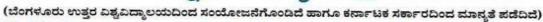
College Code: 7631

## <mark>ಎಸ್.ಈ.ವಿ.</mark> ವಿಜ್ಞಾನ ವಾಣಿಜ್ಯ ಮತ್ತು ಕಲಾ ಕಾಲೇಜು





# S.E.A COLLEGE OF SCIENCE, COMMERCE & ARTS

(Affiliated to Bengaluru North University, and Recognized by Govt. of Karnataka )
NAAC Accredited with 'B' Grade

Ektanagar, A. Krishnappa Circle Ayyappanagar, Devasandra Main Road, Virgonagar Post, K.R. Puram, Bengaluru -560 049.

Tel.: 25613741 / 42 Fax: 25613418 Mob: 9900732511 E-Mail: priseadegree@gmail.com Website: www.seadegree.ac.in

### **DEPARTMENT OF GEOLOGY**

### Program outcomes. Program Specific outcomes and course outcomes

<b>PO1:</b> This program provides basic knowledge in Geology and other science andtechnology pertaining to Geology field.
<b>PO2:</b> Ability to understand the basics and fundamentals of Geology
<b>PO3:</b> Ability to understand the internal features of earth by advanced technologies
PO4:Gains geological field knowledge
<b>PO5:</b> Train the candidate to communicate geological effective insolving technical research and development issues.
<b>PO6:</b> Ability to work effectively as an individual, and as a member or leader in diverse teams, or in multidisciplinarydomain.
<b>PO7:</b> Encourage graduates to become good human beings and responsible citizens for the overall welfare of the society.
<b>PSO1:</b> To applythe concepts of Geology in understanding, development and their applications
<b>PSO2:</b> An ability to solve complex problems in the domain of Geology, along with analytical and field Knowledge
<b>PSO3:</b> Ability to acquire social and environmental awareness with ethical responsibilities to have a successful
Career in real-world applications.

COURS	E OUTCOMES(CO)
GEO-A1: Earth System Science Fundamentals	CO1: learn the origin of the solar system and Earth
rundamentais	CO2: learn the Evolution and history of the earth
	and relate them to their field observations.
	CO3: understand the internal structure of Earth
	<b>CO4:</b> learn the Geomorphic processes; exogenetic (epigene) and endogenetic (hypogene).
	<b>CO4:</b> Landforms, & Soil – learn the fundamentals of geological mapping.
	<b>CO5:</b> learn how to read geologic maps, solve simple map problems and preparations of cross-sections.
	CO6: learn the Concept of plate tectonics, learn earthquakes and Volcanoes Credits
GEO-P1 Practical: Maps,	CO1: learn the fundamentals of geological mapping.
Sediment, Soil & Field Visit	CO2: measure the geological data from the field
56	CO3: learn how to read geologic maps
	<b>CO4:</b> interpret the geological maps CO5: learn the soil profile
	CO6: learn the major geomorphic feature
GEO A2 Basic of	CO1: learn the basics of mineralogy and
Crystallography Mineralogy and Petrology	crystallography helps in understanding and building the overall knowledge in Geology.
	CO2: exposed to the common crystals and their forms, minerals, and their basic properties especially physical and optical
	CO3: learn the most common resources viz. rocks which find tremendous applications potential especially in dimensional rock structures.
	CO4: know the common variety of rocks and minerals occurring and also their economic potential identification the minerals in hand their chemistry, and their types. CO5: learn crystals formation, form, Symmetry, normal crystal classes, and occurrence.
	CO6: learn the formation of mineral groups and resources.

GEO P2	<b>CO1:</b> see and feel the natural mineral CO2: learn to
Practical:Crystallography	identify the mineral in hand specimens
Mineralogy and Petrology	
	<b>CO3:</b> identification the minerals in hand their
	chemistry, and their types. CO4: learn crystals
	formation, form, Symmetry, normal crystal classes,
	and occurrence.
	<b>CO5:</b> learn the formation of mineral groups and
	resources.