

OFFICE OF THE PRINCIPAL
GOVERNMENT AUTONOMOUS COLLEGE, ANGUL, ODISHA-759143
ସରକାରୀ ସ୍ୱୟଂଶାସିତ ମହାବିଦ୍ୟାଳୟ, ଅନୁଗୋଳ, ଓଡ଼ିଶା: ୭୫୯୧୪୩
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SCOPE OF EMPLOYABILITY/ SKILL ENHANCEMENT/ENTREPRENEURSHIP

PG Programme

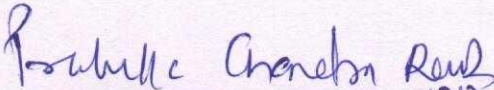
S.No	Name of Courses	Courses Code	Courses Name	Nature and Scope of employability/Skill Enhancement/Entrepreneurship
1	Economics	HCE-301	Basic Econometrics	Data Analyst
		CEE-301	Industrial Economics	Industrial Manager
		AEE-402	Industrial Relation And Management	Industrial Manager
2	Education	Edn-1.4	Pedagogical Foundation	Teacher
		Edn-2.7	Educational Research	Social Science Researcher
		Edn-3.12	Guidance And Counseling in Education	Counselor
		Edn-4.18	Teacher Education	Teacher
3	English	CE1301 CE1-302 CE1-303 CE1-304 CE1-305	Indian Writing In English	# Learn the basic skills of writing and editing # Create an employable post-graduate
4	History	C-7	Cultural Heritage of India	Tourism Sector
		C-11	Cultural Heritage of Odisha	Tourism Sector
5	Odia	P-3.1	Linguistics – I	Field of Linguistic Survey, Research Fellow
		P-3.2	Linguistics-II	Field of Linguistic Survey, Research Fellow
		P-3.3	Stage and Dramaturgy	Theatre Sector and Cultural Activities
		P-4.2	Research Methodology	Skill Enhancement
6	Sanskrit	Sans-2.3.11	Poetics and Plays-II	Writer, Theatre Artist
7	Sociology	SOC-C-5	SOCIOLOGY OF TRIBES	Jobs as tribal welfare officers
		SOC-C-9	Voluntary Sector Studies	Jobs as volunteer both in

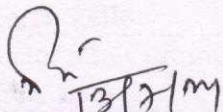
				NGO's and INGO 'such as UN, UNDP, ILO
		SOC- C-10	Sociology of Health and Gerontology	Gerontologists in the healthcare sector, public health and welfare organization job
		SOC -C-11	Urban Sociology	Community development workers in human welfare job 2.Social worker in NGO
		SOC-12 (FE/AE/-I)	Research Methodology and Applied Research	Jobs as research assistant, research assistant in Govt. and NGO sector
		SOC-13 (FE/AE/-II)	Sociology of Gender	Jobs as volunteer and gender counselling
		SOC -C-14	Sociology of environment and Climate Change	Volunteer jobs in Government and Non-Govt Organisation like ILO, UN, UNDP
		SOC -C-16	Rural sociology	Jobs in rural development sector, community development and workers in human welfare
		SOC -C-17	Sociology of Development Induced Displacement and Rehabilitation and Settlement	Researcher, Policy analyst, project evaluator, community development worker, consultant, advocate, NGO program officer, academic and government official
8	Commerce	MC1004	Corporate Legal Framework	Legal Advisor
		MC1005	Financial Modeling And Valuation	Financial Advisor
		MC1006	Digital Marketing	Digital Marketer
		MC3014	Business Data Analytics	Data Analysts
9	Botany	BOT-102	Diversity Of Vascular Plants	Skill Enhancement
		BOT-103	Cell & Molecular Biology	Biotechnology Industry, Pharmaceutical Industry
		BOT-104	Plant Biochemistry	Biotechnology Industry, Pharmaceutical Industry
		BOT-201	Cytogenetics, Plant Breeding & Biostatistics	Skill Enhancement
		BOT-202	Biotechnology & Genetic Engineering Of Plants	Biotechnology Industry
		BOT-204	Plant Taxonomy, Ecology & Evolution	Skill Enhancement

		BOT-301	Plant Development And Reproduction, Economic Botany	Entrepreneurship
		BOT-401 (A)	Biochemistry & Molecular Biology-I	Biotechnology Industry, Pharmaceutical Industry
		BOT-402(A)	Biochemistry & Molecular Biology-II	Biotechnology Industry, Pharmaceutical Industry
10	Chemistry	CH407	computer programmes	Skill enhancement
		CH412	organic synthesis	Pharmaceutical Companies
		CH503	synthesis of polymers and their characterization	Polymer Industry
		CH506	oxidation and reduction, protection of organic compounds	Synthetic Chemist
		CH ADD	Techniques of Chemical analysis	Skill enhancement, Chemist in Oil and Natural Gas Companies (ONGC, IOCL, BPCL)
		CH508	biological catalysts, enzyme action	Pharmaceutical Companies
		CH509	methods of synthesis, properties and reactivity of organometallic compounds with metal-carbon multiple bonds	Catalytic Industry
		CH510	fundamental concepts of polymer chemistry	Polymer Industry
		CH511	solid state reactions, chemical synthesis methods	Nano-technology
		CH512	determination of indicator constant, stoichiometry of a metal complex by Job's method	Skill enhancement
11	Computer Science	CS 1.3	Database Systems & Implementation	Students can become a Database administrator and get a job in IT industry
		CS 1.5	Data Analysis using Python	Students can join in various in research institute and IT industry
		CS 2.2	Advanced JAVA	Students can become a programmer and get a job in IT industry
		CS 3.4	Information Security	Students can be a security expert and get a job in IT industry
		CS 3.5	Machine Learning	Students can join in various in

				research institute and IT industry
12	Mathematics	MTC105	Data Processing and Numerical Computing Lab	IT sector industry
		MTC204	Numerical Optimization	Skill enhancement
		MTC205	Data base and C++ Lab	IT sector
		MTC302	Number Theory and Cryptography-I	Skill enhancement
		MTC303	Statistical Methods	Skill enhancement & entrepreneurship
13	Physics	PHY-102	Mathematical Methods in Physics	Skill Enhancement
		PHY-201	Quantum Mechanics-II(Application to Atomic and Molecular Physics)	Skill Enhancement
		PHY-203	Basic Condensed Matter Physics	Skill Enhancement
		PHY-204	Computational Methods in Physics	Skill Enhancement
		PHY-302	Electronics	Battery and Electronic Industry
14	Zoology	ZOO-101	Biosystematics, bioinformatics and No chordates	Technicians in natural history museum Technician
		ZOO-104	Instrumentation and Biostatistics	Technicians in all bioresearch lab, patholab, public health survey.
		ZOO-202	Microbiology And Immunology	Technicians in all bioresearch lab, patholab, public health survey.
		ZOO-301	Chordates, Comparative Anatomy And economic Zoology	Development of Small and medium bioenterpreunerships
		ZOO-303	Environmental Biology and wildlife conservation	NGOs(From local to global), Advisor, Consultant at all level from private to public sector, forest Department services
		ZOO-402A	Microbial Ecology And Biotechnology, And Nano biology	Technicians in all bioresearch labs, patholab, public health survey. Development of Small and medium bioenterpreunerships
15	I-MBA	104	Business Financial Accounting	Accountant
		205	Computer Fundamentals	Data instructor
		502	E-Commerce	Digital Marketer

		503	Introduction to financial market	Online Trading
		504	Banking Concepts	Banker
		602	Introduction to banking and insurance	Insurance Advisor
		604	Entrepreneurship Development	Start up
		802	Human Resource Management and strategy	Personnel Data Management
		903	Retail Management	Store Manager, Brand Manager
		905	Human Resource Planning	Recruiter
		905	Security Analysis and Portfolio management	Financial Analyst
		905	Advertisement and sales promotion	Ad agency, Creative designer Public Relation Department
		906	Product and Brand Management	Product Portfolio Manager
		906	Industrial Relation and Labor Law	Safety Officer, Welfare Officer
		907	Management of financial system	Financial Advisor
16	M. Com (F &C)	MFC 1.2	Financial Accounting	Accountant
		MFC 1.7	Business Communication	Front Office
		MFC 2.6	Research Methodology	Research and Development department
		MFC 3.2	Banking and financial institutions	Banker
		MFC 3.4	Security analysis and portfolio management	Portfolio Manager
		MFC 3.4	Advertisement and sales promotion	AD Agency, Creative Designer
		MFC 3.5	Corporate Tax Planning	Tax Consultant


ACADEMIC BURSAR 13/12/21


PRINCIPAL
 Principal
 Govt. Auto. College, Anghi