

**PROGRAMME OUTCOME (PO),
PROGRAMME SPECIFIC OUTCOME (PSO),
And
COURSE OUTCOME (CO)**



BIRJHORA KANYA MAHAVIDYALAYA

P.O. & Dist. – Bongaigaon (Assam),

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Accredited by NAAC with B++ Grade

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Programme Outcome:

Being an affiliated college under Gauhati University, the college adheres to the framework of the university while progressing with the curriculum of the undergraduate courses. After completion of the BA programme, the students are expected to inculcate the following qualities which will help them in achieving the desired goal in their future life.

- Students will acquire knowledge in the field of Literature, humanities and social sciences which will help them in developing a critical temper, realizing human values and a sense of socialization.
- Acquainted with the educational principles, social, economic, historical, political ideologies and philosophical tradition and thinking.
- Develop an understanding of psychological aspects of human being.
- Employ critical thinking and develop efficiency in problem solving abilities.
- Develop various communication skills which will help them in expressing their views clearly and effectively.
- Emerge as multifaceted personality who is self-dependent, self-sufficient and creating opportunities for others.
- Develop themselves as a responsible citizen.

Programme Outcome (PO) and Course Outcome (CO):

Programme outcome (PO) represents the knowledge, skills and attitudes the students should have at the end of completion of their respective course. Course Outcomes (CO) is the desired level of understanding, conceptual ideas and ability acquired by the students at the end of the course. Both the programme outcomes and Course outcomes constitute an integral part of the curriculum. Being an affiliated college under Gauhati University the college adheres to the framework of the university while progressing with the curriculum of the undergraduate courses by it. The Teacher and Students of the institution are well aware of the Programme outcomes and Course outcomes of different programme offered by it. The programme outcome and course outcomes are briefed to the students at the Induction programme in the beginning of the academic session. The admission committee also help's the students to choose the right programme/courses by explaining them the Programme outcomes Course outcomes. Further students are also brief about Programme outcomes Course outcomes of the programmes in which they have enrolled by the faculty by members of each department at the beginning of the session. The Programme outcomes Course outcomes are also available in the college website.



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Department of Assamese

Course Outcome

Four Year Under Graduate Programme

| Year | Semester | Course Title | Course Code | Course Outcome |
|----------------------|---|---|-------------|---|
| 1 st Year | 1 st Semester (Major/Minor) | Axomiya Bhasha Aru Sahityor Itihash (Upto Year 1826) | ASS0100104 | After going through this course students will be able to <ul style="list-style-type: none">• Get acquainted with the history of Assamese language and literature• Know about the origin and development of Assamese language and literature from the beginning up to 1826 |
| | 2 nd Semester (Major/Minor) | Axomiya Bhasha Aru Sahityor Itihash (from Year 1826 to Year 2000) | ASS0200104 | After going through this course students will be able to <ul style="list-style-type: none">• Have a knowledge of the literary ages and also get acquainted with the selected works of each age• Gget knowledge of the linguistic and literary context and characteristics of each age along with an idea of old and medieval Assamese literature like songs, poetry and drama. |

Choice Based Credit System (CBCS)

Honours Course/Core Course

The syllables of B.A. in Assamese is prepared to provide students in depth ideas of various issues related to Assamese language, literature and culture. The course also provides some basic ideas about the concept of linguistics, comparative Indian literature and world literature. Gender issues are not directly included in the course, but some text are selected which can be analyzed from feminist perspective. The whole course basically involve with crest consciousness about sustainability and development of Assamese Language literature and culture. The course wise curriculums are as follows :

| Year | Semester | Course Title | Course Code | Course Outcome |
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| 1 st Year | 1 st Semester | History of Assamese Literature (Charyapad-Sankari Era) | ASM – HC - 1016 | <ol style="list-style-type: none"> 1. To know about the history of Assamese Literature. 2. To know about the classification of Assamese Literature era and comment of different researcher's. 3. Trace the characteristics of pre Sankari era and Sanken eras Literature. |
| | 1 st Semester Honours Course | History of Assamese Literature (post Sankari Eral - Arunodoy Era) | ASM – HC - 1026 | <ol style="list-style-type: none"> 1. Trace the development of post Sankari Era's literature and its background. 2. Trace the development of post Pre- Arunodoy Era's literature and its background. 3. Trace the Arunodoy Era's literature and its book ground. |
| | 1 st Semester Core course | History of Assamese Language (From the beginning to 18 th century) | ASM – RC - 1016 | <ol style="list-style-type: none"> 1. To know about the trend of Assamese Language. 2. To know original and development of Assamese Language. |
| | | Communicative Assamese | ASM – AECC – 1014 | <ol style="list-style-type: none"> 1. Trace The theoretical and applied knowledge of talking and writing skill 2. To know about the way of talking and writing skill. |
| 1 st Year | 2 nd Semester Honours Course | An Introduction to Linguistic | ASM- HC - 2016 | <ol style="list-style-type: none"> 1. To know about of Assamese basis of different branches of Language analysis shape and ways. 2. Trace the history about Language study. 3. To know about the development of Linguistics and Assamese language. |
| 1 st Year | 2 nd Semester Honours Course | Literary criticism | ASM – HC – 2026 | <ol style="list-style-type: none"> 1. Trace the Western Literary Theory and new ways. 2. Trace the Indian Literature by Theory and its views and ways. 3. To know about Indian ancient Literature. |
| | 2 nd Semester Core Course | History of Assamese Literature (From the | ASM – RC - 2016 | <ol style="list-style-type: none"> 1. To know about the pre-Sankari era's background and |

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| | | beginning to 18 th century) | | <p>the authors literature.</p> <p>2. To know about the Sankari era's background the authors Literature.</p> <p>3. To know about the post-Sankari era's background and the authors Literature.</p> |
| | 2 nd Semester Core Course | History of Assamese Literature (From beginning to 18 th century) | ASM – HG – 2016 | <p>1. To know about the pre – Sankari's eras background and the authors Literature.</p> <p>2. To know about the Sankari eras background the authors Literature.</p> <p>3. To know about the post Sankari eras back ground and the authors Literature.</p> |
| 2nd Year | 3 rd Semester Honours Course | Assamese Literature: Introduction | ASM – HC - 3016 | <p>1. The students will learn about modern Assamese poems and its subjects.</p> <p>2. The students will know about the modern Assamese literature and the Contributions of the various authors.</p> |
| | 3 rd Semester Honours Course | Trend of Assamese poetry | ASM – HC - 3026 | <p>1. Introduce evolution of Assamese poetry.</p> <p>2. Read and interpret selected Assamese poem.</p> |
| | 3 rd Semester Honours Course | Culture of Assam | ASM – HC - 3036 | Provides the concept of the scope for build up cultural tourism on the basis culture atmosphere and resources of Assam. |
| | 3 rd Semester SEC | Applicable Assamese | ASM – SE – 3014 | <p>1. Students can do Assamese typing proof reading and also can start carrier as creative writer.</p> <p>2. The course will develop the speech delivering capacity social adaptability and acceptability of a student's through speech.</p> |
| 2 nd Year | 3 rd Semester CC | Ancient Assamese Literature | ASM – CC – 3016 | With the help of this paper, the students will be able to gain the knowledge of the literatures of the medieval period of Assam. |
| | 4 th Semester Honours Course | Comparative Indian Literature | ASM – HC – 4016 | 1. Introduction, definition and the Back drop of comparative |

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| | | | | <p>Literature.</p> <p>2. The paper carries special readings of novels and short stories of various Indian Languages like Hindi, Bengali, Oriya etc writings of renewed writers like Sarat Chandra Chatterjee, Munshi Prem Chand are included in this paper.</p> |
| | 4 th Semester Honours Course | Aryan and Non Aryan Languages | ASM – HC - 4026 | <p>1. Origin and the evolution of the Assamese Language and its relation with Sanskrit, prakrit, Bengali and pali Language.</p> <p>2. Influence of Non-Aryan Languages like Bodo, Ahom, Rabha, Tai on Assamese Language</p> <p>3. The relation between the Assamese Language and The Indian Aryan Language.</p> |
| 2 nd Year | 4 th Semester Honours Course | Prose Literature of Assamese (From the beginning to 1815 century) | ASM – HC – 4036 | <p>This papers will help the students to learn –</p> <p>1. History, characteristics and trend of Assamese from Sankardeva era to 18th century.</p> <p>2. Evolution and development of Assamese prose. (Through the special readings of some prominent prose).</p> |
| | 4 th Semester Generic/Regular | Modern Assamese Literature | ASM – CC – 4016 | <p>With the help of this paper the students will be able to gain the knowledge of the literatures of the modern era of Assam.</p> |
| | 4 th Semester SEC | Creative Literature | ASM – SE – 4014 | <p>The papers contains practical knowledge of spoken and writing skills of Assamese and short Story.</p> |
| 3 rd Year | 5 th Semester Honours Course | Assamese Drama and its performing Style (From The beginning to 18 th century) | ASM – HC – 5016 | <p>1. A brief history of Assamese drama.</p> <p>2. Ankiya Nat of Sankardeva like Rukmini Haran.</p> <p>3. Assamese Drama and its performing style of pre and post independent time.</p> |
| | 5 th Semester | Assamese Grammar | ASM – HC - | <p>1. About the history of</p> |

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| | Honours Course | | 5026 | <p>Assamese Grammar and its classification and elements.</p> <p>2. Phonology of Assamese.</p> <p>3. Analysis of Assamese segmental phoneme like vowel and consonant and Supra-segmental phoneme like Accent, Tone, Juncture, Nasalization etc.</p> <p>4. About the Syntax of Assamese language.</p> <p>5. Classification of Assamese Sentence and analysis of the Structure of Assamese sentence.</p> |
| | 5 th Semester Discipline specific Elective | Assamese Romantic poetry | ASM – HE – 5026 | After going through this paper, students will be able to know the evolution of the Assamese Romantic poetry through the study of some Romantic Assamese poems of some renowned poems like Lakshminath Bezbaruah, Raghunath Choudhury etc. |
| | 5 th Semester | Sankardeva | ASM – HE – 5036 | This paper will help the Students do learn about the Literary works of Sankardeva Like Bargeet, Ankiya Nat, Parijat Haran. He was a religious reformer and literature of medieval period of Assam. |
| | 5 th Semester | Sankardeva | ASM – RG – 5016 | This paper will help the Students do learn about like Literary works of Sankardeva Like Bergeet, Ankiya Nat, Parijat Haran. He was a religious reformer and Literature of medieval period of Assam. |
| | 5 th Semester | Art of Recitation | ASM – SE – 5014 | This paper will help the students to learn about the theoretical and practical knowledge of poetry recitation. |
| | 6 th Semester | Assamese Short stories and Novels | ASM – HC – 6016 | After going through this paper the students will be able to learn about the evolution and the trend of Assamese short stories and Novel. Inclusion of some prominent Assamese short stories |

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| | | | | and novels like Neena, Dantal Hatir Uye Khowa Haoda will help the students to gain in depth knowledge in this sphere. |
| | 6 th Semester | History of Assamese Script | ASM – HC - 6026 | 1. The history of Assamese script. 2. Introduction study of various rock inscription and copper inscription from 5 th century. |
| | 6 th Semester Discipline Specific Elective (DSE) | Lakshminath Bezbaruah | ASM – HE – 6016 | This special paper on Lakshminath Bezbaruah will help the students to gain knowledge about his Vast Literary contribution towards the Assamese Language and Literature. |
| | 6 th Semester | Dissertation paper | ASM – HE – 6056 | Each student has to prepare a dissertation under the guidance of faculties of the department. The Students will conduct fields based study on various socio-cultural areas and each student has to submit one dissertation at the end of the semester. |
| | 6 th Semester | Rhythms and Ornaments | ASM – RG – 6016 | After going through this paper, the students will be able to know the rhythms and ornament used in Assamese literature. |
| | 6 th Semester | Composition of words from letters in Assamese | ASM – SE – 6014 | 1. Analysis of Assamese segmental phoneme Like Vowel and Consonant and supra segmental phoneme. 2. Classification of Assamese morphology. 3. To introduce system and applied Transliteration. |

Department of Assamese

Course and Programme Outcome Major Course and General Course

Students will get a very sound knowledge on Assamese Literature, language and culture. They will be well introduced with the north eastern states from its Linguistics and cultural point of view. They will get a clear knowledge on development of writing and speaking languages. The Study of Literature as well as language is the study of our intellectual

history and civilization. It will develop the aesthetic senses and socialistic approaches of the students. In addition to these, the students will be able to develop their concept on some noble field viz. grammar, philosophy, history, anthropology etc. Students will be able to know not only about the Indian Literature but also the world literature. They will be well introduced with the varied from to literature. e.g. short story, novel, song, poetry etc. By the Skill enhancement course, the students will be able to start their profession as proof reader of creative writer or script writer. Through project work they will learn to do work in group and they have scope for their innovation.

| Year | Semester | Course Title | Course Code | Course Outcome |
|----------------------|---------------------------------------|---|--------------------------|--|
| 1 st Year | 1 st Semester Major Course | History of Assamese Literature and Script | ASM – M – 104 | <ol style="list-style-type: none"> 1. The students will know about the modern Assamese language and Literature and the contributions of the various. 2. The contributions of the missonaries in Assamese literature can be learn from this course. 3. The students will know the origin of Assamese script and its evolution. 4. The students will know about the manuscript written in leaves, inscriptions etc. 5. They will know about the preservation of manuscript and about the process how these materials for manuscript were collected. |
| | 1 st Semester Major Course | Ancient Assamese poetry | ASM – M- 105 | <ol style="list-style-type: none"> 1. Introduce of Ancient Assamese poetry. 2. Learn characteristics and diversity of Assamese poetry. |
| | 1 st Semester MIL Assamese | Assamese Poetry | MIL (Assamese) – E – 103 | <ol style="list-style-type: none"> 1. An idea on romantic poems its characteristics and about the authors of these poem’s, could be formed. 2. The students will know about the modern poems it’s characteristics and about subject matter of these poems. |
| | 2 nd Semester Major Course | History of Assamese Literature (From post Sankari to Aawahan Era) | ASM – M – 204 | <ol style="list-style-type: none"> 1. Introduce significance of period deviation in the history of Literature. 2. Introduce various periods of the history of Assamese literature. 3. Provides basic characteristics of every periods literature. |
| | 2 nd Semester Major Course | Modern Assamese Poetry | ASM – M – 205 | <ol style="list-style-type: none"> 1. Introduce evolution of Assamese poetry. 2. Read and interpret Selected |

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| | | | | Assamese poem. |
| | 2 nd Semester | Snatarakar Katha Bandha (Gauhati University) | MIL (Assamese) – E – 203 | <ol style="list-style-type: none"> 1. Introduce history. of Assamese prose literature. 2. Learn pruality and characteristics of Assamese prose literature. 3. Read and interpret Selected Assamese culture prose. |
| 2 nd Year | 3 rd Semester Major Course | Assamese Language | ASM – M – 304 | <ol style="list-style-type: none"> 1. Introduce evolution of 9ndian Aryan Language. 2. Introduce Linguistic features of its different states like Sanskrit, pali, prakrit, apavransha 3. Read selected text identify linguistic features. |
| | 3 rd Semester Major Course | Sankardeva (Special Author) | ASM – M – 305 | Provide scope for the students to thoroughly read out particular one's life and literary contribution of the selected literary greats namely – Sankardeva, Lakshminath Bezbaruah, Madhab Kandali. |
| | 3 rd Semester General Assamese | Assamese Drama | MIL (Assamese) E – 308 | <ol style="list-style-type: none"> 1. Provides concept about evolution of Assamese Drama and Theater. 2. Read and interpret selected Assamese Drama. |
| | 4 th Semester Major Course | Assamese Grammar | ASM – M – 401 | <ol style="list-style-type: none"> 1. Introduce general information about correct Assamese pronunciation, correct spelling system, phases and idioms of Assamese Language, use of proper terminology. 2. Analyze various Aspects of Assamese grammar. 3. Phonology of Assamese. 4. Classification of Assamese sentence and analysis of the structure of Assamese Sentence. |
| | 4 th Semester Major Course | Assamese communities and studies on the Culture of Assam. | ASM – M – 402 | <ol style="list-style-type: none"> 1. Provides basic concept of culture and its components. 2. Introduce significance of Assamese culture. 3. Introduce Ethnic groups of Assam. |
| | 4 th Semester | Field Study – Preparation of Research papers. | ASM – M – 403 | <ol style="list-style-type: none"> 1. Introduce the methods of research paper preparation and presentation. 2. Introduce different types of research. |
| | 4 th Semester General Assamese Course | Assamese Short story and Novel and Essay | MIL (Assamese) – E – 408 | <ol style="list-style-type: none"> 1. A clear idea on Assamese short stories and novels could be formed. 2. The students will learn about the first Assamese Short stories and the |

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| | | | | culture of tribal people in Assam. |
| 3 rd Year | 5 th Semester Major Course | Ancient Assamese Drama | ASM – M – 501 | <ol style="list-style-type: none"> 1. Read and interpret Selected Assamese. 2. Provides concept about evolution of Assamese drama. |
| | 5 th Semester Major Course | Ancient Assamese prose literature | ASM – M – 502 | <ol style="list-style-type: none"> 1. Introduce different languages and dialects of Assam. 2. Characteristics and mutual exchange between different languages of Assam scripts used by the Languages. |
| | 5 th Semester Major Course | Study of Brajabali literature | ASM – M – 503 | To gain knowledge about Brajabali Language, Literature, poetry and their significance in Literary area. |
| | 5 th Semester Major Course | Pali – Prakrit Literature and Grammar | ASM – M – 504 | <p>After going through this paper students will be able to know the evolution of the Pali - Prakrit Literature.</p> <p>Through the study of Linguistic study of Pali - Prakrit - Apabhrangsha Language.</p> |
| | 5 th Semester Major Course | Literary criticism | ASM – M – 505 | <ol style="list-style-type: none"> 1. Introduce Literature and its genre. 2. Introduce three main approaches of Literature criticism namely Historical Approach, Analytical Approach and comparative Approach. 3. Introduce basic concept of Rasa and Alankara. |
| | 5 th Semester Major Course | Formed of the Language | ASM – M – 506 | After going through this paper student's will be able to learn about the language, classification of language, types of the language etc. |
| 3 rd Year | 6 th Semester Major Course | Modern Assamese Drama | ASM – M – 601 | <ol style="list-style-type: none"> 1. Provides concept about evolution of Assamese Drama and Theater. 2. Read and interpret Selected Assamese Drama. |
| | 6 th Semester Major Course | Modern Assamese prose | ASM – M – 602 | <ol style="list-style-type: none"> 1. Introduce history of Assamese Prose Literature. 2. Learn pruality and characteristics of Assamese Prose Literature. 3. Read and interpret Selected Assamese prose. |
| | 6 th Semester Major Course | Studies on Modern Indian Literature | ASM – M – 603 | <ol style="list-style-type: none"> 1. Introduce definition of Indian Literature. 2. Introduce areas of Indian Literature. 3. Provides essentialness of reading Indian Literature. |

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| | 6 th Semester Major Course | Assamese Short Stories and Novel | ASM – M – 604 | <ol style="list-style-type: none"> 1. Students will have an idea on the inception of Assamese plays and its subject matter. 2. A clear idea on Assamese Short Stories and novels could be formed. 3. The students will learn about the first Assamese Short Stories and the Culture of tribal people in Assam. |
| | 6 th Semester Major Course | Rhythms and Ornaments | ASM – M – 605 | After going through this paper students will be able to know the Rhythms and Ornaments used in Assamese Literature. |
| | 6 th Semester Major Course | An Introduction to Linguistics | ASM – M – 606 | <ol style="list-style-type: none"> 1. To know about of Assamese basis of different branches of Language analysis study and ways. 2. Trace the history about Language Study. 3. To know about the development of Linguistics and Assamese language. |

| Year | Semester | Course Title | Course Code | Course Outcome |
|----------------------|---|---|-------------|---|
| 1 st Year | 1 st Semester Elective Assamese Course | History of Assamese Literature and Script | E – 101 | <ol style="list-style-type: none"> 1. Introduce significance of period deviation in the history of Literature. 2. Introduce various periods of the history of Assamese Literature. 3. Provides basic characteristics of every periods Literature. |
| | 2 nd Semester Elective Assamese Course | Assamese Language | E – 201 | <ol style="list-style-type: none"> 1. Introduce evolution of Indo Aryan Language. 2. Introduce Linguistic features of its different states like Sanskrit, Pali, Prakrit. |
| 2 nd Year | 3 rd Semester Elective Assamese Course | History of Assamese Literature (Post Sankari to Awahan Era) | E – 304 | <ol style="list-style-type: none"> 1. Trace the development of post Sankari Era's Literature and its background. 2. Trace the development of Awahan Era Literature and its background. |
| | 4 th Semester Elective Assamese Course | Assamese Grammar | E – 403 | <ol style="list-style-type: none"> 1. About the history of Assamese Grammar and its classification and elements. 2. Phonology of Assamese. 3. Analysis of Assamese segmental Phoneme like vowel and consonant and supra segmental phone me like Accent Tone, Junture, Nazalization |

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| | | | | <p>etc.</p> <p>4. About the Syntax of Assamese Language.</p> <p>5. Classification of Assamese sentence and analysis of the Structure of Assamese sentences.</p> |
| 3 rd Year | 5 th Semester Elective Assamese Course | Assamese Poetry | E – 503 | <p>1. They will learn about the stories of the Ramayan and The Mahabharata and the societies reflected in these two epics.</p> <p>2. They will know the influence of devotional Literature on the society and the glory of Bargeet composed by Srimanta Sankardeva and Madhabdeva.</p> <p>3. An idea on romantic poems, its characteristics and about the authors of these poems could be formed.</p> <p>4. The students will know about the modern poems its characteristics and about subject matter of these poems.</p> |
| | 5 th Semester Elective Assamese Course | Assamese Drama | E – 504 | <p>1. The students will learn about the Brajawali Languages and the purpose for the creation of this language by Srimanta Sankardeva.</p> |
| | 6 th Semester Elective Assamese Course | Assamese Prose | E – 603 | <p>1. Introduce history of Assamese prose.</p> <p>2. Learn pruality and characteristics of Assamese prose.</p> |
| | 6 th Semester Elective Assamese Course | Assamese Short Stories and Novel | E – 604 | <p>After going through this paper students will be able to learn about the evolution and the trends of Assamese short stories and novel.</p> |

Programme Outcome

In order to have a knowledge on a language one has to know the origin of it, how it evolves and its journey from birth to the present stage. The students will be benefited if all these facts are covered in a Syllabus. Accordingly, all these subjects have be incorporated in the TDC syllables and the students will to definitely be benefited from it.

The student will get a detail idea Assamese language, its development and evolution. Assamese literature, Assamese poetry, Novels, phase etc. from this syllabus.

The students will know the various texture of Assamese languages how it came into existence, factors behind its evolution, differences between other Indian languages similarities

with other Indian languages, influences on Assamese language by other Indian languages as well as Western languages etc. everything is covered in the syllabus.

The growth of Assamese literature, its evolution, its contributions etc. are also included in the syllabus. The syllabus focuses on the various Assamese cultures, written languages, spoken languages etc. its regional Languages. After all it is a complete syllabus with which a student can have a knowledge of Assamese language, literature, culture etc.

Department of Assamese (CBCS)

Program Outcome:

Under Graduate course in Assamese Major deals with Linguistics and the history of Assamese literature. It incorporates Assamese Literature from 9th to the 21st century and also includes Western and Eastern Literature and Culture History. The Cultural History paper includes various aspects like tourism, archaeology, agriculture and fashion. This paper requires the students to acquire knowledge on indigenous dress and ornaments. It also encompasses information on various religious and historical places of interest and archaeology, variety and scope of agriculture is another area that it covers.

Department of Assamese (CBCS)

Program Specific Outcome:

The Student doing B.A. course in Assamese are expected to acquire a basic knowledge about the history of Literature, culture and Linguistic encounters. It is categorised into many forms like fiction non-fiction, poetry, prose, novel, short story, drama etc. The course will provide skills in creative writing, competence in the language will empower them with communicative skills.

Department of Assamese (Non - CBCS)

Program Outcome:

Under Graduate course in Assamese Major deals with Linguistics and the history of Assamese Literature. It incorporates Assamese Literature from the 9th to the 21st century and also includes Western and Eastern Literature and Cultural History. The cultural history paper includes various aspects like tourism, archaeology, agriculture and fashion. This paper requires the students to acquire knowledge on indigenous dress and ornaments. It also encompasses information on various religious and historical places of interest and archaeology, Variety and scope of agriculture another area that it covers.

Department of Assamese (Non - CBCS)

Program Specific Outcome:

The Students doing B.A. course in Assamese are expected to acquire a basic knowledge about the History of Literature, Culture and Linguistic encounters. It is categorised into many forms like fiction, non-fiction, poetry, prose, novel short story, drama etc. The course will provide skills in creative writing. Competence in the language will empower them with communicative skills.

БКУМБ

Department of Bengali

Course outcome (Honours & Regular Course)

Four Year Under Graduate Programme (FYUGP) & Choice Based Credit System (CBCS)

B.A 1st Semester (Major/Minor)

| Paper | Course Outcome |
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| Shishu O Kishor Sahityo (শিশুওকিশোরসাহিত্য) BEN0100104 | The course will enable the students to get familiar with the Juvenile Literature which includes prose, poetry, fiction along with the contributions of individual authors in the fields of Modern Bengali Literature. Moreover, the course will help to develop their social and cultural knowledge. |

B.A 2nd Semester (Major/Minor)

| Paper | Course Outcome |
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| Unnis Sataker Bangla Sahityopath (উনিশশতকেরবাংলাসাহিত্যপাঠ) BEN0200104 | The course will help the students to understand the features of the 19th century's texts of Bengali poetry, prose, fiction and drama along with the contribution of the writers in the different fields of modern Bengali literature. Partially they will also come to know about the socio-economic and political study of that particular era. This course is also help them to enrich their cultural knowledge, emotional intelligence and creativity. |

B.A 3rd Semester

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| BEN-HC-3016 Lokosanskriti O Lokosahitya | The purpose of this course is to make the students aware about the folk culture and folk literature of Bengali. Because to know the Bengali culture, folklore and culture is an important subject. |
| BEN-HC-3026 Chhanda,Alamkar O Prachya, kabyatatwa | The purpose of this course is to introduce the students to Prosody, Rhetoric and Oriental Poetic Theory . Through this lesson, students will be able to appreciate the beauty and glory of language. It will impart knowledge about poetry to the students as well as a holistic idea about poetry. |
| BEN-HC-3036 Bangla sahyerItihas (Prachin O Modhyayug) | To acquaint the students of this course with the history of origin and development of ancient and medieval Bengali literature |
| BEN-SE-3014 PandulipiPrastuti | Through this lesson students will gain basic knowledge about research methods, computers as well as typing and design. |

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| BEN-CC-3016 Unish O KuriShotaker Bangla Sahitya 1 | Through this lesson, students will gain knowledge about a continuous picture of the evolution of Bengali poetry from the Middle Ages to the modern era. |
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B.A 4th Semester

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| BEN-HC-4016 Bangla sahityerItihas(Ad hunikyug) | From this course students will be able to know about the history of modern Bengali literature. |
| BEN-HC-4026 Adhunik Bangla Sahitya: SuchonaParba | This course will give the students a clear idea about different sections of Bengali literature such as epic rhymes, lyric poems. |
| BEN-AE-4036 Rabindra Sahitya | This course will give students an idea about Rabindranath's poetry novels and short stories. |
| BEN-SE-4014 Proof Sangshodhan | From this course students will be able to learn about proofreading and will develop ideas about printing and publishing as well as literary practice. |
| BEN-CC-4016 Unish O kuriShataker Bangla Sahitya 2 | From this course students will be able to gain an overall idea about the history of origin and development of comedy, features of short stories and drama. |

B.A 5th Semester

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| BEN-HC-5016 Adhunik Bangla Sahitya: prakSwadhinotaP arba | The purpose of this course is to introduce the students to the modern Bengali literature written before independence. Through this, students will gain knowledge about the origin and development of modern Bengali lyric poetry, novels and essays. |
| BEN-HC-5026 Adhunik Bangla Sahitya: SwadhinottarParb a | The purpose of this course is to introduce the students to modern Bengali literature in the post-independence period. Through this, students will gain knowledge about the nature of short stories and dramas. |
| BEN-HE-5016 Sishu O Kishor Sahitya | From this course students will be able to gain knowledge about an overall feature and structure of children's literature. At the same time, science fiction and fantasy will be introduced in the national composition. |
| BEN-HE-5026 Jiboni Sahitya O Smritikotha | From this course students will develop a clear idea about biographies, autobiographies and memoirs of great men. Which can become an inspiration in their later life. |
| BEN-SE-5014 | From this course students will be able to gain a general idea of drama, |

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| ChitranatyaRachona O Bangla Sahitya | film and screenplay. Which has the opportunity to be taken up as a profession in later life. |
| BEN-RG-5016 Kishor Sahitya | From this course students will be able to gain knowledge about an overall feature and structure of children's literature. And there are opportunities to learn more about rhymes, prose stories and novels that are useful for children's minds. |

B.A 6th Semester

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| BEN-HC-6016 SahityerSangna O Sangrup | Through the course, students will be able to gain a clear idea about the Eastern and Western genres of different sections of Bengali literature such as epics, lyric poems and ballads, novels, short stories, plays etc. |
| BEN-HC-6026 Paschatya Sahitya Tattwa O Somalochana | Through the course students will be able to gain a clear knowledge about classicism, romanticism, realism, surrealism, comparative critique method, historical critique method etc. As a result, students will be aware of the forms and tendencies of Western criticism. |
| BEN-HE-6016 Uttarpurberbangla Sahitya | From this course students will be able to gain an overview of the way of life, culture, geography and politics of Northeast India. |
| BEN-HE-6036 Gobeshanamulok SandharbhaLikhana | This course will create interest in research among the students. Will be able to get a basic idea about research and the contribution of periodicals in Bengali literature. |
| BEN-SE-6014 Anubadcharcha | From this course students will be able to gain knowledge about different techniques of translation and get acquainted with literature of different languages through the practice of translation. |
| BEN-RG-6016 purbattorerbangla Sahitya | From this course students will be able to gain an overview of the way of life, culture, geography and politics of Northeast India. |

Course outcome (Major Course) (CBCS)

B.A 3rd Semester

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| BEN/M/304 Bangla SahityerItihas(pracin O Madhyajug) | Through this lesson, the students can get to know the ancient and medieval evolution of Bengali literature historically. As a result, through this lesson, one is able to get the correct idea about society, culture, etc. in a contemporary way. |
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| BEN/M/305 Bangla SahityerItihas(Adhunikyug) | Through this lesson, students can know the evolutionary trend of the modern era of Bengali literature historically. As a result, through this lesson, one is able to get the correct idea about society, culture, etc. in a contemporary way. |
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B.A 4th Semester

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| BEN/M/404 Bangla BhasarItihas O Chanda Alankara | The identity of a nation depends on the development of language. Prosody and Rhetoric especially help in the development of this language. Through this lesson students are able to realize the beauty of language and the glory of meaning. |
| BEN/M/405 Bangla kabita | Students can learn about the special features of modern Bengali poetry and get acquainted with different poets and their poetry. Through this lesson, students can get a clear idea about modern poetry. |

B.A 5th Semester

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| BEN/M/501 Upanyas | An overall picture of society and individual life emerges in the novel. Through this lesson, students can gain a clear idea about the changing trend in Bengali novel as well as become aware of social life and individual life. |
| BEN/M/502 Galpa | Bengali short stories are world famous. Through this lesson the students will be able to develop the clear idea of short stories. |
| BEN/M/503 Nataka | Through this lesson students are able to understand the history of drama as well as its development. |
| BEN/M/504 Bhramana Sahitya | A special contribution of Bengali literature is travel literature. Through this lesson, students can get a whole idea about travel literature and enjoy the taste of traveling at home. |
| BEN/M/505 Prabandha | Through this lesson students will be able to gain a comprehensive idea about essays in Bengali literature. And at the same time students will develop logical thinking. |
| BEN/M/506 Atiriktagadya sahitya | In this lesson, the faults of the society have been highlighted through the fancy techniques of satire and humor. As a result of this literature, students can learn about this innovative technique. |

B.A 6th Semester

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| BEN/M/601 Rabindranath 1 | In this lesson, students will gain knowledge about Rabindranath's poetry and one of the prominent aspects of Rabindra-Natak. |
| BEN/M/602 Rabindranath 2 | In this lesson, students will be able to become aware of the unique features of Rabindranath's short stories and novel. |

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| BEN/M/603 Samalocana Sahitya | Through this lesson students can get acquainted with the structure of poetry and ballads, epics, Indian epics, lyric poems, novels, short stories, essays. |
| BEN/M/604 Pratibesi Sahitya | One of the aspects of modern literature is comparative literature. Through this lesson, students can gain knowledge about Oriya and Assamese literature along with their own language. |
| BEN/M/605 AsamerBangla Sahitya | Through this lesson the students are able to gain a clear idea about the Bengali literature of Assam. Students are able to gain a clear idea about memoirs and plays. |
| BEN/M/606 Sahitya PrakalpabaSandarbhalikhon | One of the objectives of this lesson is to build the future life of the students through literary project or context writing. In this lesson students get a chance to gain practical knowledge about how to write a literary project or context. |

**Course outcome
(Pass Course)
Bengali (MIL)**

B.A 3rd Semester

| Paper | Course Outcome |
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| Paper 3.1 Course 3 Prohashan O Natak | Through this course, students will have the opportunity to gain a detailed idea about the history of comedy in Bengali literature as well as special knowledge about modern drama. |

B.A 4th Semester

| Paper | Course Outcome |
|--|---|
| Paper 4.1 Course 4 ProbondhoRochonaO Byakaran | The essay presents the real aspects of society in a logical way. Through this the students are able to develop special logical intelligence. And through the grammar lessons one is able to gain a holistic knowledge about the accuracy of language. |

Department of English

COURSE OUTCOME

C01: The Major/Honours course will introduce the students to the different circumstances that contributed towards the shaping of literature from Chaucer to the present. Along with that the course will also acquaint the students with Indian classical literature through translation into English. The students will study the selective works of the representative authors of different ages by which they will learn the trend of the literary movements took place in time to time.

C02: the students are expected to study the literary history of Chaucer's Age, the Elizabethan period, Neo-Classical and the Romantic period, the Victorian Period and Modern and Post-Modern period along with the classical and popular poems, dramas, novels, short stories and the famous essays of the great essayists.

C03: It will make the students acquainted with the social and cultural conditions of England from thirteenth century to the present time.

C04: the students will learn the background of each literary movement since its inception and also the conditions of the people, their living styles, customs, rituals, behavior, believes etc.

Curriculum Based Outcome:

1. History of English language and structure since the early period until modern period will enable the students to have a broad purview of the subject.
2. Translation Studies is a part of the syllabus and students get to study texts of Indian mythology and classical dramas reading which the students can learn the powerful writing skills of the ancient Indian writers and the past heritage of our country.
3. The social, historical and literary contexts of the classical-Christian myths are something they are exposed to.
4. Womens' writing is another area where students are aware of the feminist theories and how they reflect on the womens' present status and condition.
5. Students are further exposed to different forms of reading and life writing like biographies, memoirs and letters.
6. Students will also be acquainted with the ideas and philosophies of great personalities in their literary theories from Romantic period to the present times.
7. English literature students have the opportunity to read the great epic Bible and its stories which are still relevant to lead moral life.

Mechanism of Communication:

The Department of English adopts outcome-based learning rather than input-oriented learning. In keeping with the institutional strategies, the following mechanism is adopted to communicate the learning outcome to the teachers and students.

- Graduate attributes are described to the first year students at the commencement of the programme.
- The teachers spend the stipulated hours recommended by UGC for introducing the subject to the students.

- Learning outcomes of the programmes and Courses are strictly observed and assessed periodically.
- The importance of learning outcomes is communicated to the teachers time to time in Staff meetings.
- The students are also communicated about the Programme and Course outcomes through regular tutorial classes.

Programme Outcomes

- Apply the knowledge of the subject logically in required fields keeping in consideration of the various social, cultural, political and environmental issues.
- Adopt adequate teaching strategies and measures to meet the diverse needs of the heterogeneous background of the learners thereby enabling them solve complex problems and exhibit comprehension and understanding of the programme and apply the in a multidisciplinary environment.
- Use innovation-based knowledge and creative methods including design of assignments, seminar papers for analytical skill and synthesis of the information leading to valid conclusions.
- An attempt is made to create, select, and apply appropriate technique, resources and modern IT tools for better learning outcomes. The focus is on training and skill to engage in self-regulating and life-long learning in the digitally changing times.
- General awareness of the societal and environmental issues for ensuring the practice of sustainable development.
- Acquaint the students with ethical principles, moral values, professional ethics and responsibilities.
- Inculcate leadership qualities, team-spirit as well as a sense of individuality in the learners.

Course Outcome

| course | Outcome |
|----------------|--|
| Honours Course | Semester I/II <ul style="list-style-type: none"> • To encourage the students of gain a command on English language by listening lectures of the teachers, listening TV etc. and reading the texts. They are also encouraged to become fluent English speaker • The students of English Literature are motivated to go through the major classics and popular works of the English speaking world. They are inspired to break the boundary and have taste of the global literature. • The aim is to help acquaint the learners to explore the entire vista of varied human experience as in Fiction, Poetry, Non-Fiction, Prose and Drama. |

- The programme seeks to provide imagination and critical insights into the wide spectrum of human emotions an experience-nature and culture, identity and sexuality, love and peace, history and justice.
- Literature encourages the learners to develop reading as a source of life-long commitment to learning and growth.
- It aims to help the learners to develop the habit of active reading and the ability to comprehend the complex, nuanced literary texts, appreciate the literal and figurative uses of language.
- To encourage learners to develop analytical and interpretive skills thereby instilling research-oriented outlook.
- The students are encouraged to practice critical writing and creative expression to enhance their thinking and communicative ability.
- Students are trained to explore the diverse genre of literary writing to enhance their intellectual growth and instill the habit of intellectual inquiry.
- To sensitize the students to become effective thinkers and communicators.
- Increase confidence in public speaking and articulating clear ideas in class discussion by listening thoughtfully and respectfully to other ideas.
- Enhance ability to organize and deliver informed and interesting oral/written presentations make the learners well equipped for various professions in future.

Semester III/IV

- To encourage the students of gain a command on English language by listening lectures of the teachers, listening TV etc. and reading the texts. They are also encouraged to become fluent English speaker
- The students of English Literature are motivated to go through the major

classics and popular works of the English speaking world. They are inspired to break the boundary and have taste of the global literature.

- The aim is to help acquaint the learners to explore the entire vista of varied human experience as in Fiction, Poetry, Non-Fiction, Prose and Drama.
- The programme seeks to provide imagination and critical insights into the wide spectrum of human emotions an experience-nature and culture, identity and sexuality, love and peace, history and justice.
- Literature encourages the learners to develop reading as a source of life-long commitment to learning and growth.
- It aims to help the learners to develop the habit of active reading and the ability to comprehend the complex, nuanced literary texts, appreciate the literal and figurative uses of language.
- To encourage learners to develop analytical and interpretive skills thereby instilling research-oriented outlook.
- The students are encouraged to practice critical writing and creative expression to enhance their thinking and communicative ability.
- Students are trained to explore the diverse genre of literary writing to enhance their intellectual growth and instill the habit of intellectual inquiry.
- To sensitize the students to become effective thinkers and communicators.
- Increase confidence in public speaking and articulating clear ideas in class discussion by listening thoughtfully and respectfully to other ideas.
- Enhance ability to organize and deliver informed and interesting oral/written presentations make the learners well equipped for various professions in future.

Semester V/VI

- To encourage the students to gain a command on English language by listening lectures of the teachers, listening TV etc. and reading the texts. They are also encouraged to become fluent English speaker
- The students of English Literature are motivated to go through the major classics and popular works of the English speaking world. They are inspired to break the boundary and have taste of the global literature.
- The aim is to help acquaint the learners to explore the entire vista of varied human experience as in Fiction, Poetry, Non-Fiction, Prose and Drama.
- The programme seeks to provide imagination and critical insights into the wide spectrum of human emotions an experience-nature and culture, identity and sexuality, love and peace, history and justice.
- Literature encourages the learners to develop reading as a source of life-long commitment to learning and growth.
- It aims to help the learners to develop the habit of active reading and the ability to comprehend the complex, nuanced literary texts, appreciate the literal and figurative uses of language.
- To encourage learners to develop analytical and interpretive skills thereby instilling research-oriented outlook.
- The students are encouraged to practice critical writing and creative expression to enhance their thinking and communicative ability.
- Students are trained to explore the diverse genre of literary writing to enhance their intellectual growth and instill the habit of intellectual inquiry.
- To sensitize the students to become effective thinkers and communicators.
- Increase confidence in public speaking and articulating clear ideas in class discussion by listening

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| | <p>thoughtfully and respectfully to other ideas.</p> <ul style="list-style-type: none"> • Enhance ability to organize and deliver informed and interesting oral/written presentations make the learners well equipped for various professions in future. |
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| <p>General Course BA</p> | <ul style="list-style-type: none"> • To inspire the students to read, write and speak correct English. • To increase confidence in public speaking and articulating clear ideas in class discussions by listening thoughtfully and respectfully to other ideas. • To enhance the ability to organize and deliver informed and interesting oral/written presentations make the learners well equipped for various professions in future. • The students are encouraged to practice critical writing and creative expression to enhance their thinking and communicative skill. <p>Semester III/IV</p> <ul style="list-style-type: none"> • To inspire the students to read, write and speak correct English. • To increase confidence in public speaking and articulating clear ideas in class discussions by listening thoughtfully and respectfully to other ideas. • To enhance the ability to organize and deliver informed and interesting oral/written presentations make the learners well equipped for various professions in future. <p>The students are encouraged to practice critical writing and creative expression to enhance their thinking and communicative skill.</p> |
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| <p>Bachelor Programme in English</p> | |
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| <p>Programme Outcome</p> | <p>The Under Graduate Programme in English deals mostly with English Literature and its history. It makes the students familiar with different literary genres- fiction, non-fiction, poetry, plays, biography, autobiography, journal, film etc. it develops intellectual, personal and professional abilities through effective communicative skills.</p> |
| <p>Programme Specific Outcome</p> | <p>Knowledge in grammar and usage and linguistic structure of the English language will develop the communicative skills of the students. The course familiarizes students with the main events, conflicts and inventions of Great Britain, to comprehend literary texts written by great writers of English from the ancient to the modern times.</p> |
| <p>Course Outcome</p> | <p>The course will enable students to acquire sound comprehension of social, cultural, biographical, historical background of British and other European literature, American literature, Indian writing in English. As the course is basically multi-disciplinary the students have a lot of career-options – teaching, News Media, Communication Media, Tourism Industry, as Air Hostess etc. they can opt for further studies in English, Linguistics, Culture Studies, Folklore, MBA, Mass Communication, Law Etc.</p> |

PROGRAMME OUTCOME (In a nutshell)

Students graduating with Bachelor of Arts in English will be able to:

- Read, interpret and write about a diverse range of texts in English.
- Understand those texts analytically and critically.
- Understand those texts on the basis of careful close reading.
- Understand those texts through past and current literary theory.
- Understand those texts which inform culture.
- Participate in the critical and cultural discourse of English.

Department of Economics

Introduction:

Economics is a popular and much sought-after course owing to its policy relevance and application to business as well as real life situations. However, in the under graduate programmes, Economics education was more class-room based with very less practical orientation. Further, with changing technology like uncertainty, pandemics and climate change etc.; the skill requirements are changing. Such a situation organized some newer skills to successfully manage the change. Therefore, keeping in mind the FYUGP under NEP has formulated.

Program Outcome (PO):

The four-year Bachelor of Arts (B.A./Honours) in Economics programme is designed with option for multiple entry and exit. The students will be taught theory as well as the practical aspects of Economic Science. They would begin with fundamental concepts and then as they progress to higher semesters they would be introduced to more sophisticated and intricate concepts. The main focus would be on conceptual clarity and practical usage of the knowledge gained. They will also be exposed to quantitative approaches and tools to understand the economic relationships and also to analyse the data for framing as well as evaluating socio-economic policies. The whole process aims at making them more inquisitive about the economic phenomena. After graduation, the students can apply their knowledge, skills and competencies across a broad range of occupations. They enjoy a rewarding career in academic, business, corporate, science, health care, government, or any field that uses the information to answer critical questions and inform decision-making.

Course Outcomes(CO)of all the courses offered by the Department of Economics, FYUGP (under NEP)

Name of the Course: B.A. Economics (Major/Minor)

| Year | Semester | Course Level: | Course Name | Course Objective | Learning Outcome |
|----------------------|------------|---------------|-----------------------------|---|--|
| 1 st year | First Sem | 100-199 | Introductory Economics | The course is designed to expose the students to the basic idea of microeconomics, macroeconomics and public finance. The emphasis will be on thinking like an economist and the course will illustrate how the concepts of microeconomics, macroeconomics and public finance can be applied to analyze real-life situations. | This course aims to develop the simple conceptual frameworks which will enable students to understand and comments upon real economic issues like the basic economic problems, demand, supply, GDP and their inter-linkages and also simple ideas of public finance. It will also allow them to evaluate economic policies in terms of coherent logical structure. |
| | Second Sem | | Basic Elements of Economics | The course is designed to introduce the students to the basic ideas of Development Economics, Statistics, Indian economy and elements of the financial system. The focus will be on exposing the students to the various issues of the global | At the end of the course, the students will be able to: <ul style="list-style-type: none"> • Understand and critically evaluate the various measures of development • Use and apply the relevant statistical tools to systematically examine any given economic |

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| | | | | and national economy along with the basic statistical tools for analysing these issues. | phenomenon <ul style="list-style-type: none"> • Describe and analyse the Indian economy in terms of its income and demographic features • Understand the functioning of a financial system • Relate and analyse the current events of the global and national economy. |
| 2 nd Year | Third Sem | 200-299 | Intermediate Economics | The course is designed to provide a sound training in micro and macroeconomic theory and elementary exposure to International Economics. This involves more formal treatment of behavior of individual economic agents and outcome of their decisions on the aggregated levels. Students will also get further insights to the subjects of money, inflation and Credit system. | This course aims to develop the broad conceptual frameworks which will enable students to understand the contents upon real economic issues like consumer behavior, producer behavior, money, inflation, employment, International Economics and basic theories. |
| | | | Public Finance | This course introduces the nature and scope of Public Finance. It will look into efficiency and equity aspects of taxation and expenditure. It examines the objective of fiscal policy and explores Fiscal Federalism in India. | The course will be useful for students aiming for careers in the government sector, policy analysis, business and journalism. |
| | Forth Sem | 200-299 | Advanced Macroeconomics | This course is designed to provide a comprehensive knowledge in macroeconomics. It provides basic ideas on macroeconomic indicators or variables. It discusses various alternative theories of output and employment determination in a closed economy in short-run, medium-run. In addition, it covers long run dynamic issues like growth and technical progress. It also provides different theoretical understanding of issues related to an open economy. | |
| | | | Introductory Quantitative | The course is designed to provide some ideas related to | This course will enable students to have some basic ideas of elementary |

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|----------------------|-----------|---------|--------------------------|--|--|
| | Forth Sem | 200-299 | Techniques for Economics | basic mathematics and elementary statistics. The main objective is to acquaint the students with the basic quantitative techniques like calculus, optimization techniques, correlation, regression etc. which are very much helpful for studying economic theories and analyzing economic phenomena. | mathematics like number system, sets, functions, calculus and some basics on statistical measures to be applied for solving economic problems. |
| | | | Advanced Microeconomics | The course is designed to provide a sound understanding of the concepts and theories of advanced microeconomics. Since students have been taught perfect competition, this course focuses on the main pillars of Microeconomics such as Imperfect Competition, General Equilibrium, Welfare Economics, and Information Economics. In addition, the principle of factor pricing, input markets, consumer theory, production and cost analysis have been included. | <p>Learning Outcome:</p> <ul style="list-style-type: none"> To provide a better understanding of the market structure. To provide an understanding of general equilibrium, welfare economics, market structure, game theory, and economics of information. To demonstrate that the theories discussed in class will usually be applied in real-life situations. |
| 3 rd Year | Fifth Sem | 300-399 | Development Economics | Course Objective: The course is designed to introduce the students to the basic ideas of Development Economics, namely the concepts and meaning of development. The focus will be on exposing the students to the various theories and strategies of development and relating them to issues of poverty, inequality and the environment. | <p>At the end of the course, the students will be able to:</p> <ul style="list-style-type: none"> ☐ Understand and critically evaluate the process of development. ☐ Interpret the various development strategies and theories to assess the different development paths followed by different societies of the world. ☐ Gain awareness on the real meaning of development and comprehend how poverty, inequality and environment are linked to the process of development. |
| | | | INDIAN ECONOMY | This course will give the students an idea of the Indian economy at the time of independence to the contemporary time. The | <p>Course outcome:</p> <ul style="list-style-type: none"> ☐ Help students to know the status of Indian economy in some development indicators since independence |

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| | | | | course is expected to provide students a better picture of the situation and appreciate the challenges and opportunities. | <p>☑ Built up an analytical thought among students to see the relevance of policies and its effects on different sectors.</p> |
| | | | International Economics | | <p>Graduate Attributes: This course helps students to comprehend the economic relationships among countries in terms of both trade and monetary issues. It also assists the students in understanding and explaining the composition, direction and consequences of international trade, and the determinants and effects of trade policy. It covers extensive discussions on advances in trade theories over the years, trade policies as well as international monetary systems. Although the course is based on abstract theoretical models, students will also be exposed to real-world examples and case studies.</p> |
| | | | Intermediate Quantitative Techniques for Economics | | <p>Graduate Attributes: This course is designed to give students the knowledge of mathematical tools like matrix algebra, multivariable optimization, etc. along with statistical tools of probability, theoretical distribution and time series to build up strong quantitative skill. On completion of this course, students are expected to be able to apply these quantitative tools for solving economic problems.</p> |
| Sixth Sem | 300-399 | Assam Economy | | <p>This course will provide students an idea of Assam economy since independence to the contemporary time. The course is expected to help students to better appreciate the challenges and opportunities of the economy of Assam in the present context.</p> | <p>The main learning outcomes of the paper include:</p> <ul style="list-style-type: none"> • Help students to know the status of Assam economy in some development indicators since independence • To enhance knowledge about the linkage between human capital formation and different sectors of an economy. • Built up an analytical thought among students to see the relevance of policies and its |

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| | | | | | effects on different sectors. |
| | | | Basics of Econometrics | This course aims to provide students with an introduction to the theory and application of econometrics. The course will cover basic concepts such as linear regression, estimation techniques, hypothesis testing, and other topics related to the analysis of economic data. Students will gain an understanding of how econometrics can be used to explain economic relationships, forecast future outcomes, and analyze public policy. | The main learning outcomes of the paper include: 1. Understanding the basic concepts and principles of econometrics, 2. Developing an understanding of the components of a linear regression model, including the intercept and slope terms, 3. Applying linear regression analysis to real-world data, 4. Understanding the meaning and interpretation of a linear regression analysis results 5. Employ alternative estimation techniques such as multi-variable regression, 6. Understanding the assumptions underlying linear regression models and the implications of violating these assumptions 7. Using software tools to facilitate the application of econometric methods. |
| | | | FUNDAMENTALS OF FINANCIAL ANALYSIS | The course is designed to introduce the students to the basic ideas of finance and financial analysis. The focus will be on exposing the students to the various financial instruments, markets and strategies along with the tools for analyzing the same. | Graduate Attributes: At the end of the course, the students will be able to: <input type="checkbox"/> Understand and undertake valuation of both debt and equity instruments <input type="checkbox"/> Gain awareness on the structure and functions of financial markets <input type="checkbox"/> Illustrate the trading in the stocks market and analyze the complexities of the derivative market. |
| | | | Environmental Economics, | This course focuses on economic causes of environmental problems. In particular, economic principles are applied to environmental questions and their management through various economic institutions, economic incentives and other instruments and policies. Economic implications of environmental policy are also addressed along with selected topics on international | Learning Outcome: <input type="checkbox"/> Help to develop a comprehensive knowledge and understanding of the issues related to environment and economy. <input type="checkbox"/> Acquaint someone with the issues related to market failure of environmental goods and the instruments which can prevent the damages of market failure of environmental goods. <input type="checkbox"/> Build up a critical analysis as to how an economy should use the |

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| | | | environmental problems. Selected topics of international environmental problems are also selected. | natural resources in an optimum way, such that an economy can take up the path of sustainable development. <input type="checkbox"/> Make aware of global environmental issues. |
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CBCS

Programme Outcome

The Bachelor of Economics programme has been designed with the objective and to acquire in-depth knowledge and understanding of the functioning and performance of the Indian as well as global economics. Students will understand basic concepts in economics and apply economic principles in real world situations. This course will foster the economic way of thinking and it will enhance the ability to understand various social issues and economic problems.

Programme Specific Outcome

This programme provides the knowledge and opportunities necessary for students to demonstrate their attainment of the following outcomes:

- **Analytical skills and Critical Thinking:** With available information, through experimentation and observation using micro and macro economic theory as well as calculus and statistical tools economics. Students will effectively visualise, conceptualise, articulate and solve complex problems. Students will be able to apply economic analysis to everyday problems. They will also be able to evaluate specific policy proposals.
- **Global consciousness with diverse issues:** This course will broaden the students global disciplinary knowledge which will enhance their understanding of the world around both in economies and beyond.
- Ability to perform as a successful economic analyst for industry, trade and commerce, Banking and Non- Banking Financial Institutions.

Course Outcomes of all courses offered by the Department of Economics

Name of the Course: B.A. (Hons) Economics (CBCS)

| Year | Semester | Course | Outcome |
|-------|-------------|--|--|
| First | Semester-I | <p align="center">Core Course 1:</p> <p>Introductory Microeconomics.</p> <p align="center">(ECO-HC-1016: INTRODUCTORY MICROECONOMICS)</p> | <p>This course is designed to expose the students to the basic principles of microeconomic theory. The course will illustrate how microeconomic concepts can be applied to analyze real-life situations.</p> |
| | | <p align="center">Core Course 2:</p> <p>Mathematical Methods for Economics-I.</p> <p align="center">(ECO-HC-1026: MATHEMATICAL METHODS IN ECONOMICS-I)</p> | <p>This is the first of a compulsory two-course sequence. The objective of this sequence is to transmit the body of basic mathematics that enables the study of economic theory at the undergraduate level, specifically the courses on microeconomic theory, macroeconomic theory, statistics and econometrics set out in this syllabus. Mathematical economics uses mathematical methods, such as algebra and calculus, to represent theories and analyze problems in economics. Mathematical economics is the application of mathematical methods to represent theories and analyze problems in economics. Using mathematics allows economists to form meaningful, testable propositions about complex subjects that would be hard to express informally.</p> |
| | Semester-II | <p align="center">Core Course 3:</p> <p>Introductory Macroeconomics.</p> <p align="center">(ECO-HC-2016: INTRODUCTORY MACROECONOMICS)</p> | <p>This course aims to introduce the students to the basic concepts of Macroeconomics. Macroeconomics deals with the aggregate economy. This course discusses the preliminary concepts associated with the determination and measurement of aggregate macroeconomic variable like savings, investment, GDP, money, inflation, and the balance of payments.</p> |
| | | <p align="center">Core Course 4:</p> <p>Mathematical Methods for</p> | <p>This course is the second part of a compulsory two-course sequence. This part is to be taught in</p> |

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| | | Economics-II (ECO-HC-2026: MATHEMATICAL METHODS IN ECONOMICS – II) | Semester II following the first part in Semester I. The objective of this sequence is to transmit the body of basic mathematics that enables the study of economic theory at the undergraduate level, specifically the courses on microeconomic theory, macroeconomic theory, statistics and econometrics . In this course, particular economic models are not the ends, but the means for illustrating the method of applying mathematical techniques to economic theory in general. The level of sophistication at which the material is to be taught is indicated by the contents of the prescribed text book. |
| Second | Semester- III | Course | Outcome |
| | | Core Course 5 : Intermediate Microeconomics-I (ECO-HC-3016: INTERMEDIATE MICROECONOMICS – I) | The course is designed to provide a sound training in microeconomic theory to formally analyze the behaviour of individual agents. Since students are already familiar with the quantitative techniques in the previous semesters, mathematical tools are used to facilitate understanding of the basic concepts. This course looks at the behaviour of the consumer and the producer and also covers the behaviour of a competitive firm. |
| | | Core Course 6 : Intermediate Macroeconomics-I (ECO-HC-3026: INTERMEDIATE MACROECONOMICS – I) | This course introduces the students to formal modeling of a macro-economy in terms of analytical tools. It discusses various alternative theories of output and employment determination in a closed economy in the short run as well as medium run, and the role of policy in this context. |
| | | Core Course 7 : Statistical Methods for Economics (ECO-HC-3036: STATISTICAL METHODS FOR ECONOMICS) | This is a course on statistical methods for economics. It begins with some basic concepts and terminology that are fundamental to statistical analysis and inference. It then develops the notion of probability, followed by probability distributions of discrete and continuous random variables and of joint distributions. This is followed by a discussion on sampling techniques used to collect survey data. The course introduces the notion of sampling distributions that act as a bridge between probability theory and statistical inference. |

| | | Course | Outcome |
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| | Semester-IV | <p>Core Course 8 :</p> <p>Intermediate Microeconomics-II</p> <p>(ECO-HC-4016: INTERMEDIATE MICROECONOMICS – II)</p> | <p>This course is a sequel to Intermediate Microeconomics I. The emphasis will be on giving conceptual clarity to the student coupled with the use of mathematical tools and reasoning. It covers general equilibrium and welfare, imperfect markets and topics under information economics.</p> |
| | | <p>Core Course 9 :</p> <p>Intermediate Macroeconomics-II</p> <p>(ECO-HC-4026: INTERMEDIATE MACROECONOMICS – II)</p> | <p>This course is a sequel to Intermediate Macroeconomics I. In this course, the students are introduced to the long run dynamic issues like growth and technical progress. It also provides the micro-foundations to the various aggregative concepts used in the previous course.</p> |
| | | <p>Core Course 10 :</p> <p>Introductory Econometrics</p> <p>(ECO-HC-4036: INTRODUCTORY ECONOMETRICS)</p> | <p>This course provides a comprehensive introduction to basic econometric concepts and techniques. It covers statistical concepts of hypothesis testing, estimation and diagnostic testing of simple and multiple regression models. The course also covers the consequences of and tests for misspecification of regression models.</p> |
| Third | Semester-V | <p>Course</p> <p>Core Course 11 :</p> <p>Indian Economy-I</p> <p>(ECO-HC-5016: INDIAN ECONOMY-I)</p> | <p>Outcome</p> <p>Using appropriate analytical frameworks, this course reviews major trends in economic indicators and policy debates in India in the post-Independence period, with particular emphasis on paradigm shifts and turning points. Given the rapid changes taking place in India, the reading list will have to be updated annually.</p> |
| | | <p>Core Course 12 :</p> <p>Development Economics-I</p> <p>(ECO-HC-5026: DEVELOPMENT ECONOMICS-I)</p> | <p>This is the first part of a two-part course on economic development. The course begins with a discussion of alternative conceptions of development and their justification. It then proceeds to aggregate models of growth and cross-national comparisons of the growth experience that can help evaluate these models. The axiomatic basis for inequality measurement is used to develop measures of inequality and</p> |

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| | | | connections between growth and inequality are explored. The course ends by linking political institutions to growth and inequality by discussing the role of the state in economic development and the informational and incentive problems that affect state governance. |
| | | Group-I (Discipline Specific Elective (DSE) Courses) (Any Two) | |
| | | (i) Economics of Health and Education. (ECO-HE-5016: ECONOMICS OF HEALTH AND EDUCATION) | The importance of education and health in improving well-being is reflected in their inclusion among the Millennium Development Goals adopted by the United Nations member states, which include among other goals, achieving universal primary education, reducing child mortality, improving maternal health and combating diseases. This course provides a microeconomic framework to analyze, among other things, individual choice in the demand for health and education, government intervention and aspects of inequity and discrimination in both sectors. It also gives an overview of health and education in India. |
| | | (ii) Money and Financial Markets. (ECO-HE-5026: MONEY AND FINANCIAL MARKETS) | This course exposes students to the theory and functioning of the monetary and financial sectors of the economy. It highlights the organization, structure and role of financial markets and institutions. It also discusses interest rates, monetary management and instruments of monetary control. Financial and banking sector reforms and monetary policy with special reference to India are also covered. |
| | | (iii) Public Finance. (ECO-HE-5036: PUBLIC FINANCE) | This course is a non-technical overview of government finances with special reference to India. The course does not require any prior knowledge of economics. It will look into the efficiency and equity aspects of taxation of the centre, states and the local governments and the issues of fiscal federalism and decentralisation in India. The course will be useful for students aiming towards careers in the government sector, policy analysis, business and journalism. |
| | Semester-VI | Course | Outcome |
| | | Core Course 13 : | This course examines sector-specific policies and |

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| | | <p>Indian Economy-II</p> <p>(ECO-HC-6016: INDIAN ECONOMY-II)</p> | <p>their impact in shaping trends in key economic indicators in India. It highlights major policy debates and evaluates the Indian empirical evidence.</p> |
| | | <p>Core Course 14 :</p> <p>Development Economics-II</p> <p>(ECO-HC-6026: DEVELOPMENT ECONOMICS-II)</p> | <p>This is the second module of the economic development sequence. It begins with basic demographic concepts and their evolution during the process of development. The structure of markets and contracts is linked to the particular problems of enforcement experienced in poor countries. The governance of communities and organizations is studied and this is then linked to questions of sustainable growth. The course ends with reflections on the role of globalization and increased international dependence on the process of development.</p> |
| | | <p>Group-II (Discipline Specific Elective (DSE) Courses) (Any Two)</p> | |
| | | <p>(iv) Environmental Economics</p> <p>(ECO-HE-6016: ENVIRONMENTAL ECONOMICS)</p> | <p>This course focuses on economic causes of environmental problems. In particular, economic principles are applied to environmental questions and their management through various economic institutions, economic incentives and other instruments and policies. Economic implications of environmental policy are also addressed as well as valuation of environmental quality, quantification of environmental damages, tools for evaluation of environmental projects such as cost-benefit analysis and environmental impact assessments. Selected topics on international environmental problems are also discussed.</p> |
| | | <p>(v) International Economics</p> <p>(ECO-HE-6026: INTERNATIONAL ECONOMICS)</p> | <p>This course develops a systematic exposition of models that try to explain the composition, direction and consequences of international trade, and the determinants and effects of trade policy. It then builds on the models of open economy macroeconomics developed in courses 08 and 12, focusing on national policies as well as international monetary systems. It concludes with an analytical account of the causes and consequences of the rapid expansion of</p> |

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| | | international financial flows in recent years. Although the course is based on abstract theoretical models, students will also be exposed to real-world examples and case studies. |
| | (vi) The Economy of Assam (ECO-HE-6036: THE ECONOMY OF ASSAM) | This course will provide students an idea of evolution of the Assam Economy from the colonial period to the contemporary time. The course is expected to help students to better appreciate the challenges and opportunities of the economy of Assam in the present context. |

Course Outcomes of Generic Elective in Economics (GE) :

| Class | Semester- I | Course Outcome |
|--------------------------------|--|--|
| B.A.1st year | Generic Elective (GE): Fundamentals of Microeconomics (ECO-HG-1016: Fundamentals of Microeconomics) | This course intends to expose the student to the basic principles in Microeconomic Theory and illustrate with applications. |
| | Semester- II | Course Outcome |
| | Generic Elective (GE): Microeconomic Theory (ECO-HG-2016: Microeconomic Theory) | This course is designed to expose the students to the basic principles of microeconomic theory. The emphasis will be on thinking like an economist and the course will illustrate how microeconomic concepts can be applied to analyze real-life situations. |
| B.A.2nd year | Semester- III | Course Outcome |
| | Generic Elective (GE) : Fundamental of Macroeconomics (ECO-HG-3016: Fundamentals of Macroeconomics) | This course introduces students to the basic concepts in Macroeconomics. Macroeconomics deals with the aggregate economy. In this course the students are introduced to the definition, measurement of the macroeconomic variables like GDP, consumption, savings, investment and balance of payments. The course also discusses various theories of determining GDP in the short run. |
| | Semester- IV | Course Outcome |
| | Generic Elective (GE) : Macroeconomic Theory | This is a sequel to Principles of Macroeconomics–I. It analyses various theories of determination of |

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| | (ECO-HG-4016: Macroeconomic Theory) | National Income in greater detail. It also introduces students to concept of inflation, its relationship with unemployment and some basic concepts in an open economy. |
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Course Outcomes of Skill Enhancement Course (SEC) in Economics:

| Class | Semester- III | Course Outcome |
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| B.A.2 nd year | Skill Enhancement Course (SEC)-I : Data Collection and Presentation (ECO-SE-3014: Data Collection and Presentation) | This course helps students in understanding use of data, presentation of data using computer softwares like MS-Excel. Students will be involved practically to preparation of questionnaires/interview schedules, collection of both primary and secondary data and its presentation. Students will also be asked to prepare a report on collected data and will be evaluated accordingly. |
| | Semester- III | Course Outcome |
| | Skill Enhancement Course (SEC)-II : Data Analysis (ECO-SE-4014: Data Analysis) | This course discusses how data can be summarized and analysed for drawing statistical inferences. The students will be introduced to important data sources that are available and will also be trained in the use of statistical softwares like SPSS/PSPP to analyse data. |

Course Outcomes of all courses offered by the Department

Name of the Course : B.A. Economics (Regular) CBCS

| Class | Semester-I | Course Outcome |
|-------------------|---|--|
| B.A .First year. | ECO-RC-1016: Principles of Microeconomics–I | This course intends to expose the student to the basic principles in Microeconomic Theory and illustrate with applications. |
| | Semester-II | Course Outcome |
| | ECO-RC-2016: Principles of Microeconomics–II | This is a sequel to Fundamentals of Microeconomics covered in the first semester. |
| B.A .Second year. | Semester-III | Course Outcome |
| | ECO-RC-3016: Principles of Macroeconomics–I | This course introduces students to the basic concepts in Macroeconomics. Macroeconomics deals with the aggregate economy. In this course the students are introduced to the definition, measurement of the macroeconomic variables like GDP, consumption, savings, investment and balance of payments. The course also discusses various theories of determining GDP in the short run. |

| | Semester-IV | Course Outcomes |
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| | ECO-RC-4016: Principles of Macroeconomics–II | This is a sequel to Principles of Macroeconomics–I. It analyses various theories of determination of National Income in greater detail. It also introduces students to concept of inflation, its relationship with unemployment and some basic concepts in an open economy. |

Discipline Specific Elective (DSE) and Generic Elective (GE) in Regular (CBCS) :
(Any one from the three DSE courses in Semester V & VI)

| | Semester-V | Course Outcomes |
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| B.A . Third year. | DSE : Economic Development and Policy in India–I (ECO-RE-5016: Economic Development and Policy in India–I) | This course reviews major trends in aggregate economic indicators in India and places these against the backdrop of major policy debates in India in the post- Independence period. |
| | DSE : Money and Banking ECO-RE-5026: Money and Banking | This course exposes students to the theory and functioning of the monetary and financial sectors of the economy. It highlights the organization, structure and role of financial markets and institutions. It also discusses interest rates, monetary management and instruments of monetary control. Financial and banking sector reforms and monetary policy with special reference to India are also covered. |
| | DSE : Environmental Economics (ECO-RE-5036 :Environmental Economics) | This course introduces students to concepts, methods and policy options in managing the environment using tools of economic analysis. This course should be accessible to anyone with an analytical mind and familiarity with basic concepts of economics. Environmental problems and issues from the Indian and international context (especially global warming)are used to illustrate the concepts and methods presented in the course. The course will be useful for students aiming towards careers in the government sector, policy analysis, business, journalism and international organizations. |

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| <p><u>Generic Elective (GE) :</u></p> <p>ECO-RG-5016: Economic Development and Policy in India-I</p> | <p>This course reviews major trends in aggregate economic indicators in India and places these against the backdrop of major policy debates in India in the post- Independence period.</p> |
| <p>Semester-VI</p> | <p>Course Outcomes</p> |
| <p>DSE :</p> <p>Economic Development and Policy in India-II</p> <p>(ECO-RE-6016: Economic Development and Policy in India-II)</p> | <p>Building on the more aggregative analysis of trends in the Indian Economy offered in Economic Development and Policy-I, this course examines sector-specific trends in key indicators and their implications in the post-Independence period.</p> |
| <p>DSE :</p> <p>Economic History of India 1857-1947</p> <p>(ECO-RE-6026: Economic History of India 1857-1947)</p> | <p>This course analyses key aspects of Indian economic development during the second half of British colonial rule. In doing so, it investigates the place of the Indian economy in the wider colonial context, and the mechanisms that linked economic development in India to the compulsions of colonial rule. This course links directly to the course on India's economic development after independence in 1947.</p> |
| <p>DSE :</p> <p>Public Finance</p> <p>(ECO-RE-6036: Public Finance)</p> | <p>This course is a non-technical overview of government finances with special reference to India.</p> <p>The course does not require any prior knowledge of economics. It will look into the efficiency and equity aspects of taxation of the centre, states and the local governments and the issues of fiscal federalism and decentralisation in India. The course will be useful for students aiming towards careers in the government sector, policy analysis, business and journalism.</p> |
| <p><u>Generic Elective (GE)</u></p> <p>ECO-RG-6016: Economic Development and Policy in India-II</p> | <p>Building on the more aggregative analysis of trends in the Indian Economy offered in Economic Development and Policy-I, this course examines sector-specific trends in key indicators and their implications in the post-Independence period.</p> |

Course Outcomes of Economics (Hons) offered by the Department :

Name of the Course: B.A. (Hons) Economics (Non -CBCS)

| Year | Semester | Course code and Title of the paper | Outcome of the course |
|-------------|-----------------|---|--|
| First | First | M 104 Microeconomics I | This course will help students to understand the fundamentals of micro economics like scarcity, choice, and equilibrium. Get-introduced to the framework for learning about consumer behavior and analyzing consumer decisions. They Learn about the concept of production and costs in detail. |
| | | M 105 Macroeconomics I | This course aims to introduce the students to the basic macroeconomics issues, such as determination of national income, output, employment, circular flow of income. Provide the knowledge about the classical and Keynesian theory of output and Employment, Theory of Effective Demand, Keynesian model of income determination, the Keynesian consumption function. They will able to understand Investment function, Marginal Efficiency of Capital, Marginal efficiency of Investment Multiplier and super Multiplier. |
| | Second | M 204 Microeconomics II | This course is designed to provide the different forms of market structure in microeconomics. The course will illustrate how production is distributed among the different factors of production. Provide various concepts of the Pigouvian Welfare Economics, Pareto Optimality. Students will learn the payback period, Net Present value, Financial Microeconomics and applications. |
| | | M 205 Macroeconomics II | This is a sequel to Principles of Macroeconomics–I. It analyses various theories of good and money market, Business cycle, quantity theory of money. It also introduces students to concept of inflation, its relationship with unemployment and some basic concepts in |

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| | | | an open economy. |
| Second | Third | M 304 Elementary Mathematics for Economics | This is a course on elementary mathematics for economics. It begins with some basic concepts of sets, functions and equations, Matrix and its various applications. Students will Learn about differentiation and its basic rules. Able to understand Integration and its basic rules. |
| | | M 305 The Monetary System | Students will understand the concept of money and its functions .This course will provide about commercial banking balancing liquidity with profitability, central Banking, credit Control & Monetary policy of central bank. Provide basic knowledge about money market and capital market, stock market-- its role in economic development. |
| | Fourth | M 404 Mathematical Applications in Economics | Students will learn in this course about the application of mathematical concept in economics. They will learn the application of calculus in producer's surplus and consumer surplus, along with firm's equilibrium .This course help the students to learn about the concept of cost minimization, revenue maximization, linear programming, Game theory etc. |
| | | M 405 Introduction to Development Economics | The goal of this course is to provide students with the essential tools and concepts of development economics, to prepare them to understand what makes underdevelopment persist and what helps development succeed. |
| Third | | M 501 Elements of Public Finance | Students will learn in this paper about the nature and scope of Public Finance. They will learn about the important elements of public finance viz. Public Revenue, Public Expenditure and Public Debt. |
| | | M502 Basic statistics | Students from the Arts stream learn Basic to statistics. They will learn about the |

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| Fifth | | measures of Central tendency, Dispersion, Correlation, Regression and Probability. |
| | M 503 Introduction to Environmental Economics | On successful completion of this course students will have an in-depth understanding of the discipline of environmental economics and its key principles. They will be able to understand and analyze the various environmental problems and will also be able to assess the different environmental policies. They will also be introduced to the different global environmental issues. |
| | M 504 International Trade and Policy | The purpose of this course is to provide students with a thorough knowledge of the theories of international trade as well as terms of trade, gains from trade and international trade policy. |
| | M 505 History Economics Thought I | This course helps students to learn how the economic thought has evolved over time. It helps students to learn about the economic thought of the early period, the classical period and the socialist thought. |
| | M 506 Policy and the Indian Economy | Students will develop ideas of the basic characteristics of the Indian economy. They will understand about poverty, inequality and unemployment. They will also learn about the role of agriculture in economic development and the role of industries in the development process. |
| | | M 601 Public Economics |
| | M 602 Applied Statistics | Students from the Arts stream will demonstrate their ability to apply statistics in Econometric Methods Economics. They will learn to apply index. numbers, time |

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| | | | series analysis, vital statistics and sample survey in Economics. |
| | Sixth | M 603 Economics of Natural Resources and Sustainable Development | The students will learn about natural and resources, economics of renewable and non renewable resources and also about development-environment trade off. The course also deals with the policies necessary for the sustainable management of natural resources. |
| | | M 604 International Economics | The students will learn about the nature and scope of international economics. They will also learn about the determinants of exchange rates and the balance of payments. The course also deals with economic integration and international institutions. |
| | | M 605 History of Economics Thought II | This courses teaches the students about famous schools of thought- Marginalist school, Austrian school. The students will also learn about neo-classical economics, welfare economics, Keynesian economics and Indian Economic Thought. |
| | | M 606 Planning for Development: India and the Northeast | The students will learn about different aspects of planning. They will also learn about India in the Global Economy. This course will also help the students to understand the economic problems of North East India. |

Course Outcomes of Economics (General / Elective) offered by the Department

Name of the Course: B.A. (General/ Elective Course)

| Year | Semester | Course code and Title of the paper. | Outcome of the course |
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| First | First | E-101 Elementary Micro Economics | This course gives the foundation for economic analysis and various concept of equilibrium. Able to analyse consumer and producer behavior .A thorough understanding on firm's production processes and market structure. |

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| | Second | E-201 Introductory Macro Economics | Understand macroeconomic principles, concepts, and theories. Able to integrate theoretical knowledge to evaluate policy measures. This course helps students to understand about macroeconomic policy formulations. |
| Second | Third | E-303 Money, Banking and Finance | This course exposes students to the theory and functioning of the monetary and financial sectors of the economy. It highlights the organization, structure and role of financial markets and institutions. It also discusses interest rates, monetary management and instruments of monetary control. Financial and banking sector reforms and monetary policy with special reference to Underdeveloped Countries (UDC's) like India are also covered. |
| | Fourth | E-403 Indian Economy with Issues of North-East. | A thorough understanding on Indian Economic System along with north-east.. Know about the National income and per-capita income of India and the state of assam.know about the role of agricultural sector towards the state economy, industrial development strategy before and after reform. Provide knowledge about the demographic features of Assam and others sectoral developmental issues relating to economy of Assam. |
| Third | Fifth | E-503 Public Finance. | Know about the Public finance and Private finance and fiscal policies. To analyse various issues between centre and state Governments. Also provide knowledge about budget and policy formulation. |
| | | E-504 Introduction to Growth and Development Economics. | Acquaint students with the basic concepts and issues of growth and development and modern approaches to economic development. Know how to measure National Income. An insight need for sustainable economic development. Study about HDI Indicators and their role in development programmes. |
| | Sixth | E-603 International Economics. | Through understanding on International Economic System. Learn global economic issues and role of international institutions i.e. IMF and IBRD. Study about the fundamental theories in International Economics and examine the relative |

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| | | | economic problems. |
| | | E-604 Planning and Development in India. | This course helps students to know the basic features of Indian Economy as a developing economy. Know about the need of planning. importance of FDI and FPI in india.Students able to know about the, decentralized planning in Assam ,Look-EAST Policy and various poverty alleviation programmes . |

BKYNB

Department of Education

Four Year Under Graduate Programme (FYUGP)

On completion of the program the students will develop an understanding about the role and importance of Education in life. It will help the students to know about the human psychology and also, they will be able to know the relationship between education and psychology, education and sociology etc. The students will be able to know the development of education from ancient to present period. They also will be able to know about human rights, value and peace education. Apart from these, the students will be acquainted with educational technology, emerging issues in education, environmental education etc. The program also will help the students about the uses of statistics in educational field. The students will also be able to know about the various aspects of development of the child or the individual. This programme will help the students to acquire knowledge about various aspects of teacher education. The programme will be helpful to create a section of good teachers on the basis of teacher education. They will also be able to understand educational management, educational measurement etc. The students will also be able to know some practical activity in psychological as well as statistical aspects. The students will also learn how to undertake research activities and also able to know about the importance of research in education. The students also will be able to learn various techniques of stress management and benefits of yoga and meditation through life skill education. Overall, the programme will help in the development of a good personality in the students.

| Paper Code | Class/Semester | Course Outcome |
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| Principles of Education (EDU0100104) | BA 1 st Semester (Major/Minor) | <ul style="list-style-type: none">• On completion of the course the students will be able to know the meaning, types and principles of education.• Students will be able to get acquainted with the concepts like different aims of education, curriculum democracy, disciplines, freedom and so on.• Students will be able to have knowledge about the different aims of education and its application in educational setting.• The students will be able to understand the democratic ideals and set up of education. |
| Educational Psychology | BA 2 nd Semester (Major/Minor) | <ul style="list-style-type: none">• On completion of the course the students will be to understand the relationship between education and psychology.• The students will be able to explain the need of educational psychology in teaching learning process. |

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| | | <ul style="list-style-type: none"> • They will be able to describe the nature and theories of learning and role of motivation in learning. • They will be able to understand the concept of memory, forgetting, attention and interest. • The students will be able to understand intelligence, its theories, and measurement and acquaint themselves with different types of personality and the adjustment mechanism. • They will be able to understand the types of exceptional children and significance of individual differences in a classroom. |
| Educational Sociology | BA 3 rd Semester (Major/Minor) | <ul style="list-style-type: none"> • After completion of the course the students will be able to understand the concept and nature of sociology. • They will be to analyze the relationship of sociology with education. • They will be to understand the concept and nature of culture. • The students will be able analyze the relationship of culture with education. • The students will be able to understand the concept of socialization and its processes. • They will be able to explain the role of education on socialization. • They will be able to understand the concepts, nature and factors of social change. • The students will be able to explain the role of education on social change. • They will be able to understand the concept and nature of social group and its types. • The students will be able to analyze the difference between social group and crowd. |

Programme outcome (CBCS)

programme outcome examines what a program or process is to do, achieve, or accomplish for it's own improvement or in support of institutional goals. Every program should help in providing direction for creating program outcomes through establishing the vision purpose, and goals. The programme outcomes of B.A. in Education (Honours) are stated below:

1. On completion of the programme the students will develop an understanding of the concepts and major principles of Education.

2. The students will be able to know the different the importance of psychology in Education.
3. They will be able to understand the psychological aspects of human being.
4. They will be able to employ critics thinking and efficiency in problem solving abilities.
5. They will have an ability to work effectively in diverse field of Teaching Learning process.
6. The students will have an understanding about the Relationship of Education with philosophy and Sociology.
7. They will know the historical perspectives of Indian Education.
8. They will be able to know about the use of technology in Education and also will be able to understand the various scientific and psychological methods of Teaching.
9. The students will understand the need and importance of value and peace education for a better world.
10. They will able to know about the contributions of the great educational thinkers in the field of education.
11. The students will understand the uses of statistics in different field the oritically as well as practically.
12. They will have an understanding about the emerging issues in Education and in the society.
13. They will develop an understanding on measurement and evaluation process in Education.
14. They can understand the need and importance of guidance and counselling in various aspects of life.
15. The students will learn how education is restated helps in the development of an individual.
16. The students will learn the various steps to the research and they will develop a positive towards research work.
17. The students will be able to know au understand the developmental processes of an individual from prenatal stage to adolescence period.
18. They can know about the education of teacher, such as-pre-service and in-service training.
19. They will understand the need and importance of a sound mental health.
20. They will know the techniques of good management in educational field.
21. They will develop various skills such as - public speaking, biodata-writing, fancing interview etc.
22. Overall the programme will help in the development of a good personality in the students.

Course – CBCS

| Paper Code | Class/Semester | Course Outcome |
|---|----------------|---|
| 1016 Principal of Education | Semester I | The students will able to know about the principles of education, curriculum, Aims of education, discipline, Freedom and democracy in Education. |
| 1026 Psychological Foundation of Education | Semester I | This course will help the students to know about human psychology as well as learner's Psychology. It will help to the various mental aspects, i.e. - motivation, attention, interest, memory, intelligence, creativity and it will also help to know about Personality. The paper also will help to know practically about some mental aspects. |

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| 2016 Philosophical and sociological Foundation of Education | Semester II | The students will be able to know the relationship of philosophy and Education. It will make an understanding of educational implications of different western and India school as philosophy. It will develop understanding about educational Sociology, Social groups and socialization. |
| 2026 Development of Education in India - I | Semester II | The students will be able to learn about the history of Indian Education from ancient to modern period. |
| 3016 Development of Education in India - II | Semester III | The students will be able to know about the recommendations of the various commissions of Indian Education after independence. |
| 3026 Educational Technology and Teaching methods | Semester III | This paper/course will help the students to acquaint with the innovations in the field of education through technology and various methods and devices of teaching. |
| 3036 Value and peace Education | Semester III | The students will learn different types of values, They will learn about the importance of value and peace education. They will learn about the role of teachers in the development of values and Peace among the students. |
| 3014 Public Speaking Skill | Semester III | The students will be trained on public speaking. They will be able to know about the different qualities of a good public speaker. |
| 4016 Great Educational Thinkers | Semester IV | The students will be able to learn the philosophy of life of different educational thinkers and their works. They will learn about the Contributions of the great educators in at the present day content. |
| 4026 Educational Statistics & Practical | Semester IV | The students will be able to develop basic concept of statistics, graphical representation and measures of central tendency and variability and their uses in Education. |
| 4036 Emerging Issues in Education | Semester IV | It will enable the students to acquaint with major emerging issues national, state and local. |
| 4014 Writing Biodata & Facing Interview | Semester IV | This course will help the students to prepare a proper bio-data for various purposes. The students will be able to know about the skills to face an interview. |
| 5016(CORE) Measurement and Evaluation in Education & practical | Semester V | This paper will help to enable the students to understand the concept of measurement and evaluation in Education. They will know the procedure of Test construction. They will know about personating test theoretically as well as practically. |

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| 5026 (CORE) Guidance and Counselling | Semester V | It will help the students to understand the concept of Guidance and Counselling types of Guidance and importance of guide and counselling |
| 5026 HE (SSE) Developmental psychology. | Semester V | Enable the students to understand the basic concepts relating to development. The students will be able to acquaint about heredity and environmental factors affecting pre-natal developments. This paper will help them to understand the developmental aspects from infancy to adolescence period. |
| 5046 HE(DSE) Teacher Education in India | Semester V | The students will be able to know the concept, scope, Aims & objectives and significance of teacher education. It will acquaint the students with the development of teacher education, innovative trends, recent issues in teacher education. It will help in understanding and conceive the qualities, responsibilities and professional ethics of teachers. |
| Edn HC 6016 Education & Development | Semester VI | After completion of this course the learner will be able to learn/know/understand about - Relation between education and development. - Educational development in the post globalization era. - Role of education in community, human resource development. - Role of education in Economic and political awareness. |
| Education HC 6026 Project | Semester VI | After completion of this course the students will Learn to: - Explain the process of Conducting a project. - Prepare a project Report. |
| Education HC 6016 (DSC) Mental Health & Hygiene | Semester VI | This course will help the learn to: - Acquaint with the fundamentals and devt. of mental health, the characteristics as a mentally healthy Person. - Understand the concept and importance of mental hygiene. - Acquire knowledge about the principles, factors promoting mental health and role of home, school and society in maintaining proper mental health. - Learn the meaning and problems of adjustment/adjustment mechanisms, positive psychology, Role of WHO and stress management. |
| Edn - DSC-6036 HE Educational Management | Semester VI | After completion of this course the students will be able to know: - Develop an understanding of the basic concept of educational management. - Enable the students to know about the various resources in education. - Enable the students to understand the concept and importance of educational planning. - Enable the students to know about the financial |

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| | | resources and financial management in education. |
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Department of Education

Programme outcome

Major Course and General Course

Every programme has a vision, purpose and goal and is directed towards accomplishing these thorough proper plans and strategies which measures its outcome. In other programme outcome examines what a program is to do, achieve for it's own improvement and in support of institutions goal. The programme outcomes of UG B.A. Education (Major) are stated as follows:

1. After completion of the course programme the students will develop an understanding of major concepts, theoretical principles and foundation of Education.
2. The students will be able to the psychological Theories, methods and principles which are necessary in education.
3. The students will have ability to work in the different fields of Teaching-learning process.
4. They will be able to employ critical thinking and efficiency in problem solving ability.
5. They will be able to know the relationship of Education with psychology, philosophy and Sociology.
6. They will be aware about the environmental and population related problems.
7. The students will be able to know the historical perspective of Indian Education.
8. They will have ability to understand human psychology from infancy to adulthood.
9. They will know the means of preservation of their mental health.
10. The students will be able to understand the need and importance of National Integration and international understanding.
11. They will be able to understand about various kinds of human values.
12. The students will develop the knowledge of application of statistics in education and psychology.

Course – Non CBCS

| Paper Code | Class/Semester | Course Outcome |
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| 1.01: Foundation of Educational Theories and Principles | Semester I | Provide an introduction and understanding about the philosophical foundation and principles of Education. |
| 1.02: Educational psychology | Semester I | Develop understanding with principles, scope, theories and methods of educational Psychology. |
| 2.01: | Semester II | To develop an understanding about the comparison |

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| Development of Education in India | | between ancient and modern educational aspects. |
| 2.02: Sociological Foundation of Education | Semester II | Provide an understanding about the processes of social interaction, relationship between society and Education and role of education the development of the Educational aspects of society. |
| 3:01: Emerging Issues and Education | Semester III | The paper will provide an understanding about various emerging issues in Education like universalization of primary education, various literacy programmes, women empowerment, Human Right, National Integration, International understanding, globalization, Life Skill edn, peace edn etc. |
| 3.02: Measurement and Evaluation in Education | Semester III | Develop an understanding about the teams of different educational measurement, Scientific methods and importance of Evaluation in the field of Education. |
| 4.01: Educational Technology | Semester IV | Students will acquire knowledge on educational technology and its importance in modern education. |
| 4.02: Environmental Education and population Education | Semester IV | Provide an understanding Environment about the about the various. problems of the environment and it's relation with population growth, causes of environmental problems, Role of Education in solving the problems related to environment and population growth. |
| 5.01: Philosophy of Education | Semester V | Make an understanding of Philosophical basis of education and it will develop an idea about western and Indian philosophy. |
| 5.02: Educational Thinkers-oriental and occidental | Semester V | To make and understanding on different philosophies of the educational Thinkers and their contribution to the present day's education field. |
| 5.03: Teacher Education | Semester V | To enable the learner about the concept, aims, scope and development of teacher education. The students will also know about the importance of in-service and pre-service Teacher training. |
| 5.04: Teaching - Learning Method & Pedagogy | Semester V | The students understand the teaching-learning process and its various aspects, maxims and teaching models. It also helps the students to develop a positive attitude towards teaching profession. |
| 5.05: Statistics in Education | Semester V | The students can understand the basic concepts of statistics and the statistical methods/procedures used in education. |
| 5.06: Practical Paper | Semester V | This paper helps the students in the development of practical knowledge through the psychological |

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| | | experiments. The students can earn knowledge about various mental aspects of human being. |
| 6.01: Developmental Psychology | Semester VI | This paper helps the students to know the process of development from pre-natal stage to adolescence. |
| 6.02: Continuing Education and Distance Education | Semester VI | It can help to know about the various means of distance learning. The students also can understand the need and importance of non-formal education. |
| 6.03: Special Education | Semester VI | The students will be able to know about the special children along with the special provisions of education for them. |
| 6.04: Guidance and Councelling | Semester VI | This course is helpful for the students to know about the various types of guidance. They also will understand the need of guidance and councelling. |
| 6.05: Educational management and Administration | Semester VI | The students will understand the basic concept and techniques of management and administration in educational field. |
| 6.06: Project Paper | Semester VI | Through this paper the students will know about the process or steps of research. They will know how to prepare a research paper or a project. |

Department of History

Bachelor Programme in History

Four Year Under Graduate Programme (FYUGP)

& Choice Based Credit System (CBCS)

Programme Outcome and Course Outcome (Both HC and HG RE)

Programme outcome: The programme basically deals with the evolution of mankind and their social formation in the world. It also covered the whole history of the world from pre-history to present day. This course will prepare the students for higher education in history and for any competitive examinations.

| Year | Semester | Course Title | Course Code | Course Outcome |
|----------------------|---|--|--------------------|---|
| 1 st Year | 1 st Semester (Major/Minor) | History Of India (Up To 1206 CE) | HIS0100104 | This paper provides a general idea on the evolution of early of early india from the Mahajanapada Mauryan empire, the Gupta period to the early mediaeval India covering all aspects of politics, administration, society, economy and culture. |
| | 2 nd Semester (Major/Minor) | History of India 1206- 1757 CE | HIS0200104 | The learners will have a comprehensive knowledge on various aspects of the Mughal empire including the establishment of Mughal rule and its pan Indian expansion, the religious experiments of Akbar, the decline during the time of Aurangzeb, along with other Socio- Economic and administrative aspects like the Jagirdari and the Zamindari system, Mughal and Indo- Islamic architecture etc. |
| | 3 rd Semester | History of India – III (C – 750 – 1206) | HIS – HC - 3016 | The paper will be completed with 5 lectures and 1 tutorial per week. The completion of this paper will enable the students to relate and explain the developments in India in its political and economic fields. They will also be able to analyse India's interaction with another wave of foreign influence and the changes brought wake in the period. |
| | 3 rd Semester | Rise of the Modern West – I | HIS – HC - 3026 | The course will be completed through 5 lectures and 1 tutorial per week. After completion, the Student will be able to explain the major trends and developments in the Western world between the 14th to 16th Century. They |

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| | | | | will be able to explore and analyse the Significant historical shifts and events and the resultant effects on the civilisations of Europe in the period. |
| | 3 rd Semester | History of India – IV (C - 1206 – 1550) | HIS – HC - 3036 | The course will be completed through 5 lectures And 1 tutorial per week. After completion of this course, students will be able to explain the political and administrative history of medieval period of India from 1206 to 1550 AD. They will also be able to analyse the sources of history, religion variations, social, cultural and economic setup of the period. |
| | 3 rd Semester | History of India – (C – 1757 – 1947) | HIS – HG - 3016 | The paper will be completed with five lectures and 1 tutorial per week. After completion of this course, students will be able to understand the major factors that led to the establishment and consolidation of British rule in India. They will also be able to identify the process of growth of resistance against British Colonial rule and the growth of Indian nationalism movement and as a result the British rule had ended in India. |
| | 3 rd Semester | Historical Tourism in North-East India | HIS – SE - 3014 | The course will be completed through 3 lectures and 1 tutorial class per week. After completing this course, students will be able to explain Tourism in North-East India with special reference to the historical movements, cultural and ecological elements and places of the North-East India. Students will be able to gather much more knowledge about the historical places. |
| | 4 th Semester | Rise of the Modern West – II | HIS – HC - 4016 | The course will be completed with five lectures and 1 tutorial per week. After the completion of this course, the student will be able to explain the political And intellectual currents in Europe in the Modern Age. They will also be able to relate the circumstances. and casual factors of the intellectual and revolutionary currents of both Europe and America at the beginning of the Modern Age. |
| | 4 th Semester | History of India – V | HIS – HC - | The course will be completed with five |

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| | | (1550 – 1605) | 4026 | lectures and 1 tutorial per week. After the completion of this course, the students will be able to analyse the circumstance and historical shifts and foundations of variety of administrative and political set up in India between C-1550-1605. |
| | 4 th Semester | History of India – VI (1605 - 1750) | HIS – HC - 4036 | The course will be completed with 5 lectures and 1 tutorial per week. After the compilation of this course, the students will be able to explain and reconstruct the linkages of the history of India under the Mughal Rule. After all, the students will be able to know about economic and religions condition of the people of Medieval period in India. |
| | 4 th Semester | Social and Economic History of Assam | HIS – HG - 4016 | The course will be completed with 5 lectures and 1 tutorial per week. After the completion of this course the students will be able to explain the social and economic history of ancient and medieval Assam. They will be able to gather much more knowledge about the society and economy of Colonial Assam. |
| | 4 th Semester | Oral Culture and Oral History | HIS – SE – 4014 | The paper will be completed with 3 lectures and 1 tutorial per week. After the completion of this course, the students will be able to explain the events in the contest of broader social and cultural framework of the socialist through memory and use oral history to preserve oral culture and local history. They will also be able to expose the reference to the North-Eastern Region of India with its diverse culture and ethnic communities whose history is largely oral. They will be able to use public memory as a tool and source not only write public history but also to explore new knowledge in The Humanities, Social Science and other discipline like Architecture, Communication, Gender, English, History, Philosophy, Political Science, Religion and Sociology. |
| | 5 th Semester | History of Modern Europe – I | HIS – HC - 5016 | The course will be completed with 5 lectures and 1 tutorial per week. After the completion of this paper the student |

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| | | (1780 – 1939) | | will be able to evaluate the historical evolution and political development that occurred in Europe in the period between 1780 to 1939. They will also know about the evolution of Social classes, Nation States, evolution of Capitalism and nationalist sentiment in Europe. |
| | 5 th Semester | History of India VII (1780 – 1857) | HIS – HC - 5026 | The course will be completed with 5 lectures and 1 tutoring per week. After the completion of this paper, the students will be able to relate the Circumstances leading to the Consolidation of Colonial rule over India and their results. They will know about the indigenous population and the masses. The course will also enable the students to analyse popular uprisings among the tribal, peasants and common people against the British policies. |
| | 5 th Semester | History of Assam (upto 1228) | HIS – HE - 5016 | The course will be completed with 5 lectures and 1 tutorial per week. By completing this paper, the students will be able to know about the general outline of the history of Assam from earliest times to the advent of the Ahom in the 13 th century. As a whole, they will know about the major stages of development in the political, Social and Cultural history of Assam during the early time. |
| | 5 th Semester | History of Assam (1228 – 1826) | HIS – HE - 5026 | The course will be completed with 5 lectures and 1 tutorial per week. After the completion of this paper the students will be able to understand the major stage of development in the political, social and cultural history of Assam during medieval times. The students will know how Assam was occupied by the Eng East India Company. |
| | 5 th Semester | History of Assam (From earliest time to – 1826) | HIS – RE - 5016 | The course will be completed with 5 lectures and 1 tutorial per week. After completion of this course, the students will be able to know about the legendary Kings and the rule of some historical dynasties such as Barman, Shalstambha and paul. They will also |

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| | | | | know about the coming of the Ahom into Assam and their rule and the intervention of the British in the politics of Assam leading to the treaty of Yandabu in 1826. |
| | 6 th Semester | History of India VIII (1857 – 1950) | HIS – HC – 6016 | The course will be completed with 5 lectures and 1 tutorial per week. At the completion of this course, the students will be able to analyse the course of British Colonial exploitation, the Social mobilizations during the period between 1857 to 1950 and also the techniques of Indian resistance to British policies. |
| | 6 th Semester | History of Modern Europe – II (1780 – 1939) | HIS – HC – 6026 | The course will be completed with 5 lectures and 1 tutorial per week. After the completion of this course, the students will be able to analyse the historical developments in Europe between 1780-1939. As the course structure of this paper focuses on the democratic and socialist foundations of modern Europe, the students will be able to situate the historical development of working class movements. |
| | 6 th Semester | History of Assam (1826 – 1947) | HIS – HE – 6016 | The course will be completed with 5 lectures and 1 tutorial per week. After completion of this course, students will be able to describe the period of British rule in Assam after its annexation by the imperialist forces. They will also know the development of nationalism in Assam and the role of Assam in the freedom struggle as well as the Political and Socio-economic developments in Assam during the Colonial period. |
| | 6 th Semester | Assam Since Independence | HIS – HE – 6026 | The course will be completed with 5 lectures and 1 tutorial per week. After completion of this paper, the students will be able to evaluate the aftermath of partition and Other Socio-economic development in post-independence Assam. They will also know the political and socio-economic development in Assam after the independence of India. |
| | 6 th Semester | History of Assam | HIS – RE – | The course will be completed with 5 |

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| | | (1826 – 1947) | 6016 | lectures and 1 tutorial per week. After the completion of this course, the students will be able to know about the coming of the British into Assam and their Administrative system. They will also know about the early anti British uprising and peasant movements. They know about the freedom. They will also know about the freedom movements of India and the role played by the people of Assam. |
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Department of History

Bachelor Programme in History

Programme Outcome and Course Outcome (Both Major and General)

Bachelor Programme in History:

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| Programme Outcome | The Programme basically deals with past events written in a chronological order and relating to the present. It provides sound knowledge of different historical period in each semester is studied with a definite emphasis on Modern research and trends. The syllabus provides a student new insights into various fields such as Literature, Political ideas, Economic Planning and Cultural form. Inclusion of courses dealing with the development of archaeology and museum can enhance the vision of the students and develop skills. This course prepared students for higher studies in history, archaeology, cultural studies and mass communication etc and any competitive examination including civil service. |
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Programme Outcome and Course Outcome

Department of History

Non CBCS

| Year | Semester | Course Title | Paper Code | Course Outcome |
|----------------------|--------------------------|--------------------------------|---------------|--|
| 1 st Year | 1 st Semester | Introduction to History | HIS – M – 1.1 | The course will be needed 5 lecture and 1 tutorial to complete. After the completion of this course, the students will be able explain the meaning and scope, categorization, history and other disciplines and traditions of historical writings. |
| | 1 st Semester | History of India upto A.D. 300 | HIS – M – 1.2 | The course will be completed with 5 lecture and 1 tutorial per week. After the completion of this course, the students will be able to know about the |

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| | | | | Geographical background and Source pre-history, proto-history, early history of India, State formation in 6 th Country B.C., Mauryan and post Mauryan development and Sangam Age. |
| | 1 st Semester | History of India 300 AD – 1200 AD | HIS – M – 2.3 | The course will be needed 5 lecture and 1 tutorial per week. After completing the course the students will be able to know about the Gupta Age, developments of Arts, Architecture and literature, Post Gupta period, rise of regional powers and foreign invasions of India. |
| | 2 nd Semester | History of ancient Civilisation of the World | HIS – M – 2.4 | This course will be needed 5 lecture and 1 tutorial per week. After the completion of this course the students will know about the history of Ancient Egypt, Ancient Mesopotamia, Chinese Civilisation, Ancient Greece and Ancient Roman. |
| | 3 rd Semester | India under the Turko-Afgans | HIS – M – 3.5 | With 5 lecture and 1 tutorial this course will be completed. After completing the course, the student will come to know about the foundation and consolidation of the Sultanate and Regional kingdoms, State Society and Economy and rise of Afgans. |
| | 3 rd Semester | History of Assam (5 th Century BC to 1228 AD) | HIS – M – 3.6 | This course will take 5 lecture and 1 tutorial to be completed. After the completion of this course the students will be able to explain completed. After the completion of this course the students will be able to explain the sources of the History of Assam. They will also come to know about the Society, Economy and Religion. They will know about the rule of Varman, Salstambha and Pala dynasties and the political condition of Assam of the post Pala. |
| | 4 th Semester | India Under the Mughals | HIS – M – 4.7 | This course will need to complete 5 lecture and 1 tutorial per week. After the completion of this course the students will come to know about the advent of the Mughals and Struggle to existence and to consolidation and territorial expansion of the Mughals. Their relation with the Rajputs, Sikhs |

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| | | | | and the Marathas. They will also know about Mughal administration, Land revenue, Mansabdary, Zamindary and Jagirdary system. More over, the students will know about the religions policy of Akbar and Aurangzeb, Society and Economy and trade and commerce under the Mughals. |
| | 4 th Semester | History of Europe (1453 – 1789) | HIS – M – 4.8 | The Course will take 5 lecture and 1 tutorial per week. After completing the course the students will come to know about the transition of Europe from medicaval to modferm age, Renaissance and its impact on Europe, thirty years war, Rise of Prussia, Austria and Russia. |
| | 5 th Semester | India under the East India Company | HIS – M – 5.9 | It will take 5 lecture and 1 tutorial per week to complete the course. After the completion of this course, the students will come to know about the political, economic changes in mid 18th century, Tools of British expansion, Consolidation of British rule in India, impact of colonial rule on rural economy, popular resistance to company's rule and the revolt of 1857. |
| | 5 th Semester | History of Assam (1228 – 1826) | HIS – M – 5.10 | The paper will be completed with 5 lecture and 1 tutorial per week. After the completion of this course, the students will come to know about the Sources of the history of medieval of Assam, Ahom-Mughal conflicts, zenith of the Ahom rule and internal dissension. Besides, They will know about Society, Economy and Religion of Assam. |
| | 5 th Semester | History of Europe (1789 – 1870) | HIS – M – 5.11 | To complete this course 5 lecture and 1 tutorial will be needed. After the completion of this course, the students will come to know about the French Revolution of 1789, Rise and fall of Napoleon, the Vienna Congress and unifications of Italy and Germany. |
| | 5 th Semester | History of Science and Technology in Pre Colonial India | HIS – M – 5.12 | This course will take 5 lecture and 1 tutorial to complete. After the completion of this course, the students will able to know about stone age, technology, iron age Culture, early |

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| | | | | development in science and technology. |
| | 5 th Semester | History of Great-Britain (1485 – 1820) | HIS – M – 5.13 | The course will take 5 lecture and 1 tutorial to complete. After the completion of this course, the students will come to know about England under The Tudors and Stuarts, Constitutional development and industrialization and its social impact England. |
| | 5 th Semester | History of China (1839 – 1949) | HIS – M – 5.14 | The course will take 5 lecture and 1 tutorial to complete. After completing this course, the students will be able to know about China in the 19th century, opening of China, population and reform movements, Emergence of nationalism and growth of communism in China. |
| | 6 th Semester | India under the Crown | HIS – M – 6.15 | The course will take 5 lecture and 1 tutorial to complete. After the completion of this course the students will come to know about the administrative changes after 1857, Cultural awakening in the 19th century, causes of the rise of nationalism among the Indians. They will also know about the national movement under the leadership of Gandhi and the independence and partition of India in 1947. |
| | 6 th Semester | History of Assam (1826 – 1947) | HIS – M – 6.16 | The course will take 5 lecture and 1 tutorial to complete. After completing this course, the students will come to know about the advent of the British and the administrative re-organisation under David Scott. They will also know about early anti-British and territorial expansion and changes in economic Structure. They will be able to know about the causes of political awakening and the formation of public associations in Assam. |
| | 6 th Semester | History of Europe (1871 – 1945) | HIS – M – 6.17 | The course will take 5 lecture and 1 tutorial to complete. After completing the course the students will know about the internal development of France and internal problems of Russia up to 1917. They will also know about the Crisis of the 1st World War and the achievements of the League of Nations |

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| | | | | and its failure. Besides, they will know about the origin of 2nd World War. |
| | 6 th Semester | World Since 1945 | HIS – M – 6.18 | The course will take 5 lecture and 1 tutorial per week. After the completion of this course the students will be able to explain the structure of the U.N.O. and its difference with the League of Nations Cold War. They will also be able to explain about conflicts in the middle East. |
| | 6 th Semester | History of Japan (1853 – 1941) | HIS – M – 6.19 | The course will take 5 lecture and 1 tutorial per week. After the completion of this course the students will be able to explain the rule of Tokugawa Shogunate. They will also come to know Meiji restoration, emergence of Japan as a world power. |
| | 6 th Semester | Project Paper | HIS – M – 6.20 | The students were given various topics to prepare project such as Shivadal, Kamakhya Temple, Sannasi Hill, Bageswari Temple of Bongaigaon and Socio-economic condition of Bongaigaon district. As the students themselves prepared the project so they gathered vast knowledge on the topics. |
| | 1 st Semester | Early India upto 1200 AD | HIS – G – 1.1 | The course will take 5 lecture and 1 tutorial per week. After the completion of this course, the students will be able to understand about the Harappan Culture and The Rise of the Janapadas and Mahajanapadas. They will know about the teachings of Buddhism and Jainism, invasions of Alexander and its results, administrative system of the Mauryas. They will be able to gather knowledge about the Gupta Empire and other regional powers such as the Cholas, Pallavas and the Chalukyas. |
| | 2 nd Semester | Early Assam Upto 1228 AD | HIS – G – 2.2 | The course will take 5 lecture and 1 tutorial per week. After the completion of this course, the students will be able to know about the Literary and Archaeological source of Ancient Assam. They will know about Society, Economy and the Religion of Ancient Assam. Besides, They will know about the Varman, Salastambha and Pala dynasty. |

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| | 3 rd Semester | History of India (1206 to 1526) | HIS – G – 3.3 | The course will take 5 lecture and 1 tutorial per week. After the completion of this course, the students will be able to know about the foundation and consolidation of the Sultanate. More over, They will be able to explain how provincial Kingdoms such as Gujrat, Bengal and others developed. They will know about Bhakti and Sufi Movement as well as agriculture, trade and commerce of medieval India. |
| | 4 th Semester | History of Assam (1228 – 1826) | HIS – G – 4.4 | The course will be completed with 5 lecture and 1 tutorial per week. After the completion of the course the students will be able to explain how the Ahom Kingdom was established in Assam. They will know about the Kingdom of Kamrup, Kamata and emergence of Koch-power. More over, They will know about the rule of various Ahom Kings along with the causes and results of Moamaria uprising and Burmese invasions. |
| | 5 th Semester | History of India (1757 - 1857) | HIS – G – 5.5 | The course will be completed with 5 lecture and 1 tutorial per week. After the completion of the course, the students will be able to analyse the political and social condition of India on the eve of the advent of British, establishment and Consolidation of the British rule in India. They will also know about the administrative reform of Warren Hastings, Cornowallis, Bentinck and expansionist policies of Governor General. |
| | 5 th Semester | History of Europe (1815 – 1945) | HIS – G – 5.6 | The course will be completed with 5 lecture and 1 tutorial per week. On completion of this course, the students will come to know about the Concert of Europe, Revolution of 1830 and 1848 and The Unification of Italy and Germany. They will also know about the formation of Tripple Alliance and Tripple Entate and The Russian Revolution of 1917, Causes of the 1st World War, League of Nations and its achievements and failures. |
| | 6 th Semester | History of India | HIS – G – | The course will be completed with 5 lecture and 1 tutorial per week. After the |

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| | | (1857 - 1947) | 6.7 | completion of the course, the Students will be able to understand about the administrative changes of the British, Queen's proclamation and the administrative reforms of some Governor-Generals. They will also know about the some religious organisations, National awakening and National movements. |
| | 6 th Semester | History of Assam (1826 - 1947) | HIS – G – 6.8 | The course will be completed with 5 lecture and 1 tutorial week. After the completion of this course, the students will be able to know about the advent of The British Company, administrative system of David Scott. They will also know about the anti-British uprisings, revolt of 1857, British territorial expansion and National movement in Assam. |

Department of Mathematics

Course and Programme Outcome

CBCS

Programme outcome:

The Bachelor programme in Mathematics creates the natural ability among the students to understand and view a mathematical structure such as graphical presentation, membership value (Fuzzy set) presentation of something what so ever which is very much useful for research paper (work) approaching nobody specialist for the same as we often see.

Programme specific outcome:

In CBCS when we can offer a student the curriculum of Mathematics along with the subject History, it has been very much useful for the students to attempt the various competitive examinations as well as for approaching a multidimensional career.

Course outcome:

The present curriculum of Mathematics is well balanced of pure mathematics (Classical Algebra, and Linear Algebra and their application; Real analysis and complex analysis, Basic courses of topology and Functional analysis etc.) applied Mathematics (Differential and integral Calculus; ordinary and partial differential equations and the theory of integral transforms; Statics and hydrostatics etc) and Computer Science (Computer Algebra System and Related software, R Programming, Programming in C etc.)

Department of Mathematics CBCS

Course Outcome

Department of Mathematics

General Course

| Paper Name | Course Title | Course Code | Course outcome |
|-----------------------|--------------|-------------|--|
| 1 st paper | Calculus | MAT-HG-1016 | <ul style="list-style-type: none">• Gain Knowledge of graph of polynomial, Trigonometric Exponential and logarithmic functions.• Learn about limit and continuity of function.• Students will be to understand Differentiability, Successive differentiation and Leibnitz theorem.• Gain concept of Rolle's theorem and Lagrange's Mean Value theorem and |

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| | | | <p>their geometrical Interpretation and their simple application</p> <ul style="list-style-type: none"> • Students also learn Function of two or more variables, Graphs and Level Curves of functions of two variables. |
| 2 nd paper | Algebra | MAT-HG-2016 | <ul style="list-style-type: none"> • Gain concept of Fundamental theorem of Algebra • Students also learn to find relation between roots and coefficients of nth degree equation, Remainder and Factor Theorem and their application. • Gain concept of De Moivre's theorem and learns to find solution of equation using De Moiver's theorem • Students learn about different types of Matrices, Rank of matrix. • Understand about Groups, sub groups, Rings and gain concept of Euler's theorem. • Learn about Vector Space and its dimension |
| 3 rd paper | Differential Equation | MAT-HG-3016 | <ul style="list-style-type: none"> • Learn about First Order Exact Differential Equation, Integrating factor and Rules to find integrating factor • Gain concept of Bernoulli equation, Linear equation and Orthogonal trajectories. • Students learned the basic theory of higher order Linear Differential Equations • Learned solving differential equation by reducing its order • Understand Second Order linear Differential equation and learn to solve such equation |
| 4 th paper | Real Analysis | MAT-HG-4016 | <ul style="list-style-type: none"> • Gain knowledge of Order completeness of Real numbers, Open and closed sets. Learns about Algebra of limits, Uniform continuity. • Gain concept of Sequences, Convergent and Cauchy sequences, |

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| | | | <p>Subsequences, Limit of bounded sequence, increasing and decreasing sequences.</p> <ul style="list-style-type: none">• Learns about Infinite series and their convergences, D'Alembert's ratio test, Raabe's test, Absolute and conditional convergence. |
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BYNMB

Department of Philosophy

Programme Outcome: -The main objective of Philosophy course is to tact some ultimate question so far as enable students to lead more sustainable meaningful and worthy life. The programme develops introspective thinking, analytical abilities of the students and gives an awareness of a duty to work for justice, compassion and peace. Since topic on Ethics, Psychology, Logic, 20th century Philosophy and many more present day relevant philosophical thought are all included in the syllabus, the students are expected to acquire deep understanding of present relevant philosophical thought which can help in research and make eligible for higher studies. Moreover, the philosophy course prepare the students for variety of carrier in the field like Judiciary, Government, education, social worker etc. And also helps the students to appear in different competitive examination such as APSC, UPSC, and Banking etc. and in private sector jobs.

COURSE OUTCOME OF FYUGP :-

| Year | Semester | Course Title | Course Code | Course Outcome |
|----------------------|--|------------------------|-------------|---|
| 1 st Year | 1 st Semester (Major/Minor) | Ancient Indian Thought | PHI0100104 | It will give the Comprehensive Knowledge and teaching about the ancient Indian Thought specially Manushamhita, Samhita ,Ramayana, Mahavarata, Purana and three Non-vedic system of Indian Philosophy. |
| | 2 nd Semester (Major/Minor) | Greek Philosophy | PHI0200104 | A student will be acquainted with the starting contend and areas of thought of early Greek Philosophy |

COURSE OUTCOME OF CBCS AND NON CBCS:-

| PAPER CODE | CLASS/SEMESTER. | COURSE OUTCOME OF CBCS COURSE. |
|------------------------------|------------------------------------|---|
| 1016 (Indian Philosophy –I) | B.A. 1 st semester H.C. | C.01- Helps student to know the spiritual aspect of human life. C.02- Helps student to know the way of attaining liberation. C.03 – It helps student to know the destiny of human life. |
| 1026 (Logic-I) | B.A. 1 st semester H.C. | C.01 – It helps student acquainted the principle for correct and Valid reasoning Which are essential for our day to day life. C.02- It also help us to clarify our thoughts. We can get rid of superstition, doubt, emotion etc. |

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| 2016 (Greek Philosophy) | B.A. 2 nd semester H.C. | C.01- Helps student to acquaint with the pre-Socratic Philosopher and their doctrine such as water, Philosophy of Thales, Atomism of Democritus, Number theory of Pythagoras. Moreover it also seeks to acquaint student with the Philosophy of sophist, Socrates method and his concept of virtue, Plato theory of ideas, Knowledge and opinion, Aristotle's potentiality and Actuality, Form and Matter. |
| 2026 (Logic –II) | B.A. 2 nd semester H.C. | C.01- Student will be acquainted with the nature and development of Symbolic logic as well as uses of symbols in logic, the concept of variables and constant, the concept of Truth table and Truth function, the construction of truth tables. C.02- Student also learn how to translate ordinary sentence into a strict logical form and to know the technique of formal proof of validity of an Argument , Modern classification of proposition and the symbolization of universal and existential proposition. |
| 3016 (Western Philosophy - Descartes to Hegel) | B.A. 3rd semester H.C. | C.01- Student will know the theistic view of universe, different theories of Mind-Body relation. C.02- student will know the Empiricist philosophy of Locke, Berkeley, Hume and student will know Kant's and Hegel's philosophy. |
| 3026 (Indian Philosophy) | B.A. 3rd semester H.C. | C.01- Student will be able to comprehend the Epistemology and Meta –physics of Nyaya – Vaisesika. |
| | | C.02- Understand Samkhyas theory of evolution and Patanjali's Astangika Yoga. C.03- Comprehend the Vedanta philosophy of Sankara and Ramanuja. |
| 3036 (Ethics) | B.A. 3rd semester H.C. | C.01- The student will be acquainted with the meaning, nature and scope of Ethics and the relationship of Ethics with other discipline of study. Object of moral judgement and moral obligation, the postulate of morality. C.02- Help students to know what is right and what is wrong. It develops the skill articulating the moral values. C.03- Student will be acquainted also Indian Ethical concept such as law of karma, Asrama, Dharma, Buddhist Pancasila, and Jaina Triratna. |

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| PHI-HC-4016 Contemporary Indian Philosophy) | B.A. 4 th semester, H.C. | C.01- Student will aware about the philosophical thoughts of different contemporary Indian Philosopher such as Aurobindo, Radhakrishnan, Gandhi and Vivekananda. C.02- Student also aware the traditional concept of liberation, way of getting liberation, the doctrine of Vedanta Philosophy in modified form. |
| PHI-HC-4026 (Philosophy of Religion) | B.A. 4 th semester, H.C. | C.01- Student will aware the concept of Religion and different viewpoint of Religion. C.02- Student also comprehend the concept of God, reason, faith, revelation, freedom of will, immortality of the soul. C.03- And also understand contemporary challenges to religion. |
| PHI-HC-4036 (Social & Political Philosophy.) | B.A. 4 th semester, H.C. | C.O.1-Understanding of social issues and expanding their personal concept, student will acquaint about the relationship between individual and society. Student also aware the present day situation of society, politics and the different challenges of present society. |
| PHI-HC-5016 (Analytic Philosophy) | B.A. 5 th semester, H.C. | C.O.1- Students will be acquainted with the concept and nature of Analytic Philosophy. C.O.2-It helps the student to know about the different method of the different Analytic Philosopher viz. Russell, Moore and Wittgenstein to comprehend the world. |
| PHI-HC-5026 (Phenomenology and Existentialism) | B.A. 5 th semester, H.C. | C.O.-1. After completion this course, students will understand the Husserl phenomenology and existential theories of Kierkegaard, Sartre, and Heidegger. |
| PHI-HE-5016 (Philosophy of Upanishad) | B.A. 5 th semester, H.C. | C.O.1- It helps students to understand the philosophy of Upanishad and its relation to the other system of Indian Philosophy. C.O.2- Student will be also acquainted with not only the practical field of Upanishad but also a guiding factor of human life. |
| PHI-HE-5026 (Philosophy of Gita) | B.A. 5 th semester, H.C. | C.O.1- The student will be acquainted with the philosophy of Gita with different philosophical concept of Karmavada, Ksetra-ksetrajana, Purusa-Prakriti, Svakarma, Svadharma, Yoga & liberation etc. |
| PHI-HC-6016. (Philosophy of Mind) | B.A. 6 th semester, H.C. | C.O.1- After completion the course, the student will be understand the fundamental concept and philosophical explanation of Mind. C.O.2- The student will know the different theories of the relation between Mind and Body. |

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| PHI-HC-6026. (Meta - Ethics) | B.A. 6 th semester, H.C. | C.O.1- Student will be understand about the concept and the subject matter of Meta – ethics. C.O.2- Student will be acquainted with the different ethical theories of Meta –Ethical philosopher viz. - G.E.Moore, A.J. Ayer, C.L.Stevenson, and R.M.Hare. |
| PHI-HE-6026 (Philosophy of Language) | B.A. 6 th semester, H.C. | C.O.1- The student will be acquainted the concept of philosophy of Language and with the major difficulties with the major contribution. |
| PHI-HE-6026 (Applied Ethics) | B.A. 6 th semester, H.C. | C.O.1- It helps student to know the meaning and importance of applied Ethics. C.O.2- The course deals with some moral issues and problems which has the importance in our day to day life. |
| PHI-HG/RC-1016. (General Philosophy) | B.A. 1 th semester | C.O.1- The student will be comprehend the basic concept and theories of philosophy. C.O.2- The student also comprehend the necessity and importance of philosophy in our day to day life. |
| PHI-HG/RC-2016 (Indian Philosophy) | B.A. 2 nd semester | C.O.1- Student will be acquainted with the different philosophical view of Orthodox and Heterodox school with their theory of causation, liberation, law of karma, Epistemology, Metaphysics and soul theory. |
| PHI-HG/RC-3016 (Ethics) | B.A. 3 rd semester | C.O.1- The students will introduce with the concept, principles of ethics and Indian Ethics which helps student to develop the moral thinking in daily life. |
| PHI-HG/RC-4016 (Logic) | B.A. 4 th semester | C.O.1- Student will be acquainted with the fundamental concept of Logic such as Proposition, Argument, Truth and Validity, Deduction, and Induction and Aristotle syllogistic method. C.O.2- Student parallelly will introduced with the symbolic logic, the utility of symbol and truth-table method for testing the validity. |
| PHI-RE-5016 (Cotemporary Indian Philosophy) | B.A. 5 th semester | C.O.1- Student will aware about the philosophical thought of different contemporary Indian Philosopher such as Aurobindo, Radhakrishanan, Gandhi and Vivekananda. |
| PHI-HG/RC-6016 (Philosophy of Religion) | B.A. 6 th semester | C.O.1- Students will aware the concept of different view point of Religion. C.O.2-Student will also comprehend the concept of God, Faith, Revelation, postulates of religion and different theories regarding the nature and existence of God. |

COURSE OUTCOME OFNON - CBCS COURSE -

| PAPER CODE | CLASS/SEMESTER. | COURSE OUTCOME OFNON - CBCS COURSE. |
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| M-104 (Logic –I) | B.A. 1 st semester. (Major course) | C.01- It helps student to acquaint the principle for correct and valid reasoning which are essential in their day to day life. |
| M - 105(Epistemology and Meta physics – I) | B.A. 1 st semester.(Major course) | It helps student to know the different epistemological and metaphysical theories. |
| 1 M-204 (Logic-II) | B.A. 2 nd semester.(Major course) | C.01- Student will be acquainted with the nature and development of Symbolic logic. The uses of symbols in logic, the concept of variables and constant, the concept of Truth table and Truth function, the construction of truth tables. C.02- Student also learn how to translate and ordinary sentence into a strict logical form ,the technique of formal proof of validity of an Argument , Modern classification of proposition and the symbolization of universal and existential proposition. |
| M-205 (Epistemology and Meta physics -II) | B.A. 2 nd semester.(Major course) | C.01- Student will understand the different theories of truth, categories of knowledge, Freedom and Determinism. |
| M- 304(Indian Philosophy –I) | B.A. 3 rd semester.(Major course) | C.01- Student will know the philosophical concept of human life in the special content of Carvaka, Buddha and Jaina Philosophy. C.O.2- It's also help student to know the Upanisadic philosophy and Astika –Nastika dichotomy. |
| M-305 (History of Modern Western Philosophy -I) | B.A. 3rd semester.(Major course) | C.01- Student will know the theistic view of universe, different theories of Mind-Body relation. C.02- student will know the fundamental category of knowledge such space and time. |
| 1-M-404 (Indian Philosophy-II) | B.A. 4 th semester.(Major course) | C.01- Student will able to comprehend the Epistemology and Meta –physics of Nyaya –Vaisesika. |
| 2-M-405 (History of Modern Western Philosophy -I) | B.A. 4 th semester.(Major course) | C.01- Student will know the theistic view of universe, different theories of Mind-Body relation. C.02- student will know the fundamental categories of knowledge such as space, time, substance and causality. |
| M-501(Greek Philosophy-I) | B.A. 5 th semester.(Major course) | C.01- Helps student to acquaint with the pre-Socratic Philosopher and their doctrine such as water Philosophy of Thales, Atomism of Democritus, Number theory of Pythagoras. |

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| M-502 (Contemporary Indian Philosophy – I) | B.A. 5 th semester.(Major course) | C.01- Student will aware about the philosophical thoughts of different contemporary Indian Philosopher such as Aurobindo, Radhakrishanan, Tagore and Vivekananda. C.02- Student also aware the traditional concept of liberation, way of getting liberation, the doctrine of Vedanta Philosophy in modified form. |
| M-503 (Contemporary western Philosophy-I) | B.A. 5 th semester.(Major course) | C.O.1- provide knowledge about the Analytic Philosophy and student will understand the theory of Russell, Moore, Wittgenstein and Ryle. |
| M-504 (Ethics -I) | B.A. 5 th semester.(Major course) | C.01- The student will be acquainted with the meaning, nature and scope of Ethics and the relationship of Ethics with other discipline of study. Object of moral judgement and moral obligation, the postulate of morality. C.02- Help students to know what is right and what is wrong. It develops the skill articulating the moral values. C.03- Student will acquaint parallel Indian Ethical concept such as law of karma, Asrama, Dharma, Buddhist Pancasila, and Jaina Triratna. |
| M-505 (Philosophy of Religion -I) | B.A. 5 th semester.(Major course) | C.01- Student will aware the concept of Religion and different viewpoint of Religion. C.02- Student also comprehend the concept of God, reason, faith, revelation, freedom of will, immortality of the soul. C.03- And also understand contemporary challenges to religion. |
| M-506 (Social Philosophy) | B.A. 5 th semester.(Major course) | Understanding of social issues and expanding their personal concept, student will acquaint about the relationship between individual and society. Student also aware the present day situation of society, politics and the different challenges of present society. |
| M-601 (Greek Philosophy-II) | B.A. 6 th semester.(Major course) | C.01- Helps student acquainted with the Philosophy of Socrates, Plato and Aristotle. |
| M-602(Contemporary Indian Philosophy - II) | B.A. 6 th semester.(Major course) | C.O.1- Student will be acquainted with the philosophy of Gandhi. C.O.2- Aware the relevant of Gandhi philosophy in present time. |
| M-603(Contemporary western Philosophy –II) | B.A. 6 th semester.(Major course) | C.O.1- It provide the knowledge of existentialism and phenomenism which are the trend of Contemporary western philosophy. C.O.2- Student will be an acquainted with the philosophy of Kierkegaard, Nietzsche, Heidegger, Sartre and Husserl phenomenology. |

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| M-604 (Ethics –II) | B.A. 6 th semester.(Major course) | C.O.1- Student will know the deontological theories of Kant's and its relation with Gita. C.O.2- Student will know different moral theories , the theory of Punishment , law of karma etc. |
| M-605 (Philosophy of Religion -II) | B.A. 6 th semester.(Major course) | C.01- Student will aware the concept of Religion and different viewpoint of Religion. C.02- Student also comprehend the concept of God, reason, faith, revelation, freedom of will, immortality of the soul. C.03- And also understand contemporary challenges to religion. |
| M-606 (Project Paper) | B.A. 6 th semester.(Major course) | C.O.1- The course outcome of this paper is that the student will have their practical knowledge in the particular field. C.O.2- The student will know how to write a dissertation paper as well as they have the practical knowledge in the particular field. |
| E-101/102 (Logic-I) | B.A. 1st semester. (General Course) | C.01 – It helps student acquainted the principle for correct and Valid reasoning Which are essential for our day to day life. C.02- It also helps to clarify our thought. We can get rid of superstition, doubt, emotion etc. |
| E-201/202(Logic-II) | B.A. 2nd semester. (General Course) | C.01- Student will be acquainted with the nature and development of Symbolic logic, the uses of symbols in logic, the concept of variables and constant, the concept of Truth table and Truth function, the construction of truth tables. C.02- Student also learn how to translate the ordinary sentence into a strict logical form ,the technique of formal proof of validity of an Argument , Modern classification of proposition and the symbolization of universal and existential proposition. |
| E-304/305(General Philosophy –I) | B.A. 3 rd semester. (General Course) | C.O.1- The student will be comprehend the basic concept and theories of philosophy. C.O.2- The student also comprehend the necessity and importance of philosophy in our day to day life. |
| E-404/405(Indian Philosophy –I) | B.A. 4 th semester. (General Course) | C.01- Helps student to know the spiritual aspect of human life. C.02- Helps student to know the destiny of human life and the way of attaining liberation. |
| E-503/506(General philosophy-II) | B.A. 5 th semester. (General Course) | C.O.1- The student will be comprehend the category of knowledge without these knowledge is not possible. The student also know the different criteria of Truth. C.O.2- The student also comprehend the contemporary western philosophy of A.J.Ayer. and Existentialism. |

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| E-504/507(Indian philosophy-II) | B.A. 5 th semester. (General Course) | C.01- Student will able to comprehend the Epistemology and Meta –physics of Nyaya –Vaisesika. C.02- Analyse Samkhyas theory of evolution and Patanjali Astangika Yoga. C.03- Comprehend the Vedanta philosophy of Sankara and Ramanuja. |
| E-603/606 (Ethics-I) | B.A. 6 th semester. (General Course) | C.01- The student will be acquainted with the meaning, nature and scope of Ethics and the relationship of Ethics with other discipline of study. Object of moral judgement and moral obligation, the postulate of morality. C.02- Help students to know what is right and what is wrong. It develops the skill articulating the moral values. C.03- Student will acquaint parallel Indian Ethical concept such as law of karma, Asrama, Dharma, Buddhist Pancasila, and Jaina Triratna. |
| E-604/607(Philosophy of Religion - I) | B.A. 6 th semester. (General Course) | C.01- Student will aware the concept of Religion and different viewpoint of Religion. C.02- Student also comprehend the concept of God, reason, faith, revelation, freedom of will, immortality of the soul. C.03- And also understand contemporary challenges to religion. |

Department of Political Science

Course Outcome

Department of Political Science

Four Year Under Graduate Programme (FYUGP) & Choice Based Credit System (CBCS)

| Year | Semester | Course Title | Course Code | Course Outcome |
|----------------------|---|--|-------------|--|
| 1 st Year | 1 st Semester Major/Minor | Introduction to Political Theory (Core) | POL0100104 | <p>This course aims to introduce the students to the idea of political theory, its history and approaches, and an assessment of its critical and contemporary trends.</p> <p>After completing the course students will be better equipped to understand the key concepts in political theory and various related conceptual categories.</p> <p>It will also help in developing critical thinking regarding the functioning of the political system in relation to the context the students are situated in. The foundation for understanding the</p> |

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| | | | | contemporary political developments would also be laid down by the course. |
| | 2 nd Semester Major/Minor | Indian Govt.& Politics (Core) | POL0200104 | This paper aims in introducing students to the nature, emergence and unctioing of the constitution of India. Students will develop an understanding of the legacy of national movement and the principles that shaped the formation and functioning of the constituent Assembly of India . It will help in developing critical thinking about role of ideas and norms in shaping democracy in India. Students will be able to make sense of the institutional design, challenges and resilience marking key public institutions in India. The students will develop basic understanding on the constitutional provisions related to the legislative procuders in Indian parliament. |
| 2nd Year | 3 rd Semester Honours Course | Introduction to comparative Government and Politics. | Pol- HC - 3016 | This paper familiarizes the students with the basic concepts in comparative polities, with the different political systems and historical context of modern government |
| | 3 rd Semester Honours Course | Perspectives on Public Administration | Pol- HC - 3026 | This paper covers the basic concepts of Public Administration, the major theories of public Administration, its approaches, the concept of Public policy and its formulations which are very important for political Science major students. |
| | 3 rd Semester Honours Course | Perspectives on International Relations and World History | Pol- HC - 3036 | This paper familiarizes the students with the evolution of International State System and its importance. It helps students to have an overall understanding of international relations in relation twentieth century in history. |
| | 4 th Semester Honours Course | Political Process and Instructions in Comparative Perspective | Pol- HC - 4016 | This paper comes certain concepts political culture, New Institutionalism, Nation-state, process of democratization in post colonial, post authoritarian and post communist countries. Students can use the contents and subunits of the course as yardsticks for comparing these political systems and processes. |
| | 4 th Semester | Public Policy and Administration in | Pol- HC - 4026 | This paper helps the students to gain knowledge about the processes of |

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| | Honours Course | India | | public policy making in India. They can also develop the ability to assess the functioning of the government and the administration in ensuring citizen centric welfare administration in Indian. |
| | 4 th Semester Honours Course | Global Politics | Pol- HC - 4036 | This paper familiarizes the students with the concept of globalization. It also offers insight into contemporary global issues such as proliferation of Nuclear weapons, ecological issues, international terrorism and human security. |
| 3 rd Year | 5 th Semester Honours Course | Classical Political Philosophy | Pol- HC - 5016 | The student will be able to understand traditions in classical political philosophy. This paper covers the political ideas of Plato, Aristotle, Hobbes Locke and Machiavelli. |
| | 5 th Semester Honours Course | Indian Political Thought – I | Pol- HC - 5026 | Students can learn about the traditions of pre-colonial India and the relevance of political thought of pre-colonial India for contemporary politics. |
| | 5 th Semester Honours Course | Human Rights | Pol- HE – 5016 | Students will understand the basic concept and issues concerning Human Rights and challenges. |
| | 5 th Semester Honours Course | Select Constitution - I | Pol- HE – 5046 | With the help of this paper the students will be introduced to the meaning and importance of the Constitution. They are also familiarize with the various types of constitutions and the forms of governments from different parts of the world. |
| | 6 th Semester Honours Course | Modern Political Philosophy | Pol- HC - 6016 | The paper enables the students to understand the political philosophy of Rousseau, J.S mill, Karl Marx etc and the relevance of modern political philosophy in understanding contemporary politics. |
| | 6 th Semester Honours Course | Indian Political Thought – II | Pol- HC - 6026 | The students can understand the underline themes and issues in political thought of modern India and assess the relevance of political thought of modern India in understanding contemporary politics. |
| | 6 th Semester Honours Course | Human Rights in India | Pol- HE – 6016 | Students can understand the origin and development of human rights in India; the different measures adopted by India for the protection and development of human rights. |

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| | 6 th Semester Honours Course | Select Constitution – II | Pol- HE – 6046 | Students will be introduced to various types of Constitutions and the forms of governments from different parts of the world. |
| | 3 rd Semester Honours/Regular Course | Youth and Nation building | Pol- SEC – 3024 | This course guides the students to be nation builders. They can understand the activities of NSS and NCC and learn the basics of National Disaster Management and its importance. |
| | 4 th Semester Honours/Regular Course | Citizens and Rights | Pol- SEC – 4024 | This paper helps the students to analyse the linkage between citizenship law, rights and equality. It also help the students to understand the measures of discrimination, justice and empowerment and the ways to protect the same. |
| | 1 st Semester Regular Course | Introduction to Political Theory | Pol- HG (Generic) – 1016 (HG – RC) | Students learn about the key concepts in political theory, its applications and their limitations. |
| | 2 nd Semester Regular Course | Indian Government and Politics | Pol- HG (Generic + RC) – 2016 | Students can learn the basic features of the Indian Constitution, its institutional functioning, role of caste class and patriarchy and their impact on politics. |
| | 3 rd Semester Regular Course | Comparative Government and Politics | Pol – HG + RC – 3016 | Students can learn the classification of political systems from a comparative political from work and the classification of governments and the political of institutions. |
| | 4 th Semester Regular Course | Introduction to International Relations | Pol – HG + RC – 4016 | The students are given a fairly comprehensive overview of the major developments and events starting from 20 th century. They can also learn about India's Foreign policy and the present position of India as an emerging power. |
| | 5 th Semester Regular Course | Select Constitution I | Pol – RE – 5026 | Students can learn some basic features two different constitutions UK and USA from which the Indian constitution borrows it. |
| | 6 th Semester Regular Course | Select Constitution II | Pol – RE – 6026 | This paper covers two specific constitution Swiss constitution and |

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| | | | | China constitution. Both are very important political science students because both the constitutions have some unique features. |
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Department of Political Science

Course Outcome

Department of Political Science

Major Course and General Course

| Year | Semester | Course Title | Course Code | Course Outcome |
|----------------------|--------------------------|--------------------------------|------------------|---|
| 1 st Year | 1 st Semester | Political Theory (Major) | Paper Code – 1.1 | This paper familiarize the students with some of the basic concept of politics like power, authority, legitimacy; state and with some important ideologies, Marxism liberalism. |
| | 1 st Semester | Politics in India – I (Major) | Paper Code – 1.2 | The student can learn about Indian Constitutional development during the pre-independent and post independent era. This paper covers the topic like Fundamental rights, Duties, Directive principles of State policy, Structure of Union and state executive, Legislature and Judiciary which are very important for a student. |
| | 2 nd Semester | Political Theory (Major) | Paper Code – 2.1 | This paper helps the students in understanding the concept of democracy and development in details like classical democracy, liberal democracy, direct democracy and indirect democracy, sustainable development, human development and Guardian model of development. It also offer an insight about some new concepts like multiculturalism, distributive justice, non-colonialism and about the nature of third world. |
| | 2 nd Semester | Politics in India - II (Major) | Paper Code – 2.2 | This paper helps the students to gain knowledge about the party system in India, its election system, center state-relationships. It also familiarize the students with some serious challenges national integration in India like terrorism, regionalism and asterism |

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|----------------------|--------------------------|--------------------------------------|--------------------|---|
| 2nd Year | 3 rd Semester | International Relations – I (Major) | Paper Code – 3.1 | This paper familiarize the students will a new area of political science – international relations, its nature scope, approaches and with some of basic concepts like balance of power, collective security, national interest and ideology. |
| | 3 rd Semester | Public Administration - I (Major) | Paper Code – 3.2 | This paper also cover another specific area of political science that is public Administration, students can learn about Public Administration, New Public Management, Good Governance Principles of Organisations, Structure of Organisations etc. |
| | 4 th Semester | International Relations – II (Major) | Paper Code – 4.1 | This paper helps the students to learn some basic concepts of international relations like foreign policy, diplomacy, non aligned UNO, security disarmament arm control and global economy. |
| | 4 th Semester | Public Administration (Major) | Paper Code – 4.2 | This paper familiarize the student with various aspects of administrative personal administrative development of administration and the relation of citizen with administration, redressal of public grievances. |
| 3 rd Year | 5 th Semester | Western Political Thinkers (Major) | Paper Code – 5.1 | By reading this paper, the student can acquire knowledge about the political ideologues of ancient Greek political thinkers, medieval and early modern thinkers. This paper also deal with the political philosophy of Hobbes, Locke, Rousseau and Karl Marx. |
| | 5 th Semester | Select Constitution – I (Major) | Paper Code – 5.2 | First of all this paper discuss the meaning and importance of constitution and make a comparative study between two constitutions of the world UK and USA. By this the paper familiarize the students with the practice of different forms of govt, parliamentary and presidential. |
| | 5 th Semester | General Sociology – I (Major) | Paper Code – 5.3 B | Student can understand the meaning growth and scope of general sociology and some of its basic concept Family, Society, Community and Social stratification. |
| | 5 th Semester | Contemporary Political Issues | Paper Code – 5.4 A | The students are given a fairly comprehensive overview of contemporary political issues likes environment issues, terrorism human |

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| | | | | security and gender issues. |
| | 5 th Semester | Rural Local Governance | Paper Code – 5.5 A | Students can understand the evolution of Local governance in India and its structural growth under the 73rd amendment. |
| | 5 th Semester | Human Rights (Major) | Paper Code – 5.6 B | Student will understand concept of human rights and the role of UNO and other NGOs for the protection and promotion of human rights. |
| | 6 th Semester | Indian Political Thinkers (Major) | Paper Code – 6.1 | This paper familiarize the students with the political ideologies of Indian political thinkers. |
| | 6 th Semester | Select Constitution – II (Major) | Paper Code – 5.2 | Students can acquire knowledge about the constitutional structure and forms of govt. of Two different countries, China and Switzerland. |
| | 6 th Semester | General Sociology (Major) | Paper Code – 6.3 | This paper familiarize the students with some of the basic concepts of general sociology – culture, social control, social change and socialization. |
| | 6 th Semester | Contemporary Political Ideologies | Paper Code – 6.4 | This paper gives an insight of some contemporary ideologies like - Neo liberalism, Feminism, Religions fundamentalism, Multi-culturalism. |
| | 6 th Semester | Urban Local Governance (Major) | Paper Code – 6.5 C | Students can learn the evolution of urban governance in pre-independence and post independence Period and its structural change under the 74th amendment of the constitution of India. |
| | 6 th Semester | Human Rights in India (Major) | Paper Code – 6.6 D | Student can understand the origin and development of human rights in India in in ancient, medieval and colonial period along with the institutional mechanism for protection of human rights and the emerging issues of human rights. |
| | 1 st Semester | Political Theory I (General) | Paper Code – 1.1 | This paper helps the student to know the concept of political Science and its various approaches, some of its basic concepts, power, authority legitimacy, right, justice liberty Etc. |
| | 2 nd Semester | Political Theory II (General) | Paper Code – 2.1 | This paper familiarize the students with some other concept of political theory, liberalism marxism, democracy, development, sustainable development, human development, word values of politics. |
| | 3 rd Semester | Politics in India I (General) | Paper Code – 3.2 | The student can learn an overview of the Indian politics system, it's legacies, features etc. |
| | 4 th Semester | Politics in India II | Paper Code – | This paper familiarize the students with |

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| | | (General) | 4.2 | the parliamentary form of Govt. in India, its judicial system, party systems etc. |
| | 5 th Semester | Public Administration (General) | Paper Code – 5.1 | This paper helps the students to gain knowledge about administration, its importance. |
| | 5 th Semester | Select Constitution I (General) | Paper Code – 5.2 | This paper deal with the separate Constitutional system UK and USA, and thus familiarize the students with the practice of parliamentary and presidential form of government. |
| | 6 th Semester | Public Administration II (General) | Paper Code – 6.1 | The student can learn some important aspects of administration - Personal administration, Financial administration and Development Administration. |
| | 6 th Semester | Select Constitution (General) | Paper Code – 6.2 | Student can learn some basic features of two different Constitution, China & Switzerland. |

Department of Political Science

Bachelor Programme in Political Science

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| Programme Outcome | The course of political science in the Bachelor Programme focuses on the theory and practice of government and politics at the local, state, national and international levels. This course includes Sociology, Women and Politics, Western and Indian political Thinkers, Human Rights, In addition to the Indian Constitution. It also requires the students to Study the UK Constitution, USA Constitution, China Constitution and the Switzerland Constitution. This course also covers the concepts of overall India's Administrative system. |
| Programme Specific Outcome | It helps the students to comprehend the basic structure and processes of government system, its administrative system. Three years under graduate programme in Political Science prepares students for pursuing higher education in Political Science. It orients students towards national and state level competitive examinations like APSC, UPSC etc. and also for law course. It prepares students for a variety of careers including journalism, career in political offices, etc |
| Course Outcome | Political Science is a dynamic Subject. It shows people what the present political establishment can and cannot do and it also can allow people to see alternative political system. It makes people conscious about their rights and duties. It familiarize the Students about the party system of the country, its election process. It also makes the people conscious about the problems which are faced by the Society. |

Department of Statistics

Course Details (CBCS)

B.A 1st Semester

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| STA-HC-1016 |
| STA-HC-1026 |
| STA-RC-1016 |
| STA-HG-1016 |

B.A 2nd Semester

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| STA-HC-2016 |
| STA-HC-2026 |
| STA-RC-2016 |
| STA—HG-2016 |

B.A 3rd Semester

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| STA-HC-3016 |
| STA-HC-3026 |
| STA-HC-3036 |
| STA-RC-3016 |
| STA-SE-3014 |
| STA-HG-3016 |

B.A 4th Semester

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| STA-HC-4016 |
| STA-HC-4026 |
| STA-HC-4036 |
| STA-RC-4016 |
| STA-SE-4014 |
| STA-HG-4016 |

B.A 5th Semester

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| STA-HC-5016 |
| STA-HC-5026 |
| STA-RE-5016 |
| STA-RE-5026 |
| STA-RE-5036 |
| STA-RE-5046 |
| STA-SE-5014 |

B.A 6th Semester

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| STA-HC-6016 |
| STA-HC-6026 |
| STA-RE-6016 |
| STA-RE-6026 |
| STA-RE-6036 |
| STA-RE-6046 |
| STA-SE-6014 |

DEPARTMENT OF STATISTICS

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| Programme Outcomes | <ul style="list-style-type: none">*This course is designed for provide basic foundation of statistics to students.*It would familiarize students with basic to standard level of statistical concept.*Introduce students with mathematical tools that help student in future study.*Strengthen students knowledge of spreadsheets, programming language and statistical theory.*Prepare students to undertake projects,which prepare them for getting jobs. |
| Programme Specific Outcomes | <ul style="list-style-type: none">*This course help the students to introduce themselves to the world of statistics and its application in their daily life. This course is designed to equip students with all the major concepts of statistics along with the tools required to implement them.*The designing of the course in such a way that it goes a long way in giving students the required confidence for getting jobs in their near future.*It motivates the students to pursue careers in related disciplines.*Introduction of computer software help them in analysis of real data by making optimum usage of time and resourses. |

First Semester

Course Outcomes

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| STA-RC-1016 | <p>1): Statistical Data: Introduction: Definition and scope of Statistics, concepts of statistical population and sample. Data: Univariate Data: quantitative and qualitative, attributes, variables, scales of measurement - nominal, ordinal, interval and ratio. Presentation: tabular and graphic, including histogram and ogives.</p> <p>2): Measures of Central Tendency: Measures of Central Tendency: mathematical and positional. Measures of Dispersion: range, quartile deviation, mean deviation, standard deviation, coefficient of variation, moments, skewness and kurtosis.</p> <p>3): Calculus of Finite Difference: Finite Difference: Definition, Operators Δ & E, their properties, Difference table, missing terms, Interpolation: Definition, Newton's Forward and Backward interpolation formula. Divided Difference (DD): Definition, DD table, Newton's DD formula. Lagrange's interpolation formula. Numerical Integration: Introduction, General quadrature formula, Trapezoidal, Simpson's 1/3rd & 3/8th rules, Newton-Raphson method.</p> <p>4): Bivariate Data: (Lectures: 12) Bivariate data: Definition, scatter diagram, simple, partial and multiple correlation (3 variables only), rank correlation. Simple linear regression, principle of least squares.</p> <p>5): Theory of Attributes: Theory of attributes, consistency of data, independence and association of attributes, measures of association and contingency.</p> |
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PRACTICAL/ LAB WORK= List of Practical

1. Graphical representation of data
2. Problems based on measures of central tendency
3. Problems based on measures of dispersion
4. Problems based on combined mean and variance and coefficient of variation
5. Problems based on moments, skewness and kurtosis
6. Fitting of polynomials, exponential curves
7. Karl Pearson correlation coefficient

8. Partial and multiple correlations
9. Spearman rank correlation with and without ties.
10. Correlation coefficient for a bivariate frequency distribution
11. Lines of regression, angle between lines and estimated values of variables.
12. Checking consistency of data and finding association among attributes

2nd Semester

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| STA-RC-2016 | <p>1): Probability: Probability: Introduction, random experiments, sample space, events and algebra of events. Definitions of Probability – classical, statistical, and axiomatic. Conditional Probability, laws of addition and multiplication, independent events, theorem of total probability, Bayes’ theorem and its applications.</p> <p>2.) : Random Variables: Random Variables: Discrete and continuous random variables, p.m.f., p.d.f. ,c.d.f. Illustrations of random variables and its properties. Expectation, variance, moments and moment generating function.</p> <p>3)): Convergence in Probability: Idea of convergence in probability, Chebyshev’s inequality, weak law of large numbers, De-Moivre Laplace and Lindeberg-Levy Central Limit Theorem (C.L.T.) (statement only without proof).</p> <p>4): Standard Distributions: Standard probability distributions: Binomial, Poisson, geometric, negative binomial, hypergeometric, uniform, normal, exponential, beta, gamma.</p> |
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- PRACTICAL/LAB. WORK:;** List of Practical
1. Fitting of binomial distributions for n and $p = q = \frac{1}{2}$ given
 2. Fitting of binomial distributions for n and p given
 3. Fitting of binomial distributions computing mean and variance

3rd Semester

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| STA-RC-3016 | <p>1): Tests of Hypothesis: Estimation of population mean, confidence intervals for the parameters of a normal distribution (one sample). The basic idea of significance test. Null and alternative hypothesis. Type I & Type II errors, level of significance, concept of p-value. Tests of hypotheses for the parameters of a normal distribution (one sample), Non-parametric tests: Sign test for median, Sign test for symmetry, Wilcoxon two-sample test.</p> <p>2) Unit 2: Categorical Data Analysis: Categorical data: Tests of proportions, tests of association and goodness-of-fit using Chi-square test,</p> <p>3): Analysis of Variance: Analysis of variance, one-way and two-way classification. Brief exposure of three basic principles of design of experiments, treatment, plot and block. Analysis of completely randomized design, randomized complete block design. Bioassay.</p> |
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List of Practical

1. Estimators of population mean.
2. Confidence interval for the parameters of a normal distribution (one sample).
3. Tests of hypotheses for the parameters of a normal distribution (one sample).
4. Chi-square test of proportions. 4th Semester

4th Semester

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| <p>STA-RC-4016</p> | <p>1): Time Series: Economic Time Series: Components of time series, Decomposition of time series- Additive and multiplicative model with their merits and demerits, Illustrations of time series. Measurement of trend by method of free-hand curve, method of semi-averages and method of leastsquares (linear, quadratic and modified exponential). Measurement of seasonal variations by method of ratio to trend.</p> <p>2): Index Numbers: Index numbers: Definition, Criteria for a good index number, different types of index numbers. Construction of index numbers of prices and quantities, consumer price index number. Uses and limitations of index numbers.</p> <p>3): Statistical Quality Control: Statistical Quality Control: Importance of statistical methods in industrial research and practice. Determination of tolerance limits. Causes of variations in quality: chance and assignable. General theory of control charts, process & product control, Control charts for variables: X- bar and R-charts. Control charts for attributes: p and c-charts</p> <p>4): Demography: Demographic Methods: Introduction, measurement of population, rates and ratios of vital events. Measurement of mortality: CDR, SDR (w.r.t. Age and sex), IMR, Standardized death rates. Life (mortality) tables: definition of its main functions and uses. Measurement of fertility and reproduction: CBR, GFR, and TFR. Measurement of population growth: GRR, NRR.</p> <p>5): Demand Analysis: Demand Analysis: Theory of consumption and demand, demand function, elasticity of demand, determination of elasticity of demand by family budget method, Lorentz curve and Gini's coefficient, Engel's law and Engel's curve, Pareto's law of income distribution</p> |
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List of Practical ::

1. Measurement of trend: Fitting of linear, quadratic trend, exponential curve and plotting of trend values and comparing with given data graphically.

2. Measurement of seasonal indices by Ratio-to-trend method and plotting of trend values and comparing with given data graphically.
3. Construction of price and quantity index numbers by Laspeyre's formula, Paasche's formula, Marshall-Edgeworth's formula, Fisher's Formula. Comparison and interpretation.
4. Construction of wholesale price index number, fixed base index number and consumer price index number with interpretation
5. Construction and interpretation of X bar & R-chart
6. Construction and interpretation p-chart (fixed sample size) and c-chart
7. Computation of measures of mortality
8. Completion of life table
9. Computation of measures of fertility and population growth

5th Semester

STA-RE-5016

1): Operations Research: Introduction to Operations Research, phases of O.R., model building, various types of O.R. problems. Linear Programming Problem, Mathematical formulation of the L.P.P, graphical solutions of a L.P.P. Simplex method for solving L.P.P.

2): Transportation Problem: Transportation Problem: Initial solution by North West corner rule, Least cost method and Vogel's approximation method (VAM).

3): Game theory: Game theory: Rectangular game, minimax-maximax principle.

4): Inventory Management: Inventory Management: ABC inventory system, characteristics of inventory system. EOQ Model and its variations, with and without shortages, Quantity Discount Model with price breaks.

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| STA-RE-5026 | <p>1): Introduction to Time Series: Introduction to times series data, application of time series from various fields, Components of a times series, Decomposition of time series. Trend: Estimation of trend by free hand curve method, method of semi averages, fitting a various mathematical curve, and growth curves.</p> <p>2): Introduction to Time Series: Trend Cont.: Method of moving averages. Detrending. Effect of elimination of trend on other components of the time series. Seasonal Component: Estimation of seasonal component by Method of simple averages, Ratio to Trend.</p> <p>3): Moving averages: Seasonal Component continued: Ratio to Moving Averages and Link Relative method, Deseasonalization.</p> <p>4): Forecasting and smoothing to Time Series: Random Component: Variate component method. Forecasting: Exponential smoothing</p> |
| STA-RE-5036 | <p>1): Survival Analysis: Survival Analysis: Functions of survival times, survival distributions and their applications- exponential, gamma, Weibull, Rayleigh, lognormal, death density function for a distribution having bath-tub shaped hazard function. Censoring Schemes: Type I, Type II and progressive or random censoring with biological examples.</p> <p>2): Theory of independent and dependent risks. Bivariate normal dependent risk model.</p> <p>3): Epidemic Model: Stochastic Epidemic Models: Simple epidemic models, general epidemic model definition and concept (without derivation). Duration of an epidemic.</p> |

6th Semester

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| STA-RE-6016 | <p>1): Economic Models: Introduction: Objective behind building econometric models, nature of econometrics, model building, role of econometrics, linear models: two or more variables.</p> <p>2): Estimation: Least square assumptions, estimation of regression parameters, tests of significance and confidence intervals.</p> <p>3): Regression: Multiple Regression analysis, estimation and inference.</p> <p>4): Collinearity: Violations of Least Square assumptions: multicollinearity, autocorrelation</p> |
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| | and heteroscedasticity |
| STA-RE-6026 | <p>1: Population Theory: Population Theories: Coverage and content errors in demographic data, use of balancing equations, Population composition, dependency ratio.</p> <p>2: Measurement of Mortality: Introduction and sources of collecting data on vital statistics, errors in census and registration data. Measurement of population, rate and ratio of vital events. Measurements of Mortality: Crude Death Rate (CDR), Specific Death Rate (SDR), Infant Mortality, Rate (IMR) and Standardized Death Rates.</p> <p>.3) Life Table: (Lectures: 18) Stationary and Stable population, Central Mortality Rates and Force of Mortality. Life (Mortality) Tables: Assumption, description.</p> <p>4): Measurement of Fertility: Measurements of Fertility: Crude Birth Rate (CBR), General Fertility Rate (GFR), Specific Fertility Rate (SFR) and Total Fertility Rate (TFR). Measurement of Population Growth: Crude rates of natural increase, Pearl's Vital Index, Gross Reproduction Rate (GRR) and Net Reproduction Rate</p> |

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| <p>STA-RE-6036</p> | <p>1): Design of Experiments: Role, historical perspective, terminology, experimental error, basic principles, uniformity trials, choice of size and shape of plots and blocks. Basic designs: Completely Randomized Design (CRD), Randomized Block Design (RBD), Latin Square Design (LSD) – layout, model and statistical analysis, relative efficiency, analysis with missing observations, Greco Latin Square Design.</p> <p>2): Design of Experiments: Split Plot Design, Strip Plot Design, Incomplete Block Designs, Introduction to Balanced Incomplete Block Design (BIBD).</p> <p>3): Factorial Experiments: Factorial experiments: advantages, notations and concepts, 2^2, $2^3 \dots 2^n$ and 3^2 factorial experiments, design and analysis, Total and Partial confounding for 2^n ($n \leq 5$), idea of 3^2 experiment</p> |
| <p>STA-RE-6046</p> | <p>1): Probability Distributions: Introductory Statistics and Insurance Applications: Discrete, continuous and mixed probability distributions. Insurance applications, sum of random variables. Utility theory: Utility functions, expected utility criterion, types of utility function, insurance and utility theory.</p> <p>2): Premium Calculation: Principles of Premium Calculation: Properties of premium principles, examples of premium principles. Individual risk models: models for individual claims, the sum of independent claims, approximations and their applications.</p> <p>3): Survival Distribution: Survival Distribution and Life Tables: Uncertainty of age at death, survival function, time- until-death for a person, curate future lifetime, force of mortality, life tables with examples, deterministic survivorship group, life table characteristics.</p> <p>4): Life Insurance: Life Insurance: Models for insurance payable at the moment of death, insurance payable at the end of the year of deat</p> |
