

**Department of Geography**  
**Program specific outcome (PSOs)**

**Program name --- 3 years B.A General degree**

At the end of the program students of geography will be able to;

**PSO 1-** identify/ describe various concepts/ phenomena of Physical and Human geography. **CL-1**

**PSO 2-** Interpret Man- Environment relationship and associate real-life experience with acquired knowledge. **CL- 2**

**PSO 3-** Illustrate and apply cartographic techniques and statistics in conduct of social survey and projects. **CL- 3**

**PSO 4-** Analyse the data related to geographical resources and represent graphically. **CL- 4**

**PSO 5-** Evaluate geographical knowledge as well as spatial and temporal distribution of resources. **CL- 5**

  
**Prof. (Dr.) Filipe Rodrigues e Melo**  
**Professor and Principal**

**Department of Geography**  
**Course outcomes (COs)**  
**Semester I**

Class: FYBA

Course: DSC- INTRODUCTION & FUNDAMENTALS OF GEOGRAPHY

No. of Credits: 3

Course Outcomes: At the end of the course students will able to:

Course Code	Course Outcomes	Course outcomes Bloom's Taxonomy
GEC 101. 1	Describe fundamentals of geographical concepts	CO1
GEC 101. 2	Relate human-environment relationship	CO2
GEC 101. 3	Analyse domains of the Earth	CO3
GEC 101. 4	Evaluate levels development based on social, economic and demographic indicators	CO 4

Class: FYBA

Course: DSC(Practical)- INTRODUCTION TO CARTOGRAPHIC TECHNIQUES

No. of Credit: 1

Course Outcomes: At the end of the course students will able to:

Course Code	Course Outcomes	Course outcomes Bloom's Taxonomy
GEC 101. 1	Locate places on the maps	CO1
GEC 101. 2	Interpret maps	CO2
GEC 101. 3	Prepare maps	CO3
GEC 101. 4	Compare different types of maps	CO4

## Semester I

Class: FYBA

Semester: I & II

Course: AECC: Environment studies--Natural Endowments: Status, Issues, Concerns and Responses.

No of Credits: 04

Course Outcomes: At the end of the course students will able to

Course Code:	Course Outcome (Cos)	Course outcomes Bloom's Taxonomy
GCPE-CC102	<b>recognize</b> and describe biodiversity at different level (Global, regional and local level), environmental pollution, and social issues.	CO1
GCPE_CC102	<b>relate</b> theoretical knowledge to the actual field e.g. energy conservation, managing the resources.	CO2
GCPE_CC102	<b>develop</b> the values and responsibility and towards the environment	CO3
GCPE_CC102	<b>distinguish</b> between the different kinds of resources.	CO4

Class: FYBA

Course: GE- Resource Geography of Goa

No. of Credits: 04

Course Outcomes: At the end of the course students will able to:

Course Code	Course Outcomes	Course outcomes Bloom's Taxonomy
GEG101	<b>Describe</b> the physical and economic setting of Goa.	CO.1
GEG102	<b>Explain</b> the demographic structure of Goa.	CO.2
GEG102	<b>Apply</b> geographical knowledge in real situations.	CO.3
GEG102	<b>Compare</b> the Resource Utilization of Goa : pre & post liberation.	CO.4

## Semester: II

Class: FYBA

Course: DSC--SOCIAL & CULTURAL GEOGRAPHY

No. of Credits: 3

Course Outcomes: At the end of the course students will able to:

Course Code	Course Outcomes	Course outcomes Bloom's Taxonomy
GEC 102	<b>Describe</b> fundamental concepts of Social & cultural geography of the world w.s.r.t. India	CO2
GEC 102	<b>Relate</b> Physical- Cultural environment and major regions of the world	CO3
GEC 102	<b>Analyze</b> World population: growth, Distribution, linguistic and religious composition and races of the world.	CO4
GEC 102	<b>Evaluate</b> Indicators and efforts of social well being in India	CO5

Class: FYBA

Course: DSC--PRACTICALS IN SOCIAL & CULTURAL GEOGRAPHY

No. of Credits: 1

Course Outcomes: At the end of the course students will able to:

Course Code	Course Outcomes	Course outcomes Bloom's Taxonomy
GEC 102	<b>Examine</b> social and cultural information through cartograms, graphs and charts.	CO1
GEC 102	<b>Interpret</b> social and cultural information through cartograms, graphs and charts.	CO2
GEC 102	<b>Prepare</b> variety of graphs and cartograms	CO3
GEC 102	<b>Compare</b> different types of cartograms	CO4

## Semester: II

Class: FYBA

Course: GE- Geography of Resource Utilization in Goa

Credit: 04

At the end of this course, the students will be able to

Course code	Course Outcomes	Course outcomes Bloom's Taxonomy
GEG102	<b>describe</b> the physical, social, economic and cultural resources utilization in the State of Goa.	CO1
GEG102	<b>identify</b> the agricultural pattern of Goa.	CO2
GEG102	<b>apply</b> knowledge to appreciate the prospects of the State and take pro-active stand to solve its problems.	CO3
GEG102	<b>compare</b> and <b>assess</b> infrastructure network of Goa with other state	CO4

## Semester III

Class: SYBA

Course: DSC--Geography of Natural Resource Development

No. of Credits: 03

Course Outcomes: At the end of the course students will able to:

Course Code	Course Outcomes	Course outcomes Bloom's Taxonomy
GEC103	<b>Identify</b> the location of resources in the world and their occurrences in places within India.	CO1
GEC103	<b>Explain</b> the evolution of world economic systems.	CO2
GEC103	<b>Apply</b> geographical knowledge in real situations.	CO3
	<b>Assess</b> development of natural resources in the world	CO4

## Semester III

Class: SYBA

Course: DSC-Practicals in cartographic techniques - I

No. of Credits: 1

Course Outcomes: At the end of the course students will able to:

Course Code	Course Outcomes	Course outcomes Bloom's Taxonomy
GEC 101. 1	<b>Examine</b> globe and map information thoroughly	CO1
GEC 101. 2	<b>Interpret</b> maps and globe	CO2
GEC 101. 3	<b>Prepare</b> map projections and relief representation	CO3
GEC 101. 4	<b>Compare</b> different types of map projections and methods of relief representations	CO4

Class: SYBA

Course: GE– FUNDAMENTALS OF DISASTER MITIGATION

No. of Credits: 4

Course Outcomes: At the end of the course students will able to:

Course Code	Course Outcomes	Course outcomes Bloom's Taxonomy
GEG 111. 1	<b>Describe</b> the foundations of hazards, disasters and associated natural/Man-made phenomena	CO2
GEG 111. 2	<b>Prepare &amp; Interpret</b> the mapping of disaster prone regions.	CO3
GEG 111. 3	<b>Explain</b> the causes & impact of Disasters	CO4

GEG 111. 4	<b>Recommend</b> methods of community involvement as an essential part of response and mitigation to Disasters	CO5
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Class:SYBA

Course: SEC-Travel and tourism operation in Geography

No of Credits: 04

Course Outcomes: At the end of the course students will able to:

Course code	Course outcomes (Cos)	Course outcomes Bloom's Taxonomy
GES107-1	<b>define</b> and describe various forms of travel and tourism.	CO1
GES107-2	<b>explain</b> characteristics of different types of tourism and impacts.	CO2
GES107-3	<b>interpret</b> local problems of tourism	CO3
GES107-4	<b>to evaluate</b> tourism policies of the state and country.	CO4

## Semester IV

Class: SYBA

Course: DSC--Geography of Secondary and Tertiary Activities

No. of Credits: 03

Course Outcomes: At the end of the course students will able to:

Course Code	Course Outcomes	Course outcomes Bloom's Taxonomy
GEC104	<b>Describe</b> the fundamental concepts of economic Geography of the World.	CO1
GEC104	<b>Explain</b> the role of transport in international trade.	CO2
GEC104	<b>Apply</b> the knowledge to solve the day-to-day socio-economic and cultural issues.	CO3
GEC104	<b>Analyse</b> the factors of location of agriculture and	CO4

	industries and assess pattern of world trade	
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## Semester IV

Class: SYBA

Course: Practicals in cartographic techniques - II

No. of Credits: 1

Course Outcomes: At the end of the course students will able to:

Course Code	Course Outcomes	Course outcomes Bloom's Taxonomy
GEC 101. 1	<b>Tabulate</b> the field data	CO1
GEC 101. 2	<b>Interpret</b> the collected information through tables and cartograms	CO2
GEC 101. 3	<b>Prepare</b> a questioner for field survey	CO3
GEC 101. 4	<b>Compare</b> different sampling techniques	CO4

Class: SYBA

Course: GE--APPLICATION OF DISASTER RISK REDUCTION & MITIGATION (WITH A MINI PROJECT)

No. of Credits: 4

Course Outcomes: At the end of the course students will able to:

Course Code	Course Outcomes	Course outcomes Bloom's Taxonomy
GEG 112	<b>Discuss</b> the fundamentals of application of disaster risk reduction (DRR)	CO2



GEG 112	<b>Relate</b> causes and impact of climate change on Agriculture & Water; Flora & Fauna and Human health	CO3
GEG 112	<b>Analyze</b> & present the disasters and preparedness plan by conducting field based Disaster management case study.	CO4
GEG 112	<b>Evaluate</b> existing global frameworks and existing agreements on climate change	CO5

Class:SYBA

Course: SEC- Applied Travel and tourism operation in Geography

No of Credits: 04

Course Outcomes: At the end of the course students will able to:

Course code	Course outcomes (Cos)	Course outcomes Bloom's Taxonomy
GES108	<b>describe</b> various tourism infrastructure.	CO-1
GES108	<b>demonstrate</b> the use of geographical tools	CO-2
GES108	<b>use and apply</b> training in tourism	CO-3
GES108	<b>evaluate</b> and summarise training in to report.	CO-4

## Semester: V

Class: TYBA

Course: DSC-Physical Geography

No of Credits: 03

Course Outcomes: At the end of the course students will able to:

Course code	Course outcomes (Cos)	Course outcomes Bloom's Taxonomy
GEC105	<b>define</b> and describe various features of the Earth	CO-1
GEC105	<b>explain</b> different earth systems	CO-2
GEC105	<b>illustrate</b> the concepts through diagrams	CO-3
GEC105	<b>analyse</b> critical concepts of physical geography	CO-4

## Semester: V

Class: TYBA

Course: DSC- Practical in Physical Geography

No of Credit: 01

Course Outcomes: At the end of the course students will able to:

Course code	Course outcomes (Cos)	Course outcomes Bloom's Taxonomy
GEC105	<b>identify</b> various features of toposheet.	CO-1
GEC105	<b>interpret</b> topographical maps	CO-2
GEC105	<b>illustrate</b> various conventional signs and natural features.	CO-3

Class: TYBA

Course: DSE: Climate change: Vulnerability and adaption

No of Credits: 04

Course Outcomes: At the end of the course students will able to:

Course code	Course outcomes (Cos)	Course outcomes Bloom's Taxonomy
GED103	<b>define and describe</b> various aspects of climate change	CO-1
GED103	<b>explain</b> different issues of climate change and mitigation process	CO-2
GED103	<b>illustrate and apply</b> the knowledge to relate with local issues.	CO-3
GED103	<b>analyse</b> critical problems.	CP-4

Class: T.Y.B.A

Course: DSE:GED102: Physical Geography of India.

No of Credits-03

Course Outcomes: At the end of the course students will able to:

Course code	Course outcomes (Cos)	Course outcomes Bloom's Taxonomy
GED102	<b>Understand</b> the Location, Extent and Geo-Political Significance of India.	CO1
GED102	<b>Explain</b> the Major Physiographic regions of India.	CO2
GED102	<b>Interpret</b> the river systems of India.	CO3
GED102	<b>Evaluate</b> the Climatic characteristics, origin of monsoons in India	CO4

Class-T.Y.B.A

Course:GED102: Thematic Mapping in Physical Geography of India.

No of Credit: 01

Course Outcomes: At the end of the course students will able to:

Course code	Course outcomes (Cos)	Course outcomes Bloom's Taxonomy
GED102-1	<b>Understand</b> the Map readings of India.	CO.1
GED102-2	<b>Explain</b> the Location of States and Union Territories of India.	CO.2
GED102-3	<b>Interpret</b> the Drainage Basins of India	CO.3
GED102-4	<b>Evaluate</b> a variety of soils, Forests and Minerals of India.	CLO4

## Semester: VI

Class: TYBA

Course: DSC-Climatology and Oceanography

No of Credits: 03

Course Outcomes: At the end of the course students will able to:

Course code	Course outcomes (Cos)	Course outcomes Bloom's Taxonomy
GEC106	<b>Define and describe</b> various weather phenomena of the atmosphere and oceans.	CO.1
GEC106	<b>Interpret</b> different climatic events like monsoon, cyclones etc.	CO.2
GEC106	<b>Illustrate and demonstrate</b> aspects of climate and oceans through diagrams	CO.3
GEC106	<b>Analyse</b> critically the occurrence of rainfall, cyclones, tides, ocean currents, coral reef.	CO4

Class: TYBA

Course: DSC- Application and Interpretation of weather Maps

No of Credit: 01

Course Outcomes: At the end of the course students will able to:

Course code	Course outcomes (Cos)	Course outcomes Bloom's Taxonomy
GEC106	<b>Identify</b> various weather instruments, weather symbols and describe their functions.	CO.1
GEC106	<b>Describe</b> weather maps and elements.	CO.2
GEC106	<b>Interpret</b> weather maps and represent weather	CO.3

	data.	
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Class: TYBA

Course: DSE-Biogeography

Credit: 03

Course Outcomes: At the end of the course students will able to:

Course code	Course outcomes (Cos)	Course outcomes Bloom's Taxonomy
GED107-1	<b>Define and describe</b> various components of biosphere.	CL.1
GED107-2	<b>Interpret</b> different mechanism of biosphere.	CL.2
GED107-3	<b>Illustrate and demonstrate</b> distribution of different zones	CL.3
GED107-4	<b>Evaluate</b> various conservation processes.	CL.4

F.Y.BCom

Semester I

Class: FYB.COM

Course: AECC--Environmental Studies I

No. of Credits: 02

Course Outcomes: At the end of the course students will able to:

Course Code:	Course Outcome (Cos)	Course outcomes Bloom's Taxonomy

ESA102.2	<b>Relate</b> theoretical knowledge to the actual field through observation e.g. Impact on natural resources.	CL 2
ESA102.3	<b>Apply</b> their knowledge to find the solution for day-to-day environmental problems.	CL 3
ESA102.4	<b>Analyze</b> the problems and evaluate the impact of environmental problems.	CL 4

## Semester II

Class: FYB.COM

Course: AECC-- Environmental studies II

No. of Credits: 02

Course Outcomes: At the end of the course students will able to:

Course Code:	Course Outcome (Cos)	Course outcomes Bloom's Taxonomy
ESA102.1	<b>Define</b> the different terms from their lessons. e.g. Global warming, droughts, water harvesting etc.	CL 1
ESA102.2	<b>-Explain and interpret</b> environmental issues with the help of Chart, graphs, Case studies.	CL2
ESA102.3	<b>Apply</b> their knowledge to find the solution for day to day environmental problems.	CL3
ESA102.4	<b>Critically analyze</b> the current social and environmental problems.	CL 4

Class: FYB.Com

Course: GE- Geography of Commercial Activities

No of Credits: 04

Course Outcomes: At the end of the course students will able to:

Course code	Course outcomes (Cos)	Course outcomes Bloom's Taxonomy
GEO-02/16	<b>Understand</b> the Locational Theories: their importance & Applications.	CL.1
GEO-02/16	<b>Describe</b> the Transport system of the World	CL2
GEO-02/16	<b>Apply</b> the GIS in Business Studies	CL.3
GEO-02/16	<b>Predict</b> the Disaster management in the state of	CL.4

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Professor and Principal