

NABA BARRACKPUR PRAFULLA CHANDRA MAHAVIDYALAYA

2021-22

Supporting documents of Criteria 2.6.1

COURSE OUTCOME AND PROGRAMME OUTCOME

Bengali Honours and General

Programme Specific Outcome :-

- বাংলা সাহিত্যের ইতিহাসের ধারা সম্পর্কে সম্যক জ্ঞান অর্জন।
- বাংলাদেশের ইতিহাস, বিশেষত বিভিন্ন যুগের রাজনৈতিক, অর্থনৈতিক, সামাজিক ও সাংস্কৃতিক প্রবণতাগুলোর সঙ্গে সেযুগের সাহিত্যের সম্পর্ক অনুধাবনের প্রচেষ্টা।
- প্রতিটি যুগের প্রতিনিধি স্থানীয় সাহিত্যের গভীর পাঠ।
- ভাষাবিজ্ঞান বিষয়ে সাধারণ এবং বাংলা ভাষার উৎস ও বিবর্তন বিষয়ে বিশেষ জ্ঞান অর্জন।
- ছন্দ ও অলঙ্কার বিষয়ে সম্যক জ্ঞান ও তার চর্চা।
- সাহিত্যের রূপরীতি ও ভারতীয় সাহিত্যতত্ত্ব বিষয়ে জ্ঞান অর্জন।
- বিশ্বসাহিত্য হিসেবে ইংরেজি, প্রাচীন ভারতীয় সাহিত্য হিসেবে সংস্কৃত, আধুনিক ভারতীয় সাহিত্য হিসেবে হিন্দি, প্রতিবেশী সাহিত্য হিসেবে অসমিয়া সাহিত্যের নির্বাচিত ইতিহাস পাঠ এবং বাংলা সাহিত্যের সঙ্গে তার সম্পর্ক অনুধাবন।
- ভাষার ব্যবহারিক প্রয়োগ, সাধারণ ব্যবহারিক বানান ও ব্যাকরণ, অনুবাদ, প্রুফ রিডিং, কম্পিউটারে বাংলা লিখন ইত্যাদি শেখা।
- সাধারণভাবে শিল্পকলা, বিশেষভাবে চলচ্চিত্রের সঙ্গে সাহিত্যের সম্পর্ক অনুধাবন।

Course Outcome :-

Semester- 1

Bengali Honours

CC-1

Course Code : BNGACOR01T

Course Name: প্রাগাধুনিক বাংলা সাহিত্যের ইতিহাস

- অষ্টম থেকে পঞ্চদশ শতাব্দীতে রচিত বাংলা সাহিত্যধারা সম্পর্কে ধারণা।

- বাংলা মঙ্গলকাব্যের ধারা সম্পর্কে ধারণা।
- বাংলা অনুবাদ সাহিত্যের ধারা সম্পর্কে ধারণা।
- বাংলা পদাবলী সাহিত্য, চৈতন্য জীবনী সাহিত্য ও ধর্মীয় সাহিত্যের ধারা সম্পর্কে ধারণা।

CC-2

Course Code: BNGACOR02T

Course Name: প্রাগাধুনিক বাংলা সাহিত্য পাঠ

- বৈষ্ণব পদাবলী।
- শাক্ত পদাবলী।
- চণ্ডীমঙ্গল (আখ্যেটিক খণ্ড)।
- চৈতন্যভাগবত (আদি খণ্ড)।

B. A. Honours & General

DSE 1A /GE 1

Course Code: BNGGCOR01T / BNGHGEC01T

Course Name: বাংলা সাহিত্য এবং বাঙালির সংস্কৃতি চর্চার ইতিহাস

- বাংলা সাহিত্যের আদিপর্বে বৌদ্ধধর্ম ও বৌদ্ধসংস্কৃতি চর্চা এবং বিবর্তনের ইতিহাস সম্পর্কে ধারণা।
- বাংলা সাহিত্যে আর্ষ - অনার্ষ সংস্কৃতি ও তার সমন্বয়ের ইতিহাস সম্পর্কে ধারণা।
- মধ্যযুগে বৈষ্ণব-শাক্ত - নাথ সাহিত্য ও সংস্কৃতি চর্চার ইতিহাস সম্পর্কে ধারণা।
- অবক্ষয় যুগে বাঙালির কবি-টপ্পা- আখড়াই- হাফ-আখড়াই - খেউড় গানের চর্চা ও তার সামাজিক ফলশ্রুতি সম্পর্কে ধারণা।

Semester- 2

Bengali Honours

CC-3

Course Code: BNGACOR03T

Course Name: ভাষাতত্ত্ব

- প্রাচীন ভারতীয় আর্যভাষা থেকে আধুনিক ভারতীয় আর্যভাষার বিবর্তন। বাংলা ভাষার উদ্ভব এবং প্রাচীন, আদি-মধ্য, অন্ত-মধ্য বাংলা ভাষার ভাষাতাত্ত্বিক লক্ষণ।
- বাংলা ভাষার উপভাষা ও নিভাষা সংক্রান্ত আলোচনা।
- উচ্চারণ স্থান ও উচ্চারণ প্রকৃতি অনুযায়ী বাংলা স্বর ও ব্যঞ্জন, ধ্বনি পরিবর্তনের রীতি ও প্রকৃতি।
- বাংলা শব্দভাণ্ডার, শব্দবিবর্তন ও শব্দার্থের পরিবর্তন।

CC- 4

Course Code: BNGACORO4T

Course Name: আধুনিক বাংলা সাহিত্যের ইতিহাস

- বাংলা গদ্য ও প্রবন্ধ সাহিত্যের ধারা সম্পর্কে ধারণা।
- বাংলা নাট্যসাহিত্যের উদ্ভব ও বিকাশ সম্পর্কে ধারণা।
- বাংলা কাব্য-কবিতার উদ্ভব ও বিকাশ সম্পর্কে ধারণা।
- বাংলা কথাসাহিত্যের উদ্ভব ও বিকাশের ইতিহাস পাঠ।

B. A. Honours & General

DSE- 2 /GE- 2

Course Code: BNGGCOR02T/ BNGHGEC02T

Course Name: বাংলা ভাষার ইতিহাস ও ভাষাতত্ত্ব

- প্রাচীন ভারতীয় আর্যভাষা থেকে আধুনিক ভারতীয় আর্যভাষার বিবর্তন, বাংলা ভাষার উদ্ভব এবং প্রাচীন, আদি-মধ্য, অন্ত-মধ্য বাংলা ভাষার ভাষাতাত্ত্বিক লক্ষণ।
- বাংলা ভাষার উপভাষা সংক্রান্ত আলোচনা।

- বাংলা ধ্বনি পরিবর্তন ও শব্দার্থ পরিবর্তনের ধারা।
- রোমান হরফে লিপ্যন্তরকরণ এবং আন্তর্জাতিক ধ্বনিমূলক বর্ণমালার পরিচয় ও লিপ্যন্তরকরণ।

B. A. & B. Com. General

AECC / MIL Communication

Course Code: BNGSAEC01T

Course Name: বাংলা ভাষা উচ্চারণ ও সাধারণ ব্যবহারিক বানান চর্চা

Unit-1: রবীন্দ্রনাথ ঠাকুর: সহজপাঠ (প্রথম ও দ্বিতীয় ভাগ)।

- বাংলা ব্যাকরণ: পদ পরিচয়, পদান্তর, সন্ধি, সমাস, ক্রিয়া ও ক্রিয়ার কাল এবং বাংলা বানান চর্চা।

Semester- 3

Bengali Honours

CC-5

Course Code: BNGACOR05T

Course Name: বাংলা ছন্দ-অলঙ্কার : সংজ্ঞা, স্বরূপ ও নির্ণয়

- বাংলা অলঙ্কার (শব্দালঙ্কার, অর্থালঙ্কার : সংজ্ঞা ও স্বরূপ সংক্রান্ত ধারণা)।

- বাংলা অলঙ্কার নির্ণয়।

- বাংলা ছন্দের সংজ্ঞা, স্বরূপ ও রূপবন্ধ সংক্রান্ত ধারণা।

- বাংলা ছন্দোলিপি প্রণয়ন।

CC-6

Course Code: BNGACOR06T

Course Name: বাংলা নাটক ও রঙ্গমঞ্চ

- বাংলা রঙ্গমঞ্চের ইতিহাস পাঠ।

- মধুসূদন দত্ত - কৃষ্ণকুমারী।

- রবীন্দ্রনাথ ঠাকুর- রাজা।

- বিজন ভট্টাচার্য- নবান্ন।

CC-7

Course Code: BNGACOR07T

Course Name: বাংলা গদ্য ও প্রবন্ধ

- বঙ্কিমচন্দ্র চট্টোপাধ্যায়- সাম্য।
- রবীন্দ্রনাথ ঠাকুর- বিশ্বপরিচয়।
- প্রমথ চৌধুরী - প্রবন্ধ সংগ্রহ।
- অবনীন্দ্রনাথ ঠাকুর - আপন কথা।

B. A. Honours & General

DSC-3/ GE-3

Course Code: BNGGCOR03T/ BNGHGEC03T

Course Name: জীবনী সাহিত্য

- জীবনী সাহিত্যের সংজ্ঞা, স্বরূপ ও শ্রেণী সংক্রান্ত ধারণা।
- ভগিনী নিবেদিতা - স্বামীজীকে যে রূপ দেখিয়াছি।
- শিবনাথ শাস্ত্রী- আত্মচরিত।
- সত্যজিৎ রায়- যখন ছোট ছিলাম।

B. A. & B. Com General

MIL-1

Course Code: BNGLCOR01T

Course Name: উনিশ শতকের গদ্য, কাব্য-কবিতা

- উনিশ শতকের গদ্যের ও সাময়িক পত্রের উদ্ভব এবং ক্রমবিকাশ।
- কালীপ্রসন্ন সিংহ- হতোম প্যাঁচার নক্সা।

- উনিশ শতকের কবি ও কাব্যের পরিচয়।
- মধুসূদন দত্ত: চতুর্দশপদী কবিতাবলী।

B. A. Honours & General

SEC- I

Course Code: BNGSSEC01M

Course Name: চলচ্চিত্র ও সাহিত্য

- সত্যজিৎ রায়- বিষয় চলচ্চিত্র।
- ধীমান দাশগুপ্ত- সিনেমার অ আ ক খ।

Semester- 4

Bengali Honours

CC-8

Course Code: BNGACOR08T

Course Name: বাংলা কাব্য ও কবিতা

- মাইকেল মধুসূদন দত্ত: মেঘনাদবধকাব্য।
- রবীন্দ্রনাথ ঠাকুর- সঞ্চয়িতা।
- জীবনানন্দ দাশের শ্রেষ্ঠ কবিতা।
- একালের কবিতা সঞ্চয়ন।

CC-9

Course Code: BNGACOR09T

Course Name: রবীন্দ্রসাহিত্য

- রবীন্দ্র উপন্যাস: ঘরে বাইরে।
- রবীন্দ্র সমালোচনা সাহিত্য: প্রাচীন সাহিত্য।
- রবীন্দ্র আত্মজীবনী: ছেলেবেলা।
- রবীন্দ্র পত্রসাহিত্য: রাশিয়ার চিঠি।

CC-10

Course Code: BNGACOR10T

Course Name: সাহিত্যের রূপরীতি ও ভারতীয় সাহিত্যতত্ত্ব

- বাংলা কাব্য ও নাটকের রূপভেদ সংক্রান্ত ধারণা।
- বাংলা প্রবন্ধ-নিবন্ধ ও কথাসাহিত্যের রূপভেদ সংক্রান্ত ধারণা।
- অতুলচন্দ্র গুপ্ত: কাব্যজিজ্ঞাসা।
- রবীন্দ্রনাথ ঠাকুর: সাহিত্য।

B. A. Honours & General

DSC-4/GE-4

Course Code: BNGGCOR04T / BNGHGEC04T

Course Name : বাংলা শিশু ও কিশোরপাঠ্য সাহিত্য

- বাংলা শিশু ও কিশোর সাহিত্য রচনার ধারা সম্পর্কে সম্যক ধারণা।
- উপেন্দ্রকিশোর রায়চৌধুরী- টুনটুনির বই।
- অবনীন্দ্রনাথ ঠাকুর- রাজকাহিনী।
- লীলা মজুমদার- পদীপিসির বর্মিবাস্ত্র।

B. A. & B. Com General

MIL-2

Course Code : BNGLCOR02T

Course Name : বিশ শতক : নাটক ও কথাসাহিত্য

- বিশ শতকের নাটকের ইতিহাস পাঠ।
- বিশ শতকের নাট্যপাঠ : দ্বিজেন্দ্রলাল রায়: নূরজাহান।
- বিশ শতকের কথাসাহিত্যের ইতিহাস পাঠ।
- বিশ শতকের কথাসাহিত্য পাঠ : রবীন্দ্রনাথ ঠাকুর- গল্পগুচ্ছ (নির্বাচিত), তারাশঙ্কর বন্দ্যোপাধ্যায় : কবি।

B. A. Honours & General

SEC- 2

Course Code : BNGSSEC02M

Course Name : মুদ্রণশিল্প ও প্রকাশনা

- প্রফ-রিডিং শিক্ষা।
- কম্পিউটারে বাংলা লিখন শিক্ষা।

Semester- 5

Bengali Honours

CC-11

Course Code : BNGACOR11T

Course Name : বাংলা উপন্যাস

- বঙ্কিমচন্দ্র চট্টোপাধ্যায়- রাজসিংহ।
- শরৎচন্দ্র চট্টোপাধ্যায়- পথের দাবী।
- তারাশঙ্কর বন্দ্যোপাধ্যায়- গণদেবতা।

- মানিক বন্দ্যোপাধ্যায় - পদ্মানদীর মাঝি।

CC-12

Course Code : BNGACOR12T

Course Name : বাংলা ছোটগল্প

- রবীন্দ্রনাথ ঠাকুর- ছোটগল্প।
- সুবোধ ঘোষের শ্রেষ্ঠ গল্প।
- স্বাধীনতা - পূর্ববর্তী বাংলা ছোটগল্প।
- স্বাধীনতা-পরবর্তী বাংলা ছোটগল্প।

DSE-1

Course Code : BNGADSE01T

Course Name : মধ্যযুগের সাহিত্য পাঠ

- কৃত্তিবাস অনুদিত রামায়ণ (আরণ্যকাণ্ড, লঙ্কাকাণ্ড)।
- বিপ্রদাস পিপলাই- মনসামঙ্গল (প্রথম পালা থেকে পঞ্চম পালা)।
- দ্বিজমাধব -মঙ্গলচণ্ডীর গীত (প্রথম পালা থেকে সপ্তম পালা)।
- ভারতচন্দ্র- অন্নদামঙ্গল (প্রথম খণ্ড)।

DSE-2

Course Code : BNGADSE02T

Course Name : বাংলা গদ্য ও প্রবন্ধ পাঠ

- বঙ্কিমচন্দ্র চট্টোপাধ্যায়- মুচিরাম গুড়ের জীবনচরিত।
- স্বামী বিবেকানন্দ - প্রাচ্য ও পাশ্চাত্য।
- রবীন্দ্রনাথ ঠাকুর- পঞ্চভূত।

- বুদ্ধদেব বসু- প্রবন্ধ-সঙ্কলন।

B. A. General

DSE-1A

Course Code : BNGGDSE1AT

Course Name : বাংলা কল্পবিজ্ঞান ও গোয়েন্দাকাহিনী

- শরদিন্দু বন্দ্যোপাধ্যায়- শজারুর কাঁটা।
- প্রমেন্দ্র মিত্র- মঙ্গলগ্রহে ঘনাদা।
- সত্যজিৎ রায়- প্রফেসর শঙ্কু।
- শীর্ষেন্দু মুখোপাধ্যায়- সিঁড়ি ভেঙে ভেঙে।

B. A. General

GE-1

Course Code : BNGGEC01T

Course Name : ভাষার ব্যবহারিক প্রয়োগ

- বিজ্ঞাপন রচনা শিক্ষা।
- প্রাতিষ্ঠানিক পত্র রচনা শিক্ষা।
- সাক্ষাৎকার রচনা শিক্ষা।
- প্রবন্ধ রচনা শিক্ষা।

Semester- 6

Bengali Honours

CC-13

Course Code : BNGACOR13T

Course Name : সংস্কৃত, ইংরেজি, হিন্দি ও অসমিয়া সাহিত্যের ইতিহাস

- সংস্কৃত সাহিত্যের ইতিহাস পাঠ।
- ইংরেজি সাহিত্যের ইতিহাস।
- হিন্দি সাহিত্যের ইতিহাস পাঠ।
- অসমিয়া সাহিত্যের ইতিহাস পাঠ।

CC-14

Course Code : BNGACOR14T

Course Name : ভ্রমণ সাহিত্য

- কৃষ্ণভাবিনী দেবী- ইংলন্ডে বঙ্গমহিলা।
- রবীন্দ্রনাথ ঠাকুর - যুরোপ প্রবাসীর পত্র।
- সৈয়দ মুজতবা আলি- দেশে বিদেশে।
- নবনীতা দেবসেন - হে পূর্ণ, তব চরণের কাছে।

DSE-1

Course Code : BNGADSE01T

Course Name : বাংলা নাটক ও নাট্যভাবনা

- শঙ্কু মিত্রের নাট্যভাবনা- সন্মার্গ সপর্ষা।
- দ্বিজেন্দ্রলাল রায়- চন্দ্রগুপ্ত।
- উৎপল দত্ত- ফেরারী ফৌজ।
- রুদ্রপ্রসাদ চক্রবর্তী- ফুলকেতুর পালা।

DSE-2

Course Code : BNGADSE02T

Course Name : বাংলা কথাসাহিত্য : মন্বন্তর, দাঙ্গা ও দেশভাগ

- বাংলা কথাসাহিত্যে মন্বন্তর, দাঙ্গা ও দেশভাগ বিষয়ক ইতিহাস পাঠ।
- বিভূতিভূষণ বন্দ্যোপাধ্যায়- অশনি সঙ্কেত।
- হাসান আজিজুল হক- আগুনপাখি।
- নির্বাচিত বাংলা ছোটগল্প পাঠ।

B. A. General

DSE-1D

Course Code : BNGGDSE1DT

Course Name : বাংলা নাটক ও প্রহসন

- দীনবন্ধু মিত্র- সধবার একাদশী। • জ্যোতিরিন্দ্রনাথ ঠাকুর- এমন কর্ম আর করব না।
- গিরীশচন্দ্র ঘোষ- সিরাজদৌলা।
- রবীন্দ্রনাথ ঠাকুর- চণ্ডালিকা।
- মন্মথ রায়- কারাগার।

B. A. General

GE-2

Course Code : BNGGGE02T

Course Name : অনুবাদ চর্চা ও বাংলা লিখন

- পরিভাষা বিষয়ে জ্ঞান অর্জন।
- যেকোনও ইংরেজি রচনা থেকে বাংলা ভাষায় অনুবাদ শিক্ষা।
- প্রতিবেদন রচনা শিক্ষা।
- সারসংক্ষেপ রচনা শিক্ষা।

Course outcomes

Core- Indian Classical Literature

1. Introducing the students to Indian epic, themes and recension.
2. Making the students aware of the theory and praxis of classical Indian drama
3. Introducing the rasa and alamkara and the fundamental tenets of Indian aesthetics.
4. Enabling the students to explore the complex and profound implications of the philosophical and ethical ideas like dharma, heroism through close examination of the literary artefacts.
5. Helping the students develop a critical and historical understanding of the Indian society and its various customs and conventions as reflected through the literatures of Pre-colonial antiquity.

Core- European Classical Literature

1. Introducing the students to the geography, myths, history, theology, politics and society of ancient Greece, the Athenian city states.
2. Enabling the students to understand the salient features of epic, comedy and tragedy in classical European Tradition.
3. Introducing the students to literary cultures in Augustan Rome.
4. Helping the students understand various concepts and ideas like Mimesis, Catharsis of European Aesthetics.

Core-Indian Writing in English

1. Introducing the students to Indian English Literature and its readership
2. Familiarising the students with the context of the Indian English novel, the aesthetics of Indian poetry
3. Orienting the students towards an understanding of modernism in Indian English literature
4. Helping the students comprehend the distinctive nature of the Indian literary works composed in English with a special focus on the postcolonial perspective

Core- British Poetry and Drama (14th-17th Century)

1. Introducing the students to the historical, political, socio-cultural background, literary cum intellectual details of British poetry and drama spanning the fourteenth to the seventeenth century
2. Making the students familiar with the generic/social history of poetry and poetic forms
3. Charting the development of English drama on the Elizabethan and Jacobean stage
4. Introducing the students to the concepts of Renaissance Humanism; the stage, court and city; religious and political thought; ideas of love and marriage and the writer in society

Core-American Literature

1. Helping the students understand the basic concepts of American literature such as the American dream, social realism, folklore and the American novel, Black women's writing and the question of form in American writing
2. Enabling the students to understand the evolution of the American society and culture and the ideologies that motivate the critical and creative exercises.
3. Making the students aware of the uniqueness of the particular literary genres of American literary tradition.

Core-Popular Literature

1. Helping the students understand the distinction between canonical and popular literature
2. Making the students identify the essential markers such as gender and identity which underlie the critical understanding of literary texts belonging to the popular genre
3. Introducing the students to the twin concepts of sense and nonsense and providing them with the critical tools of reading and responding to nonsense texts
4. Familiarising the students with the genre of the graphic novel

Core-British Poetry and Drama (17th-18th Century)

1. Introducing the students to the history, politics and socio-cultural background, religious and secular thought in the seventeenth century and its impact on literature
2. Studying poetry with special reference to the change and emergence of new forms and styles, verse satires, neoclassical norms, emergence of mock-epic
3. Understanding theatre of decadence; closing and restoration of the stage; court stage and commercial theatre; women and the theatre; comedy of manners and its detractors; beginning of stage reformation and the latter playwrights of the restoration; Dryden and heroic tragedy and domestic tragedies of Thomas Otway.

Core- 18th C British Literature

1. Studying the eighteenth century as the age of prose and reason
2. Understanding Enlightenment and Neoclassicism
3. Introducing the students to the characteristics of the mock-epic and satire; the contrast between the country and city; the rise of sensibility; the emergence of the periodical press
4. Studying the origin of the novel

Core- British Romantic Literature

1. Introduction to the background of Romantic and Victorian poetry including trends, traditions and techniques and a general overview of poets and their works.
2. Studying social, political and intellectual developments and their impact on literature
3. Helping the students comprehend conceptual topics such as the difference between reason and imagination; man and nature; literature and revolution; the gothic, dramatic monologue, utilitarianism; Victorian novel and the novelist in society; faith and doubt; marriage and sexuality

Core-19th Century British Literature

1. Understanding the nineteenth century historical background
2. Studying the growth and development of the nineteenth century novel; marriage and sexuality; the relation between the writer and society; faith and doubt
3. Introduction to the genre of the dramatic monologue

Core- Women's Writing

1. Introducing the students to the basic concepts of race, caste and gender
2. Helping the students to understand the sexual politics inherent in the study of literary texts
3. Studying the confessional mode in women's writing
4. Understanding the women's reform movement and the fight for women's rights

Core-Early 20th Century British Literature

1. Introducing the basic concepts related to modernism, post-modernism and the avant garde
2. Studying the women's movement in the early twentieth century
3. The origin of psychoanalysis and the stream of consciousness
4. Helping the students understand the use of myths in modern literature

Core - Modern European Drama

1. Introducing the students to the politics and socio-economic changes that influenced the evolution of modern European drama.
2. Developing in the students a critical perspective from which the text and performance of modern European drama can be effectively approached.
3. Introducing the students to the development of European drama from realism to absurd theatre

Core- Postcolonial Literature

1. Introducing the students to concepts of decolonization, globalization and literature; literature and identity politics; race and gender
2. Familiarizing the students to postcolonial literatures and the question of form.
3. Think critically about these texts in relation to postcolonial theory.

DSE 4- Partition Literature

1. Introducing the students to the historical events that led to India's partition and the socio-political and cultural repercussions of the partition.
2. To make the students understand and recognize the impact of the partition on the common people.
3. To introduce the students to the aspect of gender related to the existential predicament of the women resulting from displacement and communal violence.
4. To inspire the students to look at literature as a reflection of as well as a refuge from the socio-political tensions that assail a nation's life during such a critical hour like the partition.

DSE1- OLD ENGLISH, PHILOLOGY, RHETORIC AND PROSODY (Sem 5)

DSE 2- Literary Types and Terms (Sem 5)

DSE 3- Literary Criticism

1. Introducing the students to the theories and principles of literary criticism and providing them with some theoretical perspectives on literature.
2. To make the students aware of the ideological and political motivations of literary criticism.
3. To enable the students to understand the functions of literary criticism and recognize and appreciate the basic concepts of aesthetics.

ENGLCOR01T

Language through Literature

1. Exposing the students to basic grammar and vocabulary from the texts prescribed in the syllabus
2. Detailed study of prose and poems with the objective of understanding them critically as well as t

English (General)

COURSE OUTCOME

ENGGCOR01T

THE INDIVIDUAL AND SOCIETY

1. Different essays, stories and poems are included in this section to enlighten the students with the knowledge of the Indian culture, beliefs and age-old practices .
2. The students get an in-depth concept is on 'gender 'and 'race'.
3. Some other texts in this section portray life-like images of battlefields which convey the violence and meaninglessness of the wars.
4. Writings of various authors give a view of the human existence in an inter-connected world thus rendering the students an essence of living in a globalized world.

COURSE OUTCOME

ENGGCOR02T

1. An over view of Modern Indian Literature is given to make the students aware of the cultural diversities in India.

2. A concept regarding 'Dalit' lives, cultures and beliefs are explained so that they might know of this human community of Indian society

3. The focuss is given on the sprouting Indian Writings in English to help the students know of the subject-matters of Indian authors writing in English and their styles of expressions which evoke an essence of their root even in a foreign tongue.

4. Women voices of Kannada and Bangla, speaking of their lives, protests against social humiliations on the grounds of class, caste and gender are discussed to realise the lives of women in India, how they are different from the lives of men and again the women belonging to the 'upper- castes'.

ENGS AE01M

English Communication:

1. Different types and modes of communications are explained like personal, social or business oriented communications which might help the students in understanding how, in which manner to communicate with whom in regard to the the objective of communication.

2. Through the processes of dialogue-making, group discussions and learning to face interviews the skill of communication is farther enhanced from a professional perspective

3. The writing skill of communication in English language is made to develop a literary bend of mind and intellect amongst the students through proper practising of paraphrasing, writing summaries, working out different comprehension passages.

4. Through the process of learning to write CV, reports, e-mails, personal and official letters, a professional perspective of English communication is given for a pragmatic utility.

COURSE OUTCOME

ENGGCOR03T

A background study of Victorian Age is introduced initially. A general knowledge about the authors is discussed which help the students to know of the age and the authors as well. A vivid discussion of the novels and plays along with answering different questions on the them is done for better understanding of the same and so that the students find it easy while facing the questions during examinations.

ENGSSEC01M

1. This section concentrates on characteristics of good language learning and the factors behind successful language learning. This helps to learn advanced language which is applicable in various fields.

2. Through the processes of listening, speaking, reading and writing the basic of skill development of language is done to enhance the communicative skill of the students.

3. Through three steps of introducing grammar and method of translation, direct method and lastly the communicative approach, the writing skill as well as vocabulary of the students is improved.

4. With the use of text books, relevant authentic materials and other teaching aids, it is observed that proper nurturing of good language is done amongst the students.

COURSE OUTCOME

ENGLCCOR01T

Writings of Different Indian authors in English are introduced to the students. While poems of nineteenth century writers and modern poets evoke the continuous need of social recognition of women age after age, some traditional poems illuminate one's inner self.

Again in the prose section works of different writers deserve special mention in developing complete idea of Indian society and culture with its different beliefs and practices in the minds of the students.

COURSE OUTCOME

ENGLCCOR02T

In this section writings of Western writers of English Literature are introduced. The pros- pieces of the authors make the students know of the style of writings of these authors as well as of their societies and ages. Besides, the inner messages conveyed in their works evoke a philosophical significance which enriches the students internally.

In the poetry section, the poems not only enlighten the students with their deep thoughts but a stretch of ages lets one observe the changes of expressions, style, needs of the poets, of the humanity, from one age to the other, from the older times to the modern days.

Semester 4

Course Outcomes

Generic Elective

1. Introducing the students to different genres of English literature i.e. poetry, essay, fiction *et al.*
2. Familiarizing the students with the contents and art of essay writing.
3. Enabling the students to the art and craft of short fiction.

4. Helping the students to grasp the contents and form of poetry.

Skill Enhancement Course

1. Helping the students to enhance their knowledge about creative writing.
2. Enabling the students to have a proper understanding of the different modes of creative writing.
3. Encouraging the students to develop their skills for media writing which essentially differs from creative writing.
4. Helping the students to prepare the drafts and final copies for publication.

Alternative English

1. Helping the students to enhance their knowledge about notice writing, writing minutes and resolutions of a meeting.
2. Enabling the students to extend their areas of knowledge about the use of articles, phrasal verbs, appropriate prepositions, phrases, idioms etc.
3. Helping the students to strengthen their vocabulary resources.
4. Enabling the students to gather knowledge about email writing.

Semester 5

DSE01T Literary Types and Terms

1. Helping the students to gather knowledge about the basic elements of literary types such as tragedy, comedy, novel etc.
2. Facilitating the students to increase their knowledge about the art and technique of various literary types.
3. Promoting the knowledge of students about such literary terms as symbol, epic, dramatic irony, chorus etc.
4. Enabling the students to grasp the meanings and use of omniscient narrator, stream of consciousness, flat and round characters.

DSE02T Rhetoric, Prosody

1. Familiarizing the students with such figures of speech as simile, metaphor, epithet, alliteration, personification etc.
2. Helping students in scansion of such Metres as Iambic, Trochaic, Anapaestic & Dactylic.
3. Enabling the students to write essays on topics of general interest, literary subjects and technology-based issues.

ENGGGEC01M: Media and Communication

1. Helping the students to understand and assimilate the subjects of mass communication and globalization.
2. Enabling them to grasp the essential features of mass communication.
3. Helping students to familiarize with current issues dealt with by Indian journalism.
4. Providing help to the students to prepare advertisement copies, pamphlets, news reports, book reviews and film reviews.
5. Creating interest in students in performing street plays.

Semester 6

ENGGDSE04T: Soft Skills

1. Promoting skills in students in the formation of team work.
2. Enabling the students to develop their emotional intelligence.
3. Helping the students to promote their employment skills and workplace etiquette.
4. Encouraging their learning skills and skills to solve problems.

ENGGGEC02T: Gender & Human Rights

1. Encouraging students to develop their knowledge in the history of Human Rights Movements & Gender Movements.
2. Helping the students to familiarize with literature and human rights.
3. Enabling them to get acquainted with selected text i.e. *Draupadi* related to Gender and Literature
4. Providing help to students to gather knowledge on Gender Rights, Violation and their Redressal.

Education Honours and General

Programme Specific Outcomes:

- To develop a clear idea about the subject Education, like nature, scope and aim of Education, factors, different agencies of education and child centric education.
- To develop knowledge about the details history of Indian Education System.
- To gather knowledge about Educational Psychology, theories of psychology and their role and importance and impact in the field of education and education system.
- To develop knowledge about basic of Indian as well as Western Philosophy and also about the importance of different schools of philosophy in the field of Education.
- To internalize the basics of Sociology, relation between sociology and education, theories of Educational Sociology and importance of Educational Sociology in the field of Education.
- To develop the concept of an ideal organization in educational institutions, the essential functions of educational management and to understand the different aspects of planning.
- To develop the concept of guidance and counselling, various types of Guidance and basic data necessary for Guidance.
- To develop a basic understanding of educational technology, use of computer in education and communication, develop an understanding of ICT & e- learning and to get acquainted with the instructional technologies and different models of teaching.
- To develop an understanding about concept, nature, type and major approaches of curriculum, the relation among curriculum, pedagogy and assessment, understanding about curriculum development and national curriculum framework, 2005, get acquainted with content selection and selected theories in this regard and develop an understanding of evaluation and reform of curriculum.
- To justify the difference between adjustment and maladjustment by citing suitable examples and their remedial measures.
- To understand the meaning of inclusion and exclusion, types of exclusion and their causes, and how to bring about the inclusion in different spheres.

- To develop understanding the concept of measurement and evaluation in Education, process of Evaluation, types of measuring instruments and their uses, concepts of validity and reliability, and their importance in educational measurements and principles of test construction. Also to develop understanding about the criteria of constructing standardized tests and utility of statistics in the field of education.
- To develop the concept of statistics and to develop the skill in analyzing descriptive measures, concept of Normal Probability Curve and its uses in education, measures of relationship and organize relevant educational data and to represent educational data through graphs and to develop skill in analyzing and displaying data.
- To understand the concept of adjustment, maladjustment and some commonly found problem, multi-axial classification of mental disorders, different coping strategies for stressful situation and administration, scoring and interpretation of the psychological tests behaviour.
- To develop a concept of educational research, various steps to be followed for conducting a research and how to write a research proposal and review research papers.
- To develop an excellent communication skill, skills for democratic citizenship and related theories, teaching skills, life skill education, peace and value education.
- To develop consciousness about great educators and their thoughts, gender and society, population explosion and teacher education.
- To develop knowledge about Open and Distance Learning, Human right education and Women Education.

Programme Outcomes:

Education (Honours):

P.O1: Critical Evaluation: Critically analyze the reports of various committees and commissions, national policies of education. Students are also encouraged to evaluate the contribution of western and eastern educators and national leaders. They gain mastery over ICT. They also demonstrate their critical thinking through techniques of data collection, application of relevant statistical techniques to represent and analyze the data.

P.O2: Discovery and Exploration: Explore new ideas and thoughts through the application of theoretical knowledge of Education subject and statistical techniques and pedagogical analysis.

P.O3: Effectual Communication: Students demonstrate their communication skills through paper presentation on subject as well as various interdisciplinary themes.

P.O4: Sense of time and space: Relate their understanding of the theories of educational psychology, philosophical and sociological foundations, ICT, Guidance and counselling, Peace and Value education in various classroom situations and societal experiences.

P.O5: Thinking Skills: Demonstrate thinking skills by analyzing, synthesizing, evaluating factual and conceptual educational information from multiple sources and verifying the relevance of various topics by applying them.

P.O6: Self- sufficiency and Life-long Learning: Developing self-sufficiency, sincerity, independent thinking as education is a lifelong process for empowering the students to face all challenges in their future endeavours.

P.O7: Socio-Cultural- Political Awareness: The students become aware of socio-cultural-political diversity through analysis of diverse social groups, school of philosophy, religion, class, caste, culture, role of family and other institutions and agencies.

P.O8: National Integration, International understanding and Peace: Develop concern for the society, nation, as well as promote the feelings of internationalism by comparing philosophy of various educators, social and educational reformers. Various educational policies for the eradication of illiteracy, equalization of educational opportunity, UEE, inclusion, National

Disintegration, population explosion and so on are taught in order to sensitize the students. Core philosophy of Indian Constitution is also developed among the students.

P.O9: Social Interaction: Encouraging students from diverse backgrounds are provided equal opportunity for fulfilment of their needs and interests. Differently abled students are encouraged to interact with other students in an Inclusive environment. To understand the society the students interact with the members of the society.

P.O10: Solving current problems: Acquainting students with the diverse current educational problems and other related issues like SSA, Inclusive education, Unemployment, Poverty, National Disintegration and Population Explosion.

P.O11: Inculcating Values and Ethics: Applying the knowledge of education in order to inculcate awareness among students concerning racial and gender equality, human rights issues, social justice, and other values as enshrined in the Preamble of the Constitution.

P.O12: Heritage Awareness, Environment Consciousness and Sustainability: Encouraging students to understand various issues related to environment and sustainable development by acquainting them with the diverse causes that lead to social change and progress. Sensitizing the students with the cultural heritage of India in education is another key issue.

Course Outcomes:

Education (Honours)

Semester-1

CC-1: Educational Philosophy: (EDCACOR01T)

- To acquire detail knowledge about the meaning, relation and significance of philosophy and Education.
- To acquire knowledge about Indian schools of philosophy, western schools of philosophy.
- To learn the importance of Educational philosophy in today's education system.

CC-2: Educational Psychology: (EDCACOR2T)

- To acquire detail knowledge about the relation between psychology and education, meaning, nature, scope and significance of educational psychology and its importance.
- To describe the structure and function of human brain, neuron, synaptic transmission, endocrinal glands, sensation and perception.
- To understand the patterns of different aspects (cognitive, moral, psycho-social and personality) of human developments and relate this knowledge with Education.
- To describe the concept and scope of Intelligence and Creativity.
- To write down the theories of intelligence- Guilford, Gardener, Sternberg.
- To describe the characteristics of a creative person.
- To realize the relationship between intelligence, creativity and education.
- To describe the concept and scope of Learning.
- To write down the factors influencing learning.
- To write down the different theories of Learning- Pavlov, Skinner, Bandura and Vygotsky.

Semester-2

CC-3: Educational Sociology (EDCACOR03T)

- To acquire detail knowledge about the concept and scope of educational sociology.
- To write down the relationship between Education and Sociology.
- To define socialization and social mobility.
- To describe and give example of different types of social groups- primary, secondary and tertiary.
- To become aware of social groups that influence education.
- To define culture.
- To explain the interrelationship between education and culture.
- To describe the importance of folk culture in education.
- To understand the concept of 'Unity in Diversity'.
- To distinguish between Cultural lag, cultural conflict and acculturation.
- To describe National Integration and International Understanding.
- To become aware of the processes of social development in India and their impact on education.
- To define sustainable development and explain it's concept and need.
- To describe the report of Brundtland Commission.
- To be acquainted with current social issues and their relationship with education.

CC-4: Pedagogy (EDCACOR04T)

- To understand the concept and scope of Pedagogy.
- To explain the relationship between teaching and learning.
- To describe the different bases of pedagogy- philosophical, sociological and psychological.
- To differentiate between Pedagogy and Andragogy
- To understand the concept, scope, principles and functions of teaching.
- To explain the levels of teaching- autonomous, memory, understanding and reflective.
- To understand the teaching- learning of verbal conditioning and psychomotor skill.
- To explain the teaching- learning of principles and concepts.
- To explain the teaching -learning of knowledge construction.
- To describe the teaching -learning of 'problem solving'
- To apply pedagogy in class room.

Semester-3

CC-5: Education in Pre- Independence India (EDCACOR05T)

- To be acquainted with the salient features of education in India in ancient and medieval times.
- To be acquainted with the development of education in British India.

CC-6: Education in Post- Independence India (EDCACOR06T)

- To develop knowledge about the details history of Indian Education system after independence.

- To analyze critically the reports of various committees and commissions, national education policies of education
- To state the aims and objectives of Sarva Shiksha mission.
- To explain the Right to Education Act, 2009.

CC-7T: Contemporary Issues (EDCACOR07T)

- To be acquainted with the contemporary issues in education.
- To develop knowledge about language problem, problems in technical and vocational education, problems of education of backward classes, problems of adult and non- formal education, problems of equalization of educational opportunities, NCF'2009.

CC-7P: Field Tour and Report Writing (EDCACOR07P)

- To develop practical knowledge of planning and execution of an educational tour.
- To gain firsthand knowledge about a place of philosophical/ psychological /historical importance.
- To develop the skill of report writing.

Semester-4

CC-8: Educational management (EDCACOR08T)

- To understand the meaning, types, need and scope for educational management.
- To understand the concept, scope and difference between supervision and inspection.
- To state the characteristics of an effective leader in education.
- To understand the meaning, types, need and strategies of educational planning.

CC9: Basics of Educational Research and Evaluation (EDCACOR09T)

- To develop a concept of research methodology.
- To understand different types of research.
- To understand different types of sample methods
- To develop understanding of the concept of measurement and evaluation in education
- To develop understanding of the concepts of reliability and validity and their importance in educational measurement

CC10: Statistics in Education (EDCACOR10T)

- To develop the ability to organize relevant educational data
- To develop the ability to use various statistical measure in analysis and interpretation of educational data
- To develop the ability to represent educational data through graph
- To develop skill in analyzing respective measure descriptive measure

CC10P: Statistics Practical (EDCACOR10P)

- To develop skill of collecting data.
- To develop skill of data analysis by excel and software both.
- To develop skill of report writing.

Semester-5

CC11: Guidance and counselling (EDCACOR11T)

- To understand the concept of guidance and counselling
- To become aware about tools and techniques for conducting guidance and counselling services
- To understand the concept of adjustment and maladjustment
- To identify some commonly found problem behavior along with the etiology and remedial majors
- To be aware of the role of parents of educational institution in promoting mental health
- To be aware about different coping strategies for successful stress management

CC12T: Educational Technology (EDCACOR12T)

- To acquire in-depth knowledge on educational technology and its need, instructional techniques and model of teaching, system approach
- To expose the student to the basic development in educational technology
- To develop the ability to analyze classroom teaching learning and the ability to observe classroom behaviors and group dynamics

CC12P: Basic ICT (EDCACOR12P)

- To develop skill of DTP operation
- To develop skill of excel operation
- To develop skill of Power point presentation

DSE Course:

1. Women Education (EDCADSE01T):

- To develop knowledge about the historical perspectives of Women Education, contribution of Missionaries, role of British government, constitutional provision for women education, NPE-1968, 1986,1992, POA-1992, Radhakrishnan, Mudaliar and Kothari Commission, Deshmukh Committee, Hansraj Mehta Committee and Bhaktabatsalam committee recommendation on Women education.
- To develop knowledge about domestic violence Act (2005) National Commission for Women Act (1990), sexual harassment of Women at Work place Act 2013

2. Teacher Education (EDCADSE02T):

- To understand the basic concept, meaning, nature, scope, aim of objective in different level, historical perspectives and development of teacher education
- To develop knowledge about various recommendation of different commission regarding teacher education
- To state the functions of teachers, characteristics of an ideal teacher, role of teacher at present context

- To differentiate between different teaching model

3. life skill Education (EDCADSE03T):

- To develop the concept, meaning, definition, types and technique of life skill
- To know the necessities of life skill education at present context
- To state the role of agencies of education in life skill education
- To be acquainted with the problems related to life skill ducation

- **SEMESTER 6**

CC13: Curriculum Studies (EDCACOR13T):

- To develop and understanding basic concept of curriculum studies
- To differentiate between curriculum, syllabus, content
- To understand the basic of curriculum development and curriculum evaluation

CC14: Special Education (EDCACOR14T):

- To understand the concept, nature, objective and characteristics of spciaal education and inclusive education
- To develop knowledge about the historical perspective and development of special education in India
- To be acquainted with gifted and slow leaner

DSE Course:

1. Value education (EDCADSE04T)

- To develop understanding about meaning, nature, importance and classification of value
- To understand values from different perspectives
- To be acquainted with definition, nature, characteristics, causes and preventive measures of value crises
- To be acquainted with meaning, nature, approaches, learning experiences in value education to imitation, indoctrination, inculcation and internalization

2. Peace education (EDCADSE05T)

- To develop understanding about meaning, characteristics, scope and importance of peace
- To be acquainted with the various of peace education and preventive measures to overcome the barriers of peace education
- To state the function and role of UNESCO
- To be acquainted with the factor responsible for disturbing individual peace
- To be acquainted with the role of peace education in the present context

3. Environmental Education (EDCADSE06T)

- To understand the meaning , characteristics , components, scope and necessities to study environmental education
- To understand the concept, types , components , interrelation of components and energy flow in Eco-system
- To state the role of education in Eco-system
- To be acquainted with the definition, types, causes, classification and preventive and curative measures of environmental pollution.
- To state the role of education to combat various environmental pollution and the functions of CPCB.
- To develop the concept and need for environmental awareness and the role of agencies of education in promoting environmental awareness.

Education (GENERAL):

Semester1:

DSC1A/GE1: Philosophical Foundation of Education (EDCGCOR01T/EDCHGE01T):

- To acquire detail knowledge about the meaning, relation and significance of philosophy and Education.
- To acquire knowledge about the Indian schools of Philosophy and the western schools of philosophy.
- To learn the importance of educational philosophy in today's education system.

Semester-2:

DSC1B/GE2: Psychological Foundation of Education (EDCGCOR02T/EDCHGE02T):

- To acquire detail knowledge about relation between psychology and education, nature, scope and significance of educational psychology and its importance.
- To learn about stages, types, and theories of human development and their educational significance.
- To acquire detail knowledge about attention, memory and personality.

Semester-3:

DSC1C/GE3: Development of Education & Educational Policies (EDCGCOR03T/EDCHGE03T):

- To develop knowledge about the detailed history of Indian Education System from ancient to modern.

Semester-4:

DSC1D/GE4: Evaluation in Education (EDCGCOR04T/EDCHGE04T):

- To develop understanding of the concepts of measurement and evaluation in education, the process of evaluation, different types of measuring instruments and their uses.
- To develop knowledge about the concepts of validity and reliability and their importance in educational measurement and the principles of test construction.

Semester-5:

DSE1A: Sociological Foundation of Education (EDCGDSE01T):

- To acquire detail knowledge about Sociological foundation of Education and relate the theories to real life.
- To learn about social groups, social change and education, and emerging social issues in India.

DSE1A: Psychology of Learning (EDCGDSE02T):

- To understand and develop the skill about the concepts of intelligence, Creativity, Learning and related factors and theories of learning.

Semester-6:

DSE1B: Ancient Indian Education & Contemporary Issues in Indian Education (EDCGDSE03T):

- To acquire knowledge about the detailed history of Ancient Indian education system.
- To be acquainted with the various contemporary issues in Indian Education.

DSE1B: Guidance and Counselling in Education T(EDCGDSE04T):

- To gain the basic knowledge about guidance and counselling, its meaning, definitions, functions, types, techniques and types of counselling and basic data necessary for guidance.
- To acquire knowledge about the concepts, definition, scope, need for adjustment, defense mechanism, and causes and types of maladjustment.

GE For Education (General):

GE1: Teacher Education in India (EDCGGECO1T):

- To understand the basic concept, meaning, aims and objectives in different levels, historical perspectives and development of teacher education.

- To develop knowledge about various recommendations of different commission regarding teacher education, present system and role of the different agencies like NCERT, NCTE, CTE in teacher education.
- To develop detailed knowledge about the concept, types and importance of enhancement of Professional Capacity.

GE2: Inclusive Education in India (EDCGGECO2T):

- To understand the meaning, nature and importance of Inclusive Education and the development of Inclusive Education in India in the British and post- independence period.
- To develop the knowledge about meaning, nature and importance of special education and brief history, objectives and functions of RCI, NIOH, NIMH and NIVH.
- To be acquainted with the issues in Inclusive Education.

SSEC-1 Developmental Skill for Social awareness (EDCSSEC01M)

- To develop understanding about the basic concept of social awareness, social backwardness, and social advancement
- To develop skill of planning and execution of a social aware ness program
- To develop the skill of organization and participation in a social awareness programme conducted by NCC, NSS or By the College

SSEC-2 Development of observational skill (EDCSSEC02M)

- To understand, meaning, nature, characteristics, classification, advantages and disadvantages of observation
- To develop the skill of planning and execution of observation recording and interpretation of observed data
- To develop observational skill by direct visit to a socio-cultural event (book fair, local cultural fair, market survey)
- To develop the skill of writing a report on a visit

SSEC-3 Collection of Analysis of Statistical Data(EDCSSEC03M)

- To develop the skill of data collection, data analysis and interpretation of statistical data

SSEC-4 Development of environmental awareness (EDCSSEC04M)

- To be acquainted with the meaning, nature, need, importance and types of Environmental Awareness Training
- To develop the skill of planning of execution of Environmental awareness pogrammmme
- To develop the skill of organization and participation in an environmental awareness

pogramme such as tree plantation, Swachha Bharat Abhijan, Nirmal Bangla Abhijan and Clean Drive Programme etc.

- To develop the skill of report writing.

HISTORY HONOURS AND GENERAL

PROGRAMME SPECIFIC OUTCOMES

- To understand the basics of History.
- To develop understanding to solve real life social, political and inter-community problems in the context of historical experiences keeping in ethics, relevance, utility and humanism in mind.
- To understand basic principles, ethical contours, utility of historical studies.
- To have a general idea regarding the basic social, economic, political, subaltern history of India and the world.
- To have a general idea regarding the evolution of human race and their gradual progress towards modernity and accomplishments.
- To develop skill and methodologies to solve social, economic and political problems on the basis of acquired knowledge and experiences through the study of multifarious historical events, tragedies and other relevant information.
- Basic knowledge of India and World History.
- To develop inter-communal, inter-racial, international understanding for the overall welfare of the entire humanity.

COURSE OUTCOMES

B.A Honours in History

CORE COURSE:

Semester 1, Core Course 1, History of India- I (From Earliest Times to c. 300 BCE), Course Code: HISACOR01T

- Knowledge about basic concepts of Ancient Indian History, evolution of humans, their migrations, settlements all over Indian subcontinent.
- Emergence of Indian culture, religions originated in the subcontinent, emergence of cities, rulers, Kingship etc.
- To know Cultures in transition, Settlement patterns, technological and economic developments; social stratification; political relations; religion and philosophy; the Aryan Problem.

Semester 1, Core Course 2, Social Formations and Cultural Patterns of the Ancient World, Course Code: HISACOR02T

To acquire knowledge over the following domains:

- I. Evolution of humankind; Paleolithic and Mesolithic cultures.
- II. Food production: Beginnings of agriculture and animal husbandry.
- III. Bronze Age Civilizations, with reference to any one of the following: i) Egypt (Old Kingdom); ii) Mesopotamia (up to the Akkadian Empire); iii) China (Shang); IV) Eastern Mediterranean (Minoan) economy, social stratification, state structure, religion.
- IV. Nomadic groups in Central and West Asia; Debate on the advent of iron and its implications
- V. Slave society in ancient Greece: Agrarian economy, urbanization, trade.
- VI. Polis in ancient Greece: Athens and Sparta; Greek Culture.

Semester 2, Core Course 3, History of India- II (c.300 BCE to 750CE), Code: HISACOR03T

To acquire knowledge over the following periods of Indian History:

- I. Economy and Society (circa 300 BCE to circa CE 300)
- II. Changing political formations (circa 300 BCE to circa CE 300)
- III. Towards early medieval India (circa CE fourth century to CE 750)
- IV. Religion, philosophy and society (circa 300 BCE- CE 750))
- V. Cultural developments (circa 300 BCE - CE 750)

Semester 2, Core Course 4, Social Formations and Cultural Patterns of the Medieval World, Course Code: HISACOR04T

To acquire knowledge over the following domains:

- I. Roman Republic, Participate and Empire & slave society in ancient Rome: Agrarian economy, urbanization, trade.
- II. Religion and culture in ancient Rome. III. Crises of the Roman Empire.
- IV. Economic developments in Europe from the 7th to the 14th centuries: Organization of production, towns and trade, technological developments. Crisis of feudalism.
- V. Religion and culture in medieval Europe
- VI. Societies in Central Islamic Lands: (a) The tribal background, ummah, Caliph

state; rise of Sultanates (b) Religious developments: the origins of shariah, Mihna, Sufism (c) Urbanization and trade

Semester 3, Core Course 5, History of India-III (c.750 CE- 1206 CE), Course Code: HISACOR05T

To acquire knowledge over the following domains:

- I. Studying Early Medieval India
- II. Political Structures of Early Medieval India
- III. Agrarian Structure and Social Change: (a) Agricultural expansion; crops (b) Landlords and peasants (c) Proliferation of castes; status of untouchables (d) Tribes as peasants and their place in the Varna order
- IV. Trade and Commerce: (a) Inter-regional trade (b) Maritime trade (c) Forms of exchange (d) Process of urbanization (e) Merchant guilds of South India
- V. Religious and Cultural Developments: (a) Bhakti, Tantrism, Puranic traditions; Buddhism and Jainism; Popular religious cults (b) Islamic intellectual traditions: Al- Biruni; Al-Hujwiri (c) Regional languages and literature (d) Art and architecture: Evolution of regional styles.

Semester 3, Core Course 6, Rise of the Modern West-I, Code: HISACOR06T

To understand and acquire knowledge over the following domains:

- I. Transition from feudalism to capitalism: problems and theories.
- II. Early colonial expansion: motives, voyages and explorations; the conquests of the Americas: beginning of the era of colonization; mining and plantation; the African slaves.
- III. Renaissance: its social roots, city-states of Italy; spread of humanism in Europe; Art.
- IV. Origins, course and results of the European Reformation in the 16th century.
- V. Economic developments of the sixteenth century: Shift of economic balance from the Mediterranean to the Atlantic; Commercial Revolution; Influx of American silver and the Price Revolution.
- VI. Emergence of European state system: Spain; France; England; Russia.

Semester 3, Core Course 7, History of India-IV (1206 CE– 1526 CE), Code: HISACOR07T

To understand and acquire knowledge over the following domains:

I. Sources for studying/Interpreting the Delhi Sultanate Survey of sources: Persian tarikh tradition; vernacular histories; epigraphy

II. Sultanate Political Structures

Ibrahim Lodi and the battle of Panipat Theories of kingship;

Ruling elites; Sufis, ulama and the political authority; imperial monuments and coinage

III. Regional Political structures Emergence of provincial dynasties: Bahamanis, Vijayanagar and Bengal

IV. Sultanate Society and Economy-1 Iqta and the revenue-free grants Agricultural production

V. Sultanate Society and Economy-2

VI. Religion and Culture

Semester 4, Core Course 8, Rise of the Modern West - II, Code: HISACOR08T

To understand and acquire knowledge over the following domains:

I. 17th century European crisis: economic, social and political dimensions.

II. The English Revolution: major issues; political and intellectual currents.

III. Rise of modern science in relation to European society from the Renaissance to the 17th century.

IV. Mercantilism and European economics; 17th and 18th centuries.

V. European politics in the 18th century: parliamentary monarchy; patterns of Absolutism in Europe.

VI. Political and economic issues in the American Revolution. VII.

Prelude to the Industrial Revolution.

Semester 4, Core Course 9, History of India- V (1526 CE– 1757 CE), Code: HISACOR09T

To understand and acquire knowledge over the following domains:

I. Sources and Historiography Persian literary culture; translations. Literature in regional languages

II. Establishment of Mughal rule

III. Akbar and Consolidation of Mughal Empire

IV. Mughal Empire Under Aurangzeb

V. Mughal Art, Architecture & Painting

V. Patterns of Regional Politics

Semester 4, Core Course 10, History of India-VI (1757 CE -1857 CE), Code: HISACOR10T

To understand and acquire knowledge over the following periods and domains:

I. Foundations of Company's Rule

II. Legitimization of Company's rule in India

III. Rural Economy and Society

IV. Trade and Industry De industrialization

V. Renaissance and Reforms

VI. Popular Resistance Santhal uprising (1855-57); Sanyasi Uprising, Kol Bhumij uprisng, Wahabi Faraizi and Santhal Uprising, Revolt of 1857

Semester 5, Core Course 11, History of Modern Europe -I (1789 CE-1919 CE), Code: HISACOR11T

To understand and acquire knowledge over the following periods and domains:

I. The French Revolution and its European repercussions.

II. Napoleon Bonaparte and the French Revolution

III. Restoration and Revolution (1815-1848) Vienna Congress; Concert of Europe; Metternich system Greek War of Independence, Revolution of 1830 &1848, & their Impact

IV. Industrialization and socio economic transformation Industrial Revolution.

V. Age of Nationalism Unification of Italy and Germany, The second Empire in France and Louis Napoleon

VI. The Eastern Question: The Crimean War; Treaty of Paris, Balkan Nationalism

VII. Imperial Expansions

VIII. First World War and its aftermath

Semester 5, Core Course 12, History of- History of India-VII (1858 CE -1947 CE), Code: HISACOR12T

To understand and acquire knowledge over the following periods and domains:

- I. The aftermath of 1857
- II. The early phase of Indian Freedom Movement
- III. The Gandhian era
- IV. Towards freedom
- VI. Communal Politics and Partition of India

Semester 6, Core Course 13, History of India - VIII (India since 1947 CE), Code: HISACOR13T

To understand and acquire knowledge over the following periods and domains:

- I. The Nehru era: Internal policy between 1947 to 1964
- II. Towards Independence and Emergence of the New State Government of India Act 1935 Working of the GOI Act. Negotiations for Independence and Popular Movements
- III. Partition: Riots and Rehabilitation
- IV. Making of the Republic
- V. Indian Democracy at Work c1950- 1970s.
- VI. Economy, Society and Culture c 1950-1970s.

Semester 6, Core Course 14, Trends in World Politics (1919 CE-2001 CE), Code: HISACOR14T

To understand and acquire knowledge over the following periods and domains:

- I. Challenges to the new European order: Consolidation and Development of power of the Soviet State, French search for security, Rise of Fascism in Italy and Nazism in Germany, World Economic depression of 1929, the Crisis of the Inter War European Order
- II. The Road to 2nd World War
- III. United Nations Organization: its origin and functions

- IV. Cold War and the emergence of bipolar politics
- V. Détente and disintegration of the Soviet Bloc– Iranian Revolution – Afghanistan in turmoil
- VI. Globalization and its impact – Rise of Terrorism – 9/11 and its impact.

DSE COURSE:

Semester 5, DSE Course-Group A (a), Aspects of the History of Modern South East Asia – I, Course Code: HISADSE01T

To understand and acquire knowledge over the following periods and domains:

- I. Historical writings on Southeast Asia in the early 20th century – Debates on the question of ‘Indianisation’ – Post-War historiography and the ‘autonomy’ of Southeast Asia.
- II. (a) Growth of early European interests in Southeast Asia: 16th to 18th centuries. (b) Establishment of the colonial regimes in the 19th century:
- III. (a) Pre-colonial polity, society, economy and culture in Southeast Asia – a brief survey. (b) Colonial impact on society (c) Independent modernisation of Siam from Mongkut to Vajiravudh.
- IV. Economic impact of colonialism: (a) Dutch domination in Indonesia – from the Culture system to the Liberal system. (b) Colonial policy and land question in Indochina – communication and plantation economy. (c) British economic policy in Burma – agricultural expansion. (d) Development of plantation economy in Malay. (e) Singapore as a strategic defence centre and its growing significance in international economy
- V. Nationalism in Indonesia

Semester 5, DSE Course-Group A (b), Aspects of the History of Modern South East Asia –II, Course Code: HISADSE02T

To understand and acquire knowledge over the following periods and domains:

- I. Early nationalist protest movement against French rule in Indochina
- II. Nationalism and religion in Burma
- III. Growth of anti-Spanish sentiments in the Philippines — Transfer of power and birth of a republic (1946).
- IV. Growth of nationalism in British Malaya – National liberation movement – Malaya Union Plan.
- V. Decolonisation and cold war politics – Regional cooperation initiatives: SEATO, ASA, ASEAN and NAM

Semester 5, DSE Course-Group A(c), *History of The United States Of America (1776 CE -1864 CE, Course Code: HISADSE03T*

To understand and acquire knowledge over the following periods and domains:

I The Background: [a] The land and the aborigines. [b] European settlement and colonization. [c] Early colonial society and politics; indentured labour: White and Black.

II Independence and making of the Republic

III Evolution of American Democracy

IV Early Capitalism

V Foreign Policy: Isolationism and involvement; War of 1812: Monroe Doctrine: Manifest Destiny.

VI Slavery to Civil War

Semester 6, DSE Course-Group B(a), *History of Modern East Asia-1 (1839 CE -1919 CE, Course Code: HISADSE04T*

To understand and acquire knowledge over the following periods and domains:

I. Pre-colonial China

II. Anglo Chinese relations till the Opium War

III. Rebellion, Restoration and Nationalism

IV. Pre-Meiji Japan

V. Meiji Restoration

VI. Expansion of Japan up to the First World War

Semester 6, DSE Course-Group B(b), *History of Modern East Asia II (1919 CE-1939 CE), Course Code: HISADSE05T*

To understand and acquire knowledge over the following periods and domains:

I. Nationalism in China

II. The Kuomintang and the Nationalist government

III. The Communist Victory in China

IV. Rise of modern Japan

- V. Imperial Japan
- VI. Japan and World War II

Semester 6, DSE Course-Group B(c), History of The United States Of America (1865 CE-1945 CE), Course Code: HISADSE06T

To understand and acquire knowledge over the following periods and domains:

- I. Reconstruction: [a] Conservative and Radical phases. [b] The New South: Participants and Reactions, Carpetbaggers; Scalawags, Blacks, Ku Klux Klan.
- II. Industrial America
- III. Resistance and Reform
- IV. The U.S.A. becomes a world power: [a] Spanish-American War [b] Expansion in the Far East and Latin America [c] World War I, Fourteen Points and Isolationism [d] USA and World War II
- V. Afro-American and Women's Movements
- VI. Religious, Cultural and Intellectual Trends

SEC Courses:

SEM-3, SEC Course-1, Archives and Museums in India, Course Code: HISSSEC01M

This course introduces students to the institutions that house and maintain documentary, visual and material remains of the past. Museums and archives are among the most important such repositories and this course explains their significance and how they work.

SEM-4, SEC Course-2, Understanding Indian Art, Course Code: HISSSEC02M

The purpose of this course is to introduce students to Indian art, from ancient to contemporary times, in order to understand and appreciate its diversity and its aesthetic richness. The course will equip students with the abilities to understand art as a medium of cultural expression. It will give students direct exposure to Indian art through visuals and projects

SEM-5, SEC Course-3, An Introduction to Archaeology, Course Code: HISSSEC03M

To understand and acquire knowledge over the following periods and domains:

- I. Definition and Components
- II. Historiographical Trends
- III. Research Methodologies
- IV. Definition of Historical Sites & Explorations

V. Field Work and Tools of research

VI. Documentation, Codification, Classification, Analysis of findings and publications

SEM-6, SEC Course-4, Understanding Popular Culture, Course Code: HISSECO4M

To understand and acquire knowledge over the following periods and domains:

I. Introduction a. Defining elite and popular culture b. Differences in their forms, contents and patterns of presentations c. Changing traditions of Folk songs, music, literature and dances

II. a. Visual Expressions a. Folk Art, Calendar Art, Photography. b. Audio-visual mode of presentation cinema & television. c. Expressions of popular culture in dance , drama, films and painting

III. Performance and Participations: a. Theatre, music, folk songs and jatra: b. Identifying themes, functionality, anxieties. c. Fairs, Festivals and Rituals, Disentangling mythological stories, patronage, regional variations.

IV. Popular Culture in a globalized world. The impact of the internet and audio-visual media on popular culture

BA General in History

Semester 1, DSC 1/GE 1, History of India from Earliest Times up to 300 CE, Code HISGCOR01T/HISHGEC01T

To understand and acquire knowledge over the following periods and domains:

I. Sources & Interpretation

II. A broad survey of Palaeolithic, Mesolithic and Neolithic Cultures.

III. Harappan Civilization

IV. The Vedic Period

V. Territorial States and the rise of Magadha

VI. Iranian and Macedonian Invasions, Alexander's Invasion and impact

VII. Jainism and Buddhism

VIII. The Satvahanas Phase

IX. Emergence and Growth of Mauryan Empire

X. The Sangam Age

Semester 2, DSC 2/GE 2, History of India from. c. 300 to 1206 CE, Code HISGCOR02T/HISHGEC02T

To understand and acquire knowledge over the following periods and domains:

I. The Rise & Growth of the Guptas

II. Harsha & His Times

III. South India: Polity, Society, and Economy and Culture

IV. Towards the Early Medieval

V. Evolution of Political structures of Rashtakutas, Pala &Pratiharas.

VI. Emergence of Rajput States in Northern India:

VII. Arabs in Sindh: Polity, Religion &Society.

VIII. Struggle for power in Northern India and establishment of Sultanate

Semester 3, DSC 3/GE 3, History of India from 1206 CE to1707 CE, Code HISGCOR03T/HISHGEC03T

To understand and acquire knowledge over the following periods and domains:

I. Foundation, Expansion &consolidation of the Delhi Sultanate

II. Military, administrative &economic reforms under the Khiljis & the Tughlaqs.

III. Bhakti &Sufi Movements.

IV. Provincial kingdoms: Mewar, Bengal, Vijaynagar and Bahamani.

V. Second Afghan State.

VI. Emergence and consolidation of Mughal State, C.16th century to mid 17th century.

- VII. Akbar to Aurangzeb
- VIII. Economy, Society and Culture under the Mughals.
- IX. Emergence of Maratha Power.

Semester 4, DSC 4/GE 4, History of India (1707-1950 CE.), Code HISGCOR04T/HISHGEC04T

To understand and acquire knowledge over the following periods and domains:

- I. Interpreting the 18th Century.
- II. Emergence of Independent States & establishment of Colonial power.
- III. Expansion & consolidation of Colonial Power upto 1857.
- IV. Uprising of 1857: Causes, Nature & Aftermath.
- V. Colonial economy: Agriculture, Trade & Industry.
- VI. Socio-Religious Movements in the 19th century.
- VII. Emergence & Growth of Nationalism with focus on Gandhian nationalism.
- VIII. Communalism: Genesis, Growth and partition of India.
- IX. Advent of Freedom: Constituent Assembly, establishment of Republic.

Semester 5, DSE Course-1(a), Society and Economy of Modern Europe: c.15th – 18th century, HISGDSE01T

To understand and acquire knowledge over the following periods and domains:

- I: Historiographical Trends
- II. Feudal Crisis: Main strands
- III. Renaissance: Origin, Spread & Dominant Features
- IV. European Reformation: Genesis, nature & Impact
- V. Beginning of the era of colonization: motives; mining and plantation; the African slaves
- VI. Economic developments of the sixteenth century; Shift of economic balance from the Mediterranean to the Atlantic
- VII. Transition from Feudalism to Capitalism: Industrial Revolution in England

Semester 5, DSE Course-1(b), Patterns of Capitalism in Europe: 16th Century to early 20th Century, HISGDSE02T

To understand and acquire knowledge over the following periods and domains:

- I. Definitions & Concepts
- II. Commercial Capitalism: 1500-1700
- III. Industrial Revolution in England: Causes and Nature IV.
Industrial Capitalism in France: Genesis and Nature V.
Growth of Industries in Germany
- VI. Impact of Industrial Revolution on European Society, Polity & Economy.

Semester 6, DSE Course-2(a), Political History of Modern Europe: c. 15th – 18th century, HISGDSE03T

To understand and acquire knowledge over the following periods and domains:

- I: Historiographical Trends
- II. Feudal Crisis: Main strands
- III. Renaissance: Origin, Spread & Dominant Features
- IV. European Reformation: Genesis, nature and Impact
- V. Beginning of the era of colonization: motives; mining and plantation; the African slaves
- VI. Economic developments of the sixteenth century; Shift of economic balance from the Mediterranean to the Atlantic
- VII. Transition from Feudalism to Capitalism: Industrial Revolution in England

Semester 6, DSE Course-2(b), Some Aspects of European History: c.1780-1939 CE, HISGDSE04T

To understand and acquire knowledge over the following periods and domains:

- I. The French Revolution: Genesis Nature & Consequences
- II. Napoleonic Era and aftermath. III.
Revolutions of 1830 & 1848. IV.
Unification of Italy & Germany.

V. Social and economic Changes.

VI. Imperialist Conflicts: W.W I VII.

Rise of Fascism and Nazism. VIII.

Origin of W.W.II

GENERIC ELECTIVE (GE) : 2

SEM-5, GE1, History of Indian Journalism: Colonial and Post Colonial Period, Course Code: HISGGEC01T

To understand and acquire knowledge over the following periods and domains:

- I. Pre-colonial History of written records & modalities of dissemination
- II. Advent of Print media :Imperialist Ideologies
- III. Nationalism and Print Culture in Bengal: Selective study of prominent newspapers: *Amrita Bazar Patrika*, *Ananda Bazar Patrika* and *Hindusthan Standard*
- IV. Writing and Reporting

SEM-6, GE2, Some Perspectives of Women's Rights in India, Course Code: HISGGEC02T

To understand and acquire knowledge over the following periods and domains:

- I. Definition of Human Rights
- II. Indian Constitution and Women's Rights
- III. Preventive Acts: Minimum Wage Act,1948, Family Courts Act,1986, Dowry Prohibition Act, 1961,Immoral Traffic Prevention Act,1986, Domestic Violence Act, PNDT Act,1994, latest measures
- IV. Issues of violence against women and remedial measures
- V. Role of Non Government Institutions
- VI. Present Status: Issues of enabling & empowering modalities.

Programme Specific Outcome (PSO)

The BA Honours Political Science syllabus provides the students with an intensive and extensive knowledge in the domain of theory and practices of Political Science at the local, state, national and global levels. The programme is designed in such a way which brings out the best potentials of the students; encourages them to take part in the social and political life of the nation in a meaningful and responsible manner; and also enables them to get opportunity to continue their studies at the university level, employment in various important sectors, such as teaching, administration, journalism, and media and also in society-centric NGOs. The programme also encourages the young learners of the department to develop critical intellectual perceptions towards the issue of politics and welfare of the people.

COURSE OUTCOME

Paper – 1 Understanding Political Theory **Paper Code: PLSACOR01T**

- a. Students will learn what is Politics and how to Theorize the 'Political'.
- b. They will learn different approaches of political theory like Traditional, Marxist, Behavioral and Post Behavioral theories.
- c. They will learn different models of studying Political Theory like Authority Models, System Analysis and Structural functional model, etc.
- d. They will learn Critical and Contemporary Perspective in Political Theory that is Postmodern theory.

Paper – 2 Constitutional Government and Democracy in India **Paper Code: PLSACOR02T**

- a. The students of this department will have deep knowledge of Indian Constitution specifically: The Constituent Assembly, Philosophy of the Constitution and the Preamble.
- b. They will learn different Features of the Constitution
- c. Most importantly, they will have wide knowledge regarding Fundamental Rights and Directive Principles given in the constitution of India.
- d. They will learn different aspects related to Indian Federalism like the basic features of Federalism, the nature of Indian federalism and a comparative analysis of the different federal government of the world.
- e. The students of this department will be well informed about different organs of the government at the Centre as well as at the states level like The Legislature: Parliament and specifically Legislative Assemblies, The Executive: President and

Prime Minister, Governor, Chief Minister and The Judiciary: the Supreme Court and the High courts, etc

Paper – 3 Political Theory-Concepts and Debates
Paper Code: PLSACOR03T

- a. The students will learn the core concepts of the political theory such as the concept of nationalism and nation state, the concept of sovereignty, their types and understand the major limitations of the state sovereignty in the globalised era.
- b. The students will acquire information about different Political Concepts and their importance. These concepts are-- Freedom - Negative Freedom: Liberty, Positive Freedom: Freedom as Emancipation and Development; and Important Issue: Freedom of belief, expression and dissent.
- c. Equality - Formal Equality: Equality of opportunity, Political equality , Egalitarianism
i.e. Background inequalities and differential treatment and Important Issues like Affirmative action
- d. Justice - Procedural Justice, Distributive Justice, Global Justice and Important Issues related to justice like Capital punishment.
- e. Rights - Natural Rights, Moral and Legal Rights, Three Generations of Rights d. Rights and Obligations Important Issue: Rights of the girl child Section.
- f. They will learn about Major theories of the state like the Idealist theory, Liberal and Neo-liberal Theories etc.

Paper – 4 Political Process in India
Paper Code: PLSACOR04T

- a. Students of this department will have comprehensive knowledge of Indian Political Parties and the Party System; they will be able to identify the determinants of Voting Behaviour like Caste, Class, Gender and Religion.
- b. They will learn different issues related to the political process in India such as Regional Aspirations , the Politics of Secession and Accommodation , Religion and Politics Debates on Secularism; Minority and Majority Communalism , Caste and Politics Caste in Politics and the Politicization of Caste , Affirmative Action Policies Women, Caste and Class.
- c. Students will also learn the major concerns of Indian democracy like the corruption and preventive measures to curb it and the role of media in Indian politics.

Paper-5 Introduction to Comparative Government and Politics
Paper Code: PLSACOR05T

- a. The students of the department of Political Science will have a comprehensive Understanding of Comparative Politics, its Nature and scope which will take them beyond Euro centrism.
- b. They will know the Historical context of modern governments which include Capitalism, globalization, Socialism, Colonialism, decolonization and anti-colonialism struggles and process of decolonization. They will study of comparatively the constitutional developments and political economy in the following countries: Britain, Brazil, and China.

Paper-6 Perspectives on Public Administration

Paper Code: PLSACOR06T

- a. The department teaches its students, different theoretical and practical aspects of Public Administration Public administration as a discipline Meaning, Dimensions and Significance of the Discipline Public and Private Administration, Evolution of Public Administration.
- b. They are informed about different Theories of Public Administration like Scientific management (F.W.Taylor) Administrative Management (Gullick, Urwick and Fayol) Ideal-type bureaucracy (Max Weber) Neo-classical theories.
- c. Human relations theory (Elton Mayo) Rational decision-making (Herbert Simon) Contemporary theories Ecological approach (Fred Riggs) Innovation and Entrepreneurship (Peter Drucker)
- d. They will learn Public policy; it's Concept, relevance and approaches Formulation, implementation and evaluation.
- e. They will learn Major approaches in public administration like New Public Administration, New Public Management, New Public Service Approach, Good Governance, Feminist Perspectives.

Paper-7: Perspectives on International Relations and World History Paper code:

PLSACOR07T

- a. By studying International Relations, students will learn how to understand International Relations, Levels of Analysis History and IR: Emergence of the International State System.
- b. They will have idea of Pre-Westphalia, Westphalia and Post-Westphalia state systems.
- c. They will learn Theories of IR like Classical Realism & Neo-Realism, Liberalism & Neoliberalism, Marxist Approaches, Feminist Perspectives, Eurocentricism and Perspectives from the Global South.
- d. They will also get an overview of Twentieth Century IR History and learn about events like World War, Bolshevik Revolution, Rise of Fascism / Nazism, World War II, Cold War, Emergence of the Third World, Collapse of the USSR and the End of the Cold War, Post Cold War Developments and Emergence of Other Power Centers of Power.

Paper-8: Political Processes and Institutions in Comparative Perspective Paper code:

PLSACOR08T

- a. Students will learn different Approaches to Study Comparative Politics; these are Political Culture, New Institutionalism.
- b. They will gain knowledge of Electoral System, its Definition and procedures and Types of election system such as First Past the Post, Proportional Representation, Mixed Representation.

- c. Party System Historical contexts of emergence of the party system and types of parties
- d. They will have understanding of Nation-state, its Historical evolution in Western Europe and postcolonial contexts 'Nation' and 'State' debates.
- e. They will learn Democratization, Process of democratization in postcolonial, post-authoritarian and post-communist countries
- f. They will learn about Federalism, Historical context Federation and Confederation: debates around territorial division of power.

PAPER-9: Public Policy and Administration in India

Paper code: PLSACOR

- a. Students will know Public Policy, its Definition, characteristics and models, particularly Public Policy Process in India
- b. They will learn the Meaning of Decentralization, its significance, approaches and types of decentralization, Local Self Governance: Rural and Urban
- c. They will learn the Concept and Significance of Budget, Budget Cycle in India
- d. They will know the process of Citizen and Administration Interface i.e. Public Service Delivery, Redressal of Public Grievances through - RTI, Lokpal, Citizens' Charter and E-Governance.
- e. They will learn Concept and Approaches of Social Welfare Administration, Social Welfare Policies in the sphere of Education (Right To Education), Health (National Health Mission), Food (Right To Food Security) Employment (MNREGA)

Paper-10: Global Politics

Paper code:

PLSACOR10T

- a. Students will have understanding of the Conception and alternative Perspectives of Globalization Debates on Sovereignty and Territoriality
- b. They will learn about Global Economy, Its Significance and Anchors like IMF, World Bank, WTO, TNCs
- c. They will know globalization from Cultural and Technological Dimension.
- d. They will acquire knowledge regarding Global Resistances (Global Social Movements and NGOs), Contemporary Global Issues a. Ecological Issues: Historical Overview of International Environmental Agreements, Climate Change, Global Commons Debate b. Proliferation of Nuclear Weapons c. International Terrorism: Non-State Actors and State Terrorism; Post 9/11 developments d. Migration e. Human Security.
- e. They will learn about Global Shifts in terms of Power and Governance.

Paper -11: Classical Political

Philosophy Paper code:

PLSACOR11T

- a. Students of the department will study texts of Plato and interpretations of his Philosophy and Politics, Theory of Forms, Justice, Philosopher King/Queen, Communism Presentation theme: Critique of Democracy; Women and Guardianship, Censorship
- b. They will also study texts of Aristotle and interpretations of his ideas of Forms, Virtue, Citizenship, Justice, State and Household Presentation themes: Classification of governments; man as zoon politikon
- c. They will learn ideas of Machiavelli like, his ideas of Virtue, Religion, Republicanism Presentation themes: morality and statecraft; vice and virtue
- d. They will learn Possessive Individualism, Hobbes's ideas of Human nature, State of Nature, Social Contract, State Presentation themes: State of nature; social contract; Leviathan; atomistic individuals.
- e. Locke's idea Laws of Nature, Natural Rights, Property, Presentation themes: Natural rights; right to dissent; justification of property.

Paper-12: Indian Political

Thought IPaper code:

PLSACOR12T

- a. Students of the department will learn Traditions of Pre-colonial Indian Political Thought like Brahmanic and Shramanic , Islamic and Syncretic.
- b. They will learn about Ved Vyasa (Shantiparva): Rajadharma , Manu: Social Laws , Kautilya: Theory of State , Aggannasutta (Digha Nikaya): Theory of kingship , Barani: Ideal Polity , Abul Fazal: Monarchy, Kabir: Syncretism
- c. They will learn some thoughts of Islamic and Syncretic thoughts such as Barani's Ideal polity, the concept of Monarchy of Abul Fazal and syncretism of Kabir.

Paper-13: Modern Political Philosophy

Paper code: PLSACOR13T

- a. Students of the department will learn about Modernity and its discourses, they will be introduced to the idea of modernity and the discourses around modernity.
- b. They will learn Jean Jacques Rousseau, his ideas on General Will; local or direct democracy; self-government; origin of inequality and Mary Wollstonecraft, her ideas on Women and paternalism; critique of Rousseau's idea of education; legal rights.
- c. They will learn thoughts of Liberal socialist John Stuart Mill Presentation themes particularly his ideas on Liberty, suffrage and subjection of women, right of minorities; utility principle.
- d. They will learn thoughts of Radicals like Karl Marx, particularly his ideas on Alienation; difference with other kinds of materialism; class struggle and Alexandra Kollontai , his ideas on Winged and wingless Eros; proletarian woman; socialization of housework; disagreement with Lenin.

Paper -14: Indian Political Thought- II

Paper code: PLSACOR14T

- a. They will be introduced to Modern Indian Political Thought.
- b. They will learn political thoughts of - Rammohan Roy: Rights , Pandita Ramabai: Gender, Vivekananda: Ideal Society , Gandhi: Swaraj, Ambedkar: Social Justice , Tagore: Critique of Nationalism , Iqbal: Community, Savarkar: Hindutva , Nehru: Secularism, Lohia: Socialism.

Programme outcome and course outcome
(For the Hons. students with subjects other than Political Science/ General Students)

Paper I: Introduction to Political Theory
Paper code: PLSHGEC01T/PLSGCOR01T

Students will learn what is Politics and how to Theorize the 'Political'.

They will acquire knowledge of different ideas like Liberty, Equality, Justice, Rights, Gender, Citizenship, Civil Society and State. Students will be aware of The history of Democracy.

They will learn different types of democracy

Paper: II - Indian Government and Politics
Paper Code: PLSHGE02T/PLSGCOR02T

- a. The students will learn Indian Constitution: basic features, debates on Fundamental Rights and Directive Principles
- b. The students of this department will have deep knowledge of Indian Constitution specifically: The Constituent Assembly, Philosophy of the Constitution, the Preamble.
- c. They will learn different Features of the Constitution Most importantly; they will have wide knowledge regarding Fundamental Rights and Directive Principles given in the constitution of India.
- d. Institutional Functioning: Prime Minister, Parliament and Judiciary
- e. They will acquire knowledge of the executive and legislative part of Indian Government.
- f. Power Structure in India: Caste, class and patriarchy
- g. Students of the Department will learn the importance of cast system and impact of classes on Indian state.
- h. Religion and Politics: debates on secularism and communalism
- i. They will learn the importance of the values of secularism in Indian state system and negative impact of communalism on the diversity of the population of this country.

Paper III: Comparative Government and Politics

Paper code: PLSHGEC01T3T/PLSGCOR03T

1. The nature, scope and methods of comparative political analysis
They will learn the method of studying Politics from a comparative perspective,
2. Comparing Regimes: Authoritarian and Democratic
Students will be able to distinguish between authoritarian and democratic form of government.
3. Classifications of political systems:
 - a) Parliamentary and Presidential: UK and USA
 - b) Federal and Unitary: Canada and China
 Students will be able to differentiate presidential and parliamentary systems as well as they will be able to distinguish federal government from unitary system.
4. Electoral Systems: First past the post, proportional representation, mixed system
They will be aware of the different electoral systems.
5. Party Systems: one-party, two-party and multi-party systems;
They will acquire knowledge of different types of party Systems and their importance.
6. Contemporary debates on the nature of state: From state centric security to humancentric security and the changing nature of nation-state in the context of globalization. They will understand the security system Indian state.
Students will understand the changing nature of Indian state under the impact of globalization.

Paper IV: Introduction to International Relations

Paper code: PLSHGE04T/PLSGCOR04T

1. Approaches to International Relations
Students will learn different approaches used in international relations like Classical Realism, Neo-Realism, Neo-Liberalism, World Systems Approach and Feminist Perspective
2. Cold War & Post-Cold War Era
They will learn about the Second World War & various aspects of cold war and Detente
End of Cold War, Collapse of the Soviet Union and emergence of new power centres.
3. India's Foreign Policy
Students will acquire knowledge of Indian foreign policy and India's commitment towards Non-alignment movement.

SKILLENHANCEMENT COURSE

Paper: Democratic Awareness with Legal Literacy Paper code: PLSSEEC01M

Unit I

Students will be enriched with the skills with the knowledge of the Legal system in India

- System of courts/tribunals and their jurisdiction in India-criminal and civil courts, writ jurisdiction, specialised courts such as juvenile courts, Mahila courts and tribunals.
- Role of the police and executive in criminal law administration.
- Alternate dispute mechanisms such as lokadalats, non- formal mechanisms.

Unit II

Students will be enriched with the

- Brief understanding of the laws applicable in India
- Constitution - fundamental rights, fundamental duties, other constitutional rights and their manner of enforcement, with emphasis on public interest litigation and the expansion of certain rights under Article 21 of the Constitution.
- Laws relating to criminal jurisdiction - provision relating to filing an FIR, arrest, bail search and seizure and some understanding of the questions of evidence
- procedure in Cr. P.C. and related laws, important offences under the Indian Penal Code, offences against women, juvenile justice, prevention of atrocities
- Concepts like Burden of Proof, Presumption of Innocence, Principles of Natural Justice, Fair comment under Contempt laws.
- Personal laws in India : Pluralism and Democracy
- Laws relating to contract, property and tenancy laws.
- Laws relating to dowry, sexual harassment and violence against women
- Laws relating to consumer rights
- Laws relating to cyber crimes
- Anti-terrorist laws: implications for security and human rights
- Practical application: Visit to either a (I) court or (ii) a legal aid centre set up by the Legal Services Authority or an NGO or (iii) a LokAdalat, and to interview a litigant or person being counselled, Preparation of a case history.

Unit III

- Access to courts and enforcement of rights
- Critical Understanding of the Functioning of the Legal System

on Scheduled Castes

- Legal Services Authorities Act and right to legal aid, ADR systems

They will also learn what to do if they are arrested; if they are a consumer with a grievance; if they are a Victim of sexual harassment; domestic violence, child abuse, caste, ethnic and Religious

Public Opinion and Survey Research:

Paper code: PLSSEEC02M

I. Introduction to the course

Students will be able to sharpen their skills in the public domain with their knowledge of Public opinion, its conceptions and characteristics, its role in a democratic political system and uses for opinion poll.

II. Measuring Public Opinion with Surveys:

They will learn

- a. What is sampling? Why do we need to sample? Sample design.
- b. Sampling error and non-response
- c. Types of sampling: Non random sampling (quota, purposive and snowball sampling); random sampling: simple and stratified

III. Survey Research: they will learn different techniques of survey Research like

- a. Interviewing: Interview techniques pitfalls, different types of and forms of Interview
- b. Questionnaire: Question wording; fairness and clarity.

IV. Quantitative Data Analysis

Students will learn to use Quantitative Data Analysis, co relational research, causation and prediction, descriptive and

Inferential Statistics

V. Interpreting polls: they will learn to interpret polls

They will acquire skills for Prediction in polling research and also the possibilities and pitfalls associated with it. They will learn the Politics of interpreting polling.

DISCIPLINE SPECIFIC ELECTIVE (DSE)

Paper: Reading Gandhi

Paper code: PLSADSE01T/PLSGDSE01T

- a. Students of the department will learn Gandhi's concepts of modern civilization, modernity and development, theory of Satyagraha, women development, peace and preservation of nature and able to understand the relevance of Gandhi's concepts in the contemporary world.

Paper: Women, Power and Politics

Paper code: PLSADSE02T/PLSGDSE02T

- a. Students of the department will learn the major approaches to understanding patriarchy, the basic concepts of different schools of feminism and the position of women in India.

Paper: Understanding Global Politics
Papercode: PLSADSE03T/PLSGDSE03T

- a. Students will acquire knowledge of the Concept of Globalisation:
- b. Students will be informed about International Institutions like World Bank, International Monetary Fund, The World Trade Organisation
- c. Students will be informed about Alternative Perspectives on Globalisation, its nature and character, and different dimensions like economic, political and cultural
- d. They will learn about the impact of Globalisation and Politics in developing countries and understand the present global environmental issues.

Paper: Public Policy in India

Paper code: PLSADSE04T/PLSGDSE04T

- a. Students will acquire knowledge about the policy in the context of the theories of state, the role of Interest groups and Social movement in the formulation of the policy of a state.
 - b. Students will learn the major models of policy making and apply these models in understanding the India's policy making aspects.
 - c. Students will understand the ideological background of Nehru's policy and India's structural adjustment policy and its contemporary nature.
- Paper: Human Rights in a Comparative perspective Paper code:

PLSADSE05T/PLSGGECO1T

- a. Students will comprehend the nature and the development of the concept of human rights, the process of institutionalization in the international level, human rights in Indian constitution as well as South African Constitution.
- b. Student can compare the issues of torture, censorship, terrorism and the issue of minority rights of different states. They also understand the violation of human rights on the ground of caste, race, gender, etc and debates over the rights of the aboriginal over the land particularly in India and Australia.

Paper: Governance: Issues and Challenges Paper code: PLSADSE06T/PLSGGECO1T

- a. Students will be able to differentiate the concept of government and governance and the role of a state in the era of globalization, market and civil society.

- b. They will understand the governance related to environment and the recent phenomenon of the governance like electronic governance, corporate responsibility and recent laws related to governance, etc.

Overall Outcome

At the end of the entire UG course in Political Science, a successfully passed out student will be able to

- a. Pursue higher study in Political Science or Public Administration or International Relations.
- b. The Student will be able to pursue his higher study in the field of Journalism, Public Relations.
- c. The Student will be able to compete in Government Services like WBCS, IAS, IPS, IFS, etc.
- d. The Student will be able to pursue his/her career in media houses.

B.Sc (Geography) Honours and General

Geography attempts to explore the relationship of man with his environment-both physical and social. Geography seeks to understand where things are found, why they are there, and how they develop and change over time. The study of the diverse environments, places, and spaces of Earth's surface and their interactions.

Choice Based Credit System (CBCS): Syllabus in Geography

In compliance with recent directives from the University Grants Commission, the undergraduate syllabus for Geography is reframed into Choice Based Credit System largely following the model syllabus prepared by the West Bengal State Council of Higher Education.

Programme Specific Outcomes

- To understand the principles of Earth Science in general and Geography in particular
- To read, interpret, and generate maps and other geographic representations as well as extract, analyze, and present information from a spatial perspective.
- In the course of field surveys, students acquire a greater understanding of the socio-economic and cultural dimensions of the populations
- Field studies enable the students to understand the landforms, geomorphic process and associated hazards as well as the influence physical environment has on culture.
- Provide training to students in handling instruments and methods like Aerial Photographs, Satellite Imagery, Dumpy Level, Prismatic Compass
- Computer-based techniques (RS & GIS) are incorporated in the syllabus which prepares the students for further analytical studies

Course outcomes

Code (Theory)	Code (Practical)	Outcome	Course name
GEOACOR01T	GEOACOR01P	Understand earth's tectonic and structural evolution. Gain knowledge about earth's interior, concept of plate tectonics, and resultant landforms. Explanation of different types of geomorphic processes like weathering and mass wasting and cycle of erosion. Understand the processes of erosion, deposition and resulting landforms. Acquire knowledge about types of folds and faults and earthquakes, volcanoes	Geotectonics and Geomorphology

		and associated landforms etc. To practice of Megascopic identification of (a) mineral samples:(b) rock samples and interpretation of geological maps.	
GEOACOR02T	GEOACOR02P	Acquire knowledge in theoretical concept, derivation and plotting of map projection,develop understanding of topographical maps Develop an idea about scale and draw different types of scale like linear, diagonal and Vernier ,interpreting topographical maps	Cartographic Techniques
GEOACOR03T		Comprehend the major themes of human Geography,acquire knowledge evolution of Humans, Understand the approaches and processes of Human Geography as well as the diverse patterns of habitat and adaptations, concept of race,tribe, space and society	Human Geography
GEOACOR04T	GEOACOR04P	To understand the concept of rounding, scientific notation, logarithm and anti-logarithm, natural and log scales, diagrammatically represent Line, Bar, Isopleths, learn to represent of area data: Dots and spheres, proportional circles and Choropleth, interpreting land use land cover maps,socio-economic maps, understand the concept of Bearing: Magnetic and true, whole-circle and reduced, understand the basic concepts of surveying and survey equipment Preparation of thematic maps,surveying using prismatic compass and dumpy level	Cartograms and Thematic Mapping
GEOACOR05T	GEOACOR05P	Acquire clear concepts of climatology, greater understanding of the nature and scope of climatology; ocean atmospheric interaction; climate change and its impacts Interpretation of daily weather map,hythergraph andclimograph (G. Taylor),Construction and interpretation of wind rose	Climatology

GEOACOR06T		Understand physiographic divisions ,Climate, soil and vegetation,Population,Tribes of India, agricultural regions,mineral and power,Industrial development: Automobile and information technology, regionalisation of India and regional issues: Darjeeling Hills and Sundarban	Geography of India
GEOACOR07T	GEOACOR07P	Learn the significance of statistics in geography, understand the importance of use of data in geography, recognize the importance and application of Statistics in Geography, interpret statistical data for a holistic understanding of geographical phenomena, learn different types of sampling, develop an idea about theoretical distribution, learn to use tabulation of data, gain knowledge about association and correlation.	Statistical Methods in Geography
GEOACOR08T		Understand and identify regions as an integral part of geographical study, appreciate the varied aspects of development and regional disparity, in order to formulate measures of balanced development, analyze the concept of regions and regionalization, study typical physiographic, regions of India.	Regional Planning and Development
GEOACOR09T		Acquire knowledge of the fundamental and modern issues in Economic Geography, gain in-depth knowledge of the concepts and approaches; classification of economic activities and their changing trend; theories of economic development	Economic Geography
GEOACOR10T	GEOACOR10P	Understand Geographers' approach to environmental studies, to conceptualise holistic environment and systems approach, ecosystem, explore Space–time hierarchy of environmental problems	Environmental Geography
GEOACOR11T	GEOACOR11P	Develop expertise in designing research methodology using quantitative and quantitative analysis, data management, handle logistics and other research issues on field, learn	Field Work and Research Methodology

		post field tabulation	
GEOACOR12T	GEOACOR12P	Develop knowledge of the principles of remote sensing, sensor resolutions and image referencing schemes, Interpret satellite imagery and understand the preparation of false color composites from them. Training in the use Geographic Information System (GIS) software for contemporary mapping skills. Analyzing and interpreting remotely sensed satellite images and aerial photographs in order to understand topographical and cultural variations on the Earth's Surface, apply GIS to the preparation of thematic maps. <ul style="list-style-type: none"> • Use GNSS. • Conducting field excursions and preparation of field report on research on problem in different areas of India 	Remote Sensing and GIS
GEOACOR13T		Understand the evolution of the philosophy of Geography, appreciate the contribution of the thinkers in Geography, establishing relationship of Geography with other disciplines and man-environment relationships. Analyzing modern and contemporary principles of Empiricism, Positivism, Structuralism, Human and Behavioral Approaches in Geography	Evolution of Geographical Thought
GEOACOR14T	GEOACOR14P	Classification of hazards and disasters. Approaches to hazard study. Responses to hazards Hazards mapping. Case studies of Earthquake, Landslide, Tropical Cyclone, Riverbank erosion etc. Preparation of Case study based project report	Disaster Management

Choices for Four Discipline Specific Electives

Choices for Four Generic Electives for Honours Students of Other Disciplines

Code		Course name
GEOHGEC01T	Describe what Geography and Physical Geography are. Understand the physical principles and processes governing the circulation and characteristics of the atmosphere and climates on Earth. Understand the physical principles and processes governing the circulation and characteristics of water on Earth. Understand the principles of geomorphology and the processes that shape the landscape.	Physical Geography
GEOHGEC02T	Understand factors of Growth and distribution of world population, World Population Composition, Migration, Space and Society, Sectors of the economy, Types of agriculture, Location, problems and prospects of Indian industries, Types and Patterns of Rural Settlements, Classification of Urban Settlements; Trends and Patterns of World Urbanization	Human Geography
GEOHGEC03T	Concept of map scale, Map Projections, Survey of India topographical maps, Representation of Data Symbols, Dots, Choropleth, Isopleth and Flow Diagrams, Interpretation of Thematic Maps.	General Cartography
GEOGEC04T	Understanding Environmental Geography, Human-Environment Relationship, Concept of holistic environment and system, Ecosystem, Environmental problems	Environmental Geography

Skill Enhancement Courses

Code		Course name
GEOSSEC01M	Gain knowledge of the principles of remote sensing, sensor resolutions and image referencing schemes	Remote Sensing
GEOSSEC02M	Understanding statistical techniques	Advanced Spatial Statistical Techniques

Programme Outcome and Course Outcome – Economics Honours and General

Programme Specific Outcomes

- To understand the basics of Economics.
- To develop a skill to solve real life economic problems in the context of industry and field survey.
- To understand basic principles of economics.
- To have a general idea regarding the basic economic functioning, economic policies and economic history of the Indian economy.
- To develop skill and methodologies to solve empirical problems such as identify, compile and analyze quantitative data, expressing the results of the analysis through diagrams, tables and graphs.
- Basic knowledge of statistics and calculus.
- To understand the concepts and policies regarding issues like unemployment, inflation, economic growth, market operations, banking, government activities, foreign trade and national income.

Course outcomes

B.Sc. Honours in Economics

Core course:

Semester 1, Core Course 1, Introductory Microeconomics, Code ECOACOR01T

- Knowledge about basic concepts of economics like scarcity, choice, value, price, economic system, property rights etc.
- Concepts of demand, supply and how the market operates.
- Understanding consumer behavior, production and cost.

Semester 1, Core Course 2, Mathematical Methods for Economics -I, Code ECOACOR02T

- Operations of set theory.
- Application of basic calculus like differentiation and integral calculus in solving economic problems.
- Application of matrix algebra in solving economic problems
- Application of optimization problems and solving methodologies in economics.

Semester 2, Core Course 3, Introductory Macroeconomics, Code ECOACOR03T

- Knowledge of national income accounting.
- Concepts of money, theories of demand and supply of money, inflation and tools of monetary policy.
- Understanding some basic macroeconomic models.

Semester 2, Core Course 4, Statistical Methods for Economics - I, Code ECOACOR04T

- Fundamental knowledge about concepts of statistical data.
- Enable to collect, analyse and present quantitative data.
- Introduced with data representation through tables, charts, graphs and diagrams.
- Able to understand time series and cross section data.
- Application of Index numbers and vital statistics.
- Solving and analyzing economic problems using statistical methodologies.

Semester 3, Core Course 5, Intermediate Microeconomics, Code ECOACOR05T

- Understanding advanced theories of consumer behavior.
- Advanced knowledge about different market structures and their operations.

Semester 3, Core Course 6, Intermediate Macroeconomics, Code ECOACOR06T

- Knowledge of advanced macroeconomic models.
- Models of inflation and unemployment.

Semester 3, Core Course 7, Mathematical Methods for Economics -II, Code ECOACOR07T

- To understand multivariate functions and their application to economic theories.
- To learn advanced optimization problems to solve economic problems.
- To learn solving economic problems and dynamic economic models using methodologies of simultaneous equations system.
- Basic knowledge of game theory.

Semester 4, Core Course 8, Intermediate Microeconomics - II, Code ECOACOR08T

- Knowledge of imperfect market structures and their functioning.
- Understand market failure and asymmetric information.
- Basic understanding of the functioning of the input markets.
- General idea about economic welfare, optimality and overall efficiency.

Semester 4, Core Course 9, Intermediate Macroeconomics - II, Code ECOACOR09T

- To understand the concept of economic growth.
- To learn different macroeconomic theories and models regarding consumption, investment and money.
- To be aware of the ideas of different schools of macroeconomic thoughts.

Semester 4, Core Course 10, Statistical Methods for Economics - II, Code ECOACOR010T

- Basic knowledge of sample survey and data analysis.
- To learn elementary theories of probability and its application.
- To develop the skill of random sampling and probability distribution.
- To have basic ideas regarding statistical inference.

Semester 5, Core Course 11, Introductory Econometrics, Code ECOACOR011T

- Knowledge of advanced statistical methods and their application in quantitative economics.
- To develop skill of statistical inference using least square methods and linear regression.
- To develop skill to collect, analyse and represent qualitative economic data using statistical methods.

Semester 5, Core Course 12, Development Economics, Code ECOACOR012T

- To know the basic concepts of development economics like growth, development, gender inequalities and poverty.
- To be able to identify features of underdevelopment and strategies of economic development.
- To be aware of the fundamental problems of economic underdevelopment like poverty and economic inequality.
- To learn the meaning of globalization and its impact on economic development.

Semester 6, Core Course 13, Indian Economy, Code ECOACOR013T

- To learn basic features development strategies, economic policies and growth of the Indian economy since independence.
- Knowledge of demographic trends of India and issues like health, education, unemployment, income inequality and poverty in the context of the Indian economy.
- To impart some basic knowledge regarding fiscal, monetary and trade policies of India and their impact on the economy.

Semester 6, Core Course 14, International Economics, Code ECOACOR014T

- To be familiar with the concepts and ideas of international trade.
- To learn some fundamental theories of international trade.
- To impart knowledge of instruments and effects of trade policies.
- To get an understanding the concepts of balance of payments and exchange rate.

DSE course:

Semester 5, DSE Course-Group A(a), Applied Econometrics, ECOADSE01T,

- To get a skill of advanced econometric methodologies of empirical research.
- To be familiar with the process of empirical research including primary and secondary data collection using samples survey and other methods.
- Application of statistical methodologies, estimation and data representation.
- To be skilled with using graphs, diagrams, tables and charts to represent data.

- To get knowledge of advanced theory of probability and advanced econometric models and their application in empirical research.
- To run basic econometric software packages like SPSS, E-VIEWS and STATA

Semester 5, DSE Course-Group A(b), Public Economics, ECOADSE02T,

- To be familiar with the basic concepts of public economics like theories public goods, government intervention and market failure.
- To understand different categories and theories of taxation.
- To get a basic idea of public expenditure and public debt.

Semester 5, DSE Course-Group A(c), Economics of health and education, ECOADSE03T

- Learning the importance health and education in human development.
- To get basic ideas of theoretical foundation of economics of health and education.
- To get a fundamental knowledge of India's health and education policies, their goals and outcomes.
- To analyse the magnitude of gender and other discriminations in health and education sectors in India.

Semester 6, DSE Course-Group B(a), Contemporary Development Economics, ECOADSE04T

- To learn advanced theories and approaches of economic development.
- To develop a refined outlook regarding issues like poverty and inequality.
- To be familiar with different types of inequalities and their impact on the process of economic development.
- To get a fundamental knowledge about environmental economics.
- To have more profound knowledge and outlook about economic globalization.

Semester 6, DSE Course-Group B(b), Financial Economics, ECOADSE05T

- To learn basic concepts and theories of financial and investment economics.
- To get a skill of portfolio analysis.
- To be familiar with financial models and instruments.
- To develop a skill of corporate finance.

Semester 6, DSE Course-Group B(c), Project/Dissertation, ECOADSE02P

- To develop skill of taking up individual analytical research projects.
- To develop an ability of solving real life problem using their knowledge and skills acquired in the graduation programme.
- To learn the practical uses of tools and methodologies learnt in their curriculum.
- To develop the analytical skill.

SEC courses:

SEC Course-1, Survey Methodology, ECOSSEC001

- To be familiar with methodologies, processes, instruments and steps of survey.
- To get skilled with data collection and sample survey, sample design, sample processing, sample error and estimation.

SEC Course-2, Indian Official Statistics, ECOSSEC002

- To get ideas about official statistics, process of collecting and organizing official statistics.
- To be able to collect data from economic census statistics from different official sources.
- To get familiar with the concepts of international statistical system from international sources.

BA/Bsc General in Economics

Semester 1, DSC 1/GE 1, Introductory Microeconomics, Code ECOGCOR01T/ ECOHGEC01T

- Knowledge about basic concepts of economics like scarcity, choice, value, price, economic system, property rights etc.
- Concepts of demand, supply and how the market operates.
- Understanding consumer behavior, production and cost.
- To learn about different market structures and their operations.
- Knowledge of theory of distribution.

Semester 2, DSC 2/GE 2, Introductory Macroeconomics, Code ECOGCOR02T/ ECOHGEC02T

- Knowledge of national income accounting.
- Concepts of money, theories of demand and supply of money, inflation and tools of monetary policy and banking.
- Understanding some basic macroeconomic models.

Semester 3, DSC 3/GE 3, Development Economics, Code ECOGCOR03T/ ECOHGEC03T

- To learn basic concepts of economic development, economic planning and economic growth.
- Knowledge regarding the role of population, capital formation and foreign investment on economic development.
- To be familiar with the objectives and functioning of the IMF and World Bank and their role on economic development.
- To be able to understand and analyse gender related issues.

Semester 4, DSC 4/GE 4, Indian Economy, Code ECOGCOR04T/ ECOHGEC04T

- To get an idea regarding trend of national income in India, economic reforms and policies since independence and magnitude of poverty, unemployment and income inequalities in India.
- To be aware of population growth, human resource and its impact on economic development in India.
- To know trend, features, problems and policies of the agricultural sector of India.
- To know trend, features, problems and policies of the industrial sector of India.
- Knowledge about Indian banking and monetary policies.
- To be familiar with public finance and foreign trade of India.

Semester 5, DSE Course-1(a), Elementary Statistics, ECOGDSE01T

- Fundamental knowledge about concepts of variables, statistical data and sample survey.
- Enable to collect, analyse and present quantitative data.
- Introduced with data representation through tables, charts, graphs and diagrams.
- Application and measurement of central tendency and dispersion.

Semester 5, DSE Course-1(b), Economics of Social Sector, ECOGDSE02T

- To get ideas of social deprivation, poverty line and its measurement.
- To know the strategies and policies to eradicate poverty in India.
- To get basic knowledge of different indices to measure human development.
- To be familiar with the link between demography and economic development.

Semester 6, DSE Course-2(a), Trade and Development, ECOGDSE03T

- To get knowledge regarding trade theories and policies.
- To get a basic idea of balance of payments.
- To impart some ideas of multinational corporations, their functioning and role in economic development.

Semester 6, DSE Course-2(b), Public Finance, ECOGDSE03T

- To get fundamental knowledge about public economics.
- Basic concepts and theories of public goods.
- To get skills about classification and principles of taxation.
- To learn about public expenditure and public debt.

Mathematics (General)

Programme Specific Outcomes

- Understanding the basics of mathematics.
- Develop strategies for problem solving.

- Translating a real-life problem in mathematical language.
- Identifying information inside a problem and understanding the goal clearly.
- Understanding how to write solutions to a problem in a clear and logical way, instead of relying on formulae alone.
- Understanding mathematics in its pure form and understand the applications of mathematics in various fields.
- Basic knowledge of calculus, analysis, linear algebra, modern algebra and numerical problems.

Course outcomes

B.Sc. General in Mathematics.

Core courses:

Semester I, Differential Calculus, MTMGCOR01T

- Basic idea about differential calculus.
- Understanding fundamental ideas like limit and continuity.
- Understanding differentiation and nuances such as L'Hospital's rule.
- To be able to interpret graphs of functions.
- To be able to perform basic visual tests like vertical line test and horizontal line test.
- Applications of calculus to geometry.
- Geometrical concepts like tangent and normal.
- Connection between rate of change and tangent.
- Basic theorems in calculus like mean value theorem, Rolle's theorem.

Semester II, Differential Equations, MTMGCOR02T

- The idea of differential equations.
- Understanding how real-life issues may give rise to differential equations.
- Solving certain types of ordinary differential equations.
- Understanding Wronskians.
- Basic ideas regarding partial differential equations.
- Order and degree of a partial differential equations.
- Concept of linear and non-linear partial differential equations, Formation of first order partial differential equations, Linear partial differential equation of first order, Lagrange's method, Charpit's method.
- Classification of second order partial differential equations into elliptic, parabolic and hyperbolic through illustrations.

Semester III, Real Analysis, MTMGCOR03T

- Transition from calculus to analysis.
- Understand basic concepts such as limit points, isolated points, boundary points etc.
- Understand finiteness and ideas about infinity.
- Understand basic sequences.
- Understand series and how they appear everywhere in mathematics.
- Basic tests for series convergence.
- Understand Sequences and series of functions.
- Idea of convergence
- Understand power series and analytic functions.

Semester IV, Algebra, MTMGCOR04T

- Understand basic concepts involving sets and relations.
- Basic concept of algebraic structures.
- Understand basics of groups and subgroups.
- Naturally evolved groups such as modulo groups.
- Basic concept of a structure involving more than one operation.
- Basic concept of rings.

DSE courses:

Semester V, DSE 1, Matrices, MTMGDSE01T

- Understanding vector spaces and ground fields.
- Forming a matrix with real numbers and their properties.
- Understanding the relation between matrices and linear transformations.
- Basic matrix operations such as addition, multiplication, transpose and inverse.
- Matrices dealing with geometric transformations such as translation and rotation.
- Various forms a matrix may appear in.

Semester V, DSE 2, Mechanics, MTMGDSE02T

- Basic concepts of mechanics when a particle moves.
- Understanding equations of motion.
- Understanding the behaviour of a rigid body under forces.
- Understanding basic concepts involving friction, Centre of gravity, work and potential energy.
- Velocity and acceleration in various forms.

Semester 6, DSE 3, Numerical Methods, MTMGDSE03T

- Understanding how numbers work.
- Understanding calculus problems involving numbers.
- Understanding numerical differentiation and integration as well as interpolation and extrapolation.
- Understanding incomplete data.
- Understanding difference operators.

Semester VI, DSE 4, Linear Programming, MTMGDSE04T

- Understanding the requirement of linear programming.
- Understanding the linear algebraical concepts required for LPP.
- Get a taste of optimization problems.
- Learning various methods and algorithms for linear optimization problems.
- Understanding duality.
- Understanding applications to economics.

Skill Enhancement Courses (SEC)

Semester III and V, SEC 1, C-Programming Language, MTMSSEC01M

- Understanding basics of Computer Programming and algorithms.
- Understanding fundamentals of Programming such as built in Data Types: int, float, double, char; Constants and Variables; first program: printf(), scanf(), compilation etc., keywords, Arithmetic operators: precedence and associativity, Assignment Statements: post & pre increment/decrement, logical operators: and, or, not.
- Understanding statements, arrays and functions.
- Being able to write basic programs using C language.

Semester IV and VI, SEC 2, Logic and Sets, MTMSSEC02M

- Get a basic idea regarding mathematical logic.
- Understanding concepts like truth table, negation, assertion, conjunction and disjunction. Implications, biconditional propositions, converse, contra positive and inverse propositions and precedence of logical operators.
- Understanding equivalence.
- Understanding sets and their operations.

B.COM. PROGRAMME OUTCOME

- Builds a strong foundation of knowledge in various areas of Accounting and Finance.
- The students will be ready for employment in functional areas like accounting, taxation, banking, insurance, corporate law, etc.
- Develops exposure to legal issues relating to business laws and corporate laws.

- Imparts knowledge relating to management theories and practices which nurtures the students' outlook to various issues relating to general management, human resource management and marketing management.
- Gains knowledge of basic economic concepts which develops an understanding of various issues, functioning and policies of the Indian economy.
- Gains ability to start entrepreneurial activities.
- Develops ethical values, team work, leadership and managerial skills.
- Develops communication skills and computer skills.
- May opt for higher studies like M.Com., M.Phil., Ph.D. and also pursue other professional courses like CA, CMA, CS and MBA.

B.COM. (HONOURS) COURSE OUTCOME

Semester 1

Financial Accounting – I (Subject code: FACACOR01T)

- Learns fundamental concepts of accounting.
- Gains knowledge of accounting theory, GAAP and accounting standards
- Learns preparation of Final Accounts for Trading and Non-Trading Organisations and also Final
- Accounts from Single Entry System
- Learns accounting for special transactions like Consignment and Accounting for sale on approval
- Learns how to compute insurance claim for Loss of stock and for Loss of profit.

Principles and Practice of Management (Subject code: FACACOR02T)

- Learns important concepts and functions of management.
- Learns various approaches to management.
- Comes to know various aspects relating to Planning, Organising, Directing, Staffing, Motivation, Co-ordination and Control.

Business Economics (Subject code: FACHGEC01T)

- Knowledge about basic concepts of economics like scarcity, choice, value, price, economic system, property rights etc.
- Concepts of demand, supply and how the market operates.
- Understanding consumer behaviour, production and cost.
- To learn about different market structures and their operations.
- Knowledge of theory of distribution.
- Basic understanding of measurement of national Income and the problems.
- Concept of inflation, causes and remedies of inflation and policy measures to control inflation.

Semester 2

Cost and Management Accounting – I (Subject Code: FACACOR03T)

- Learns basic concepts of costing and preparation of cost sheet
- Learns computation of material cost, labour cost, overhead
- To gain knowledge about cost book-keeping and various costing methods

Marketing Management and Human Resource Management (Subject Code: FACACOR04T)

- Learns fundamental knowledge of Marketing Management and Human Resource Management
- Learns about product concept, product mix, product life cycle and its pricing
- Gains basic knowledge about physical distribution and promotion of products
- Learns about fundamentals of Human Resource Management
- Acquires knowledge about acquisition, development and maintenance of human resource

Business Mathematics and Statistics (Subject Code: FACHGE02T)

- Acquires knowledge of set theory, matrices, determinant
- Learns basic mathematics for Finance
- Learns basics of Statistics
- Learns computation of central tendency, dispersion, bivariate analysis, index numbers and time –series analysis which helps them in higher studies and also has application in various jobs.

Semester 3

Business Regulatory Framework (Subject Code: FACACOR05T)

- Learns about Contract Act, Sale of Goods Act, Partnership Act and LLP, Negotiable Instrument Act, Consumer Protection Act and Electronic Commerce Act
- This helps in understanding the legal environment

Direct Taxation (Subject Code: FACACOR06T)

- Learns Nitti and gritty of Income Tax
- Gains knowledge about different heads of income and computation of income under the same
- Learns computation of total income and tax liability
- Learns about different types of return and assessment procedure

Financial Accounting – II (Subject Code: FACACOR07T)

- Learns Partnership Accounting, Branch Accounting
- Gains knowledge on Hire-Purchase and Instalment Purchase System
- Learns Departmental Accounting and Investment Accounting

Business Communication and E-Commerce (Subject Code: FACHGEC03T)

- Learns basic concepts of business communication
- Learns about different types of communication and different tools of communication
- Develops skill of drafting notice, circular, resolution and minutes, business letter, etc.
- Introduction to basic concepts of E-Commerce
- Learns e-commerce business models and various digital payment methods
- Overview of new trends in e-commerce

Information Technology and its Business Application (Subject Code: FACSSEC01M)

- Learns basic concepts like data, information, information technology, types of information system, etc.
- Learns practical knowledge of word processing, preparing presentations, computations using spreadsheet package
- Learns Accounting software, Tally

Semester 4

Company Law (Subject Code: FACACOR08T)

- Learns the definition of Company and its various types.
- Basic concepts and legal issues regarding formation, administration and management of a company
- Fundamentals of shares and debentures
- Various types of corporate meetings and issues relating to conducting the same

Indirect Taxation (Subject Code: FACACOR09T)

- Basic concepts of Goods and Service Tax (GST)
- Various concepts underlying GST such as Taxable Event, Supply of Goods and Services, Transaction Value, Time and Place of Supply, Input Tax Credit and Tax liability, Registration and Returns of GST
- Overview of Customs Act

Cost and Management Accounting – II (Subject Code: FACACOR10T)

- Learns various techniques and methods of costing such as Budget and Budgetary control, Standard Costing, CVP Analysis, Joint-Product and By-Product Costing
- Gains knowledge on marginal cost and short term decision making

Entrepreneurship Development (Subject Code: FACHGEC04T)

- This course aims at building young entrepreneurs brimming with the basic knowledge of entrepreneurs
- Gains knowledge on basics of entrepreneurship
- Fundamentals of Micro, Small and Medium Enterprises

- Schemes for sustainability and development of entrepreneurship and resource mobilization
- Sources of business ideas and test of feasibility

Tax Returns and Filing of Tax Returns (Subject Code: FACSSEC02M)

- Gains theoretical knowledge relating to different types of return, PAN, TAN, forms of returns, different TDS returns
- Obtains practical knowledge of filing income tax return (ITR-1 and ITR-2) including viewing form 26AS, viewing e-filed return, e-verification and e-payment of tax and e-TDS return filing as well
- Preparation of project report for their skill enhancement

Semester 5

Auditing (Subject Code: FACACOR011T)

- Learns about the concept, techniques and procedures of auditing
- Gains knowledge about the necessity of auditing
- Learns about audit of companies and other institutions
- Becomes familiar with areas of audit

Indian Financial System (Subject Code: FACACOR012T)

- Understanding of the basic function of financial system and its components.
- Knowledge about the objectives, structure and functions of major financial institutions of
- India like RBI, commercial banks, NBFCs, Mutual Funds, Development Banks, Insurance
- Companies and Merchant Banks.
- Understand the activities and components of money market and financial market with
- special reference to the Indian financial market system.
- Importance of Investors' Protection and the relevant policies and measures
- Basic knowledge of financial services

Banking and Insurance (Subject Code: FACADSE01T)

- Comes to know the basic concepts of banking and insurance
- Learns about cheques, paying bank and bank lending
- Becomes familiar with various aspects of internet banking

Corporate Accounting (Subject Code: FACADSE02T)

- Learns Company final Accounts
- Gathers knowledge about accounting for shares and debentures and also their buyback and redemption

- Becomes familiar with valuation of goodwill and shares
- Learns accounting for amalgamation, absorption, reconstruction and liquidation of companies

Semester 6

Financial Management (Subject Code: FACACOR13T)

- Definition and scope of financial management
- Concepts of value and return
- Learns leverage, capital structure theories, working capital decisions and dividend decisions

Research Methods and Project Work (Subject Code: FACACOR14T)

- Learns various concepts of research, its methodology, process, design, sampling
- Prepares project on a specific topic on an area of interest

Financial Statement Analysis (Subject Code: FACADSE07T)

- Overview of Financial Statement Analysis
- Learns ratio analysis, fund flow and cash flow statement analysis, equity analysis
- Gains knowledge about corporate distress prediction

Business Ethics and Corporate Governance (Subject Code: FACADSE08T)

- Learns nature of ethics and various approaches and theories of ethics
- Comes to know social aspects of business ethics
- Gathers knowledge regarding ethical dilemmas and its management

B.COM. (GENERAL) COURSE OUTCOME

Financial Accounting – I (Subject code: FACGCOR01T)

- Learns fundamental concepts of accounting.
- Gains knowledge of accounting theory, GAAP and accounting standards
- Learns preparation of Final Accounts for Trading and Non-Trading Organisations and also Final
- Accounts from Single Entry System
- Learns accounting for special transactions like Consignment and Accounting for sale on approval
- Learns how to compute insurance claim for Loss of stock and for Loss of profit.

Principles and Practice of Management (Subject code: FACGCOR02T)

- Learns important concepts and functions of management.

- Learns various approaches to management.
- Comes to know various aspects relating to Planning, Organising, Directing, Staffing, Motivation, Co-ordination and Control.

Semester 2

Cost and Management Accounting (Subject Code: FACGCOR03T)

- Learns basic concepts of costing and preparation of cost sheet
- Learns computation of material cost, labour cost, overhead
- To gain knowledge about cost book-keeping and various costing methods

Business Mathematics and Statistics (Subject Code: FACGCOR04T)

- Acquires knowledge of set theory, matrices, determinant
- Learns basic mathematics for Finance
- Learns basics of Statistics
- Learns computation of central tendency, dispersion, bivariate analysis, index numbers and time –series analysis which helps them in higher studies and also has application in various jobs.

Semester 3

Business Regulatory Framework (Subject Code: FACGCOR05T)

- Learns about Contract Act, Sale of Goods Act, Partnership Act and LLP, Negotiable Instrument Act, Consumer Protection Act and Electronic Commerce Act
- This helps in understanding the legal environment

Information Technology and its Business Application (Subject Code: FACSSEC01M)

- Learns basic concepts like data, information, information technology, types of information system, etc.
- Learns practical knowledge of word processing, preparing presentations, computations using spreadsheet package
- Learns Accounting software, Tally
- Learns about different types of return and assessment procedure

Financial Accounting – II (Subject Code: FACGCOR06T)

- Learns Partnership Accounting, Branch Accounting
- Gains knowledge on Hire-Purchase and Instalment Purchase System
- Learns Departmental Accounting and Investment Accounting

Semester 4

Tax Returns and Filing of Tax Returns (Subject Code: FACSSEC02M)

- Gains theoretical knowledge relating to different types of return, PAN, TAN, forms of returns, different TDS returns
- Obtains practical knowledge of filing income tax return (ITR-1 and ITR-2) including viewing form 26AS, viewing e-filed return, e-verification and e-payment of tax and e-TDS return filing as well
- Preparation of project report for their skill enhancement

Direct and Indirect Taxation (Subject Code: FACGCOR07T)

- Learns Nitti and gritty of Income Tax
- Gains knowledge about different heads of income and computation of income under the same
- Learns computation of total income and tax liability
- Learns about different types of return and assessment procedure
- Gains knowledge about various aspects of goods and service tax

Business Economics (Subject code: FACGCOR07T)

- Knowledge about basic concepts of economics like scarcity, choice, value, price, economic system, property rights etc.
- Concepts of demand, supply and how the market operates.
- Understanding consumer behaviour, production and cost.
- To learn about different market structures and their operations.
- Knowledge of theory of distribution.
- Basic understanding of measurement of national Income and the problems.
- Concept of inflation, causes and remedies of inflation and policy measures to control inflation.

Semester 5

Auditing (Subject Code: FACGGEC01T)

- Learns about the concept, techniques and procedures of auditing
- Gains knowledge about the necessity of auditing
- Learns about audit of companies and other institutions
- Becomes familiar with areas of audit

Entrepreneurship Development (Subject Code: FACSSEC03M)

- This course aims at building young entrepreneurs brimming with the basic knowledge of entrepreneurs
- Gains knowledge on basics of entrepreneurship
- Fundamentals of Micro, Small and Medium Enterprises
- Schemes for sustainability and development of entrepreneurship and resource mobilization

Banking and Insurance (Subject Code: FACGDSE01T)

- Comes to know the basic concepts of banking and insurance
- Learns about cheques, paying bank and bank lending
- Becomes familiar with various aspects of internet banking

Corporate Accounting (Subject Code: FACGDSE02T)

- Learns Company final Accounts
- Gathers knowledge about accounting for shares and debentures and also their buyback and redemption
- Becomes familiar with valuation of goodwill and shares
- Learns accounting for amalgamation, absorption, reconstruction and liquidation of companies

Semester 6

Marketing Management and Human Resource Management (Subject Code: FACGGEC02T)

- Learns fundamental knowledge of Marketing Management and Human Resource Management
- Learns about product concept, product mix, product life cycle and its pricing
- Gains basic knowledge about physical distribution and promotion of products
- Learns about fundamentals of Human Resource Management
- Acquires knowledge about acquisition, development and maintenance of human resource

Business Communication and E-Commerce (Subject Code: FACSSEC04M)

- Learns basic concepts of business communication
- Learns about different types of communication and different tools of communication
- Develops skill of drafting notice, circular, resolution and minutes, business letter, etc.
- Introduction to basic concepts of E-Commerce
- Learns e-commerce business models and various digital payment methods
- Overview of new trends in e-commerce

Financial Statement Analysis (Subject Code: FACADSE07T)

- Overview of Financial Statement Analysis
- Learns ratio analysis, fund flow and cash flow statement analysis, equity analysis
- Gains knowledge about corporate distress prediction

Business Ethics and Corporate Governance (Subject Code: FACADSE08T)

- Learns nature of ethics and various approaches and theories of ethics
- Comes to know social aspects of business ethics
- Gathers knowledge regarding ethical dilemmas and its management

Computer Science General

Programme Specific Outcomes

- **Theoretical Computer Science:** Students at the time of graduation will be able to apply fundamental knowledge of theoretical computer science, Computer Network, Operating System, DBMS and critically analyze problems to provide computer based solutions for engineering applications.

- **Hardware and software systems:** Students at the time of graduation will be able to design cost effective hardware/software systems and components for engineering/social applications using the knowledge of hardware and/or software architecture, programming and development.
- **Technology:** Students at the time of graduation will be able to apply appropriate technology to find solutions for complex problems.

BA/B.Sc. General in Computer Science

Semester 1: DSC 1/GE 1: Problem Solving with Computer, Code: CMSGCOR01T/CMSGCOR01P

- Basic Knowledge on Computer Fundamentals like Introduction to Computers, Characteristics of Computers, Uses of computers, Types and generations of Computers.
- Concept of problem solving, Problem definition, Program design, Debugging, Types of errors for planning and built the Computer Program.
- Learn about Techniques of Problem Solving using Flowcharting, decision table, algorithms, Structured programming concepts, Programming methodologies viz. top-down and bottom-up programming.
- Learn structure and elements of Python programming to solve the problem.

Semester 2: DSC 2/GE 2: Database Management Systems: CMSGCOR02T/CMSGCOR02P

- Introduction to Database Management Systems; Characteristics of database approach, datamodels, DBMS architecture and data independence.
- Entity Relationship and Enhanced ER Modeling; Entity types, relationships, Schema Definition , constraints, and object modeling.
- Relational Data Model: Basic concepts, relational constraints, relational algebra, SQL queries.
- Database design: ER and EER to relational mapping, functional dependencies, normal forms up to third normal form.

Semester 3: DSC 3/GE 3: OS & LINUX, Code: CMSGCOR03T/ CMSGCOR03P

- Introduction: System Software, Resource Abstraction, OS strategies.
- Types of operating systems - Multiprogramming, Batch, Time Sharing, Single user and Multiuser, Process Control & Real Time Systems.
- Operating System Organization: Factors in operating system design, basic OS functions, implementation consideration; process modes, methods of requesting system services system calls and system programs.
- Process Management: System view of the process and resources, initiating the OS, process address space, process abstraction, resource abstraction, process hierarchy, Thread model
- Scheduling: Scheduling Mechanisms, Strategy selection, non-pre-emptive and pre-emptive strategies.

- Memory Management: Mapping address space to memory space, memory allocation strategies, fixed partition, variable partition, paging, virtual memory.

Semester 3: SEC1: Programming in Python, Code: CMSSEC01M

- Planning the Computer Program: Concept of problem solving, Problem definition, Program design, Debugging, Types of errors in programming, Documentation.
- Techniques of Problem Solving: Flowcharting, decision table, algorithms, Structured programming concepts, Programming methodologies viz. top-down and bottom-up programming.
- Introduction to Python: Python Interpreter, Using Python as calculator, Python shell, Indentation. Atoms, Identifiers and keywords, Literals, Strings, Operators (Arithmetic operator, Relational operator, Logical or Boolean operator, Assignment, Operator, Ternary operator, Bit wise operator, Increment or Decrement operator).
- Creating Python Programs : Input and Output Statements, Control statements (Branching, Looping, Conditional Statement, Exit function, Difference between break, continue and pass.), Defining Functions, default arguments.

Semester 4: DSC 4/GE 4: Computer System Architecture, Code: CMSGCOR04T/CMSGCOR04P

- Introduction: Logic gates, boolean algebra, combinational circuits, circuit simplification, flip-flops and sequential circuits, decoders, multiplexors, registers, counters and memory units.
- Data Representation and basic Computer Arithmetic: Number systems, complements, fixed and floating point representation, character representation, addition, subtraction, magnitude comparison.
- Basic Computer Organization and Design: Computer registers, bus system, instruction set, timing and control, instruction cycle, memory reference, input-output and interrupt.
- Central Processing Unit: Register organization, arithmetic and logical micro-operations, stack organization, micro programmed control.
- Programming the Basic Computer: Instruction formats, addressing modes, instruction codes, machine language, assembly language, input output programming.

Semester 4: SEC2: R Programming, Code: CMSSEC01M

- Introduction: Overview and History of R, Getting Help, Data Types, Subsetting, Vectorized Operations, Reading and Writing Data.
- Control Structures, Functions, lapply, tapply, split, mapply, apply, Coding Standards.
- Scoping Rules, Debugging Tools, Simulation, R Profiler

Semester 5: DSE 1: Programming in JAVA, Code: CMSGDSE01T

- Object Oriented Programming Concept Overview of Programming, Paradigm, Classes, Abstraction, Encapsulation, Inheritance, Polymorphism, Difference between C++ and JAVA.

- Java Programming Fundamental :Structure of java program, Data types, Variables, Operators,Keywords, Naming Convention, Decision Making (if, switch),Looping(for, while) ,Type Casting.
- Classes and Objects: Creating Classes and objects, Memory allocation for objects, Constructor, Implementation of Inheritance, Implementation of Polymorphism, Method Overloading, Method Overriding, Nested and Inner classes.
- Abstract Class, Interface and Packages: Modifiers and Access Control, Abstract classes and methods, Interfaces, Packages Concept, Creating user defined packages.
- Exception Handling: Exception types, Using try catch and multiple catch, Nested try, throw, throws and finally, Creating User defined Exceptions.
- File Handling: Byte Stream, Character Stream, File IO Basics, File Operations, Creating file, Reading file, Writing File.

Semester 5: DSE 1: Discrete Structures, Code: CMSGDSE02T

- Introduction: Introduction to Sets, Finite and Infinite Sets, Unaccountably Infinite Sets. Introduction to Functions and relations, Properties of Binary relations, Closure, Partial Ordering Relations.
- Pigeonhole Principle, Permutation and Combinations, Mathematical Induction, Principle of Inclusion and Exclusion.
- Understanding Asymptotic Notations.
- Recurrence Relations: Introduction, Generating Functions, Linear Recurrence Relations with constant coefficients and their solution.
- Graphs Theory: Basic Terminology of Graphs, Models and Types, Multigraphs, Weighted Graphs, Graph Representation. Graph Isomorphism Graph Connectivity, Euler and Hamiltonian Paths and Circuits, Planar Graphs, Graph Coloring, Basic Terminology of Trees, Properties of Trees, Spanning Trees.
- Inference Theory: Introduction, Logical Connectives, Well Formed Formulas, Tautologies, Equivalence.

Semester 6: DSE 2: Software Engg, Code: CMSGDSE03T

- Software Process: Introduction, S/W Engineering Paradigm , life cycle models (water fall, incremental, spiral, evolutionary, prototyping, object oriented) , System engineering, computer based system, verification, validation, life cycle process, development process, system engineering hierarchy.
- Software requirements: Functional and non-functional , user, system, requirement engineering process, feasibility studies, requirements, elicitation, validation and management, software prototyping, prototyping in the software process, rapid prototyping techniques, user interface prototyping, S/W document. Analysis and modelling, data, functional and behavioural models, structured analysis and data dictionary.
- Design Concepts and Principles: Design process and concepts, modular design, design heuristic, design model and document, Architectural design, software architecture, data design, architectural design, transform and transaction mapping, user interface design, user interface design principles. Real time systems, Real time software design,

system design, real time executives, data acquisition system, monitoring and control system.

- Software Project Management: Measures and measurements, S/W complexity and science measure, size measure, data and logic structure measure, information flow measure. Estimations for Software Projects, Empirical Estimation Models, Project Scheduling.
- Testing: Taxonomy of software testing, levels, test activities, types of s/w test, black box testing, testing boundary conditions, structural testing, test coverage criteria based on data flow, mechanisms, regression testing, testing in the large. S/W testing strategies, strategic approach and issues, unit testing, integration testing, validation testing, system testing and debugging.

Semester 6: DSE 2: Computer Networks, Code: CMSGDSE04T

- Basic concepts : Components of data communication, standards and organizations, Network Classification, Network Topologies ; network protocol; layered network architecture; overview of OSI reference model; overview of TCP/IP protocol suite.
- Physical Layer : Cabling, Network Interface Card, Transmission Media Devices- Repeater, Hub, Bridge, Switch, Router, Gateway.
- Data Link Layer : Framing techniques; Error Control; Flow Control Protocols; Shared media protocols - CSMA/CD and CSMA/CA.
- Network Layer : Virtual Circuits and Datagram approach, IP addressing methods – Subnetting; Routing Algorithms (adaptive and non-adaptive).
- Transport Layer: Transport services, Transport Layer protocol of TCP and UDP.
- Application Layer : Application layer protocols and services – Domain name system, HTTP, WWW, telnet, FTP, SMTP.
- Network Security : Common Terms, Firewalls, Virtual Private Networks.