

J.S.S. BANASHANKARI ARTS, COMMERCE AND SHANTIKUMAR GUBBI SCIENCE COLLEGE, VIDYAGIRI, DHARWAD

Affiliated to Karnatak University, Dharwad

Accredited with 'A' Grade in last three cycles



Fourth Cycle NAAC Accreditation SELF STUDY REPORT (SSR)

≡ CRITERION - I ≡

1.2.1 (Q_nM)

GEOGRAPHY (CBCS)



Submitted to
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL, BENGALURU



KARNATAK UNIVERSITY, DHARWAD
ACADEMIC (S&T) SECTION
 ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಧಾರವಾಡ
 ವಿದ್ಯಾಮಂಡಳ (ಎಸ್&ಟಿ) ವಿಭಾಗ



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NAAC Accredited
 'A' Grade 2014

website: kud.ac.in

No. KU /Aca(S&T)/ RIH-290/CBCS/2020-21/ 315

Date: 13 AUG 2020

ಅಧಿಸೂಚನೆ

- ವಿಷಯ: 2020-21ನೇ ಶೈಕ್ಷಣಿಕ ಸಾಲಿನಿಂದ ಎಲ್ಲ ಸ್ನಾತಕ ಕೋರ್ಸುಗಳಿಗೆ 1 ಮತ್ತು 2ನೇ ಸೆಮಿಸ್ಟರ್ ಸಿ.ಬಿ.ಸಿ.ಎಸ್. ಮಾದರಿಯ ಪಠ್ಯಕ್ರಮವನ್ನು ಅಳವಡಿಸಿರುವ ಕುರಿತು.
- ಉಲ್ಲೇಖ: 1. DO No. 1-1/2016(SECY), dt. 10.08.2016.
 2. Academic Council Res. No. 2, 21.05.2020.
 3. KU/Aca(S&T)/RIH-194/20-21/71, dt. 08.06.2020.
 4. KU/VCS/2020-21, dt. 11.08.2020.
 5. ಮಾನ್ಯ ಕುಲಪತಿಗಳ ಆದೇಶ ದಿನಾಂಕ 13.08.2020.

ಮೇಲ್ಕಾಣಿಸಿದ ವಿಷಯ ಹಾಗೂ ಉಲ್ಲೇಖಗಳಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ, 2020-21ನೇ ಶೈಕ್ಷಣಿಕ ಸಾಲಿನಿಂದ ಎಲ್ಲ ಸ್ನಾತಕ ಕೋರ್ಸುಗಳ 1 ಮತ್ತು 2ನೇ ಸೆಮಿಸ್ಟರ್‌ಗಳಿಗೆ ಸಿ.ಬಿ.ಸಿ.ಎಸ್. ಮಾದರಿ ಪಠ್ಯಕ್ರಮವನ್ನು ವಿದ್ಯಾವಿಷಯಕ ಪರಿಷತ್ ಸಭೆಯ ಅನುಮೋದನೆಯನ್ನು (Pending Approval of Academic Council Meeting) ನಿರೀಕ್ಷೆಯಲ್ಲಿರಿಸಿ ಅಳವಡಿಸಲಾಗಿದೆ.

ಮುಂದುವರೆದು, ಈ ಮೇಲಿನ ಸಿ.ಬಿ.ಸಿ.ಎಸ್. ಪಠ್ಯಕ್ರಮವು ಕ.ವಿ.ವಿ. ಅಂತರ್ಜಾಲ www.kud.ac.in ದಲ್ಲಿ ಬಿತ್ತರಿಸಲಾಗಿದೆ ಎಂದು ಈ ಮೂಲಕ ತಿಳಿಸಲಾಗಿದೆ.

(Handwritten signature)
 (ಡಾ. ಹನುಮಂತಪ್ಪ ಕೆ.ಟಿ)
 ಕುಲಸಚಿವರು

ಗೆ,
 ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯದ ವ್ಯಾಪ್ತಿಯಲ್ಲಿ ಬರುವ ಎಲ್ಲ ಅಧೀನ ಹಾಗೂ ಸಂಲಗ್ನ ಮಹಾವಿದ್ಯಾಲಯಗಳ ಪ್ರಾಚಾರ್ಯರುಗಳಿಗೆ.

ಪ್ರತಿ ಮಾಹಿತಿಗಾಗಿ: ಡೀನರು, ಕಲಾ, ಸಮಾಜ ವಿಜ್ಞಾನ, ವಿಜ್ಞಾನ ಹಾಗೂ ತಂತ್ರಜ್ಞಾನ, ವಾಣಿಜ್ಯ, ಕಾನೂನು, ಶಿಕ್ಷಣ ಮತ್ತು ಮ್ಯಾನೇಜ್‌ಮೆಂಟ್ ನಿಖಾಯ, ಕ.ವಿ.ವಿ. ಧಾರವಾಡ.

- ಪ್ರತಿ:
1. ಆಪ್ತ ಕಾರ್ಯದರ್ಶಿಗಳು, ಕುಲಪತಿಗಳ ಕಾರ್ಯಾಲಯ, ಕ.ವಿ.ವಿ. ಧಾರವಾಡ.
 2. ಆಪ್ತ ಕಾರ್ಯದರ್ಶಿಗಳು, ಕುಲಸಚಿವರ ಕಾರ್ಯಾಲಯ, ಕ.ವಿ.ವಿ. ಧಾರವಾಡ.
 3. ಆಪ್ತ ಕಾರ್ಯದರ್ಶಿಗಳು, ಕುಲಸಚಿವರು(ಮೌಲ್ಯಮಾಪನ) ಕಾರ್ಯಾಲಯ, ಕ.ವಿ.ವಿ. ಧಾರವಾಡ.
 4. ನಿರ್ದೇಶಕರು, ಇಂಟರ್‌ನೆಟ್ ಸೆಕ್ಷನ್, ಪರೀಕ್ಷಾ ವಿಭಾಗ, ಕವಿವಿ, ಧಾರವಾಡ.
 5. ಅಧೀಕ್ಷಕರು, ಸಿಡಿಪಿ (ಸಂಯೋಜನೆ) ವಿಭಾಗ, ಕವಿವಿ, ಧಾರವಾಡ

B. Sc. Semester – I
Discipline Specific Course (DSC) under CBCS
GY- T A: PHYSICAL GEOGRAPHY

Credits: I. Theory : 04 Theory class 4hrs /wk. Total theory: 60 Lectures
80 marks for Sem end Examination (3 hrs) & 20 marks IA
II. Practical : 02 Practical: 4 hrs./wk. Total Practical: 52 hrs.
40 marks for Sem end Examination (3 hrs) & 10 marks IA
Total Credits : 06 Total Theory marks 100 and Practical marks 50

| Unit | Title | Sub-unit | Hrs |
|------|------------------------------------|--|-----|
| 1 | Introduction to Physical Geography | Meaning, Field and Scope | 04 |
| II | Origin of the earth | Nebular and Tidal Theory | 04 |
| III | Lithosphere | Interior of the earth. | 20 |
| | | Continental drift theory of Wegener and Plate tectonic theory. | |
| | | Formations and types of Volcanoes, Earthquakes and Rocks. | |
| | | Geomorphic Agents and Process of Denudations: River, Glacier Underground water and Winds. | |
| IV | Atmosphere | Composition and Structure. | 20 |
| | | Insolation: Factors affecting the distribution of atmospheric temperature. Vertical and Horizontal distribution of atmospheric temperature | |
| | | Atmospheric Pressure: Factors affecting the atmospheric Pressure. Vertical and horizontal distribution of pressure and World Pressure belts. | |
| | | Wind System: Planetary, Seasonal, Local and Variable Winds (cyclones and anticyclones). | |
| | | Precipitation: Humidity and Types of Rainfall. | |
| V | Hydrosphere | The Relief of the Oceans: Continental Shelf, Continental Slope, Deep Sea Plain and Troughs. | 12 |
| | | Tides and ocean currents: Indian, Pacific and Atlantic | |
| | | Salinity and temperature of Oceans: Atlantic, Pacific and Indian. | |

References:

1. Conserva H.T (2004): Illustrated Dictionary of Physical Geography, Author House,
2. Gabler R.E , Peterson J.F and Trapasso L.M (2007): Essentials of Physical Geography (8th edition) Thompson Books / Cole USA.
3. Garrett N (2000) Advanced Geography, Oxford University Press.
4. Goudie A (1984): The Nature of Environment: An advanced Physical Geography, Basil Husain M (2002): Fundamentals of Physical Geography, Rawat Publications, Jaipur.
5. Monkhouse F.J(2009): Principles of Physical Geography, Platinim Publishers,
6. Strahler A N and Strahler A H (2008): Physical Geography, John Wiley & Sons New
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B.Sc. Semester – I
Discipline Specific Course (DSC) under CBCS
GY-Pr A: SCALES AND MAPS

| Unit | Title | Sub-unit | Hrs |
|------|-----------------|---|-----------|
| I | Scales and Maps | Scales and Maps as a tools in Geography | 04 |
| II | Scales | Introduction: Definition, Types, Methods of Representation and uses of scales. | 28 |
| | | Conversion of scales: Representative Fraction (RF) to Verbal scale and Verbal scale to Representative Fraction (RF). | |
| | | Construction of scales: Graphical (Plain), Comparative, Pace, Time and Diagonal. | |
| III | Maps | Introduction: Definition, Types and Importance of Maps. | 20 |
| | | Enlargement and Reduction of Maps by Graphical method (02 exercise each). | |

References:

1. Gopal Singh: Map work and Practical Geography, 3rd ed. Vikas Publishing Houde, New Delhi.
2. Gupta K and Tyagi V.C : Working with Maps, Survey of India, Dept. of Sci. and Technology, Govt. of India, Dehra Dun 1992.
3. John and Keats: Cartographic design and production, 2nd ed. 1989, John wiley, New York.
4. Mishra R.P: Fundamentals of Cartography,1969,Prasaranga, University of Mysore.
5. Monkhouse F.J and : Maps and Diagrams, Wilkinson H.RMathuen and Co. Ltd. London, 1952
6. Phyllis Dink: Map work, 10th ed. Atma Ram and Sons, Delhi 1969.
7. Raisz E: Genera;l Geography, 1948, Tata, Mc-Grow-Hill New York.
8. Ranganath : An introduction to practical Geography, Vidyanidhi Publication, Gadag.
9. Singh R.L: Elements of Practical Geography, Kalyani Publishers, New Delhi.
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B.Sc. Semester – II
Discipline Specific Course (DSC) under CBCS
GY-T B: Human Geography

| Unit | Title | Sub-unit | Hrs |
|------|---|--|-----|
| I | Introduction to Human Geography | Introduction: Definition, Field and Scope of Human Geography. Branches of Human geography | 08 |
| II | Conceptual approaches of Man-Environmental Relationship | Environmental determinism, Possibilism and Neo-determinism | 02 |
| III | Social and Cultural Geography | Major races of the world: Classification and distribution of Caucasoid, Mongoloid, Negroid and Australoid. Culture and Religion of the World. | 23 |
| | | Settlements: Types and Patterns of Rural settlements. Definition of urban places. The origin of towns and functional classification of towns. | |
| | | Urbanization: Trends and Patterns of World Urbanizations | |
| IV | Tribes: Habitat and Economy | Major tribes of the world (Primitive people): Pygmies, Bushman, Eskimos, Semang and sakais. | 19 |
| | | Major Indian Tribes: Todas, Bills, Gondas, Nagas and Santals. | |
| V | Population Geography | Growth and distribution of world population. | 08 |
| | | Population composition: Sex-ratio and Literacy rate. | |

References:

- Dickens and Pitts: Introduction to Human Geography, 1963.
- Harm D. Blij: Human and Economic Geography, Mac Millan, New York, 1992.
- Husain M: Human Geography, Rawat Publications, Jaipur, 2003.
- Nellson, Gabler & Vining Human: Human Geography, People, Culture and Land
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- Norris and Haring: Political Geography, Charles E. Merrill Publishing Company.
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B.Sc. Semester – II
Discipline Specific Course (DSC) under CBCS
GY-Pr B: Interpretations of Indian Daily Weather Reports

| Unit | Title | Sub-unit | Hrs |
|------|--|--|-----|
| I | Construction of Graphs | Single and double Line graph. | 12 |
| | | Single and double Bar graph. | |
| | | Climograph. | |
| | | Hyther Graph. | |
| | | Ergo Graph. | |
| II | Diagrams and Thematic Maps | Pie, Traffic-flow, Spheres and Wind-Rose | 12 |
| | | Choropleth and Dot Maps | |
| III | Weather Instruments and IMD Weather Maps | Thermometer – Wet Bulb and Dry Thermometer. | 12 |
| | | Barometer –Aneroid Barometer. | |
| | | Rain gauge and Cup Anemometer | |
| | | Weather Signs and Symbols | 04 |
| | | Interpretation of Indian Daily Weather Report – 4 exercises (One exercise from each season). | 12 |

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B. A. Semester – I
Discipline Specific Course (DSC) under CBCS
GY- T A: PHYSICAL GEOGRAPHY

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II. Practical : 02 Practical: 4 hrs./wk. Total Practical: 52 hrs.
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B.Sc. Semester – II
Discipline Specific Course (DSC) under CBCS
GY-T B: Human Geography

| Unit | Title | Sub-unit | Hrs |
|------|---|--|-----|
| I | Introduction to Human Geography | Introduction: Definition, Field and Scope of Human Geography. Branches of Human geography | 08 |
| II | Conceptual approaches of Man-Environmental Relationship | Environmental determinism, Possibilism and Neo-determinism | 02 |
| III | Social and Cultural Geography | Major races of the world: Classification and distribution of Caucasoid, Mongoloid, Negroid and Australoid. Culture and Religion of the World. | 23 |
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B.Sc. Semester – II
Discipline Specific Course (DSC) under CBCS
GY-Pr B: Interpretations of Indian Daily Weather Reports

| Unit | Title | Sub-unit | Hrs |
|------|--|--|-----|
| I | Construction of Graphs | Single and double Line graph. | 12 |
| | | Single and double Bar graph. | |
| | | Climograph. | |
| | | Hyther Graph. | |
| | | Ergo Graph. | |
| II | Diagrams and Thematic Maps | Pie, Traffic-flow, Spheres and Wind-Rose | 12 |
| | | Choropleth and Dot Maps | |
| III | Weather Instruments and IMD Weather Maps | Thermometer – Wet Bulb and Dry Thermometer. | 12 |
| | | Barometer –Aneroid Barometer. | |
| | | Rain gauge and Cup Anemometer | |
| | | Weather Signs and Symbols | 04 |
| | | Interpretation of Indian Daily Weather Report – 4 exercises (One exercise from each season). | 12 |

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12. qÁ. J_ü.J_ü.ÉÁdtÆPüjÁ & qÁ. JA. J¥i. PüftPüjÁ ¥ÁÁiÆÁVPÀ ``ÆUÆÁ¼Á_ü