



PRINCIPAL KHAIRA COLLEGE, KHAIRA, BALASORE.

PROGRAM OUTCOME 2022-23

Khaira College Khaira offers three year undergraduate degree programmes in Arts, Science, and Commerce. The B. A. Programme includes courses in Economics, Education, English, History, Odia, Political Science, Sanskrit and the B. Sc. Programme includes courses in Botany, Chemistry, Mathematics, Physics, and Zoology and the B. Com Programme. These Programmes aims to broaden the outlook of students in terms of better understanding of the course, improving leadership and communication skills and building self-esteem. It represents the knowledge, skills and attitudes the students should have at the end of a programme.

B. A. Programme Outcomes

The programme also projected to develop both linguistic and analytical skill that would prove useful in their next level of studies. Also, students become capable of critically appreciating a scholarly presentation of any form.

The programme also empowers the graduates to appear for various competitive examinations or choose the post graduate programme of their choice.

The programme enables the students to acquire knowledge with human values framing the base to deal with various problems in life with courage and humanity.

B. SC. Programme Outcomes

The programme being equally balanced between theory and its practical application, the students, upon passing the course, can rightly claim to have achieved a fair amount of hands-on experience. This experiential knowledge comes in immediately handy in case the students opt for jobs.

Students become highly cognizant of the expansion of the learning in their respective field which enables them to get admitted to the premier institutes of the country.

This programme trains the learners to extract information, formulate and solve problems in a systematic and logical manner.

The programme is the inculcation of higher values of life among the learners that enable them to face any hazard of the future life.

B. COM. Programme Outcomes

The programme will be trained to develop skills and attitudes needed for critical thinking and adopting a comprehensive problem-solving approach. They shall be exposed to the pedagogy that helps them understand real life situations through case-studies.

This programme could provide well trained professionals for the Industries, Banking Sectors, Insurance Companies, Financing Companies, Transport Agencies, and Warehousing etc., to meet the well trained manpower requirements. The graduates will get hands on experience in various aspects acquiring skills for Marketing Manager, Entrepreneur Skills and over all Administration abilities of the Company.


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ECONOMICS



Framework of CBCS Syllabus for ECONOMICS (Honours) from 2022-23

Full Form of Course Codes Used: CC = Core Course, AECC = Ability Enhancement Compulsory Course, SEC = Skill Enhancement Course, DSE = Discipline Specific Elective (Related to Core Subject), GE = Generic Elective (Not related to Core Subject; 2 different subjects of 2 papers each). Total Marks: CC+DSE (1400+400) + AECC (200) + SEC (200) + GE (400) = 2600

Semester	CC 14 Papers 100 x 14 = 1400	AECC 2 Papers 100 x 2 = 200	SEC 2 Papers 100 x 2 = 200	DSE 4 Papers 100 x 4 = 400	4 Papers 100 x 4 = 400
I	CC-1: Introductory Microeconomics	AECC 1 MIL Communication			GE A Paper I/GE Paper I (Title as applicable)
	CC-2: Mathematical Methods for Economics I				
II	CC-3: Introductory Macroeconomics	AECC 2 Environmental Science			GE A Paper II/GE Paper II (Title as applicable)
	CC-4: Mathematical Methods for Economics II				
III	CC-5: Microeconomics I		SEC 1 (To be selected from the list of SEC courses)		GE B Paper I/GE Paper III (Title as applicable)
	CC-6: Macroeconomics I				
	CC-7: Statistical Methods for Economics				
IV	CC-8: Microeconomics II		SEC 2 (To be selected from the list of SEC courses)		GE B Paper II/GE Paper IV (Title as applicable)
	CC-9: Macroeconomics II				
	CC-10: Research Methodology				
V	CC-11: Indian Economy I			DSE-1: 1. Economic History of India (1857-1947) or 2. Public Economics	DSE-2: 1. Introductory Econometrics or 2. Odisha Economy or 3. Money and Banking
	CC-12: Development Economics I				
VI	CC-13: Indian Economy II			DSE-3: 1. Environmental Economics or 2. History of Economic Thought	DSE-4: 1. International Economics or 2. Agricultural Economics or 3. Project/Dissertation
	CC-14: Development Economics II				


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Framework of CBCS Syllabus for MATHEMATICS (Honours) from 2022-23

Full Forms of Course Codes Used: CC = Core Course, AECC = Ability Enhancement Compulsory Course, SEC = Skill Enhancement Course, DSE = Discipline Specific Elective (Related to Core Subject), GE = Generic Elective (Not Related to Core Subject); One subject with 4 papers or 2 different subjects of 2 papers each.
 Total Marks: CC & DSE (1400+400) + AECC (200) + SEC (200) + GE (400) = 2600

Subject	Core Course 4 Papers 100 x 4 = 400	AECC 2 Papers 100 x 2 = 200	SEC 2 Papers 100 x 2 = 200	DSE 4 Papers 100 x 4 = 400	4 Papers 100 x 4 = 400
I	CC-I: calculus	AECC-1 MIL Communication			GE A Paper I/GE Paper I (Title as applicable)
	CC-II: Discrete Mathematics				
II	CC-III: Real Analysis	AECC 2 Environmental Science			GE A Paper II/GE Paper II (Title as applicable)
	CC-IV: Differential equations				
III	CC-V: Theory of Real functions		SEC 1 (To be selected from the list of SEC courses)		GE B Paper I/GE Paper III (Title as applicable)
	CC-VI: Group Theory-I				
	CC-VII: Partial differential equations and system of ODEs				
IV	CC-VIII: Numerical Methods and Scientific Computing		SEC 2 (To be selected from the list of SEC courses)		GE B Paper II/GE Paper IV (Title as applicable)
	CC-IX: Topology of Metric spaces				
	CC-X: Ring Theory				
V	CC-XI: Multivariable Calculus			DSE-I: Linear Programming	
	CC-XII: Linear Algebra			DSE-II: Probability and Statistics	
VI	CC-XIII: Complex analysis			DSE-III: Differential Geometry	
	CC-XIV: Group Theory-II			DSE-IV: Number Theory OR Project work (if eligible)	

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Course structure of UG Physics Honors

Framework of CBCS Syllabus for PHYSICS (Honours) from 2022-23					
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Total Marks: CC+DSE (1400+400) + AECC (200) + SEC (200) + GE (400) = 2600					
Semester	CC 14 Papers 100 x 14 = 1400	AECC 2 Papers 100 x 2 = 200	SEC 2 Papers 100 x 2 = 200	DSE 4 Papers 100 x 4 = 400	GE 4 Papers 100 x 4 = 400
I	CC-I: Mathematical Physics-I CC-II: Mechanics	AECC 1 MIL Communication			GE A Paper I/GE Paper I (Title as applicable)
II	CC-III: Electricity and Magnetism CC-IV: Waves and Optics	AECC 2 Environmental Science			GE A Paper II/GE Paper II (Title as applicable)
III	CC-V: Mathematical Physics-II CC-VI: Thermal Physics CC-VII: Analog Systems and Applications		SEC 1 (To be selected from the list of SEC courses)		GE B Paper I/GE Paper III (Title as applicable)
IV	CC-VIII: Mathematical Physics-III CC-IX: Elements of Modern Physics CC-X: Digital Systems and Applications		SEC 2 (To be selected from the list of SEC courses)		GE B Paper II/GE Paper IV (Title as applicable)
V	CC-XI: Quantum Mechanics & Applications CC-XII: Solid State Physics			DSE-I: Classical Dynamics DSE-II: Nuclear and Particle Physics	
VI	CC-XIII: Electro-magnetic Theory CC-XIV: Statistical Mechanics	* *		DSE-III: Nano Materials and Applications DSE-IV: Basic Instrumentation OR Project work (if eligible)	


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Framework of CBCS Syllabus for ZOOLOGY (Honours) from 2022-23

Full Form of Course Codes Used: CC = Core Course, AECC = Ability Enhancement Compulsory Course, SEC = Skill Enhancement Course, DSE = Discipline Specific Elective (Related to Core Subject), GE = Generic Elective (Not related to Core Subject; One subject with 4 papers or 2 different subjects of 2 papers each).

Total Marks: CC (1400) + AECC (200) + SEC (200) + DSE (400) + GE (400) = 2600

Semester	CC 14 Papers 100 x 14 = 1400	AECC 2 Papers 100 x 2 = 200	SEC 2 Papers 100 x 2 = 200	DSE 4 Papers 100 x 4 = 400	4 Papers 100 x 4 = 400
I	CC-I: Non-chordates I: Protista to Pseudocoelomates	AECC 1 MIL Communication			GE A Paper I/GE Paper I (Title as applicable)
	CC-II: Principles of Ecology				
II	CC-III: Non-chordates II: Coelomates	AECC 2 Environmental Science			GE A Paper II/GE Paper II (Title as applicable)
	CC-IV: Cell biology				
III	CC-V: Diversity of Chordates		SEC 1 (To be selected from the list of SEC courses)		GE B Paper I/GE Paper III (Title as applicable)
	CC-VI: Physiology: Controlling and coordinating systems				
	CC-VII: Fundamentals of Biochemistry and microbiology				
IV	CC-VIII: Comparative anatomy of Vertebrates		SEC 2 (To be selected from the list of SEC courses)		GE B Paper II/GE Paper IV (Title as applicable)
	CC-IX: Physiology: Life Sustaining Systems.				
	CC-X: Biochemistry of Metabolic Processes				
V	CC-XI: Molecular Biology			DSE-I: Animal Behaviour and Chronobiology OR Animal Biotechnology OR Endocrinology	
	CC-XII: Principles of Genetics			DSE-II: Basics of Neuroscience OR Reproductive Biology OR Immunology	
VI	CC-XIII: Developmental Biology			DSE-III: Fish and Fisheries OR Wildlife Conservation And Management	
	CC-XIV: Evolutionary Biology			DSE-IV: Economic zoology OR Project work (if eligible)	

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Framework of CBCS Syllabus for COMMERCE (Honours) from 2022-23

Full Marks of Course Codes Used: CC = Core Course, AECC = Ability Enhancement Compulsory Course, SEC = Skill Enhancement Course, DSE = Discipline Specific Elective (Related to Core Subject), GE = Generic Elective (Not related to Core Subject); One subject with 4 papers or 2 different subjects of 2 papers each.

Total Marks: CC+DSE (1400+400) + AECC (200) + SEC (200) + GE (400) = 2600

Semester	CC 14 Papers 100 x 14 = 1400	AECC 2 Papers 100 x 2 = 200	SEC 2 Papers 100 x 2 = 200	DSE 4 Papers 100 x 4 = 400	4 Papers 100 x 4 = 400
I	CC-1: Financial Accounting	AECC 1 MIL Communication			GE Paper 1- Micro Economics
	CC-2: Business Law				
II	CC-3: Cost Accounting	AECC 2 Environmental Science			GE Paper 2 Macro & Indian Economy
	CC-4: Corporate Law				
III	CC-5: Corporate Accounting		SEC 1 (To be selected from the list of SEC courses)		GE Paper 3 Business Statistics
	CC-6: Income-tax Law and Practice				
	CC-7: Management Principles and Application				
IV	CC-8: GST and Indirect Taxes		SEC 2 (To be selected from the list of SEC courses)		GE Paper 4 Principles of Marketing
	CC-9: Fundamentals of Data Management (End Term Exam = 60, Practical = 25, Mid-term = 15)				
	CC-10: Management Accounting				
V	CC-11: Computerized Accounting & E-filing of Tax Returns (End Term Exam = 60, Practical = 25, Mid-term = 15)			DSE-1: (Title as chosen from one of the groups A, B & C for all DSE I, II, III & IV)	
	CC-12: Fundamentals of Financial Management			DSE-2:	
VI	CC-13: Auditing and Corporate Governance			DSE-3:	
	CC-14: Business Mathematics			DSE-4:	

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Framework of CBCS Syllabus for ENGLISH (Honours) from 2022-23

Full Form of Course Codes Used: CC = Core Course, AECC = Ability Enhancement Compulsory Course, SEC = Skill Enhancement Course, DSE = Discipline Specific Elective (Related to Core Subject), GE = Generic Elective (Not related to Core Subject); One subject with 4 papers or 2 different subjects of 2 papers each).

Total Marks: CC (1400) + DSE (1400+400) + AECC (200) + SEC (200) + GE (400) = 2600

Semester	CC 14 Papers 100 x 14 = 1400	AECC 2 Papers 100 x 2 = 200	SEC 2 Papers 100 x 2 = 200	DSE 4 Papers 100 x 4 = 400	4 Papers 100 x 4 = 400
I	CC-1: British Poetry and Drama: 14th to 17th Centuries	AECC 1 MIL Communication			GE A Paper 1/GE Paper 1 (Title as applicable)
	CC-2: British Poetry and Drama: 17th and 18th Century				
II	CC-3: British Prose: 18th Century	AECC 2 Environmental Science			GE A Paper 2/GE Paper 2 (Title as applicable)
	CC-4: Indian Writing in English				
III	CC-5: British Romantic Literature		SEC 1 (To be selected from the list of SEC courses)		GE B Paper 1/GE Paper 3 (Title as applicable)
	CC-6: British Literature 19 th Century				
	CC-7: British Literature: Early 20th Century				
IV	CC-8: American Literature		SEC 2 (To be selected from the list of SEC courses)		GE B Paper 2 /GE Paper 4 (Title as applicable)
	CC-9: European Classical Literature				
	CC-10: Women's Writing				
V	CC-11: Modern European Drama			DSE-1: Literary Theory	
	CC-12: Indian Classical Literature			DSE-2: World Literature	
VI	CC-13: Postcolonial Literatures			DSE-3: Partition Literature	
	CC-14: Popular Literature			DSE-4: Writing for Mass Media	

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EDUCATION

Framework of CBCS Syllabus for EDUCATION (Honours) from 2022-23

Full Form of Course Codes Used: CC = Core Course, AECC = Ability Enhancement Compulsory Course, SEC = Skill Enhancement Course, DSE = Discipline Specific Elective (Related to Core Subject), GE = Generic Elective (Not related to Core Subject). Subject code subject with 4 papers or 2 different subjects of 2 papers each).

Marks: CC+DSE (1400+400) + AECC (200) + SEC (200) + GE (400) = 2600

Semester	CC 14 Papers 100 x 14 = 1400	AECC 2 Papers 100 x 2 = 200	SEC 2 Papers 100 x 2 = 200	DSE 4 Papers 100 x 4 = 400	4 Papers 100 x 4 = 400
I	CC-1: Educational Philosophy	AECC 1 MIL Communication			GE A Paper I/C Paper I (Title applicable)
	CC-2: Educational Psychology				
II	CC-3: Educational Sociology	AECC 2 Environmental Science			GE A Paper II/GE Paper II (Title as applicable)
	CC-4: Changing Pedagogical Perspective				
III	CC-5: Educational Assessment and Evaluation		SEC 1 (To be selected from the list of SEC courses)		GE B Paper I/C Paper III (Title as applicable)
	CC-6: Educational Research				
	CC-7: Statistics in Education				
IV	CC-8: History of Education in India		SEC 2 (To be selected from the list of SEC courses)		GE B Paper II/GE Paper IV (Title as applicable)
	CC-9: Curriculum Development				
	CC-10: Guidance and Counselling				
V	CC-11: Development Of Education In Odisha			DSE-1: a. Pedagogy of English OR b. Odia	
	CC-12: Information And Communication Technology In Education			DSE-2: a. Pedagogy of Social Science OR b. Pedagogy of Mathematics	
VI	CC-13: Contemporary Trends And Issues In Indian Education			DSE-3: Policy and Practices in school Education in India OR Policy and practices in Higher Education in India.	
	CC-14: Educational Management And Leadership			DSE-4: Inclusive Education OR Dissertation.	


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Framework of CBCS Syllabus for ODIA (Honours) from 2022-23

Course Codes Used: CC = Core Course, AECC = Ability Enhancement Compulsory Course, SEC = Skill Enhancement Course, DSE = Discipline Specific Elective (Related to Core Subject), GE = Generic Elective (Not related to Core Subject). One subject with 4 papers or 2 different subjects of 2 papers each.
 Total Marks: CC+DSE (1400+400) + AECC (200) + SEC (200) + GE (400) = 2600

Semester	CC 14 Papers 100 x 14 = 1400	AECC 2 Papers 100 x 2 = 200	SEC 2 Papers 100 x 2 = 200	DSE 4 Papers 100 x 4 = 400	4 Papers 100 x 4 = 400
I	ପ୍ରାଚୀନ ଓଡ଼ିଆ ସାହିତ୍ୟର ଇତିହାସ: CC-1: (ବର୍ତ୍ତମାନର ପଞ୍ଚମୋ ପର୍ଯ୍ୟନ୍ତ) CC-2: ମଧ୍ୟଯୁଗୀୟ ଓଡ଼ିଆ ସାହିତ୍ୟ: (ପ୍ରାଚୀନ, କାବି ଓ ଗୀତି ସାହିତ୍ୟ)	AECC 1 MIL Communication			GE A Paper 1/GE Paper 1 (Title as applicable)
	CC-3: ଆଧୁନିକ ଓଡ଼ିଆ ସାହିତ୍ୟ (ସାଧାରଣ ପୂର୍ବବର୍ତ୍ତୀ) CC-4: ସାଧାରଣ ପରବର୍ତ୍ତୀ ଓଡ଼ିଆ ସାହିତ୍ୟ	AECC 2 Environmental Science			GE A Paper 2/GE Paper 2 (Title as applicable)
III	CC-5: ଭାଷାର ସଂସ୍କାର ଓ ସ୍ଵରୂପ		SEC 1 (To be selected from the list of SEC courses)		GE B Paper 1/GE Paper 3 (Title as applicable)
	CC-6: ଓଡ଼ିଆ ଭାଷାର ବୈଶିଷ୍ଟ୍ୟ ଓ ବିକାଶ				
	CC-7: ଓଡ଼ିଆ ବ୍ୟାକରାଣିକ ବ୍ୟାକରଣ				
IV	CC-8: ଓଡ଼ିଆ ଲୋକ ସଂସ୍କୃତି ଓ ଲୋକସାହିତ୍ୟ		SEC 2 (To be selected from the list of SEC courses)		GE B Paper 2/GE Paper 4 (Title as applicable)
	CC-9: ପ୍ରାଚ୍ୟ ଓ ପାଶ୍ଚାତ୍ୟ ସାହିତ୍ୟ ତତ୍ତ୍ଵ				
	CC-10: ଓଡ଼ିଆ ପଦ୍ୟ ସାହିତ୍ୟ (ପ୍ରାଚୀନରୁ ସାଧାରଣ ପର୍ଯ୍ୟନ୍ତ)				
V	CC-11: ଓଡ଼ିଆ ନାଟକ ଓ ଏକାଙ୍କୀକା			DSE-1: ଓଡ଼ିଆ ସଂସ୍କୃତିର ଇତିହାସ ଓ ଓଡ଼ିଆ ସାହିତ୍ୟ	
	CC-12: ଓଡ଼ିଆ କଥା ସାହିତ୍ୟ (ଗଳ୍ପ ଓ ଉପନ୍ୟାସ)			DSE-2: ଓଡ଼ିଆ ଚିନ୍ତା ସମ୍ବନ୍ଧରେ ଓଡ଼ିଆ ସାହିତ୍ୟର ବିଶେଷତା	
VI	CC-13: ଓଡ଼ିଆ ଗପ ସାହିତ୍ୟ (ପ୍ରକଳ୍ପ, ଆତ୍ମଜୀବନ, ଉପନ୍ୟାସ)			DSE-3: ଓଡ଼ିଆ ପଦ୍ୟ ସାହିତ୍ୟ	
	CC-14: ଓଡ଼ିଆ ଭାଷାର ବ୍ୟାକରାଣିକ ପ୍ରୟୋଗ			DSE-4: ଓଡ଼ିଆ ସଂସ୍କୃତି ଓ ଉପସ୍ଥାପନା	

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HISTORY

Framework of CBCS Syllabus for HISTORY (Honours) from 2022-23

Course Codes Used: CC = Core Course, AECC = Ability Enhancement Compulsory Course, SEC = Skill Enhancement Course, DSE = Discipline Specific Elective (Related to Core Subject), GE = Generic Elective (Not related to Core Subject; 2 different subjects of 2 papers each). Total Marks: CC & DSE (1400+400) + AECC (200) + SEC (200) + GE (400) = 2600

Semester	CC 14 Papers 100 x 14 = 1400	AECC 2 Papers 100 x 2 = 200	SEC 2 Papers 100 x 2 = 200	DSE 4 Papers 100 x 4 = 400	GE 4 Papers 100 x 4 = 400
I	CC-1: History of India-I	AECC 1 MIL Communication			GE A Paper I/GE Paper I (Title as applicable)
	CC-2: Social Formations and Cultural Patterns of the Ancient World				
II	CC-3: History of India-II	AECC 2 Environmental Science			GE A Paper II/GE Paper II (Title as applicable)
	CC-4: Social Formations and Cultural Patterns of the Medieval World				
III	CC-5: History of India-III (c.750-1206)		SEC 1 (To be selected from the list of SEC courses)		GE B Paper I/GE Paper III (Title as applicable)
	CC-6: Rise of Modern West-I				
	CC-7: History of India-IV (c.1206-1526)				
IV	CC-8: Rise of Modern West-II		SEC 2 (To be selected from the list of SEC courses)		GE B Paper II/GE Paper IV (Title as applicable)
	CC-9: History of India-V (c.1526-1750)				
	CC-10: Historical Theories and Methods				
V	CC-11: History of Modern Europe-I(c.1780-1880)			DSE-1: History and Culture of Odisha - I	
	CC-12: History of India-VII (1750-1857)			DSE-2: History and Culture of Odisha - II	
VI	CC-13: History of India-VIII (C.1857-1950)			DSE-3: History and Culture of Odisha-III	
	CC-14: History of Modern Europe-II(1880-1939)			DSE-4: History of Contemporary Odisha (1947-1980) Or Project (if eligible)	


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Framework of CBCS Syllabus for POLITICAL SCIENCE (Honours) from 2022-23

Full Form of Course Codes Used: CC = Core Course, AECC = Ability Enhancement Compulsory Course, SEC = Skill Enhancement Course, DSE = Discipline Specific Elective (Related to Core Subject), GE = Generic Elective (Not related to Core Subject; One subject with 4 papers or 2 different subjects of 2 papers each).

Exam Marks: CC&DSE (1400+400) + AECC (200) + SEC (200) + GE (400) = 2600

Semester	CC 14 Papers 100 x 14 = 1400	AECC 2 Papers 100 x 2 = 200	SEC 2 Papers 100 x 2 = 200	DSE 4 Papers 100 x 4 = 400	4 Papers 100 x 4 = 400
I	CC-1: Understanding Political Theory	AECC 1 MIL. Communication			GE A Paper 1/GE Paper 1 (Title as applicable)
	CC-2: Constitutional Government and Democracy in India				
II	CC-3: Political Theory- Concepts and Debates.	AECC 2 Environmental Science			GE A Paper 2/GE Paper 2 (Title as applicable)
	CC-4: Political Process in India				
III	CC-5: Introduction to Comparative Government and Politics		SEC 1 (To be selected from the list of SEC courses)		GE B Paper 1/GE Paper 3 (Title as applicable)
	CC-6: Introduction to Public Administration				
	CC-7: Perspectives on International Relations				
IV	CC-8: Political Processes and Institutions in Comparative Perspective		SEC 2 (To be selected from the list of SEC courses)		GE B Paper 2 /GE Paper 4 (Title as applicable)
	CC-9: Public Policy and Administration in India				
	CC-10: Global Politics				
V	CC-11: Western Political Philosophy			DSE-1: Introduction to Human Rights	
	CC-12: Indian Political Thought (Ancient & Medieval)			DSE-2: Development Process and Social Movements in Contemporary India	
VI	CC-13: Contemporary Political Philosophy			DSE-3: India's Foreign Policy in a Changing world	
	CC-14: Modern Indian Political Thought			DSE-4: Women, Power and Politics OR Dissertation	

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Framework of CBCS Syllabus for SANSKRIT (Honours) from 2022-23

Full-time Course Codes Used: CC = Core Course, AECC = Ability Enhancement Compulsory Course, SEC = Skill Enhancement Course, DSE = Discipline Specific Elective (Related to Core Subject), GE = Generic Elective (Not related to Core Subject); One subject with 4 papers or 2 different subjects of 2 papers each).
Total Marks: CC&DSE (1400+400) + AECC (200) + SEC (200) + GE (400) = 2600

Semester	CC 14 Papers 100 x 14 = 1400	AECC 2 Papers 100 x 2 = 200	SEC 2 Papers 100 x 2 = 200	DSE 4 Papers 100 x 4 = 400	4 Papers 100 x 4 = 400
I	CC-1: Moral Teachings and Basics of Sanskrit	AECC 1 MIL Communication			GE A Paper 1/GE Paper 1 (Title as applicable)
	CC-2: Drama-I & History of Sanskrit Literature -I				
II	CC-3: Drama-II & Dramaturgy	AECC 2 Environmental Science			GE A Paper 2/GE Paper 2 (Title as applicable)
	CC-4: An Introduction to the Technique of Paninian Grammar & Prosody				
III	CC-5: Poetry & History of Sanskrit Literature- II		SEC 1 (To be selected from the list of SEC courses)		GE B Paper 1/GE Paper 3 (Title as applicable)
	CC-6: Meta-Rules of Paninian Grammar, Poetics and Figures of Speech				
	CC-7: Cases and Case Endings in Paninian Grammar & Translation-I				
IV	CC-8: Upanisad, Ramayana & Bhagavadgita		SEC 2 (To be selected from the list of SEC courses)		GE B Paper 2 /GE Paper 4 (Title as applicable)
	CC-9: Case and Case Endings of Paninian Grammar, Translation- II & Lexicon				
	CC-10: Ornate Prose in Classical Sanskrit				
V	CC-11: Ornate Poetry in Sanskrit	**		DSE-1: SocioPolitical Thought in Ancient India	
	CC-12: Veda, Vedic Grammar & History of Vedic Literature			DSE-2: Ethical Literature in Sanskrit	
VI	CC-13: Ayurveda & Vrksayurveda			DSE-3: Translation, Editing and Writing Skill	
	CC-14: Technical Literature in Sanskrit			DSE-4: Indian Philosophy: General Idea or Project Preparation and Presentation (If eligible)	

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Framework of CBCS Syllabus for CHEMISTRY (Honours) from 2022-23

Full Form of Course Codes Used: CC = Core Course, AECC = Ability Enhancement Compulsory Course, SEC = Skill Enhancement Course, DSE = Discipline Specific Elective (Related to Core Subject), GE = Generic Elective (Not related to Core Subject); One subject with 4 papers or 2 different subjects of 2 papers each.
Total Marks: CC+DSE (1400+400) + AECC (200) + SEC (200) + GE (400) = 2600

Subject	CC 14 Papers 100 x 14 = 1400	AECC 2 Papers 100 x 2 = 200	SEC 2 Papers 100 x 2 = 200	DSE 4 Papers 100 x 4 = 400	GE 4 Papers 100 x 4 = 400
I	CC-I: Inorganic Chemistry-I	AECC 1 MIL Communication			GE A Paper I/GE Paper I (Title as applicable)
	CC-II: Physical Chemistry-I				
II	CC-III: Organic Chemistry-I	AECC 2 Environmental Science			GE A Paper II/GE Paper II (Title as applicable)
	CC-IV: Physical Chemistry-II				
III	CC-V: Inorganic Chemistry-II		SEC 1 (To be selected from the list of SEC courses)		GE B Paper I/GE Paper III (Title as applicable)
	CC-VI: Organic Chemistry-II				
	CC-VII: Physical Chemistry-III				
IV	CC-VIII: Inorganic Chemistry-III		SEC 2 (To be selected from the list of SEC courses)		GE B Paper II/GE Paper IV (Title as applicable)
	CC-IX: Organic Chemistry-III				
	CC-X: Physical Chemistry-IV				
V	CC-XI: Organic Chemistry-IV			DSE-I: Polymer Chemistry	
	CC-XII: Physical Chemistry-V			DSE-II: Green Chemistry	
VI	CC-XIII: Inorganic Chemistry-IV			DSE-III: Industrial Chemical and Environment	
	CC-XIV: Organic Chemistry-V			DSE-IV: Inorganic Materials of Industrial Importance Project work (if eligible)	

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 2-5-23
Principal
 Khaira College, Khaira
 Balasore



Framework of CBCS Syllabus for BOTANY (Honours) from 2022-23

Full Form of Course Codes Used: CC = Core Course, AECC = Ability Enhancement Compulsory Course, SEC = Skill Enhancement Course, DSE = Discipline Specific Elective (Related to Core Subject), GE = Generic Elective (Related to Core Subject; One subject with 4 papers or 2 different subjects of 2 papers each).
Total Marks: CC&DSE (1400+400) + AECC (200) + SEC (200) + GE (400) = 2600

Semester	CC 3-4 Papers 100 x 4 = 1400	AECC 2 Papers 100 x 2 = 200	SEC 2 Papers 100 x 2 = 200	DSE 4 Papers 100 x 4 = 400	GE 4 Papers 100 x 4 = 400
I	CC-I: Microbiology and Phycology	AECC 1 MIL Communication			GE A Paper I/GE Paper I (Title as applicable)
	CC-II: Biomolecules and Cell Biology				
II	CC-III: Mycology and Phytopathology	AECC 2 Environmental Science			GE A Paper II/GE Paper II (Title as applicable)
	CC-IV: Archegoniate				
III	CC-V: Anatomy of Angiosperms		SEC 1 (To be selected from the list of SEC courses)		GE B Paper I/GE Paper III (Title as applicable)
	CC-VI: Economic Botany				
	CC-VII: Genetics				
IV	CC-VIII: Molecular Biology		SEC 2 (To be selected from the list of SEC courses)		GE B Paper II/GE Paper IV (Title as applicable)
	CC-IX: Plant Ecology & Phytogeography				
	CC-X: Plant Systematics				
V	CC-XI: Reproductive Biology of Angiosperms			DSE-I: Analytical Techniques in Plants Sciences	
	CC-XII: Plant Physiology			DSE-II: Natural Resource Management	
VI	CC-XIII: Plant Metabolism			DSE-III: Horticulture Practices & Post Harvest Technology	
	CC-XIV: Plant Biotechnology			DSE-IV: Industrial And Environmental Microbiology OR Project work (if eligible)	


 25-22
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