

**B.Sc. GEOGRAPHY****CHOICE BASED CREDIT SYSTEM –****LEARNING OUTCOMES BASED CURRICULUM FRAMEWORK (CBCS - LOCF)**

(Applicable to the candidates admitted from the academic year 2022-23 onwards)

**(For the 2024-2025 batch, the Naan Mudhalvan scheme has been implemented in the 2nd semester)**

| Sem. | Part         | Course                                                 | Title                                      | Ins. Hrs  | Credit    | Exam Hours | Marks |      | Total      |
|------|--------------|--------------------------------------------------------|--------------------------------------------|-----------|-----------|------------|-------|------|------------|
|      |              |                                                        |                                            |           |           |            | Int.  | Ext. |            |
| I    | I            | Language Course – I<br>Tamil \$ / Other Languages + #  |                                            | 6         | 3         | 3          | 25    | 75   | 100        |
|      | II           | English Course - I                                     |                                            | 6         | 3         | 3          | 25    | 75   | 100        |
|      | III          | Core Course – I (CC)                                   | Earth System Science                       | 5         | 5         | 3          | 25    | 75   | 100        |
|      |              | Core Practical – I (CP)                                | Map Scales & Relief Feature Representation | 4         | 4         | 3          | 40    | 60   | 100        |
|      |              | First Allied Course – I (AC)                           |                                            | 4         | 4         | 3          | 25    | 75   | 100        |
|      |              | First Allied Practical (AP)                            |                                            | 3         | -         | -          | -     | -    | -          |
|      | IV           | Value Education                                        |                                            | 2         | 2         | 3          | 25    | 75   | 100        |
|      | <b>TOTAL</b> |                                                        |                                            | <b>30</b> | <b>21</b> | -          | -     | -    | <b>600</b> |
| II   | I            | Language Course - II<br>Tamil \$ / Other Languages + # |                                            | 6         | 3         | 3          | 25    | 75   | 100        |
|      | II           | English Course - II                                    |                                            | 4         | 3         | 3          | 25    | 75   | 100        |
|      | III          | Core Course – II (CC)                                  | Geomorphology                              | 5         | 5         | 3          | 25    | 75   | 100        |
|      |              | Core Practical - II(CP)                                | Techniques of Terrain Analysis & Mapping   | 4         | 4         | 3          | 40    | 60   | 100        |
|      |              | First Allied Practical (AP)                            |                                            | 3         | 2         | 3          | 40    | 60   | 100        |
|      |              | First Allied Course – II (AC)                          |                                            | 4         | 4         | 3          | 25    | 75   | 100        |
|      |              | Add on Course – I ##                                   | Professional English – I                   | 6*        | 4         | 3          | 25    | 75   | 100        |
|      | IV           | Environmental Studies                                  |                                            | 2         | 2         | 3          | 25    | 75   | 100        |
|      | VI           | Naan Mudhalvan Scheme (NMS) @@                         | Overview of English Language Communication | 2         | 2         | 3          | 25    | 75   | 100        |
|      | <b>TOTAL</b> |                                                        |                                            | <b>30</b> | <b>29</b> | -          | -     | -    | <b>900</b> |

|     |              |                                                                                                                                                                                                                                                                                                                                                                                                           |                                                            |           |           |          |          |          |            |
|-----|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-----------|-----------|----------|----------|----------|------------|
| III | I            | Language Course – III<br>Tamil \$ / Other Languages + #                                                                                                                                                                                                                                                                                                                                                   |                                                            | 6         | 3         | 3        | 25       | 75       | 100        |
|     | II           | English Course - III                                                                                                                                                                                                                                                                                                                                                                                      |                                                            | 6         | 3         | 3        | 25       | 75       | 100        |
|     | III          | Core Course – III (CC)                                                                                                                                                                                                                                                                                                                                                                                    | Climatology and Oceanography                               | 5         | 5         | 3        | 25       | 75       | 100        |
|     |              | Core Practical - III (CP)                                                                                                                                                                                                                                                                                                                                                                                 | Representation of Climatic<br>Diagrams                     | 4         | 4         | 3        | 40       | 60       | 100        |
|     |              | Second Allied Course – I (AC)                                                                                                                                                                                                                                                                                                                                                                             |                                                            | 4         | 4         | 3        | 25       | 75       | 100        |
|     |              | Second Allied Practical (AP)                                                                                                                                                                                                                                                                                                                                                                              |                                                            | 3         | -         | -        | -        | -        | -          |
|     |              | Add on Course – II ##                                                                                                                                                                                                                                                                                                                                                                                     | Professional English - II                                  | 6*        | 4         | 3        | 25       | 75       | 100        |
|     | IV           | Non-Major Elective I @ - Those<br>who choose Tamil in Part I can<br>choose a non-major elective<br>course offered by other<br>departments.<br>Those who do not choose Tamil<br>in Part I must choose either<br>a) Basic Tamil if Tamil<br>language was not studied in<br>school level <b>or</b><br>b) Special Tamil if Tamil<br>language was studied upto<br>10 <sup>th</sup> & 12 <sup>th</sup> std.     | Disaster Studies                                           | 2         | 2         | 3        | 25       | 75       | 100        |
|     | <b>TOTAL</b> |                                                                                                                                                                                                                                                                                                                                                                                                           |                                                            | <b>30</b> | <b>25</b> | <b>-</b> | <b>-</b> | <b>-</b> | <b>700</b> |
|     |              |                                                                                                                                                                                                                                                                                                                                                                                                           |                                                            |           |           |          |          |          |            |
| IV  | I            | Language Course –IV<br>Tamil \$ / Other Languages + #                                                                                                                                                                                                                                                                                                                                                     |                                                            | 6         | 3         | 3        | 25       | 75       | 100        |
|     | II           | English Course – IV                                                                                                                                                                                                                                                                                                                                                                                       |                                                            | 6         | 3         | 3        | 25       | 75       | 100        |
|     | III          | Core Course - IV (CC)                                                                                                                                                                                                                                                                                                                                                                                     | Cartography                                                | 5         | 5         | 3        | 25       | 75       | 100        |
|     |              | Core Practical - IV (CP)                                                                                                                                                                                                                                                                                                                                                                                  | Mapping, Analysis of<br>Qualitative & Quantitative<br>Data | 4         | 4         | 3        | 40       | 60       | 100        |
|     |              | Second Allied Practical - (AP)                                                                                                                                                                                                                                                                                                                                                                            |                                                            | 3         | 2         | 3        | 40       | 60       | 100        |
|     |              | Second Allied Course – II (AC)                                                                                                                                                                                                                                                                                                                                                                            |                                                            | 4         | 4         | 3        | 25       | 75       | 100        |
|     | IV           | Non-Major Elective II @ -<br>Those who choose Tamil in Part<br>I can choose a non-major<br>elective course offered by other<br>departments.<br>Those who do not choose<br>Tamil in Part I must choose<br>either<br>a) Basic Tamil if Tamil<br>language was not studied in<br>school level <b>or</b><br>b) Special Tamil if Tamil<br>language was studied upto 10 <sup>th</sup><br>& 12 <sup>th</sup> std. | Geography of Tamil Nadu                                    | 2         | 2         | 3        | 25       | 75       | 100        |
|     | <b>TOTAL</b> |                                                                                                                                                                                                                                                                                                                                                                                                           |                                                            | <b>30</b> | <b>23</b> | <b>-</b> | <b>-</b> | <b>-</b> | <b>700</b> |
|     |              |                                                                                                                                                                                                                                                                                                                                                                                                           |                                                            |           |           |          |          |          |            |
|     |              |                                                                                                                                                                                                                                                                                                                                                                                                           |                                                            |           |           |          |          |          |            |

|    |                    |                                     |                                                    |            |            |   |    |    |             |
|----|--------------------|-------------------------------------|----------------------------------------------------|------------|------------|---|----|----|-------------|
| V  | III                | Core Course - V (CC)                | Human Geography                                    | 5          | 5          | 3 | 25 | 75 | 100         |
|    |                    | Core Course – VI (CC)               | Bio Geography                                      | 5          | 5          | 3 | 25 | 75 | 100         |
|    |                    | Core Course – VII (CC)              | Geography of India                                 | 5          | 5          | 3 | 25 | 75 | 100         |
|    |                    | Core Practical -V (CP)              | Topographical Map Analysis                         | 4          | 4          | 3 | 40 | 60 | 100         |
|    |                    | Major Based Elective – I (Any one)  | 1. Population Geography<br>2. Health and wellbeing | 5          | 4          | 3 | 25 | 75 | 100         |
|    | IV                 | Skill Based Elective I              | Disaster Studies                                   | 4          | 2          | 3 | 25 | 75 | 100         |
|    |                    | Soft Skills Development             |                                                    | 2          | 2          | 3 | 25 | 75 | 100         |
|    | <b>TOTAL</b>       |                                     |                                                    | <b>30</b>  | <b>27</b>  | - | -  | -  | <b>700</b>  |
| VI | III                | Core Course - VIII (CC)             | Settlement Geography                               | 6          | 5          | 3 | 25 | 75 | 100         |
|    |                    | Core Course - IX (CC)               | World Regional Geography                           | 6          | 5          | 3 | 25 | 75 | 100         |
|    |                    | Core Practical – VI (CP)            | Map Projection and Surveying                       | 4          | 4          | 3 | 40 | 60 | 100         |
|    |                    | Major Based Elective – II (Any one) | 1. Regional Planning<br>2. Political Geography     | 5          | 4          | 3 | 25 | 75 | 100         |
|    |                    | Project                             |                                                    | 4          | 3          | - | 20 | 80 | 100         |
|    | IV                 | Skill Based Elective – II           | Geography of Tourism                               | 4          | 2          | 3 | 25 | 75 | 100         |
|    | V                  | Gender Studies                      |                                                    | 1          | 1          | 3 | 25 | 75 | 100         |
|    |                    | Extension Activities **             |                                                    | -          | 1          | - | -  | -  | -           |
|    | <b>TOTAL</b>       |                                     |                                                    | <b>30</b>  | <b>25</b>  | - | -  | -  | <b>700</b>  |
|    | <b>GRAND TOTAL</b> |                                     |                                                    | <b>180</b> | <b>150</b> | - | -  | -  | <b>4300</b> |

### List of Allied Courses

First Allied Course

Second Allied Course

#### Statistics

#### Geology / Geoinformatics

\$ For those who studied Tamil upto 10<sup>th</sup> +2 (Regular Stream).

+ Syllabus for other Languages should be on par with Tamil at degree level.

# Those who studied Tamil upto 10<sup>th</sup> +2 but opt for other languages in degree level under Part- I should study special Tamil in Part – IV.

## The Professional English – Four Streams Course is offered in the 2<sup>nd</sup> and 3<sup>rd</sup> Semester (only for 2022-2023 Batch) in all UG Courses. It will be taught apart from the Existing hours of teaching / additional hours of teaching (1 hour /day) as a 4 credit paper as an add on course on par with Major Paper and completion of the paper is must to continue his / her studies further. (As per G.O. No. 76, Higher Education (K2) Department dated: 18.07.2020).

\* The Extra 6 hrs / cycle as per the G.O. 76/2020 will be utilized for the Add on Professional English Course.

@ NCC Course is one of the Choices in Non-Major Elective Course. Only the NCC cadets are eligible to choose this course. However, NCC Course is not a Compulsory Course for the NCC Cadets.

\*\* Extension Activities shall be outside instruction hours.

@@ Naan Mudhalvan Scheme.

## SUMMARY OF CURRICULUM STRUCTURE OF UG PROGRAMMES

| Sl. No.      | Part | Types of the Courses                   | No. of Courses | No. of Credits | Marks       |
|--------------|------|----------------------------------------|----------------|----------------|-------------|
| 1.           | I    | Language Courses                       | 4              | 12             | 400         |
| 2.           | II   | English Courses                        | 4              | 12             | 400         |
| 3.           | III  | Core Courses                           | 8              | 40             | 800         |
| 4.           |      | Core Practical                         | 7              | 29             | 700         |
| 5.           |      | Allied Courses I & II                  | 4              | 16             | 400         |
| 6.           |      | Allied Practical                       | 2              | 4              | 200         |
| 7.           |      | Major Based Elective Courses           | 2              | 8              | 200         |
| 8.           |      | Add on Courses                         | 2              | 8              | 200         |
| 9.           |      | Project                                | 1              | 3              | 100         |
| 10.          | IV   | Non-Major Elective Courses (Practical) | 2              | 4              | 200         |
| 11.          |      | Skill Based Elective Courses           | 2              | 4              | 200         |
| 12.          |      | Soft Skills Development                | 1              | 2              | 100         |
| 13.          |      | Value Education                        | 1              | 2              | 100         |
| 14.          |      | Environmental Studies                  | 1              | 2              | 100         |
| 15.          | V    | Gender Studies                         | 1              | 1              | 100         |
| 16.          |      | Extension Activities                   | 1              | 1              | 0           |
| 17.          | VI   | Naan Mudhalvan Scheme                  | 1              | 2              | 100         |
| <b>Total</b> |      |                                        | <b>44</b>      | <b>150</b>     | <b>4300</b> |

### PROGRAMME OBJECTIVE:

1. The B.Sc., Geography program provides a basic over view of physical and cultural geography.
2. The program makes familiar about the geographic terminologies
3. The program upscale the knowledge of India and world regional information
4. The program B.Sc., Geography focused to handle maps published by government of India.
5. The program B.Sc., Geography emphasised with modern techniques like geoinformatics.

### PROGRAMME OUTCOMES:

1. The B.Sc., Geography program inculcate the concepts of physical geography and geomorphology.
2. The program makes familiar geography of India
3. The program provides a comprehensive understanding of geography of Tamil Nadu
4. The program B.Sc., Geography make familiar to appreciate and interpret the maps published by Survey of India at different scales.
5. The program B.Sc. Geography give confidence to the students to handle remote sensing data.
6. Geoinformatics practical courses provided to enhance the employability of the students.

\*\*\*\*\*