

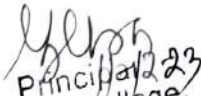
PROGRAMME OUTCOME
Department of Economics




After successful completion of the UG course in economics students will be able to acquire a social and in-depth knowledge of the theory and scholarly literature in the area of economics. This programme enable the students to understanding interaction between theory and policy. The students, through this subjects intellectually enriched to examine a range of questions. How business compete and manage to survive in a globalized economy? What are the main drivers of the economy and how are policies formulated to promote growth and development with minimum degree of inequality and not at the cost of environment degradation? What is the importance of taxation and public expenditure in a welfare state considering fiscal policy and monetary policy simultaneously? How mathematical models are used to explain economic variables both in micro and macro level?

This programme also improves the reasoning capabilities of the students and trains them to generate analysis and critical insight through reflective reading, writing and inter pretation of date pertaining to economic activities. These skills are imparted to students through lectures, seminars, presentations and study tours.

This programme prepares the students not only for advanced graduate level work in economics, but also in business management, law, environmental studies, public policies etc. Furthermore, will built a solid and sound structure for students interested n pursuing careers in civil services, financial service, market research firms, data processing consulting, Economic journalism and many more fields related to financial and management matters in Government and non-government organizations.



Principal 22/23
Simulia College,
Markona, Balasore



H.O.D.
Department of Economics
Simulia College, Markona



DEPARTMENT OF ENGLISH PROGRAMME SPECIFIC OUTCOME

English Literature courses in the Department of English expose students to a wide range of writing from British, American and Anglophone traditions. It helps students explore how writers use the creative resources of language-in fiction, poetry, non-fiction prose, and drama to explore the entire range of human experience. Students are expected to strive, to be imaginative, rhetorically dexterous, and technically proficient and as a result, to gain a deeper insight into life. With the introduction of new syllabus under CBCS, which promotes a new thematic frame work where classical Indian Bhasa literature share spaces with contemporary literary crosscurrents, UG syllabus at Simulia College Markona, Balasore helps students build skills of analytical and interpretive argument, and become careful and critical readers. Again, students' engagement with various strategies of drafting and revising, style of writing and analytical skills, diagnosing and developing scholarly methodologies, use of language as a means of creative expression, will make them effective thinkers and communicators — qualities which are crucial for choosing careers in our information-intensive society.


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22/11/23
HOD
Dept. of English
Simulia College, Markona
Balasore





PROGRAMME OUTCOME

Department of Education

Students will be able to

- Understand nature of education and pedagogic process through enriched experiences.
- Contribute to fill up the gap between theory and practice.
- Understand basic concepts and ideas of educational theory.
- Build understanding and perspective on the nature of the learner, diversity and learning.
- Interactive process where in group reflection, critical thinking and meaning making will be encouraged.
- Understand various educational issues in the context of diverse socio cultural and multilingual Indian society.
- Enable them to face the challenge of social, political and technological issues.
- Describe teaching-learning process in the classroom and various factors that influence it.
- Plan and organize classroom through learners centered techniques of instruction for inclusive education and effective whole classroom instruction.
- Know the effective use of information communication technology resources, on-line as well as offline for day-to-day classroom teaching.
- Develop and select tests, evaluate and keep records of student's progress.
- To develop problem solving ability through action research.
- Education is that whose product is salvation.
- Last but not least students will be good teacher, good administrator, good leader and above all good citizen in future life.


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H.O.D.
Department of Education
SIMULIA COLLEGE, MARKONA

PROGRAMME OUTCOME
Department of History



1. With reference to the course contents and its outcomes after the completion of the 3 years degree course in History. It is believed that the students would be well versed and acquainted with the developments of historical data and facts, historical perspective of various subjects relating to ancient, medieval and modern developments of states All over the Globe.
2. Attempts is made for students to develop their own ideas. Critical think and express it in their own words. The students are expected to pass on their idea and knowledge to others which acquired through the course completed by the students.
3. Students are expected to use their analytical ability for in depth studies which is acquired through the courses covered by them.
4. The students after they have completed the courses are expected to have a sound judgment on historical data and evidence and should be able to have a critical analysis of the subject.
5. Students should have a practical insight of the various historical arguments and various historical theories brought forward to history.
6. It helps students to give an understanding of various issues relating to history.

[Signature]
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Markona, Balasore

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Dr. Umakanti Ray

H.O.D.
Department of History
SIMULIA COLLEGE, MARKONA
BALASORE




PROGRAMME OUTCOME DEPARTMENT OF ODISIA

ଓଡ଼ିଶା ସ୍ୱତନ୍ତ୍ର ଭାଷାଭିତ୍ତିକ ପ୍ରଦେଶୀ ଓଡ଼ିଶାର ସଂସ୍କୃତି, ସାହିତ୍ୟ, ଧର୍ମଧାରଣା, ଶ୍ରୀଷ୍ଟପୂର୍ବ ଶତାବ୍ଦୀର ପୁରୁଣା। ତେଣୁ ଓଡ଼ିଆ ଭାଷାରେ ସ୍ନାତକ ଶିକ୍ଷାଲାଭ ଦ୍ୱାରା ପ୍ରାଚୀନ ସାହିତ୍ୟ ଓ ପରମ୍ପରା, ମଧ୍ୟଯୁଗୀୟ ଚଳଣି ଓ କୃତୀ, ତଥା ଆଧୁନିକ କାଳର ବିକଶିତ ଜୀବନଚର୍ଯ୍ୟା ଓ ସାହିତ୍ୟିକ ଚନ୍ଦ୍ର ଓ ତଥ୍ୟ ସଂପର୍କରେ ବଳିଷ୍ଠ ଧାରଣା ସୃଷ୍ଟି ହୋଇଥାଏ । ତେଣୁ ସ୍ନାତକ ଉପାଧି ପ୍ରାପ୍ତି ପରେ ଜୀବିକା ଅର୍ଜନ ଓ ଜୀବନ ଧାରଣା ନିମନ୍ତେ ପର୍ଯ୍ୟାପ୍ତ ସୁଯୋଗ ସୃଷ୍ଟି ହୋଇଥାଏ ।

ଯଥା-

- 1) ଜଣେ ଓଡ଼ିଆ ସ୍ନାତକ ଡିଗ୍ରୀଧାରୀ ଓଡ଼ିଆରେ ସ୍ନାତକୋତ୍ତର ଶିକ୍ଷାଲାଭ କରି ପାରିବେ ।
- 2) ବି.ଇଡି. ବା ଶିକ୍ଷା ପ୍ରଶିକ୍ଷଣ ପ୍ରାପ୍ତି ନିମନ୍ତେ ଆବଶ୍ୟକୀୟ ପାଠ୍ୟ ପଢ଼ିପାରିବେ ।
- 3) ବି.ଇଡି. ଶିକ୍ଷା ପ୍ରାପ୍ତି ପରେ ବିଦ୍ୟାଳୟ ମାନଙ୍କରେ ମାତୃଭାଷା ଶିକ୍ଷକଭାବେ ନିଯୁକ୍ତି ପ୍ରାପ୍ତ ହୋଇପାରିବ ।
- 4) ପ୍ରଶାସନିକ ବୃତ୍ତି ପ୍ରାପ୍ତି ନିମନ୍ତେ ଓଡ଼ିଆକୁ ସ୍ୱତନ୍ତ୍ର ବିଷୟ ରୂପେ ନିର୍ବାଚନ କରିପାରିବେ ।
- 5) ଜଣେ ସୁଲେଖା / ସୁବକ୍ତା, ବିଜ୍ଞ ରାଜାନୀତିଜ୍ଞ, ଆଦର୍ଶ ସମାଜ କର୍ମୀ ହୋଇପାରିବେ ।
- 6) କୃଷି, ବ୍ୟବସାୟ କ୍ଷେତ୍ରରେ ପ୍ରତ୍ୟକ୍ଷ ଜ୍ଞାନ ଲାଭ କରିପାରିବେ ।
- 7) ଓଡ଼ିଆ ଭାଷାରେ ସ୍ନାତକ ଶିକ୍ଷାପ୍ରାପ୍ତ ଜଣେ ଛାତ୍ର ଜଣେ ସଂପାଦକ ଓ ସାମ୍ବାଦିକ ଭାବରେ କାର୍ଯ୍ୟ କରିପାରିବେ ।
- 8) ଓଡ଼ିଆ ମାତୃଭାଷା ହୋଇଥିବାରୁ, ମାତୃଭାଷାରେ ସ୍ନାତକ ହେବାପରେ, ବୃତ୍ତିଗତ ସମ୍ଭାବନା ଗୁଡ଼ିକୁ ବାସ୍ତବରୂପ ଦେବାରେ, ଜଣେ ଛାତ୍ର ଅଧିକ ସକ୍ଷମ ହୋଇଥାଏ ।

ଓଡ଼ିଆ ଭାଷାରେ ସ୍ନାତକ ଶିକ୍ଷାଦ୍ୱାରା ପ୍ରତ୍ୟକ୍ଷଜ୍ଞାନ ଓ କୌଶଳର ଅଧିକାରୀ ହୋଇଥାନ୍ତି ଛାତ୍ରଛାତ୍ରୀମାନେ । କେବଳ ଡିଗ୍ରୀ ହାସଲ ନୁହେଁ, ମାତୃଭାଷା କୈନ୍ଦ୍ରିକ ସୁବିଧା ସୁଯୋଗକୁ ପ୍ରସ୍ତୁତହୋଇଥାନ୍ତି ।


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Dept. of Odia
Simulia College,
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PROGRAMME OUTCOME
Department of Political Science



B.A. in Political Science as a three year programme helps the students acquiring the knowledge about the basis of political education.

- ❖ It gives political training to the students.
- ❖ It enables the students to understand the key concepts and concerns in political science.
- ❖ It provides learners with sufficient knowledge and skills needed to be good citizens of the country.
- ❖ It helps the students in understanding the world, country, society and have awareness of varieties of local, national and global problems and creates awareness about the rights and duties towards the self and to others.
- ❖ It enables students to understand and follow changes in pattern of political behavior, ideas and structures.
- ❖ It helps the students to acquire knowledge on the laws of Human Rights, International law, cyber law and so on.
- ❖ It opens various career options for the students in civil services, banking, journalism, teaching, legal profession, business administration, tourism, etc.
- ❖ It helps the students to understand and gain the knowledge of various laws and policies of the countries in the global society.


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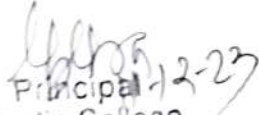


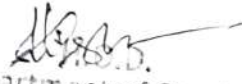
H.O.D.
Department of Pol. Science
SIMULIA COLLEGE, MARKONA
BALASORE.

PROGRAMME OUTCOME
Department of Sanskrit



1. UG Sanskrit Programme outcome: students are able to frame correct sentences both in Spoken and written forms. Students receive advanced knowledge of ancient Indian religion, literature and celestial gods.
2. The aim of this programme is to make the students acquainted with various aspects of social science. Sanskrit education provides learners and skills needed to pursue for a professional career as a teacher, lecturer, profession and good speaker, religions priests, researchers, social reformers, social workers.
3. The students gain a deeper understanding of Indian Culture, philosophy, spirituality and good behavior. It has tremendous impact on the behavior, responsibility of the parents to the students.
4. Sanskrit is a very rich language of India, through which Ayurvedic, Astrology, Architecture and Horticulture can be used to make the future of the society better and brighter. Sanskrit Pandit said that: "DHARMARTHAKAMA MOKSHANAM ARUGYA MULAMUTTAM".


Principal 12-23
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Department of Sanskrit
Simulia College Markona
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PROGRAMME OUTCOME **Department of Commerce**


UG in commerce as a 3 years degree course, helps the students in acquiring fundamental knowledges about the basic education on Accounting, Mathematics, statistics, management, income-tax, GST, financial market, management accounting, marketing management, Auditing, corporate Tax planning, E-Filing of Tax, computer education, Economics and Environmental science etc. It is a mixed Form of education of science, art & culture, Business research & other allied educational topics.

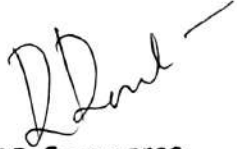
So, commerce is otherwise termed as synopsis of "combination of management & research activities over Business & Industry."

It educates students on the following fields of enquiry.

- It provides a basic fundamental knowledge of Accountancy, Cost Accounting, Management Accounting & some other specialized accounting topics.
- It enables the students to understand key concepts of General management concept, marketing management, financial management etc.
- It provides the learners about the knowledge of Income-Tax, GST, Corporate Tax Planning & Assessment of Tax Liability.
- It helps the students to understand the basic terms of trade, industry, commerce, business, corporate sector, public sector, National & multinational industries etc.
- It also provides a brief knowledge about production planning, materials management, stores management, sales strategy, different types of budgets, management of finance, profit planning & cost reduction techniques.
- The knowledge about statistical analysis like SWOT, CPM, PERT etc. are also considered as outcome of commerce today.
- The knowledge of mathematics, arithmetic, calculus, LPP can be acquired by the students for the present days job requirement.

Studying commerce can open the way to a variety of exiting job opportunities. There are a plethora of amazing career options that we can explore in the field of commerce. These are CHARTERED ACCOUNTING, INVESTMENT BANKER, CHARTERED FINANCIAL ANALYSTS, COMPANY SECRETARY, COST ACCOUNTANT, PERSONAL FINANCIAL ADVISOR, MARKETING MANAGER, PROJECT DIRECTOR IN BUSINESS ADMINISTRATION, BUSINESS EXECUTIVE, TAX-CONSULTANT, GST-FILING OFFICER, COMMERCIAL TAX OFFICER, LOCAL-FUND AUDITOR, STATISTICAL INVESTIGATOR, SECTION OFFICER ETC.


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HOD, Commerce
Simulia College,
Markona, Balasore



PROGRAMME OUTCOME **Department of Mathematics**

- After completion of B.Sc.(H) Degree in Mathematics students able to –
1. Gain an understanding to solve problems with the use of differential geometry to diverse situations in Mathematical contexts.
 2. Develop different properties associated with curves and surfaces.
 3. Demonstrate a depth of understanding in advanced mathematical topics in relation to geometry of curves and surfaces.
 4. Children are expected to move from concrete ideas of numbers to number sense sees relationship between numbers and looks for patterns in relationship.
 5. Understand and applies concept related to variables, expressions, equations, identities, etc.
 6. Diverse career opportunities: A B.Sc. in Mathematics provides a solid foundation in mathematical principles and problem-solving skills that are in demand in a variety of fields, including finance, data analysis, computer science, engineering and scientific research.
 7. There are a wide variety of careers after B.Sc. Mathematics. This includes in banking, accounting, teaching, statistician, business analyst etc.
 8. After B.Sc. Mathematics students can join as technical Assistant.
 9. A B.Sc. Degree is good for UPSC given the over lapping of subjects between the course and UPSC syllabus.


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Principal
Simula College,
Markona, Balasore

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HOD Mathematics
Simula College, Markona
Balasore



PROGRAMME OUTCOME **Department of Physics**

- After completion of B.Sc.(H) Degree in Physics students will be able to
1. Solve and understand major concepts in all disciplines of physics.
 2. Create an awareness of the impact of physics on the environment and society.
 3. Find out the green route for physical world for sustainable development.
 4. To calculate scientific temperament in the students and outside the scientific community.
 5. Gain knowledge of physics through theory and practical.
 6. To explain structure, properties and functions of the fundamental particles of atom.
 7. To understand the basic principles of quantum mechanics and modern physics and its application through various laboratory experiments.
 8. Develop research-oriented skills.
 9. Use modern physics experiments.
 10. Understand good laboratory practice and application.
 11. Candidates graduating with this degree can work in BARC (Bhabha Atomic Research Centre), institute of physics, Indian institute of science (I.I.C) and in ratio physics.


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Dept. of Physics
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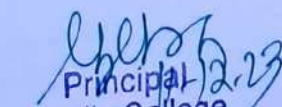


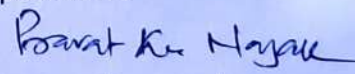
PROGRAMME OUTCOMES

Dept. of Chemistry

After completion of BSc degree in chemistry students will be able to-

- 1) Solve and understand major concepts in all disciplines of chemistry.
- 2) Create an awareness of the impact of chemistry on the environment and society.
- 3) Find out the green route for chemical reaction for sustainable development.
- 4) To inculcate scientific temperament in the students and outside the scientific community.
- 5) Gain knowledge of chemistry through theory and practical.
- 6) To explain nomenclature, stereochemistry, structure and mechanism of the chemical reactions.
- 7) To understand the basic principles of organic, inorganic, physical and analytical chemistry and it's applications through various laboratory experiments.
- 8) Develop research-oriented skills.
- 9) Use modern chemical tools and equipment.
- 10) Understand good laboratory practice and safety.
- 11) Candidates graduating with this degree can work in pharmaceutical industry, forensic science departments, plastic industries, chemical manufacturing companies, fertilizer producing companies and pesticides companies.



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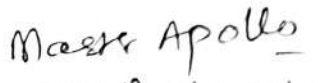

HOD, Chemistry
Simulia College, Markona,
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PROGRAMME OUTCOME Department of Botany

A student completing the course is able to understand different branches of Botany such as systematic, evolution, ecology, developmental biology, physiology, biochemistry, plant interaction with microbes and insects, morphology, anatomy, reproduction, genetics and molecular biology of various life forms. It develops a conceptual understanding of principles and importance of Botany so that students will be able to demonstrate knowledge on selected topics as well as apply knowledge to analyze a broad range of different phenomenon. Through Botany students will be able to identify plant-vegetative and reproductive structures and life process like photosynthesis, respiration, fertilization and fruit formation. Botany will enable the students to enter into different fields like agriculture, horticulture, mushroom cultivation, plant biodiversity, environmental science, academics so that they get employment, entrepreneur development and impact education to future generations.


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HOD Botany
Simulia College, Markona
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PROGRAMME OUTCOME OF UG ZOOLOGY HONOURS STUDENTS



After completion of the programme, the graduates will be capable of

1. To understand the taxonomic position, identifying characters, classification ecological role, life cycle, physiological mechanism of animals.
2. To understand the interaction and relationship between abiotic and biotic factors of the environment.
3. To have a basic idea on wild life in -site and ex-situ conservation and concept of wild life protection Act (1972)
4. To understand how mammalian body get nutrition from different macromolecules.
5. To understand the structure, function and comparative anatomy of different body systems from fish to mammals.
6. To study the different types of silkworms and their life cycles and the present status of sericulture.
7. To understand the salient features and the model of DNA and RNA and the mechanism of central dogma.
8. To study the principles of inheritance of mendelian genetics.
9. To enhance the students with an in depth knowledge about fishing and protecting the marine environment.
10. To understand the different evolutionary concepts and basic ideas of origin of life.
11. To understand the different parasitological terms and life cycle epidemiology, pathogenicity, diagnosis, prophylaxis and treatment of important parasites.
12. To understand the different prokaryotic and eukaryotic pathogens and different microbial disease.
13. To understand the structure and functions of reproductive organs and different types of sexual transmitted disease (STD).


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