

SANATANA DHARMA COLLEGE ALAPPUZHA



1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum



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Educational institution plays an important role to educate the generations about the global concerns like honesty and integrity, environment and sustainability, human values etc. Institution provides this through the inbuilt content of core courses, common language courses and open courses. It is offered to all students of undergraduate programs and to a few postgraduate programmes. The curriculum in Arts Programmes have inbuilt component on gender sensitization and human values. The institute also provides general awareness in this area through seminars, club activities etc.

Content of following courses are related to the crosscutting issues relevant to Professional Ethics, Gender, Human values, Environment and Sustainability etc.

- EN 1211.1: Environmental Studies and Disaster Management. (Compulsory to all BSc and BA programmes)
- CG 1271: Narratives of Social Justice and Restitution for BA Communicative English Programme.
- CG 1641 & EN 1641: Gender Studies for BA Communicative English Programme & BA English Programme.
- EL 233.5: Women's Writing for MA English Programme
- CO 1141: Environmental Studies for BCom Programme
- CO 211: Business Ethics and Corporate Governance for Programme
- PY 1542: Statistical Mechanics, Research Methodology and Disaster Management for BSc Physics Programme
- EC 1644: Environment Economics and Disaster Management for BA Economics Programme
- CH 1551.3: Environmental Chemistry: Open course for all UG Programmes.
- BO 1542: Environmental Studies and Phytogeography for MSc Botany Programm

Institution also facilitates to discuss and awareness of these crosscutting issues through the club activities of Bhoomithra Sena, Ecoclub activities, NSS etc.

Table 8. Distribution of Contact Hours and Credits
(CORE, FOUNDATION & OPEN COURSES, PROJECT/DISSERTATION)

Course Code	Course Title	Semester I			Semester II			Semester III			Semester IV		
		Contact hours		Credit	Contact hours		Credit	Contact hours		Credit	Contact hours		Credit
		T	P		T	P		T	P		T	P	
BO1141	Angiosperm anatomy, Reproductive Botany & Palynology	2	2	3									
BO1221	Methodology & Perspectives in Plant Science				2	2	3						
BO1341	Microbiology, Phycology, Mycology Lichenology & Plant Pathology							3	2	3			
BO1441	Bryology, Pteridology, Gymnosperms & Paleobotany										3	2	3
BO1541	Angiosperm Morphology Systematic botany, Economic botany Ethno botany & Pharmacognosy												
BO1542	Environmental Studies & Phytogeography												
BO1543	Cell Biology, Genetics & Evolutionary Biology												
BO1544	Practical-I (BO1141, BO1221)		2*		2*								
BO1545	Practical-II (BO1341 & BO1441)							*2			2*		
BO1551.1 BO1551.2 BO1551.3	Horticulture, Mushroom cultivation & Marketing Forestry												
BO1641	Plant Physiology & Biochemistry												
BO1642	Molecular Biology, General informatics and Bioinformatics												
BO1643	Plant breeding, Horticulture& Research methodology												
BO1644	Practical-III (BO1541 & BO1542)												
BO1645	Practical-IV (BO1543, BO1641, BO1642, 1643)												
BO1651	Biotechnology & Nano biotechnology												
BO1646	Project report, Tour Diary, Viva-Voce												
	Total												

L = Lecture P = Practical *Practical hour already distributed in the semester concerned

**Learning Outcomes Based Curriculum Framework (LOCF) for
Career Related First Degree Programme 2(a)**

BA English and Communicative English CBCSS

SEMESTERS I to VI- COURSE BREAKUP

[2022 Admission onwards]

Semester	Course Number	Course Name	Instructional Hours	Credits
I	EN 1111.3	Language Course I- Language Skills	5	4
I		Additional Language	5	3
I		Foundation Course	3	2
I	CG 1141	Core I: Introduction to Literary Studies	5	4
I	CG 1171	Vocational Course I: Soft Skills	4	3
I	CG 1131	Complementary Course I: English for Specific Purposes	3	3
II	EN 1211.3	Language Course III- English Grammar, Usage and Writing	5	3
II		Additional Language	5	3
II	CG 1241	Core II: British Literature I	5	3
II	CG 1242	Core III: Narratives of Resistance	3	3
II	CG 1271	Vocational Course II: Narratives of Social Justice and Restitution	4	3
II	CG 1231	Complementary Course II: Language for Media	3	2
III	EN 1311.3	Language Course V- English for Career	5	4
III		Foundation Course II: History of English Language	4	3
III	CG 1341	Core IV: British Literature II	5	4
III	CG 1342	Core V: Popular Literature	4	4
III	CG 1371	Vocational Course III: Translation Studies	4	3
III	CG 1331	Complementary Course III : Environmental Studies and Disaster Management	3	3
IV	EN 1411.3	Language Course VI Readings in Literature	5	4
IV	CG 1441	Core VI: 20 th Century World Literature	5	4
IV	CG 1442	Core VII: 20 th Century Malayalam Literature in Translation	4	4
IV	CG 1471	Vocational Course IV: Language Editing and Publishing	4	3

IV	CG 1472	Vocational Course V: Content Writing	4	3
IV	CG 1431	Complementary Course IV: Literatures of Travel and Tourism	3	3
V	CG 1541	Core VIII: Film Studies	4	3
V	CG 1542	Core IX: Indian Literature	4	3
V	CG 1543	Core X: Criticism and Theory	5	4
V	CG 1571	Vocational Course VI: Theatre Studies	3	3
V	CG 1572	Vocational Course VII: English Language Teaching	3	3
V	CG 1573	Vocational Course VIII: Language for Advertisement and Marketing	3	3
V	CG1551.1 CG1551.2	Open Course: English for Communication Film Appreciation	3	2
VI	CG 1641	Core XI: Gender Studies	5	4
VI	CG 1642	Core XII: Linguistics and Structure of English Language	5	4
VI	CG 1671	Vocational Course IX: Screen Writing and Subtitling	4	3
VI	CG 1672	Vocational Course X: Public Relations and Corporate Communication	4	3
VI	CG 1661.1 CG 1661.2 CG 1661.3	Industry Based Electives: Proof Reading and Copy Editing Academic Writing Professional Communication Practice	4	3
VI	CG 1643	Project	3	4
		Total Hours and Credits	150	120

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Paper XI: EL233	
1. EL233.1: European Drama	69
2. EL233.2: Canadian and Australian Literature	72
3. EL233.3: Film Studies	74
4. EL233.4: Kerala Studies	78
5. EL233.5: Women's Writing	83
Paper XII: EL234	
6. EL234.1: European Fiction	86
7. EL234.2: African and Caribbean Literature	88

[2020 Admission onwards]

Sem No	Course No	Course Title	Instructional Hours	Credits
1	EN 1111.1	Language Course 1: Language Skills	5	4
1		Language Course 2: [Additional Language 1]	4	3
1	EN 1121	Foundation Course 1: Writings on Contemporary Issues	4	2
1	EN 1141	Core Course 1: Introduction to Literary Studies I	6	4
1	EN 1131	Complementary Course 1: Popular Literature and Culture	3	3
1		Complementary Course 2 [External]	3	2
2	EN 1211.1	Language Course 3: Ability Enhancement Compulsory Course- Environmental Studies and Disaster Management	5	4
2	EN 1212.1	Language Course 4: English Grammar Usage and Writing	4	3
2		Language Course 5: [Additional Language 2]	4	3
2	EN 1241	Core Course 2: Introduction to Literary Studies II	6	4
2	EN 1231	Complementary Course 3 : Art and Literary Aesthetics	3	3
2		Complementary Course 4 [External]	3	3
3	EN 1311.1	Language Course 6: English for Career	5	4
3		Language Course 7:[Additional Language 3]	5	4
3	EN 1341	Core Course 3: British Literature I	5	3
3	EN 1321	Foundation Course 2: Evolution of the English Language	4	3

3	EN 1331	Complementary Course 5: Narratives of Resistance	3	3
3		Complementary Course 6 [External]	3	3
4	EN 1411.1	Language Course 8: Readings in Literature	5	4
4		Language Course 9 [Additional Language: 4]	5	4
4	EN 1441	Core Course 4: British Literature II	5	4
4	EN 1442	Core Course 5: Literature of the 20 th Century	4	3
4	EN 1431	Complementary Course 7: Philosophy for	3	2

2

		Literature		
4		Complementary Course 8 [External]	3	3
5	EN 1541	Core Course 6: Literature of Late 20 th Century and 21 st Century	5	4
5	EN 1542	Core Course 7: Postcolonial Literatures	4	4
5	EN 1543	Core Course 8: 20 th Century Malayalam Literature in Translation	4	3
5	EN 1544	Core Course 9: Linguistics and Structure of the English Language	4	4
5	EN 1545	Core Course 10: Criticism and Theory	5	4
5	EN 1551.1	Open Course 1: Communicative Applications in English	3	2
5	EN 1551.2	Open Course 1: Theatre Studies	-do-	-do
5	EN 1551.3	Open Course 1: Film Appreciation	-do-	-do
6	EN 1641	Core Course 11: Gender Studies	5	4
6	EN 1642	Core Course 12: Indian Writing in English	5	4
6	EN 1643	Core Course 13: Film Studies	5	4

Sem. No.	Course No.	Course Title	International Hours	Credits	Page No.
സെമസ്റ്റർ നാല്					
4	EN1411	Language Course 8 (English 5) :	5	4	
4	ML 1411.1	Language Course 9 : (Additional Language 4) ദൃശ്യകലാസാഹിത്യം (ദൃശ്യകൗമുദി)	5	4	46
4	ML1441	Core Course - 4 ആധുനിക മലയാളകവിത	5	4	48
4	ML1442	Core Course 5 : നിരൂപണസാഹിത്യം	4	3	52
4	ML1431	Compl. Course 7 : ദളിത് സാഹിത്യം, സ്ത്രീവാദസാഹിത്യം	3	3	55
4	ML1431.2	Compl. Course 8 : സംസ്കൃതം -4	3	3	
ആകെ			25	21	
സെമസ്റ്റർ അഞ്ച്					
5	ML1541	Core Course 6 : ഭാഷാശാസ്ത്രം	4	4	58
5	ML1542	Core Course 7 : ചെറുകഥാപഠനം	4	4	61
5	ML1543	Core Course 8 : വിവർത്തനം സിദ്ധാന്തവും പ്രയോഗവും	3	3	65
5	ML1544	Core Course 9 : ജീവചരിത്രം, ആത്മകഥ യാത്രാസാഹിത്യം	3	4	69
5	ML1545	Core Course 10 : മലയാളഭാഷാ സാഹിത്യചരിത്രം - 1	5	4	71
5	ML1551	Open Course	3	2	
		ML1551.1 കേരളീയകലകൾ			74
		ML1551.2 ലിംഗനീതിസാഹിത്യവും ഭിന്നശാക്തി പഠനവും			78
		ML1551.3 ചലച്ചിത്രപഠനം			81
		ML1551.4 ജനപ്രിയസാഹിത്യപഠനം			85
5		PROJECT DISSERTATION	3		
ആകെ			25	20	
സെമസ്റ്റർ ആറ്					
6	ML1641	Core Course 11: മലയാള ഭാഷാ സാഹിത്യചരിത്രം 2	5	4	88
6	ML1642	Core Course 12 : മലയാള വ്യാകരണം	5	4	91
6	ML1643	Core Course 13 : ആധുനികപുരൂർവ്വ മലയാള കവിത	5	4	95
6	ML1644	Core Course 14 : നാട്ടരിവൃപഠനം	4	3	99
6	ML1651	Open Course 2 (Elective)	3	2	
		ML1651.1 താരതമ്യസാഹിത്യം			102
		ML1651.2 മാധ്യമലോകം			104
		ML1651.3 ചലച്ചിത്രപഠനം			107
		ML1651.4 ദേശീയസൗന്ദര്യശാസ്ത്രം			111
6	ML1645	PROJECT DISSERTATION	3	4	
ആകെ			25	21	
Total			150	120	

PROGRAMME STRUCTURE

SEMESTER – I

Courses	Course Code	Course Title	Instructional Hours Per Week		End Semester Exam Hours		Credit
			Theory	Practical	Theory	Practical	
Language Course I	EN 1111	English I	5	-	3	-	4
Language Course II	1111	Additional Language I	4	-	3	-	4
Foundation Course I	CO 1121	Methodology and Perspectives of Business Education	4	-	3	-	2
Core Course I	CO 1141	Environmental studies	4	-	3	-	3
Core Course II	CO 1142	Management Concepts and Thoughts	4	-	3	-	3
Complementary Course I	CO 1131	Managerial Economics	4	-	3	-	3
		Total	25				19

SEMESTER II

Courses	Course Code	Course Title	Instructional Hours Per Week		End Semester Exam Hours		Credit
			Theory	Practical	Theory	Practical	
Language Course III	EN 1211	English II	5	-	3	-	4
Language Course IV	1211	Additional Language II	4	-	3	-	4
Foundation Course II	CO 1221	Informatics and Cyber Laws	4	-	3	-	3
Core Course III	CO 1241	Financial Accounting	4	-	3	-	3
Core Course IV	CO 1242	Business Regulatory Framework	4	-	3	-	3
Complementary Course II	CO 1231	Business Mathematics	4	-	3	-	3
		Total	25				20

SEMESTER – III

Courses	Course Code	Course Title	Instructional Hours Per Week		End Semester Exam Hours		Credit
			Theory	Practical	Theory	Practical	
Language Course V	EN 1311	English III	3	-	3	-	3
Core Course V	CO 1341	Entrepreneurship Development	4	-	3	-	3
Core Course VI	CO 1342	Advanced Financial Accounting	5	-	3	-	4
Core Course VII	CO 1343	Company Administration	4	-	3	-	3
Elective Course I	CO 1361	Elective stream 1/2/3/4/5	5(1)	(4)	3	(1.5)	4
Complementary Course III	CO 1331	E-Business	4	-	3	-	3
		Total					

**Scheme and Syllabus
(from 2018 Admission onwards)**

SEMESTER I			Marks		
Code	Paper	Subject	CA	ESA	Total
CO 211	Paper1	Business Ethics and Corporate Governance	25	75	100
CO 212	Paper2	Legal Framework for Business	25	75	100
CO 213	Paper3	Research Methodology	25	75	100
CO 214	Paper4	Planning and Development Administration	25	75	100
CO 215	Paper5	Advanced Corporate Accounting and Reporting	25	75	100
Total			125	375	500

SEMESTER II			Marks		
Code	Paper	Subject	CA	ESA	Total
C0 221	Paper 1	E-Business and Cyber Laws	25	75	100
C0 222	Paper 2	Strategic Management	25	75	100
C0 223	Paper 3	Quantitative Techniques and Financial Econometrics	25	75	100
C0 224	Paper 4	International Business	25	75	100
C0 225	Paper 5	Investment Management	25	75	100
Total			125	375	500

Summer Internship

Elective - FINANCE

SEMESTER III			Marks		
Code	Paper	Subject	CA	ESA	Total
CO 231U	Paper1	Income tax Planning and Management	25	75	100
CO 232F	Paper2	Security Analysis and Portfolio Management	25	75	100
CO 233F	Paper3	International Financial Management	25	75	100
CO 234F	Paper4	Strategic Cost and Management Accounting	25	75	100
Total			100	300	400

II. Course structure:(1a). Core Courses (theory)

Sem.	Title of paper	Number of hours per week	Number of credits	Total hours/ semester	UE Duration
1	PY1141 – Basic mechanics & Properties of matter	2	2	36	3 hrs
2	PY1241- Heat & Thermodynamics	2	2	36	3
3	PY1341– Electrodynamics	3	3	54	3
4	PY1441- Classical & Relativistic Mechanics	3	3	54	3
5	PY1541– Quantum Mechanics	4	4	72	3
	PY1542–Statistical Mechanics Research Methodology and Disaster Management	4	4	72	3

3 ✓	4	Core X International Economics	EC1545	✓
2	3	Open Course I – Introductory Economics ✓	EC1551.1	
2 ✓	3	Human Resource Management	EC1551.2	✓
2	3	Indian Economy Since Liberalisation ✓	EC1551.3	
-	3	Project / Dissertation		
20	25	Total		

Semester VI

Credits	Instructional hours	Course Title	Course No	Sem No
4 ✓	5	Core XI Indian Economy	EC1641	VI
4 ✓	4	Core XII Banking and Finance	EC1642	
4 ✓	5	Core XII Public Economics	EC1643	✓
3 ✓	4	Core XII Environment Economics and Disaster Management	EC1644	✓
2 ✓	4	Elective : Kerala Economy	EC1661.1	✓
2	4	Mathematical Economics	1661.2	
2	4	Introductory Econometrics	1661.3	
2	4	History of Economic Thought	1661.4	
3 ✓	3	Project/Dissertation	EC 1645	✓
21	25			
120	150	Grand Total		

:Complementary Courses Offered

- Complementary I ✓
 EC 1131 Foundations of Economic Theory
 Complementary III ✓
 EC 1231 Money and Banking
 Complementary V ✓
 EC 1331 Introduction to International trade and Public Economics
 Complementary VII ✓
 EC 1431 Indian Economy Since Independence

C.CXI CH1642	Organic Chemistry III										4/--	4	4	4
C.CXII CH1643	Physical Chemistry III										4/--	4	4	4
C.C.XIII CH1644	Lab Course IV (Organic Chemistry Experiments)										--/5	3	5	3
C.C.XIV CH1645	Lab Course V (Gravimetric Experiments)										--/3	2	3	2
E.C CH1661	Any one of the options										3/--	2	3	2
C.C.XV CH1646	Project									--/2	--/3	4	5	4
	Factory visit													
Credits/Semester				4	3	3	5	19	23					57

C.C-Core Course, F.C-Foundation Course, O.C-Open Course, E.C- Elective Course
L-Theory, P-Practical, C-Credit

B.Sc.Degree Programme in Chemistry
Table III. Open Course offered to students of other disciplines
Semester V

Semester	No. of Hours/ Week		Credits	Course Code	Title of the Course	Instructional Hours
	L	P				
V	3	-	2	CH1551.1	Chemistry and its Application	54
				CH1551.2	Fundamentals of Chemistry & Its Application to Everyday Life	
				CH1551.3	Environmental Chemistry	

B.Sc.Degree Programme in Chemistry
Table IV. Elective Course offered in Semester VI

Semester	No. of Hours/ Week		Credits	Course Code	Title of the Course	Instructional Hours
	L	P				
VI	3	-	2	CH1661.1	Supramolecular, Nano Particles and Green Chemistry	54
				CH1661.2	Computational, Combinatorial and Physical Organic Chemistry	
				CH1661.3	Polymer Chemistry	
				CH1661.4	Biochemistry	