledge System	0	New
SEM-3		PM 3001	Project Management	2	Existing
		POM 3001	Principles of Management	2	Existing
		BCH-Ma1-3801	Analytical techniques	3	Existing
		BCH-Ma1-3851	Analytical techniques Practical	2	Existing
		BCH-Ma2-3801	Basic Microbiology	3	Existing
		BCH-Ma2-3851	Basic Microbiology Practical	2	Existing
		BCH-Ma3-3801	General Physiology	3	Existing
		BCH-Ma3-3851	General Physiology Practical	2	Existing
		BCH-Ma4-3801	Genetics	3	Existing

		BCH-Ma4 -3851	Genetics Practical	2	Existing
		B-Mi1-3101	Vascular Plants	3	New
		B-Mi1-3151	Vascular Plants Practical	2	New
SEM-4		FE 4001	Fundamentals of Economics	2	Existing
		DT 4001	Design thinking	2	Existing
		BCH-Ma1-4801	Bioenergetics and Metabolism of Carbohydrates and Lipids	3	Existing
		BCH-Ma1-4851	Bioenergetics and Metabolism of Carbohydrates and Lipids Practical	2	Existing
		BCH-Ma2-4801	Clinical Biochemistry	3	Existing
		BCH-Ma2-4851	Clinical Biochemistry Practical	2	Existing
		BCH-Ma3-4801	Immunology	3	Existing
		BCH-Ma3-4851	Immunology practical	2	Existing
		B-Mi1-4101	Anatomy and Embryology of Angiosperms	3	New
		B-Mi1-4151	Anatomy and Embryology of Angiosperms Practical	2	New
		B-Mi2-4101	Plant Ecology, Biodiversity and Phytogeography	3	New
		B-Mi2-4151	Plant Ecology, Biodiversity and Phytogeography Practical	2	New
		STI 4001	Short Term Internship	4	Existing

P. Bhusha

Controller of Examinations

St. Joseph's College for Women
(Autonomous)
Visakhapatnam

T. Bhaskar

IQAC Coordinator

IQAC Coordinator
St. Joseph's College for Women
(Autonomous)
VISAKHAPATNAM-530 004

S. S. S. S.

Principal

St. Joseph's College for Women
(Autonomous)
Visakhapatnam



St. Joseph's College for Women (Autonomous)
Visakhapatnam

Accredited with NAAC 'A' Grade; ISO 21001:2018, 14001:2015 Certified



INTERNAL QUALITY ASSURANCE CELL

PROGRAM BOOK FOR 25 BSc. HSc.

for the academic year
2025 - 26

PROGRAM CODE: 25 BSc.HSc.

PROGRAM NAME: BSc. (HONOURS) Home Science

Programme Code	Programme Name	Course Code	Course title	Credits	
25 BSc. HSc.	BSc. (HONOURS) Home Science				
SEM-1		LE 1013	Advanced English	3	New
		LE 1014	Higher English	3	New
		LE 1015	Basic English	3	New
		LT 1007	Telugu	3	New
		LH 1009	Hindi	3	New
		LS 1005	Sanskrit	3	New
		LF 1007	French	3	New
		FAI 1001	Fundamentals of Artificial intelligence	4	New
		HS-Ma1-1101	Introduction to Home Science	3	New
		HS-Ma1-1151	Introduction to Home Science Practical	1	New
		HS-Ma2-1201	Housing for Better Living	3	New
		HS-Ma2-1251	Housing for Better Living Practical	1	New
SEM-2		LE 2013	Advanced English	3	New
		LE 2014	Higher English	3	New
		LE 2015	Basic English	3	New
		LT2007	Telugu	3	New
		LH2009	Hindi	3	New
		LS2005	Sanskrit	3	New
		LF2007	French	3	New
		IS 2001	Introduction to Social work	2	Existing
		AAIB 2001	Applications of Artificial Intelligence	4	New
		HS 2102	Fundamentals of Textiles and Clothing	3	New
		HS 2152	Fundamentals of Textiles and Clothing Practical	1	New
		HS 2202	Essentials of Home Science Extension	3	New
		HS 2252	Essentials of Home Science Extension Practical	1	New
		CSP 2002	Community service project	1	New
		IKS 2001	Indian Knowledge System	0	New
SEM-3		PM 3001	Project Management	2	Existing
		POM 3001	Principles of Management	2	Existing
		HS 3101	Fundamentals of Textiles	3	Existing
		HS 3151	Fundamentals of Textiles practical	2	Existing
		HS 3201	Life Span Development	3	Existing

		HS 3251	Life Span Development practical	2	Existing
		HS 3301	Resource Management	3	Existing
		HS 3351	Resource Management practical	2	Existing
		HS 3401	Extension Education & Community Development	3	Existing
		HS 3451	Extension Education & Community Development practical	2	Existing
		HS-Mi 3501	Basic Nutrition	3	Existing
		HS-Mi 3551	Basic Nutrition Practical	2	Existing
SEM-4		PA 4001	Performing Arts	2	Existing
		CS 4001	Cyber security	2	Existing
		HS 4101	Interior Design & Decoration	3	Existing
		HS 4151	Interior Design & Decoration Practical	2	Existing
		HS 4201	Textile Design	3	Existing
		HS 4251	Textile Design Practical	2	Existing
		HS 4301	Nutritional Biochemistry	3	Existing
		HS 4351	Nutritional Biochemistry Practical	2	Existing
		HS- Mi14401	Human Physiology	3	Existing
		HS-Mi1 4451	Computer Applications I	2	Existing
		HS-Mi2 4501	Family & Community Nutrition	3	Existing
		HS-Mi2 4551	Family & Community Nutrition Practical	2	Existing
		STI 4001	Short Term Internship	4	Existing
SEM-5		EE 5001	Environmental Education	2	New
		HS 5101	Early Childhood Education	3	New
		HS 5151	Early Childhood Education Practical	2	New
		HS 5201	Human Development & Family Dynamics	3	New
		HS 5251	Computer Application -II	2	New
		HS 5301	Apparel Design	3	New
		HS 5351	Apparel Design Practical	2	New
		HS 5401	Family Economics	3	New
		HS 5451	Family Economics Practical	2	New
SEM-6		SLI 6001	Semester Long Internship	12	Existing

P. Bhusha Vettu
Controller of Examinations

St. Joseph's College for Women
(Autonomous)
Visakhapatnam

T. Bhaskarulu
IQAC Coordinator

IQAC Coordinator
St. Joseph's College for Women
(Autonomous)
VISAKHAPATNAM-530 004

Sr. Bhagya
Principal

St. Joseph's College for Women
(Autonomous)
Visakhapatnam



St. Joseph's College for Women (Autonomous)

Visakhapatnam

Accredited with NAAC 'A' Grade; ISO 21001:2018, 14001:2015 Certified



INTERNAL QUALITY ASSURANCE CELL

PROGRAM BOOK FOR 25BScAGR

for the academic year

2025-2026

PROGRAM CODE: 25BSc.AGRD

PROGRAM NAME: B.Sc. (Honours) Agriculture and Rural Development

Programme Code	Programme Name	Course Code	Course title	Credits	
25 BSc. AGRD	B.Sc. (Honours) Agriculture and Rural Development				
SEM-VII		RAWE 401	Rural Agricultural Work Experience (RAWE) and Agro-Industrial Attachment (AIA) Changes	20	New
SEM-VIII		AELP 402	Agriculture Experiential Learning Programme	20	New

P. Bhushan Varma
Controller of Examinations

St. Joseph's College for Women
(Autonomous)
Visakhapatnam

IQAC Coordinator

IQAC Coordinator
St. Joseph's College for Women
(Autonomous)
VISAKHAPATNAM-530 004

S. S. Srinivas
Principal

St. Joseph's College for Women
(Autonomous)
Visakhapatnam



St. Joseph's College For Women (Autonomous)

Visakhapatnam

Accredited with NAAC 'A' Grade; ISO 21001:2018, 14001:2015 Certified



INTERNAL QUALITY ASSURANCE CELL

PROGRAM BOOK FOR 25 BSc. AGRD

for the academic year

2025-26

PROGRAM CODE: 25 BSc. AGRD

PROGRAM NAME: B.Sc. (Honours) Agriculture and Rural Development

Programme Code	Programme Name	Course Code	Course title	Credits	
25 BSc. AGRD	B.Sc. (Honours) Agriculture and Rural Development				
SEM-1		LE 1013	Advanced English	3	New
		LE 1014	Higher English	3	New
		LE 1015	Basic English	3	New
		LT 1007	Telugu	3	New
		LH 1009	Hindi	3	New
		LS 1005	Sanskrit	3	New
		LF 1007	French	3	New
		FAI 1001	Fundamentals of Artificial intelligence	4	New
		AGRD 141	Agriculture Economics	2	New
		AGRD 101	Fundamentals of Agronomy	1	New
		AGRD 101P	Fund. of Agronomy Practical	1	New
		AGRD 111	Fundamentals of Plant breeding	2	New
		AGRD 111P	Fundamentals of Plant breeding Practical	1	New
		AGRD 171	Introduction to Plant Pathology	1	New
		AGRD 171P	Introduction to Plant Pathology Practical	1	New
SEM-2		LE 2013	Advanced English	3	New
		LE 2014	Higher English	3	New
		LE 2015	Basic English	3	New
		LT2007	Telugu	3	New
		LH2009	Hindi	3	New
		LS2005	Sanskrit	3	New
		LF2007	French	3	New
		IS 2001	Introduction to Social work	2	New
		AAIB 2001	Applications of Artificial Intelligence	4	New
		AGRD103	Agrometeorology & Climatic Changes	1	New
		AGRD103P	Agrometeorology & Climatic Changes Practical	1	New
		AGRD131	Fundamentals of Entomology	1	New
		AGRD131P	Fundamentals of Entomology Practical	1	New
		AGRD121	Fundamentals of Soil Science	1	New
		AGRD121	Fundamentals of Soil Science Practical	1	New
		AGRD151	Soil & Water Conservation Engineering	1	New
		AGRD151P	Soil & Water Conservation Engineering Practical	1	New
		AGRD120	Extension & Rural Development in India	2	New
		CSP 2002	Community Service Project	1	New
		IKS 2001	Indian Knowledge System	0	New
SEM-3		AMRD 202	Agriculture Microbiology	2	Existing
		BCA 2001	Basic Computer Application	2	Existing

		AGRO 201	Crop Production Technology – I	2	Existing
		AGRO 201P	Crop Production Technology – I Practical	1	Existing
		AGRD 219	Economics for Rural Development	2	Existing
		AGRD 231	Insect Ecology & IPM	2	Existing
		AGRD 231P	Insect Ecology & IPM Practical	1	Existing
		AGRD 241	Agricultural Finance and Co-Operation	2	Existing
		AGRD 271	Principles of Plant Pathology-II	1	Existing
		AGRD 271P	Principles of Plant Pathology-II Practical	1	Existing
		AGRD 251	Farm Machinery and Power	1	Existing
		AGRD 251P	Farm Machinery and Power Practical	1	Existing
		AGRD 261	Eco-Physiology	1	Existing
		AGRD 261P	Eco-Physiology Practical	1	Existing
		HORD 281	Production Technology for Vegetables and Spices	1	Existing
		HORD 281P	Production Technology for Vegetables and Spices Practical	1	Existing
		HORD 281	Production Technology for Ornamental Crops & Landscaping	1	Existing
		HORD 281P	Production Technology for Ornamental Crops & Landscaping Practical	1	Existing
SEM-4		EDB 203	Entrepreneurship Development & Business	2	Existing
		WMRD 204	Weed Management	2	Existing
		AGRO 202	Crop Production Technology – II	2	Existing
		AGRO 202P	Crop Production Technology – II Practical	1	Existing
		AGRD 203	Irrigation, Water management & Farming system	1	Existing
		AGRD 203P	Irrigation, Water management & Farming system Practical	1	Existing
		AGRD 242	Agriculture, Marketing, Trade and Prices	2	Existing
		AGRD 221	Manures, Fertilizers & Soil fertility	2	Existing
		AGRD 221P	Manures, Fertilizers & Soil fertility Practical	1	Existing
		AGRD 252	Renewable Energy and Green Technology	1	Existing
		AGRD 252P	Renewable Energy and Green Technology Practical	1	Existing
		AGRD 220	Rural development Planning & Management	2	Existing

		HORD 282	Production Technology of Fruits and Plantation	2	Existing
		HORD 282P	Production Technology of Fruits and Plantation Practical	1	Existing
		HORD 284	Post Harvest Management of Fruits and Vegetables	2	Existing
		HORD 284P	Post Harvest Management of Fruits and Vegetables Practical	1	Existing
		STI 4001	Short Term Internship	4	Existing
SEM-5		EE 5001	Environmental Education	2	New
		AGRD 301	Geo informatics & Nanotechnology	2	New
		AGRD 301P	Geo informatics & Nanotechnology Practical	2	New
		AGRD 311	Crop Improvement - I	2	New
		AGRD 311P	Crop Improvement- I – Practical	1	New
		AGRD 319	Rural Industrialization & Entrepreneurship	2	New
		AGRD 321	Problematic Soils and their Management	1	New
		AGRD 321P	Problematic Soils and their Management Practical	1	New
		AGRD 331	Pests of Field Crops & Stored Grain Management	2	New
		AGRD 331P	Pests of Field Crops & Stored Grain Management -Practical	1	New
		AGRD 351	Protected Cultivation & Post-harvest Technologies	1	New
		AGRD 351P	Protective Cultivation and Post-harvest Technology - Practical	1	New
		AGRD 371	Diseases of Field Crops and their Management	2	New
		AGRD 371P	Diseases of Field Crops & their Management Practical	1	New
		HORD 387	Production technology of Flower crops	1	New
		HORD 387P	Production technology of flower crops Practical	1	New
SEM-6		AGRD303	Rainfed Agriculture & Watershed Management	2	New
		AGRD303P	Rainfed Agriculture & Water Management Practical	1	New
		AGRD312	Crop Improvement-II	2	New
		GPBR312P	Crop Improvement-II Practical	1	New
		AGRD320	Communication and Personality Development	1	New
		AGRD332	Pest of Horticulture Crops & Beneficial Insects	2	New
		AGRD332P	Pest of Horticulture Crops & Beneficial	1	New

			Insects- Practical		
		AGRD341	Farm Management & Resource Economics	1	New
		AGRD341P	Farm Management & Resource Economics-Practical	1	New
		AGRD372	Diseases of Horticulture Crops and their management	1	New
		AGRD372P	Diseases of Horticulture crops & their management- Practical	1	New
		HORD390	Processing of Horticulture crops	1	New
		HORD390P	Processing of Horticulture crops Practical	1	New

P. Bhusha Valtu
Controller of Examinations

T. Bhashu Sulu
IQAC Coordinator

Jr. Shyji
Principal

St. Joseph's College for Women
(Autonomous)
Visakhapatnam

IQAC Coordinator
St. Joseph's College for Women
(Autonomous)
VISAKHAPATNAM-530 004

St. Joseph's College for Women
(Autonomous)
Visakhapatnam



St. Joseph's College For Women (Autonomous)

Visakhapatnam

Reaccredited by NAAC; ISO 9001:2015 Certified



INTERNAL QUALITY ASSURANCE CELL

PROGRAM BOOK FOR 25 BSc AGRD

for the academic year

2025-2026

PROGRAM CODE: 25 BSc. AGRD

PROGRAM NAME: B.Sc. (Honours) Agriculture and Rural Development

Programme Code	Programme Name	Course Code	Course title	Credits	
25 BSc. AGRD	B.Sc. (Honours) Agriculture and Rural Development				
Semester I		LE 1013	Advanced English	3	New
		LE 1014	Higher English	3	New
		LE 1015	Basic English	3	New
		LT 1007	Telugu	3	New
		LH 1009	Hindi	3	New
		LS 1005	Sanskrit	3	New
		LF 1007	French	3	New
		FAI 1001	Fundamentals of Artificial intelligence	4	New
		AGRD 141	Agriculture Economics	2	Existing
		AGRD 101	Fundamentals of Agronomy	2	New
		AGRD 101P	Fund. of Agronomy Practical	1	New
		AGRD 111	Fundamentals of Plant breeding	2	New
		AGRD 111P	Fundamentals of Plant breeding Practical	1	New
		AGRD 171	Introduction to Plant Pathology	1	New
		AGRD 171P	Introduction to Plant Pathology Practical	1	New
Semester II		LE 2013	Advanced English	3	New
		LE 2014	Higher English	3	New
		LE 2015	Basic English	3	New
		LT2007	Telugu	3	New
		LH2009	Hindi	3	New
		LS2005	Sanskrit	3	New
		LF2007	French	3	New
		AAIB2001	Applications of Artificial Intelligence	4	New
		IS 2001	Introduction Social Work	2	Existing
		IKS2001	Indian Knowledge System	0	New
		AGRD103	Agrometeorology & Climatic Changes	1	New
		AGRD103P	Agrometeorology & Climatic Changes Practical	1	New
		AGRD131	Fundamentals of Entomology	1	New
		AGRD131P	Fundamentals of Entomology Practical	1	New
		AGRD121	Fundamentals of Soil Science	1	New
		AGRD121P	Fundamentals of Soil Science Practical	1	New
		AGRD151	Soil & Water Conservation Engineering	1	New
		AGRD151P	Soil & Water Conservation Engineering Practical	1	New
		AGRD120	Extension & Rural Development in India	2	New
		CSP 2002	Community Service Project	1	New
Semester III		AMRD202	Agriculture Microbiology	2	Existing
		BCA202	Basic Computer Application	2	Existing

		AGRO201	Crop Production Technology – I	2	Existing
		AGRO201P	Crop Production Technology – I Practical	1	Existing
		AGRD219	Economics for Rural Development	2	Existing
		AGRD231	Insect Ecology & IPM	2	Existing
		AGRD231P	Insect Ecology & IPM Practical	1	Existing
		AGRD241	Agricultural Finance and Co-Operation	2	Existing
		AGRD271	Principles of Plant Pathology-II	1	Existing
		AGRD271P	Principles of Plant Pathology-II Practical	1	Existing
		AGRD251	Farm Machinery and Power	1	Existing
		AGRD251P	Farm Machinery and Power Practical	1	Existing
		AGRD261	Eco-Physiology	1	Existing
		AGRD261P	Eco-Physiology Practical	1	Existing
		HORD281	Production Technology for Vegetables and Spices	1	Existing
		HORD281P	Production Technology for Vegetables and Spices Practical	1	Existing
		HORD282	Production Technology for Ornamental Crops & Landscaping	1	Existing
		HORD282P	Production Technology for Ornamental Crops & Landscaping Practical	1	Existing
Semester IV		EDB 203	Entrepreneurship Development & Business	2	Existing
		WMRD 204	Weed Management	2	Existing
		AGRO 202	Crop Production Technology – II	2	Existing
		AGRO 202P	Crop Production Technology – II Practical	1	Existing
		AGRD 203	Irrigation, Water management & Farming system	1	Existing
		AGRD 203P	Irrigation, Water management & Farming system Practical	1	Existing
		AGRD 242	Agriculture, Marketing, Trade and Prices	2	Existing
		AGRD 221	Manures, Fertilizers & Soil fertility	2	Existing
		AGRD221P	Manures, Fertilizers & Soil fertility Practical	1	Existing
		AGRD252	Renewable Energy and Green Technology	1	Existing
		AGRD252P	Renewable Energy and Green Technology Practical	1	Existing
		AGRD220	Rural development Planning & Management	2	Existing
		HORD282	Production Technology of Fruits and	2	Existing

			Plantation Crops		
		HORD282P	Production Technology of Fruits and Plantation Crops Practical	1	Existing
		HORD284	Production Technology for Spices and Crops	2	Existing
		HORD284P	Production Technology for Spices and Crops Practical	1	Existing
		STI 4001	Short term Internship	4	Existing
SEM-5		EE 5001	Environmental Education	2	New
		AGRD 301	Geo informatics & Nanotechnology	2	New
		AGRD 301P	Geo informatics & Nanotechnology Practical	2	New
		AGRD 311	Crop Improvement - I	2	New
		AGRD 311P	Crop Improvement- I – Practical	1	New
		AGRD 319	Rural Industrialization & Entrepreneurship	2	New
		AGRD 321	Problematic Soils and their Management	1	New
		AGRD 321P	Problematic Soils and their Management Practical	1	New
		AGRD 331	Pests of Field Crops & Stored Grain Management	2	New
		AGRD 331P	Pests of Field Crops & Stored Grain Management -Practical	1	New
		AGRD 351	Protected Cultivation & Post-harvest Technologies	1	New
		AGRD 351P	Protective Cultivation and Post-harvest Technology - Practical	1	New
		AGRD 371	Diseases of Field Crops and their Management	2	New
		AGRD 371P	Diseases of Field Crops & their Management Practical	1	New
		HORD 387	Production technology of Flower crops	1	New
		HORD 387P	Production technology of flower crops Practical	1	New
SEM-6		AGRD303	Rainfed Agriculture & Watershed Management	2	New
		AGRD303P	Rainfed Agriculture & Water Management Practical	1	New
		AGRD312	Crop Improvement-II	2	New
		GPBR312P	Crop Improvement-II Practical	1	New
		AGRD320	Communication and Personality Development	1	New
		AGRD332	Pest of Horticulture Crops & Beneficial Insects	2	New
		AGRD332P	Pest of Horticulture Crops & Beneficial Insects- Practical	1	New

		AGRD341	Farm Management & Resource Economics	1	New
		AGRD341P	Farm Management & Resource Economics-Practical	1	New
		AGD372	Diseases of Horticulture Crops and their management	1	New
		AGRD372P	Diseases of Horticulture crops & their management- Practical	1	New
		HORD390	Processing of Horticulture crops	1	New
		HORD390P	Processing of Horticulture crops Practical	1	New
Semester VII		RAWE 401	Rural Agricultural Work Experience (RAWE) and Agro-Industrial Attachment (AIA)	20	New
			Crop Production		
			Crop Protection		
			Rural economics		
			Extension program		
			Research Station/KVK/DAATT Centre activities and attachment to Agro based Industries		
Semester VIII		AELP 402	Agriculture Experiential Learning Programme	20	New

P. Bhusha Vattu
Controller of Examinations

St. Joseph's College for Women
(Autonomous)
Visakhapatnam

T. Bhaghu Sankar
IQAC Coordinator

IQAC Coordinator
St. Joseph's College for Women
(Autonomous)
VISAKHAPATNAM-530 004

S. B. Jaggi
Principal

St. Joseph's College for Women
(Autonomous)
Visakhapatnam



St. Joseph's College for Women (Autonomous)
Visakhapatnam

Accredited with NAAC 'A' Grade; ISO 21001:2018, 14001:2015 Certified



INTERNAL QUALITY ASSURANCE CELL

PROGRAM BOOK FOR 25 M.A. Eng.

for the academic year

2025-26

PROGRAM CODE: 25 M.A. Eng.

PROGRAM NAME: M.A. English

SEMESTER-I

Program code	Program Name	Course Code	COURSE TITLE	No. of Credits	New/Existing Syllabus
25 MA Eng.	M.A. ENGLISH	CP 101	British Poetry – I	4	Existing
		CP 102	British Drama – I	4	Existing
		CP 103	British Prose and Fiction – I	4	Existing
		EL I	Cultural Studies – I	4	Existing
		EL II	English Linguistics	4	Existing

SEMESTER-II

Program code	Program Name	Course Code	COURSE TITLE	No. of Credits	New/Existing Syllabus
25 MA Eng.	M.A. ENGLISH	CP 201	British Poetry – II	4	Existing
		CP 202	British Drama – II	4	Existing
		CP 203	British Prose and Fiction – II	4	Existing
		EL I	Cultural Studies – II	4	Existing
		EL II	History and Growth of English Language	4	Existing

SEMESTER-III

Program code	Program Name	Course Code	COURSE TITLE	No. of Credits	New/Existing Syllabus
25 MA Eng.	M.A. ENGLISH	CP 301	Literary Criticism: Theory and Practice – I	4	Existing
		CP 302	American Literature – I	4	Existing
		CP 303	Indian Writing in English – I	4	Existing
		EL I	New Literatures (Other than New Literatures)	4	Existing
		EL II	English Language Teaching – I	4	Existing
			IPR	2	Existing
			MOOCS	2	Existing

SEMESTER-IV

Program code	Program Name	Course Code	COURSE TITLE	No. of Credits	New/Existing Syllabus
25 MA Eng.	M.A. ENGLISH	CP 401	Literary Criticism: Theory and Practice – II	4	Existing
		CP 402	American Literature – II	4	Existing
		CP 403	Indian Writing in English – II	4	Existing
		EL I	Classics in Translations	4	Existing
		EL II	English Language Teaching – II	4	Existing
			Project Work	4	Existing
			MOOCS	2	Existing

P. Bhushan Valtu
Controller of Examination
St. Joseph's College for Women
(Autonomous)
Visakhapatnam

T. Bhushan
IQAC Coordinator
IQAC Coordinator
St. Joseph's College for Women
(Autonomous)
VISAKHAPATNAM-530 004

Sr. Shyji
Principal
St. Joseph's College for Women
(Autonomous)
Visakhapatnam



St. Joseph's College for Women (Autonomous)

Visakhapatnam

Accredited with NAAC 'A' Grade; ISO 21001:2018, 14001:2015 Certified



INTERNAL QUALITY ASSURANCE CELL

PROGRAM BOOK FOR 25 M.Sc. Psy.

for the academic year

2025-26

PROGRAM CODE: 25 M.Sc. Psy.

PROGRAM NAME: MSc. Psychology

25 M.Sc. Psy.	M.Sc. Psychology			
SEM	PAPER CODE	PAPER TITLE	Credits	New/Existing
I	101	Emergence of psychology	4	Existing
	102	Life span development	4	Existing
	103	Physiological psychology	4	Existing
	104	Psychometrics	4	Existing
	105	Psychometric practicals	6	Existing
II	201	Social psychology	4	Existing
	202	Clinical psychology	4	Existing
	203	Research methodology	4	Existing
	204	Cognitive psychology	4	Existing
	205	Cognitive psychology practicals	6	Existing
III	301	Positive psychology	4	Existing
	302	Community psychology	4	Existing
	303	Counselling psychology	4	Existing
	304	Health psychology	4	Existing
	305	Case studies	6	Existing
IV	401	Forensic psychology	4	Existing
	402	Industrial and organizational psychology	4	Existing
	403	Educational psychology	4	Existing
	404	Disability and rehabilitation psychology	4	Existing
	405	Project	6	Existing

P. Bhusha Vallu
Controller of Examination

St. Joseph's College for Women
(Autonomous)
Visakhapatnam

T. Bhusha Sule
IQAC Coordinator

IQAC Coordinator
St. Joseph's College for Women
(Autonomous)
VISAKHAPATNAM-530 004

S. Shyji
Principal

St. Joseph's College for Women
(Autonomous)
Visakhapatnam



St. Joseph's College for Women (Autonomous)
Visakhapatnam

Accredited with NAAC 'A' Grade; ISO 21001:2018, 14001:2015 Certified



INTERNAL QUALITY ASSURANCE CELL

PROGRAM BOOK FOR 25 M.Sc. Maths

for the academic year

2025-26

PROGRAM CODE: 25 M.Sc. Maths

PROGRAM NAME: M.Sc., Mathematics

SEMESTER-I

Program code	Program Name	Course Code	COURSE TITLE	No. of Credits	New/Existing Syllabus
25 M.Sc., Maths	M.Sc., Mathematics	M101	Algebra-I	4	Existing
		M102	Real Analysis-I	4	Existing
		M103	Topology-I	4	Existing
		M104	Differential Equations	4	Existing
		M105	Linear Algebra	4	Existing

SEMESTER-II

Program code	Program Name	Course Code	COURSE TITLE	No. of Credits	New/Existing Syllabus
25 M.Sc., Maths	M.Sc., Mathematics	M201	Algebra-II	4	Existing
		M202	Real Analysis-II	4	Existing
		M203	Topology-II	4	Existing
		M204	Complex Analysis	4	Existing
		M205	Discrete Mathematics	4	Existing

SEMESTER-III

Program code	Program Name	Course Code	COURSE TITLE	No. of Credits	New/Existing Syllabus
25 M.Sc., Maths	M.Sc., Mathematics	M301	Functional Analysis	4	Existing
		M302	Calculus of Variations	4	Existing
		M303	Number Theory-I	4	Existing
		M305	Lattice Theory-I	4	Existing
		M306	Commutative Algebra-I	4	Existing
		M 3MC	MOOCS Course	4	Existing

SEMESTER-IV

Program code	Program Name	Course Code	COURSE TITLE	No. of Credits	New/Existing Syllabus
25 M.Sc., Maths	M.Sc., Mathematics	M401	Measure and integration	4	Existing
		M402	Partial Differential Equations	4	Existing
		M403	Number Theory-II	4	Existing
		M405	Lattice Theory-II	4	Existing
		M406	Commutative Algebra-II	4	Existing
		M 4PRO	Project	4	Existing
		M 4MC	MOOCS Course	4	Existing
		M 4CV	Comprehensive Viva Voce	4	Existing

P. Bhusha Vellu
Controller of Examinations
St. Joseph's College for Women
 (Autonomous)
Visakhapatnam

T. Bhaskar
IQAC Coordinator
IQAC Coordinator
St. Joseph's College for Women
 (Autonomous)
VISAKHAPATNAM-530 004

S. Shyji
Principal
St. Joseph's College for Women
 (Autonomous)
Visakhapatnam



St. Joseph's College for Women (Autonomous)

Visakhapatnam

Accredited with NAAC 'A' Grade; ISO 21001:2018, 14001:2015 Certified



INTERNAL QUALITY ASSURANCE CELL

**PROGRAM BOOK FOR 25 M.Sc. ORGANIC
CHEMISTRY**

for the academic year

2025-26

PROGRAM CODE: 25 MSc Org. Chem.

PROGRAM NAME: M.Sc. Organic Chemistry

SEMESTER-I

Program code	Program Name	Course Code	COURSE NAME	No. of Credits	New/Existing Syllabus
25 M.Sc. Org. Chem.	M.Sc. Organic Chemistry	CH 101A	General Chemistry-I	4	Existing
		CH 102A	Inorganic Chemistry-I	4	Existing
		CH 103B	Organic Chemistry-I	4	Existing
		CH 104A	Physical Chemistry-I	4	Existing
		CH 105	Inorganic Chemistry Laboratory-I	3	Existing
		CH 106	Organic Chemistry Laboratory-I	3	Existing
		CH 107	Physical Chemistry Laboratory-I	3	Existing

SEMESTER-II

Program code	Program Name	Course Code	COURSE NAME	No. of Credits	New/Existing Syllabus
25 M.Sc. Org. Chem.	M.Sc. Organic Chemistry	CH 201A	General Chemistry-II	4	Existing
		CH 202A	Inorganic Chemistry-II	4	Existing
		CH 203B	Organic Chemistry-II	4	Existing
		CH 204A	Physical Chemistry-II	4	Existing
		CH 205	Inorganic Chemistry Laboratory-II	3	Existing
		CH 206	Organic Chemistry Laboratory-II	3	Existing
		CH 206	Physical Chemistry Laboratory-II	3	Existing

P. Blue Shevateen
Controller of Examination

St. Joseph's College for Women
(Autonomous)
Visakhapatnam

T. Bhaskar Reddy
IQAC Coordinator

IQAC Coordinator
St. Joseph's College for Women
(Autonomous)
VISAKHAPATNAM-530 004

Sa. Sanyal
Principal

St. Joseph's College for Women
(Autonomous)
Visakhapatnam



St. Joseph's College for Women (Autonomous)
Visakhapatnam

Accredited with NAAC 'A' Grade; ISO 21001:2018, 14001:2015 Certified



PROGRAM BOOK FOR 25 M.Sc. HSc.

for the academic year

2025-26

PROGRAM CODE: 25 M.Sc. HSc.

PROGRAM NAME: MSc. Home Science

SEMESTER-III

Program code	Program Name	Course Code	Course Name	Credits	New/ Existing
25 M.Sc. Org. Chem.	M.Sc. Organic Chemistry	CH 301B	Organic reaction mechanisms. pericyclic reactions and photochemistry	4	Existing
		CH 302B	Organic Spectroscopy	4	Existing
		CH 303B	Organic Synthesis	4	Existing
		CH 304B	Chemistry of natural products	4	Existing
		CH 305	Multistage Organic Synthesis	4	Existing
		CH 306	Chromatography Viva-Voce	4	Existing
			Moocs	2	Existing

SEMESTER-IV

Program Code	Program Name	Course Code	Course Name	Credits	Existing
25 M.Sc. Org. Chem.	M.Sc. Organic Chemistry	CH 401B	Modern synthetic methodology in organic chemistry	4	Existing
		CH 402B	Organic spectroscopy and structure determination of natural products	4	Existing
		CH 403B	Designing organic synthesis and synthetic applications of organo boranes and organo silanes	4	Existing
		CH 404B	Drug design and drug chemistry	4	Existing
		CH 405	Mixture analysis	4	Existing
		CH 406	Organic isolations and estimations	4	Existing
			Project	4	existing
			Comprehensive Viva	2	existing
			Moocs	2	existing

P. Bhusha Vathe
Controller of Examination

St. Joseph's College for Women
(Autonomous)
Visakhapatnam

T. Bhaskarulu
IQAC Coordinator

IQAC Coordinator
St. Joseph's College for Women
(Autonomous)
VISAKHAPATNAM-530 004

S. Sridhar
Principal

St. Joseph's College for Women
(Autonomous)
Visakhapatnam

M.Sc Home Science (Foods and Nutrition)				
SEM	PAPER CODE	PAPER TITLE	CREDIT	New/Existing
I	Fn 1.1	Research Methodology & Statistics	4	Existing
	Fn 1.15	Research Methodology & Statistics Practical	2	Existing
	Fn 1.2	Computer applications	4	Existing
	Fn 1.25	Computer applications Practical	2	Existing
	Fn 1.3	Human Physiology	4	Existing
	Fn 1.4	Human Nutrition	4	Existing
II	Fn 2.1	Communication Technology	4	Existing
	Fn 2.15	Communication Technology Practical	2	Existing
	Fn 2.2	Community and public nutrition	4	Existing
	Fn 2.25	Community and public nutrition practical	2	Existing
	Fn 2.3	Food Chemistry	4	Existing
	Fn 2.35	Food Chemistry Practical	2	Existing
	Fn 2.4	Food Microbiology	4	Existing
	Fn 2.45	Food Microbiology Practical	2	Existing
III	Fn 3.1	Institutional Food management	4	Existing
	Fn 3.15	Institutional Food management practical	2	Existing
	Fn 3.2	Nutritional Biochemistry	4	Existing
	Fn 3.25	Nutritional Biochemistry Practical	2	Existing
	Fn 3.3	Food analysis	4	Existing
	Fn 3.35	Food analysis Practical	2	Existing
	Fn 3.4	Dietetics	4	Existing
	Fn 3.45	Dietetics Practical	2	Existing
IV	Fn 4.1	Current Trends in Foods & Nutrition (Seminar)	4	Existing
	Fn 4.25	Internship	4	Existing
	Fn 4.35	Dissertation		

P. Bhushan Valtu
Controller of Examination

St. Joseph's College for Women
(Autonomous)
Visakhapatnam

T. Bhanu Sankar
IQAC Coordinator

IQAC Coordinator
St. Joseph's College for Women
(Autonomous)
VISAKHAPATNAM-530 004

S. Sanyasi
Principal

St. Joseph's College for Women
(Autonomous)
Visakhapatnam