## Name of Programme: B.A. Assamese Course Specific Outcome

Course	Sem.	Course Title	Course Outcome
Core-1	lst	History of Assamese Literature	অসমীয়া সাহিত্যৰ যুগবিভাজনৰ সমাক পৰিচয় পাব।     অসমীয়া লোকসাহিত্য আৰু প্ৰত্ন অসমীয়া সাহিত্যৰ সামগ্ৰিক গতি- প্ৰকৃতিৰ ধাৰণা জন্মিব।     প্ৰাক্-শঙ্কৰী যুগৰ পৰা শঙ্ধৰোত্তৰ যুগলৈকে ৰচিত অসমীয়া সাহিত্যৰাজিৰ পৰিচয় পোৱাৰ লগতে সেই যুগৰ সাহিত্যৰাজিৰ বৈশিষ্ট্যসমূহৰ আভাস পাব।
Core-2	lst	History of Assamese Literature	<ul> <li>অধ্নিক অসমীয়া ভাষা-সাহিত্যৰ পটভূমিৰ আভাস পাব।</li> <li>আধুনিক অসমীয়া ভাষা- সাহিত্য প্ৰতিষ্ঠাকালবেপৰা সাম্প্ৰতিক কাললৈকে অসমীয়া সাহিত্যৰ সামগ্ৰিক গতি-প্ৰকৃতিৰ ধাৰণা জন্মিব।</li> <li>জোনাকী মুগৰ পৰা উত্তৰ জোনাকী মুগলৈকে ৰচিত অসমীয়া সাহিত্যৰাজিৰ পৰিচয় পাব।</li> <li>ৰামধ্যেনু মুগৰ অসমীয়া সাহিত্যৰ পটভূমি আৰু বৈশিষ্ট্যৰ আভাস পাব।</li> <li>সাম্প্ৰতিক কালৰ অসমীয়া কবিতা, গছ আৰু শিশুসাহিত্যৰ পৰিচয় পাব</li> </ul>
AECC-II	1st	Communicative Assamese	<ul> <li>অসমীয়া ভাষাৰে মৌখিক যোগাযোগৰ ক্ষেত্ৰত ছাত্ৰ-ছাত্ৰীসকলৰ দক্ষত বৃদ্ধি পাব।</li> <li>অসমীয়া ভাষাৰে লিখিতযোগাযোগৰ ক্ষেত্ৰত ছাত্ৰ-ছাত্ৰীসকলৰ দক্ষতা বৃদ্ধি পাব।</li> </ul>
Core-3	2nd Introduction to Linguistics		প্রাচ্য আৰু পাশ্চাত্যৰ ভাষা সম্পর্কীয় চিন্তা- চচৰি ইতিহাস জানিব।     ভাষা আৰু ভাষাবিজ্ঞান সম্পর্কীয় বিভিন্ন দিশসমূহৰ পৰিচয় পাব।     ভাষাবিজ্ঞানৰ সংজ্ঞা আৰু ভাষাবিজ্ঞান অধ্যয়নৰ পদ্ধতিসমূহৰ বিষয়ে জানিব পাৰিব।     ভাষাবিজ্ঞান অধ্যয়নৰ বিভিন্ন ভব যেনে- ধ্বনিবিজ্ঞান,ৰূপবিজ্ঞান, বাব্যবিজ্ঞান আৰু অথবিজ্ঞানৰ বিভিন্ন দিশৰ সমাক ধাৰণা জায়িব।
Core-4	ore-4 2nd Poetics		<ul> <li>অসমীয়া সাহিত্য অধ্যয়নৰ তাত্ত্বিক আধাৰকাপে ছাত্ৰ-ছাত্ৰীসকলে ভাৰতীয় সাহিত্যতত্ত্বৰ জ্ঞান লাভ কৰিব পাৰিব।</li> <li>ছাত্ৰ-ছাত্ৰীসকলে অসমীয়া সাহিত্য অধ্যয়নৰ তাত্ত্বিক আধাৰকাপে পাশ্চাত্য সাহিত্যতত্ত্বৰ জ্ঞান লাভ কৰিব পাৰিব।</li> </ul>
Core-5	3rd	Literary Criticism	* সাহিত্যৰ সংজ্ঞা আৰু সাহিত্যৰ শ্ৰেণীবিভাগ সম্পৰ্কে জানিব পাৰিব।  * বিভিন্ন প্ৰকাৰৰ সাহিত্য সমালোচনাৰ পৰিচয় পাব।  * সাহিত্য সমালোচনাৰ বিভিন্ন পদ্ধতি যেনে—ঐতিহাসিক, বিশ্লেষণাত্মক, তুলনামূলক আদিৰ আভাস পাব।  *অসমীয়া সাহিত্যৰ বিভিন্ন প্ৰকাৰৰ সংজ্ঞা আৰু স্বৰূপ সম্পূৰ্তে ধাৰণা জায়িব।
Core-6	3rd	Selection from Assamese Poetry	অসমীয়া কবিতাৰ ইতিহাস আৰু গতি-প্ৰকৃতি সম্পৰ্কে ছাত্ৰ-ছাত্ৰীসকল অৱগত হ'ব।     অসমীয়া লোককবিতাৰপৰা আৰম্ভ কৰি চ্যপিল, প্ৰাকশঙ্কৰী-শন্ধৰী-     *শঙ্কৰোত্ৰৰ যুগ আৰু বৰ্তমান যুগলৈকে ৰচিত অসমীয়া কবিতাৰ পৰিচয় পাব।     * নিৰাচিত কবিতাৰ যোগেদি আৰম্ভণিৰেপৰা বৰ্তমানলৈকে অসমীয়া কবিত সম্পৰ্কে ম্পষ্ট ধাৰণা লাভ কৰিব পাৰিব।

Course	Sem.	Course Title	Course Outcome
Core-7	3rd	Studies on the Culture of Assam	<ul> <li>সংস্কৃতিৰ সংজ্ঞা ,স্বৰূপ আৰু উপাদানৰ লগতে সংস্কৃতি অধ্যয়নৰ স্বৰূপ সম্পৰ্কে ধাৰণা জন্মিব।</li> <li>অসমৰ বিভিন্ন নৃ-গোষ্ঠীৰ পৰিচয় পাব আৰু অসমীয়া সংস্কৃতিৰ সমন্বয়ত নৃ-গোষ্ঠীয় সংস্কৃতিৰ অৱদান সম্পৰ্কে অৱগত হ'ব।</li> <li>অসমৰ বিভিন্ন জনগোষ্ঠীৰ লোকসংস্কৃতিৰ আভাস পাব।</li> <li>অসমৰ স্থাপত্যা- ডাঙাৰ্য সম্পৰ্কে জানিব পাৰিব।</li> </ul>
Core-8	4th	Theory and Practice of Comparative Literature	*তুলনামূলক সাহিত্যৰ সাধাৰণ ধাৰণা জন্মিব। *তুলনামূলক সাহিত্য অধ্যয়নৰ বিভিন্ন দিশ সম্পৰ্কে অৱগত ছ'ব। *ভাৰতীয় তথা অসমীয়া সাহিত্যৰ প্ৰেক্ষাপটত কুলনামূলক সাহিত্য অধ্যয়নৰ প্ৰাসংগিকতা আৰু প্ৰণালীৰ আভাস পাব।
Core-9	4th	Indo- Aryan Languages and Assamese	*ভাৰতীয় আৰ্যভাষাৰ ক্ৰমবিকাশৰ ইতিহাস জানিব।  * সংস্কৃত-পালি আৰু প্ৰাকৃত ভাষাৰ স্বৰূপৰ লগত পৰিচয় হ'ব।  * সংস্কৃত-পালি আৰু প্ৰাকৃত ব্যাকৰণৰ বৈশিষ্ট্যসমূহৰ বিষয়ে জানিব পাৰিব।
Core-10	4th	Selection from Assamese Prose	*অসমীয়া গদা সাহিত্যৰ উত্তৱ আৰু বিকাশ সম্পৰ্কে অৱগত হ'ব।  *প্ৰাচীন অসমীয়া গদাৰপৰা আৰম্ভ কৰি বৰ্তমানপৈকে অসমীয়া গদাসাহিত্যৰ নিৰ্বাচিত পাঠ্যাংশ অধ্যয়নৰ জৰিয়তে অসমীয়া গদ্য সাহিত্যৰ বৈবিধ্য- বৈচিত্ৰাময় ৰূপৰ আভাস পৰে।
Core-11	5th	Assamese Drama	অসমীয়া নাট্যসাহিত্যৰ সংক্ষিপ্ত ইতিহাস জানিব পাৰিব।     অসমীয়া নাট্যসাহিত্যৰ সংক্ষিপ্ত ইতিহাস জানিব পাৰিব।     অসমীয়া নাটকৰ গতি-প্ৰকৃতিৰ পৰিচয় পাব।
Core-12	5th Studies on Assamese Linguistics		অসমীয়া ভাষাৰ ধ্বনিতত্ব, ৰূপতত্ব আৰু বাকাতত্বৰ পৰিচয় পাব।     বাগিপ্ৰিয়ৰ পৰিচয়,ধ্বনি, বৰ্গ, উপধ্বনি আৰু ধ্বনি পৰিবৰ্তনৰ নিষ্কমসমূহ অধ্যয়নৰ জৰিয়তে ধ্বনিবিজ্ঞানৰ তাত্ত্বিক জ্ঞান লাভ হ'ব।     অসমীয়া ভাষাৰ ব্যাকৰণগত বিষয়সমূহৰ লগত পৰিচয় হ'ব।
DSE-1	5th	Assamese Grammar Lexicon and Idiomatic Usages	অসমীয়া ভাষাৰ শৃক্ষ উচ্চাৰণ আৰু শৃক্ষ আখৰ জেটনিব সম্যক ধাৰণা জন্মিব।     অসমীয়া ব্যাকৰণৰ বিবিধ দিশ আৰু অসমীয়া অভিধানৰ সাধাৰণ পৰিচয় পাব।     অসমীয়া ভাষাৰ জতুৱা ঠাঁচ আৰু খণ্ডবাকাৰ প্ৰয়োগৰ লগতে উপযুক্ত পৰিভাষাৰ প্ৰয়োগ সম্পৰ্কে জানিব পাৰিব।
DSE-2	5th	Introduction to Indian Literature	*ভাৰতীয় সাহিত্যৰ ধাৰণাৰ উৎপত্তি আৰু বিকাশৰ লগতে ভাৰতীয় সাহিত্যৰ বৈশিষ্ট্য সম্পৰ্কে অৱগত হ'ব। * ভাৰতীয় সাহিত্যৰ নিবটিত ৰচনাৰ অধ্যয়নৰ যোগেদি ভাৰতীয় কবিতা, চুটিগল্প, উপন্যাস আৰু নাটকৰ পৰিচয় পাব।

Course	Sem.	Course Title	Course Outcome
Core-13	6th	Selection from Assamese Prose	*অসমীয়া গদ্যৰ নিৰ্বাচিত অংশৰ অধ্যয়নৰ যোগেদি আধুনিক কালৰ সৃষ্টিশীল গদ্যৰ পৰিচয় পাব।     *আধুনিক কালৰ সৃষ্টিশীল গদ্যসাহিত্যৰ বৈবিধ্য-বৈচিত্ৰ্য আৰু গতি-প্ৰকৃতি সম্পৰ্কে জানিব পাৰিব।
Core-14	6th	Language and Script of Assam	*অসমৰ ভাষাৰ সাধাৰণ পৰিচয় পাব।  *অসমীয়া ভাষা আৰু উপভাষাৰ পৰিচয় আৰু ভাষাতাত্মিক বৈশিষ্ট্যসমূহ জানিব পাৰিব।  *অসমীয়া ভাষা আৰু ভাষভিন্ন ভাষাৰ আদান-প্ৰদান সম্পৰ্কে অৱগত হ'ব।  *অসমীয়া লিপিৰ উত্তৱ আৰু বিকাশৰ লগতে অসমৰ অন্যানা ভাষাৰ লিপিৰ বিষয়ে জানিব পাৰিব।
DSE-3	6th	Introduction to World Literature	<ul> <li>কিশ্ব সাহিত্যৰ ধাৰণা সম্পৰ্কে জ্ঞান লাভ কৰিব পাৰিব।</li> <li>কিশ্বৰ প্ৰেক্ষাপটত গুৰুত্ব আৰু খ্যাতি লাভ কৰা নিৰ্বাচিত সাহিত্য অধ্যয়নৰ খ্যাগেদি বিশ্ব সাহিত্য বিভৃতিৰ আভাস পাব।</li> </ul>
DSE-4 (A)	6th	Special Author	*ছাত্ৰ-ছাত্ৰীসকলে নিবচিত এজন বিশিষ্ট অসমীয়া লেখকৰ অধ্যয়নৰ জৰিয়তে বিস্তৃতভাৱে জনাৰ সুযোগ পাব। *নিবচিত লেখকজনৰ জীৱন আৰু সাহিত্যকৃতিৰ পৰিচয় পাব।
(B)	7	Project	*ছাত্ৰ-ছাত্ৰীসকলৰ গৱেষণা কৰ্মৰ সাধাৰণ ধাৰণা জন্মিব।  *প্ৰায়োগিক ক্ষেত্ৰত গৱেষণা কৰ্ম সম্পাদনৰ অভিজ্ঞতা লাভ ক বিব পাৰিব।  *গৱেষণাৰ বিষয় নিবচিন,গৱেষণাৰ উদ্দেশ্য,গৱেষণাৰ পদ্ধতি আদিৰ জ্ঞান লাভ হ'ব।  *অসমীয়া ভাষা, সাহিত্য আৰু সাক্ষৃতিৰ সৈতে জড়িত বিষয় নিবাচনিৰ পৰা আৰম্ভ কৰি প্ৰকল্পৰ প্ৰতিবেদন প্ৰস্তুত কৰালৈকে সকলো দিশৰ অভিজ্ঞতা অৰ্জন হ'ব।

(Dr Beby Moni Gogoi)

HOD, Assamese Deptt. Moridhal College

Date: 19-03-2022

HoD, Assamese Moridhal College

NAME OF PROGRAMME: B.A./BS.c Anthropology Course Specific Outcome

Course	Semeste	Course Title	Course
Core-1	1 <sup>st</sup> Sem	Introduction to Biological Anthropology	On completion of the course, the students will be able to - Gained insights into the core of Biological Anthropology covering aspects like history and development of the subbranch, human variations, theories of evolution and primate studies.
Core-2	1 <sup>st</sup> Sem	Introduction to socio- cultural Anthropology	On completion of the course, the students will be able to-     Equipped with the relevant anthropological concepts associated with human society and culture and tools and technique to embark upon empirical field work.
Core-3	2 <sup>nd</sup> Sem	Archeological Anthropology	Gain adequate knowledge on what is Archeological Anthropology, its scope and methods of study, Geochronology, tools and tool making culture
Core-4	2 <sup>nd</sup> Sem	Fundamentals of Human Origin & Evolution	On completion of the course, the students will be able to- Gained a focused understanding of Miocene hominoids, their evolution and distribution.
Core-5	3 <sup>rd</sup> Sem	Tribes and Peasants In India	On completion of the course, the students will be able to-  To acquire knowledge of –  (i) What is a tribe ?  (ii) Who is a peasant?  (iii) Tribal policy in India  (iv) Village and village community  (v) Caste system and  (vi) Ethnography
Core-6	3 <sup>rd</sup> Sem	Human Ecology:Biuological & cultural dimensions	On completion of the course, the students will be able to- Gained knowledge of human ecology with respect to adaptation acclimatization under various agents of changes.
Core-7	3 <sup>rd</sup> Sem	Biological Diversity in Human Populations	On completion of the course, the students will be able to-  Knowledge of Biological diversity in terms of genetic variations and bio-cultural determinants of population variations.
Core-8	4 <sup>th</sup> Sem	Theories of culture and society	On completion of the course, the students will be able to-     Have got acquainted with the advocators of various theories and their contributions to the understanding of human society and culture.
Core-9	4 <sup>th</sup> Sem	Human growth and development	On completion of the course, the students will be able to- Gained knowledge about human growth, development, differentiations and maturation.
Core- 10	4 <sup>th</sup> Sem	Passarch methods	On completion of the course, the students will be able to-     Equipped with the relevant methods, tools and techniques of empirical research in anthropology.
Core-11	5 <sup>th</sup> Sem	Human Population Genetics	On completion of the course, the students will be able to- Comprehend the very concept of human population genetics from the evolutionary and ecological perspectives.

			Page 2 of
Core-12	5 <sup>th</sup> Sem	Anthropology in practice	On completion of the course, the students will be able to- Gained knowledge on the significance of Anthropology as an applied science in the field of education, planning and development.
DSE-1(a)	5 <sup>th</sup> Sem	Indian Archeology	On completion of the course, the students will be able to- Gained knowledge on the prehistory of India with special reference to tool culture, tool classification, and tool industry in India.
DSE-1(c)	5 <sup>th</sup> Sem	Tribal cultures in India	On completion of the course, the students will be able to- Know about tribal policies and development with governmental Schemes.  Safeguards are discuss according to Indian constitution.
Core-13	6 <sup>th</sup> Sem	Forensic anthropology	On completion of the course, the students will be able to- Trained at applying anthropological knowledge in the study of crime from the perspective of forensic anthropology.
Core-14	6 <sup>™</sup> Sem	Anthropology In India	On completion of the course, the students will be able to- Study about the Indian society and culture from Indian Anthropological point of view rather than a colonial or western perspective
DSE-3	6 <sup>th</sup> Sem	Urban Anthropology	On completion of the course, the students will be able to-  Understand the urban centers and cultures with industries and populations  Urban policies and issues
DSE-4	6 <sup>th</sup> Sem	Dissertation	On completion of the course, the students will be able to-     It is based on field work specially ethnographical works and study about methods.
GE-1	1 <sup>st</sup> Sem	Introduction to Biological Anthropology	On completion of the course, the students will be able to -  Gained insights into the core of Biological Anthropology covering aspects like history and development of the subbranch, human variations, theories of evolution and primate studies.
GE-2	2 <sup>ne</sup> Sem	Introduction to socio- cultural Anthropology	On completion of the course, the students will be able to-     Equipped with the relevant anthropological concepts associated with human society and culture and tools and technique to embark upon empirical field work.
GE-3	3 <sup>rd</sup> Sem	Tribes and Peasants In India	On completion of the course, the students will be able to-  To acquire knowledge of —  (vii) What is a tribe ?  (viii) Who is a peasant?  (ix) Tribal policy in India  (x) Village and village community  (xi) Caste system and  (xii) Ethnography
GE-4	4 <sup>th</sup> Sem	Theories of culture and society	On completion of the course, the students will be able to-  Have got acquainted with the advocators of various theories and their contributions to the understanding of human society and culture.

(Dr. Priyanka Gogoi) HoD, DepartmentAnthropology, Moridhal College

COURSE: PGDCA

SEMESTER 1 <sup>57</sup>	PAPER CODE	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	OUTCOMES
1	101	Fundamental of Computers	On the completion, the students will be able to Identify computer hardware and peripheral devices Differentiate various number systems Distinguish the advantages and disadvantages of various operating systems Use Microsoft Office suite
	102	Programming with C	On the completion, the students will be able to     Comprehend fundamental concepts of C program     Develop C code for different problems
	103	Relational Database Management System	On the completion, the students will be able to  Define database  Explain the advantages of database  Construct database model  Use RDBMS's back end and front end tools  Get hands on experience on SQL
	104	Data Communication and Computer Network	On the completion, the students will be able to  Describe fundamental concepts of data communication and computer networks  Illustrate the Layers of ISO/OSI and TCP/IP reference model
	105	Project I	On the completion, the students will be able to     Comprehend fundamental concepts of system analysis and design     Use and apply the concepts of courses of the 1st semester PGDCA program
2018	201	Introduction to Multimedia	On the completion, the students will be able to     Summarize the key concepts in current multimedia technology     Create quality multimedia software titles
	202	Desktop Publishing	On the completion, the students will be able to  Create book works, building booklets, completing the book using PageMaker  Create business cards, pamphlets, banners, newspapers, books using CorelDraw  Use various tools of Photoshop
	203	Internet & Web Technology	On the completion, the students will be able to  Develop and publish web sites  Resolve Code and troubleshoot HTML web pages, incorporating CSS and JavaScripts
	204	Mobile Technology	On the completion, the students will be able to  Explain different mobile operating system  Discuss various mobile technologies  Develop mobile applications
	205	Project II	On the completion, the students will be able to  Comprehend fundamental concepts of system analysis and design  Use and apply the concepts of courses of the 1st semester PGDCA program

COURSE: BSC

SEMESTER	PAPER CODE	PAPER NAME	OUTCOMES
III	GE-1	Computer Fundamentals	On the completion, the students will be able to  Learn about the fundamentals of the computer system: basic structure, hardware, software, memory, etc.  Get insight on emerging technologies related to computing  Get hands on experience on the use of office automation tools
2 <sup>red</sup>	GE-2	Introduction to Database Systems	On the completion, the students will be able to  Define database  Explain the advantages of database  Construct database model  Use RDBMS's back end and front end tools  Get hands on experience on SQL
	GE-2	Introduction to Programming	On the completion, the students will be able to  • Learn the basics of C and C++ programming languages  • Learn about the concept of OOP  • Learn how to develop software using C and C++ programming languages
	GE-2	Computer Networks and internet Technologies	On the completion, the students will be able to  Learn about the different technologies, media, devices, etc.  Develop and publish web sites  Resolve Code and troubleshoot HTML web pages, incorporating CSS and JavaScripts
3 <sup>rd</sup>	GE-3	Multimedia and Applications	On the completion, the students will be able to  Learn about the fundamentals of multimedia and its applications  Learn different components of multimedia such as text. image, audio, video, animation, etc.  Get hands on experience on Flash multimedia tool
	GE-3	Programming in Python	On the completion, the students will be able to  Learn the basics of Python programming languages  Learn about the concept of OOP  Learn how to develop software using Python programming languages
	GE-3	Programming in VB/GAMBAS	Learn the basics of VB/GABAS     Learn about the database connectivity with VB     Develop C code for different problems
	SEC 1	Web Design	On the completion, the students will be able to     Develop and publish web sites     Resolve Code and troubleshoot HTML web pages, incorporating CSS
4 <sup>th</sup>	GE-4 Information Security and Cyber Laws		On the completion, the students will be able to  Learn about different cyber security issues, threats an tools  Learn about digital crime and related laws  Learn about cryptography and its applications

GE-4	Web and E- Commerce Technologies	On the completion, the students will be able to  Learn about the technologies related to e-commerce  Develop and publish web sites  Resolve Code and troubleshoot HTML web pages, incorporating CSS, JavaScripts, SQL, PEARL, ASP
SEC 2	Web Design	On the completion, the students will be able to  Develop and publish web sites  Resolve Code and troubleshoot web pages incorporating HTML5, JavaScript and PHP

COURSE: BA

SEMESTER	PAPER CODE	PAPER NAME	OUTCOMES
1"	GE-1	Computer Fundamentals	On the completion, the students will be able to  Learn about the fundamentals of the computer system: basic structure, hardware, software, memory, etc.  Get insight on emerging technologies related to computing  Get hands on experience on the use of office automation tools
2 <sup>nd</sup>	GE-2	Multimedia & Application	Don the completion, the students will be able to     Learn about the fundamentals of multimedia and its applications     Learn different components of multimedia such as text, image, audio, video, animation, etc.     Get hands on experience on Flash multimedia tool
3"	GE-3	Programming	On the completion, the students will be able to  Learn the basics of C and C++ programming languages  Learn about the concept of QOP  Learn how to develop software using C and C++ programming languages
	SEC 1	Web Design	On the completion, the students will be able to     Develop and publish web sites     Resolve Code and troubleshoot HTML web pages, incorporating CSS
4 <sup>th</sup>	GE-4	Desktop Publishing	On the completion, the students will be able to  Create book works, building booklets, completing the book using PageMaker  Create business cards, pamphlets, banners, newspapers, books using CorelDraw  Use various tools of Photoshop
	SEC 2	Web Design	On the completion, the students will be able to     Develop and publish web sites     Resolve Code and troubleshoot web pages incorporating HTMLS, JavaScript and PHP

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Head of Department Department of Computer Rooms Monthly Conego, Monthly (Amit Kumar Mandal)

HOD Department of Computer Science Moridhal College NAME OF PROGRAMME: B.A. ECONOMICS Course Specific Outcome

Course	Semester	Course Title	se Specific Outcome Course
Course	Semester	Course Tide	Outcome
Core-1	1 <sup>st</sup> Sem	Introductory Microeconomics	On completion of the course, the students will be able to-  Understand basic principle of microeconomic theory  To develop theoretical understanding of strategic behavior of economic agents in decision making  Apply microeconomics concepts to study real life situations.
Core-2	1 <sup>st</sup> Sem	Mathematica I methods for Economics-I	On completion of the course, the students will be able to-  Learn basic mathematical concepts to study economic theory better.  Build a base for more advanced quantitative methods to explain economic theories.
Core-3	2 <sup>nd</sup> Sem	Introductory macroeconomics	On completion of the course, the students will be able to-  Understand the role of macroeconomics at large.  Understand the preliminary concepts related to aggregate economy viz. GDP, inflation, investment et.al.
Core-4	2 <sup>nd</sup> Sem	Mathematical method for Economics-II	On completion of the course, the students will be able to- Build up on the precious concepts of utilizing models to understand and analyze economic theories Apply these to solve empirical problems.
Core-5	3 <sup>rd</sup> Sem	Essential of Microeconomics	On completion of the course, the students will be able to-  Understand the behavior of the consumer, the producer and a competitive firm.  Learn how these can affect the outcome at large.
Core-6	3 <sup>rd</sup> Sem	Essentials of Macroeconomics	On completion of the course, the students will be able to-  Understand macroeconomics in terms of analytical tools.  Learn about role of policy in employment determination.  Learn theoretical issues related to open economy.
Core-7	3 <sup>rd</sup> Sem	Statistical Methods for Economics	On completion of the course, the students will be able to- Learn basic concept of statistical analysis and inferences Learn sampling techniques to collect data for survey Build a base to carry out research work in the feature.
Core-8	4 <sup>th</sup> Sern	Advanced Microeconomics	On completion of the course, the students will be able to- Build on basics of microeconomics  Apply concepts to understand vital topics like game theory coupled with reasoning.
Core-9	4 <sup>th</sup> Sem	Advanced Macroecon omics	On completion of the course, the students will be able to- Have clarity on long run dynamic issues like growth and technical progress.  Explore and analyze previously learn aggregative concepts.
Core- 10	4 <sup>th</sup> Sem	Introductory Econometrics	On completion of the course, the students will be able to-     Understand statistical concepts of hypothesis testing, estimation and diagnostic testing of simple and multiple regression models.      Learn consequences and tests of misspecification of regression models.
Core-11	5 <sup>th</sup> Sem	Indian Economy-I	On completion of the course, the students will be able to-  • Analyze major trends in economic indicators.  • Learn about policy debates in india post-independence.  • Underground paradigm shift keep up with emerging issues.

Core-12	5 <sup>th</sup> Sem	Development economics-I	On completion of the course, the students will be able to- Make cross-national models.  Explore connection between growth by inequality. Discuss the role of state government and problems faced by the same.  Link political institutions to growth by inequality.
DSE-1	5 <sup>th</sup> Sem	Money and financial markets	On completion of the course, the students will be able to- Understand theory and functioning of monetary and financial sectors.  Learn about organization, structure by rule of financial markets by institutions  Understand financial and banking sectors responses and monetary policy.
DSE-2	5 <sup>m</sup> Sem	Public Economics	On completion of the course, the students will be able to-     Formally analyze the government taxation and expenditures.     Study government policy from the point of view of economic efficiency and equality.     Study Indian public finances
Core-13	6 <sup>th</sup> Sem	Indian Economy-II	Examine sector specific policies.     Understand their impact in shaping trends in key economic indicators in India.     Evaluate the Indian empirical evidence.     Learn about emerging issues
Core-14	6 <sup>th</sup> Sem	Development Economics-II	On completion of the course, the students will be able to-     Learn basic demographic concepts and main evolution     Learn how governance is linked to sustainable growth.     Understand the role of globalization and internation dependencies
DSE-1	6 <sup>th</sup> Sem	Environmental Economics	On completion of the course, the students will be able to-     Understand the economic causes of environmental problems as well as the implications of environment policy on economics.     Analyze cause benefit ratio of such policies     Assess environmental impact of the same.
DSE-2	6 <sup>th</sup> Sem	History of economic Thought	
GE-1	1 <sup>st</sup> Sem	History of Microeconomics	On completion of the course, the students will be able to-  Know the basic principles of microeconomic theory.  Understand how microeconomic concepts can be applied to analyze real life situations.
GE-2	2 <sup>nd</sup> Sem	Introductory Macro Economics	Concompletion of the course, the students will be able to-     Know the basic concepts of macro economic theory     Discuss the preliminary concept associated with the determination and measurement of aggregate macro economic variables like saving, investment, GDP.
GE-3	3 <sup>rd</sup> Sem	Indian Economy-I	On completion of the course, the students will be able to-     Analyze major trends in economic indicators by policy debates after 1947.     Learn about emerging issues in similar context.
GE-4	4 <sup>m</sup> Sem	Indian Economy-II	On completion of the course, the students will be able to- Examines sector specific policies and the impact in shaping trends in key economy indicators in India.  Highlights major policy debates and evaluates the India's empirical evidence.
SEC	3 <sup>rd</sup> Sem	Entrepreneurship Development	On completion of the course, the students will be able to-  • Understand the basic principles of entrepreneurship- Positive areas of development, funding,

Maya Barrich. Dept of Economics.

# Name of Programme: B.A. Education Course Specific Outcome

Course	Semester	Course Title	Course Outcome
Core 1	1 <sup>st</sup> sem	Philosophical Foundations of Education	On completion of the course, the students will be able to- Describe the modern concept, aims, functions and role of education.  Describe the role of philosophy in education.  Explain the basic tenants of the given Indian and Western Philosophies and their influence in Education.  Appraise the contribution of the given philosophers in the domain of education.
Core2	1 <sup>st</sup> sem	Sociological Foundations of Education	On completion of the course, the students will be able to:  Explain the concept, approaches and theories of educational sociology.  Illustrate Social Aspects, Social Processes and role of Education.  Explain the role of Education in Social Change and Development.  Describe various Social Groups and their Education  Explain different Political Ideologies and their bearings or Education
Core 3	2 <sup>nd</sup> sem	Psychological Foundations of Education	On completion of the course, the students will be able to:  Explain the concept, nature, scope and uses of psychology in Education.  Explain the influence of growth and development in education.  Describe the meaning, concept, variables, types and theories of learning.  Discuss the concept and theories of intelligence and creativity.  Explain the meaning, concept, factors and theories of personality.  Describe the concepts of mental health and mental hygiene measures of mental health in school.
Core 4	2 <sup>nd</sup> sem	Educational Administration and Management	On completion of the course, learners will be able to-  • Define the concept of Educational Management.  • Describe the types of management and modern trends of Educational management.  • Define the concept of educational leadership  • Explain the principles of educational leadership  • Describe the styles of leadership and its implication in educational leadership.  • Define the concept of educational planning and its importance  • Analyze the role and importance of educational supervision  • Suggest measures to ensure quality in educational management.
Core 5	3 <sup>rd</sup> sem	Great Educators and Educational Thoughts	After completion of the Course, the students will be able to-     Describe the contribution of the given philosophers in the domain of education     Explain the relevance of the educational thought of the given philosophers
Core 6	3 <sup>rd</sup> sem	Measurement and Evaluation in Education	On completion of the course, the students will be able to:  Explain the meaning, nature, scope, need and types of measurement and evaluation in education.  Describe the meaning of psychological tests, their characteristic and process of construction.  Describe some specific tools to measure achievement, intelligence personality and aptitude.  Describe the meaning and nature of different statistical measures.  Use statistics in measurement and evaluation in education.
Core 7	3 <sup>rd</sup> sem	Experimental Psychology and	On completion of the course, the students will be able to:  Explain the concept, scope and need of Experimental psychology.  On completion of the course, the students will be able to:  Explain the concept, scope and need of Experimental psychology.  On completion of the course, the students will be able to:  Explain the concept, scope and need of Experimental psychology.

Core 8	4 <sup>th</sup> sem	Education in Pre- Independent India	On completion of the course, the students will be able to:  Explain the concept of education in the context of Indian heritage.  Describe the education in ancient India, particularly Vedic Education and Buddhist Education.
Core 9A	4 <sup>th</sup> sem		<ul> <li>Critically examine the education system in Medieval India.</li> <li>Evaluate the education system during British period with special emphasis on the commissions and committees.</li> </ul>
		Techniques of Teaching	On completion of the course, the students will be able to:  Explain the meaning and nature of teaching.  Describe the principles of teaching and learning.  Describe the role of teacher at different phases of teaching.  Explain the importance of planning lessons in teaching-learning process.  Describe the concept of teaching skills and the stages of microteaching cycle.  State the objectives of teaching different subjects in Elementary and Secondary levels.  Describe different methods and approaches of teaching
Core 98	4 <sup>th</sup> sem	Teaching Practice	On completion of the course, the students will be able to:  Demonstrate a few teaching skills in classroom.  Integrate the teaching skills in real classroom situations.  Prepare lesson plans for Microteaching and Practice teaching.
Core 10	4 <sup>th</sup> sem	Educational Technology	On completion of the course, the students will be able to:  Describe the concept, nature and components of Educational Technology.  Distinguish between Educational technology and Instructional Technology.  Apply ICT in teaching learning.  Describe the concept, components and characteristics of communication.  Demonstrate the skills of effective communication.  Apply Models of teaching, personalized system of instruction, programmed learning in teaching learning.
Core 11	5 <sup>th</sup> sem	Education in Post- Independent India	On completion of the course, the students will be able to:  Describe the educational scenario at the time of Independence.  Explain the roles of various Commissions and Committees in the development of education in post independent India.  Describe the recent educational developments in India.
Core 12	5 <sup>th</sup> sem	Education in World Perspective	On completion of the course, the students will be able to:  Explain the meaning and definition, nature, scope and purpose of comparative education.  Describe the factors influencing in national system of education.  Describe the methods of comparative education.  Explain the organization, administration, objectives and examination systems of the countries.

			<ul> <li>Describe the vocational and teacher education of different countries, specially UK, USA, India and Japan.</li> <li>Explain the open education in world perspective.</li> </ul>
Core 13	6 <sup>th</sup> sem	Emerging Trends in Indian Education	<ul> <li>On completion of the course, the students will be able to</li> <li>Explain the need of constitutional provisions for education, and the role of constitution in equalizing educational opportunities in the diverse Indian Society.</li> <li>Identify the challenges of Indian education at different levels and suggest measures to overcome these.</li> <li>Define the new perspectives of education such as Environmental education, Inclusive education, Gender education, Inclusive education, Adult education, Human right education, Value education, population education etc.</li> <li>Critically examine and evaluate the initiatives taken by Government of India through various plans and policies to counter the challenges of Indian education.</li> <li>Explain the political influences on the national education system.</li> <li>Analyze the role of international agencies in development of education.</li> </ul>
Core 14	6 <sup>th</sup> sem	Child & Adolescent Psychology	On completion of the Course, students will be able to:  Explain the significance of a study of childhood and adolescence today.  Describe the developmental changes of childhood and adolescence.  Summarize the effect of family dynamics on child and adolescent development.  Explain the significance of the role of society in monitoring and guiding young children in their proper development.
Discipline Specific Elective1/ Generic Electiv1	DSE- 5 <sup>th</sup> Sem GE – 1 <sup>st</sup> Sem	Guidance and Counselling	On completion of the course, the students will be able to:  Describe meaning, nature, purpose and scope of guidance and counselling.  Describe the characteristics and functions of guidance and counselling.  State the basic principles of guidance and counselling.  Explain the types and areas of guidance and counselling.  Use various tools and techniques of guidance in appropriate context.  Explain the qualities and role of a counsellor.
Discipline Specific Elective2/ Generic Elective2	DSE-5 <sup>th</sup> Sem GE-1 <sup>st</sup> Sem	Value Education	On completion of the course, the students will be able to:  Explain the concepts of values and value education.  Describe the importance of value education in the 21st century.  Describe the need of values in creating a better world.  Explain the promotion of value through education.
Discipline Specific Elective3/ Generic Elective3	DSE- 5 <sup>th</sup> Sem GE – 3 <sup>rd</sup> Sem	Inclusive Education	On completion of the course, the students will be able to:  Explain the concept of special education, integrated education, and inclusive education.  Discuss the global and national commitments towards the education of children with diverse needs.  Appreciate the need for promoting inclusive practice and the role: and responsibilities of all concerned personnel.  Analyse critically the recommendations of various commissions and committees towards teacher preparation for inclusive education.  Describe the nature of difficulties encountered by children and in preparing conducive teaching learning environment in inclusive schools.
			Identify existing support services for promoting inclusive practice.

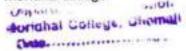
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			disadvantaged section in India.     Describe the schemes and programmes for education of socially disadvantaged groups.
Discipline Specific Elective4/ Generic Elective 4	DSE- 5 <sup>th</sup> Sem GE – 3 <sup>rd</sup> Sem	Mental Health Issues	On completion of the course, the students will be able to:  Explain the need and importance of understanding the concepts of mental health and hygiene in the emerging society.  Empathize with people having psychological and maladjustment problems.  Describe the role of different agencies of society and their impacts on the development of an individual's personality.  Describe the various components of positive psychology and its significance in the teaching learning processes.  Integrate yoga in their day-to-day lives for holistic health.
Discipline Specific Elective5/ Generic Elective 5	DSE- 6 <sup>th</sup> Sem GE – 2 <sup>nd</sup> Sem	Human Rights Education	On completion of the course, the students will be able to:  Explain the meaning, definition, nature, scope, theories and constitutional perspectives of human rights.  Describe the concept, objectives, principles, need and curriculum, of human rights education.  Describe methods and activities of teaching human right education.  Describe the factors promoting human right education.  Describe the basics of human rights education i.e. societal, political, regionalism and limitations of its.  Explain the role of different agencies of human rights education.
Discipline Specific Elective6/ Generic Elective 6	DSE- 6 <sup>th</sup> Sem GE – 4 <sup>th</sup> Sem	Economics of Education	On completion of the course, students will be able to-  Describe the meaning, scope and importance of Economics of Education.  Define and illustrate the concepts used in economics of Education.  Examine the historical development of Economics of Education.  Explain the concept of Education as a good, demand and supply of education, Utility of Education etc.  Explain the concept of investment in education, return on investment in education, education as production process etc.  Explain the concepts of different types of Educational cost.  Examine the concepts of human capital formation, Education financing, Educational Planning etc.
Discipline Specific Elective7/ Generic Elective 7	DSE- 6 <sup>th</sup> Sem GE – 2 <sup>nd</sup> Sem	Gender and Education	On completion of the course, the students will be able to:  Explain the meaning and nature of gender and its related terms.  Describe the gender biases and gender inequality in family, school and society.  Describe the gender issues related to school education.  Analyse the laws and policies related to gender equality
Discipline Specific Elective 8	DSE – 6 <sup>th</sup> Sem	Project Report	After completion of this course, the student will be able to:  Explain the process of conducting a Project.  Identify the problems for Educational Project.  Solve problems faced in educational field through project.  Prepare a project report.

(Dr. Lekhan Gogoi)

HoD, Department of Education

Moridhal College



Course	Semester	Course Title	Course Outcome
Core-1	1 <sup>st</sup> Sem	Indian Classical Literature	On completion of the course the student will get opportunity to acquaint themselves with the rich cultural heritage of ancient Indian literature, especially Sanskrit Literature. Indian classical literature can truly claim the distinction of achieving the highest peak of art form in Sanskrit in the immortal plays of Kalidas, the epics The Ramayana and The Mahabharata, Shudraka's Mrcchakatika among others.
Core-2	1 <sup>st</sup> Sem	European Classical Literature	On completion of the course the students will learn the nature of ancient Greek and Roman literature. The study of ancient Greek literature implies a study of literature written in Greek in the pre Christian period, by non-Christians in the first six centuries of the Christian era.Roman literature, written in the Latin language, remains an enduring legacy of the culture of ancient Rome. The students will know about the influence of Greek and Roman literature in English and other literatures across the globe by being acquainted with the great classics like Iliad, Metamorphosis, Antigone etc.
Core-3	2 <sup>nd</sup> Sem	Indian writing in English	On completion of the course the students will learn how the Indian writers- poets, novelists, essayists and dramatists have been making momentous and considerable contributions to world literature since preand post -Independence era. The students will learn various Indian issues in terms of Indian polity, culture, gendered differences, home, dislocation, caste system, social manners, economy etc in broad perspective.
Core-4	2 <sup>nd</sup> Sem	British Poetry and Drama, 14 <sup>th</sup> to 17 <sup>th</sup> Centuries	On completion of the course the students will learn about British poetry and drama from Chaucer to Shakespeare. They will get acquainted with the literatures of the age of Chaucer and Elizabethan period. Shakespeare and Marlowe are the bright icons of this age with ample tragedies, comedies and sonnets and students will know about the Elizabethan stagecraft along with the themes of its poetry.
Core-5	3 <sup>rd</sup> Sem	American Literature	On completion of the course the students will introduce with the American literature, a field that could be considered as comparatively recent in formulation when compared with the literature of Britain and Continental Europe. It is a literature steeped in the reality and illusion of American Dreams, the transcendentalist movement, the history of slavery in the South, the great economic depression etc. The students will have knowledge of all these aspects of American life through this course.
Core-6	3 <sup>ro</sup> Sem	Popular Literature	On completion of the course the students will acquaint with the popular literary segments like the crime thriller graphic fiction, children's literature regarded as meant for easy consumption by masses across the globe. It is designed primarily to entertain the students that rest in

			dilemma for enquiry into the probabilities and improbabilities of its themes.
Core-7	3 <sup>rd</sup> Sem	British Poetry and Drama17th and 18 <sup>th</sup> Centuries	On completion of the course the students will know about the dominant political events, such as the Puritan Interregnum and the Restoration. The students will also know about the events responsible for ushering in changes in the thought-processes of poets like Milton and Pope, dramatists like Webster and Behn, and so forth.
Core-8	4 <sup>th</sup> Sem	British Literature:18 <sup>th</sup> Century	On completion of the course the students will learn about the new modes of creative expression, particularly prose narratives of Swift and Sterne and Congreve's plays depicting the manners of the 18 <sup>th</sup> century. The eighteen century literature is basically permeated with 'reason' that encourages for satiric and ironic presentation of the social evils that the students will get to know.
Care-9	4 <sup>th</sup> Sem	British Romantic Literature	On completion of the course the students will learn about the romantic literature which is the product of the revolutionary zeal precipitated by two great revolutions-the French Revolution and the American War of Independence. They will know about highly imaginative, rhetorical, emotive, visionary, metaphysical, epical, sensuous aspects of the works of the prominent poets of the age.
Core-10	4 <sup>th</sup> Sem	British Literature: 19 <sup>th</sup> Century	On completion of the course the students will learn about the changes of ideologies of human as a result of the forces of industrialisation and the scientific enquires. The students will also know how the utilitarian values exhorting personal aggrandisement at the cost of social responsibility became the practice of daily lives of the people. The major fictions of the time such as Pride and Prejudice, Hard Times, Jane Eyre etc. provide interesting base to get acquaint with the new changes in all domains of social life of the Victorian England.
Core-11	5 <sup>th</sup> Sem	Women's Writing	On completion of the course the students will come to know various women issues like their fears, anxieties, status in the society, desires, emotion, freedom of expression in mal-dominated phenomenon. Students will also get introduced with the fact that how women' writings is situated in a space that transcends or upends the male writing tradition through various ways.
Core-12	5 <sup>th</sup> Sem	British Literature: the Early 20 <sup>th</sup> Century	On completion of the course the students will know about early Twentieth-century British literature

			that was encapsulated in symbolism, existentialism, cubism, Dadaism, expressionism, and nihilism. This course will enable the students to know all such changes of post war situation.
DSE-I	5 <sup>th</sup> Sem	Literature of Indian Diaspora	On completion of the course the students will be able to learn about the diasporic literature that deals with the themes of alienation, displacement, existential rootlessness, nostalgia, quest for identity, hybridity and so on. Indian diasporic writers have contributed greatly literature, especially those writing in English. Salman Rushdie, AmitavGhosh, Vikrom Seth, JhumpaLahri, RohintonMistri are the luminaries in the field of fiction and their works have earned both critical acclaim and commercial success. The students will get introduced with the issues that haunt the writers who have settled abroad, despite being Indians in terms of roots and emotional make up.
DSE-2	5 <sup>th</sup> Sem	World Literature	On completion of the course the students will know about the world literature which is sometimes used to refer to the sum total of the world's national literature, but usually it refers to the circulation of works into the wider world beyond their country of origin. It is important insofar as it enables the learners to know about the form and content of texts are part of different spatialities that student will get introduced.
Core-13	6 <sup>th</sup> Sem	Modern European Drama	On completion of the course the students will learn about the revival of twentieth century drama after it was forced to shut down during the Puritan Interregnum. It was with the onset of the twentieth-century that drama made a magnificent return with the veteran playwrights like Henrik Ibsen, Bertold Brecht, Samuel Beckett etc. with presentation of the political, social, individual, economic conditions the post-war Europe.
Core-14	6 <sup>th</sup> Sem	Post- Colonial Literatures	On completion of the course the students will get introduced with post-colonial literature. The importance of postcolonial studies in a globalised world in which more than three-quarters of the people living in the world today have had their lives shaped by the experience of colonialism. The students will know about the literary texts and literary analysis of the era.
DSE-3	6 <sup>th</sup> Sem	Partition Literature	On completion of the course the students will learn about the partition literature. The Partition was perhaps the most horrific event of the twentieth-century subcontinent's history. Thousands of innocent people across the divided nation lost their lives, millions lost their homes, and migration of unimaginable magnitude took place. It is important to understand the background and reason for the partition, but also to consider its effects on the lives of the people involved. This course attempts to introduce the students about the literature

AECC-I	B.A. 1 <sup>st</sup> Sem	English Communication	On completion of the course the students will come to know the theory and the fundamental tools of communication and to develop in them vital communication skills which should be integral to personal, social and professional interaction. One of the critical links among human beings and an important thread that binds the society together is the ability to share thoughts, emotions and ideas through various means of communication: both verbal and non-verbal. In the context of rapid globalisation and increasing recognition of social and cultural pluralities, the significance of clear and effective communication has substantially enhanced and the students will get introduced with such new skills of communication through the course.
AECC-II	B.A. 1 <sup>st</sup> Sem	Alternative English	On completion of the course the students will learn some of the most representative Prose pieces and Short Stories in the western literary and cultural canon. The students will also acquaint with texts that are significant in Indian Writing in English that impart best that has been written in the East as well as West.
SEC1	B.A. Third Sem	Creative Writing	On completion of the course the students will know the basics of creative and literary expression through traditional modes such as poetry drama in the English language that may prove useful in enhancing the vocabulary and creative skills. In this regard the necessary tools to articulate various subjective experiences as well as objective analysis shall be incorporated in the course.

			that captures the sense of the time.
DSE-4	6 <sup>th</sup> Sem	Travel Writings	On completion of the course the students will learn about the travel writing which becomes an important field of study nowadays. The course is concerned with the writings of the travellers as they document the ways of a foreign culture, which might be ethnocentric in assumption, or some form of reverse ethnocentrism might be at work as well. Through the course the students will know the travellers' accounts of the places from the past to the present. The course will attempt to underscore the problematic associated with the genre, such as the claims to authenticity of the narrativised events, the role of imagination, the ethnocentric gaze, the element of wonder, and so forth.

(Dr. P.J. Gogoi) HoD, Deptt. Of English Moridhal College

## NAME OF PROGRAMME: B.A./BS.c GEOGRAPHY

Course Specific Outcome emester Course Title Course Outcome On completion of the course, the students will be able to-Make the students comprehend the various processes responsible Geomorphology and for the development of diverse landforms on the earth surface. 1<sup>st</sup> Sem Core-1 Biogeography The candidate will also learn how the natural surrounding and human activities are responsible for the distribution of plants and On completion of the course, the students will be able to-Make the students understand the various morphometric techniques Core-1 Geomorphic 1<sup>st</sup> Sem used in drainage analysis. P2 techniques The students will also about the various slope analysis techniques and uses of different types of scale. On completion of the course, the students will be able to-Make the students aware of the composition of atmosphere and 1" Sem Care-2 Climatology various climatic processes. The students will also learn about various factors responsible for the climatic disturbances. On completion of the course, the students will be able to-Make the students gain knowledge of the various weather symbols Core-2 Practical's based on and to prepare graphs based on climatic data. 1" Sem P2 climatic data The students will also find out the variability in the distribution of rainfall and the factors responsible for such variation in the pattern of rainfall. On completion of the course, the students will be able to-Introduce the major themes of human geography and its importance in present days. Core-3 2<sup>nd</sup> Sem Human Geography The students will also learn about population growth and factors responsible for uneven distribution of population in the world. The student will also gain knowledge about the population resource relationship and various types of settlement pattern. On completion of the course, the students will be able to-Make the students familiar with the various aspects of India. Core-4 Geography of India The students will learn about the physical, anthropogenic and economic diversity of India and the factors responsible for such diversities. On completion of the course, the students will be able to-Core-4 1<sup>nd</sup> Sem Practical Make the students aware of the various application of thematic P2 mapping and shape index analysis. On completion of the course, the students will be able to-Make the students aware about the history of map projection and 3<sup>rd</sup> Sem Core-5 Cartography uses of different types of map projection. An attempt is also made to enlighten the students about the various surveying methods and the instrument used in it. On completion of the course, the students will be able to-Core-5 Cartographic 3<sup>nt</sup> Sem Enlighten the students with the different types of map projection P2 Techniques and its uses. On completion of the course, the students will be able to-Develop understanding of the learner about climate, soil and Regional Geography topography in different continents of the world. 3" Sem Care- 6 of World The course also familiarize learner with industrialization and population distribution developed. in developing and underdeveloped nations of the world. On completion of the course, the students will be able to-Statistical Methods 3" Sem Core-7 Make the students aware about the various statistical techniques in Geography used in geographical study. On completion of the course, the students will be able to-

4th Sem

4th Sem

**Economic Geography** 

Environmental

Core-8

Core-9

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Enhance the learner with the basic ideas of primary, secondary and

The learners will also acquire the knowledge of some economic

development models in relation to agriculture and industry.

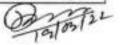
tertiary activities and its spatio-temporal pattern.

On completion of the course, the students will be able to-

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S Superior		Geography	<ul> <li>Develop conceptual and theoretical ideas of environment as well a relationship between man and environment in different geo climation regions.</li> <li>The learners will also attain the nature and intensity of some burning environmental issues at local, regional and global level along with mitigation programs and policies.</li> </ul>
Core-10	4 <sup>th</sup> Sem	Remote Sensing and GIS	On completion of the course, the students will be able to- Enhance of the ability of the learners in the field of latest satellite based technology and data source such as remote sensing.
Core-10 P2	4 <sup>th</sup> Sem	Remote Sensing and GIS Practical	On completion of the course, the students will be able to-  Develop some practical knowledge and skills in diversified applications of remote sensing data and technology.
Core-11	5 <sup>th</sup> Sem	Regional Planning and Development	On completion of the course, the students will be able to-     Improve the understanding of learners about Region, regionalization Regional planning and development.     It will also incorporate models associated with economic growth and development.
Core-11 P2	5 <sup>th</sup> Sem	Regional Planning and Development- Practical	On completion of the course, the students will be able to-  Enhance the learner in the field of demarcation and distribution or resources.
Core-12	5 <sup>th</sup> Sem	Population Geography	On completion of the course, the students will be able to-     Enhance the learner with the basic ideas of population size, composition, growth and distribution along with its determinants.     The course will also incorporate contemporary issues of population.
Core-12 P2	5 <sup>th</sup> Sem	Population Geography- Practical	On completion of the course, the students will be able to-     Develop the cartographic ideas for the representation of major Demographic data.
Core-13	6 <sup>th</sup> Sem	Evolution of Geographic Thought	On completion of the course, the students will be able to-     Familiarizing the learner towards the development of geographic ideas during the era of ancient, pre-modern and modern period.     The course will also enlighten the learners with the contemporary issues and approaches of development of the discipline.
Core-14	6 <sup>th</sup> Sem	Disaster Management	On completion of the course, the students will be able to-     Make the students aware about the concepts of hazards, disasters risk and vulnerability.     In this paper an attempt has been made to prepare the students about the do's and don'ts during and post disaster.
Core-14 P6	6 <sup>th</sup> Sem	Disaster Management based Project Work	On completion of the course, the students will be able to-  Field work is to conduct an extensive survey over an area to evaluate the nature, intensity, frequency and impact of a Hazard/ disaster and suggesting possible mitigation measures.
GE-1	1 <sup>st</sup> Sem	Disaster management	Make the students aware about the concepts of hazards, disasters risk and vulnerability.      In this paper an attempt has been made to prepare the students about the Do's And Don'ts during and post disaster.
		Geography of Tourism	On completion of the course, the students will be able to-     Make the students aware about the scope and nature of tourism.     The students will also learn about the impact of tourism in the economy, environment and society.
	7.	Spatial information technology	On completion of the course, the students will be able to-  • Enlightened the students about the application of various spatial information technologies and the data used for spatial information.
GE-2 2***	2 <sup>nd</sup> Sem	Regional development	On completion of the course, the students will be able to-     Introduce the student about the basic of regions and the need of regional planning in India. The students will also learn about the strategies and models used for regional planning.
GE-3	3 <sup>rd</sup> Sem	Climate change: vulnerability and adaptation	Make the students understand climate change and the factors responsible for such changes.     The students will also learn about the various negative impact of climate change on flora and fauna and its mitigations.
		Rural development	On completion of the course, the students will be able to-

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100	raphy *		Page 3 of 3	
100	01/1/0		<ul> <li>Make the students understand meaning of rural development and the impact of rural economies on the economy of the country</li> </ul>	
GE-4	Chall Condension	Industrial Geography	On completion of the course, the students will be able to-  Make the students aware about the nature and scope of industrial geography.  The students will also know about the various industrial policies of India and impact of industries in the environment, society and economy of India.	
		Sustainable Development	Make the students understand the basic concept and history of development of sustainable development.     The students will also know about the role of various agencies in sustainable development.	
		Settlement Geography	On completion of the course, the students will be able to-     Develop understanding of the learner about the concept, types and the classification of settlements.     The course also familiarizes learners with the basic theories of market center and settlement evolution.	
DSE-1	5" Sem	Resource Geography	On completion of the course, the students will be able to-     Develop the concept of recourse, utilization pattern, classification and its distribution over the earth.     The course also focuses on significances of resource management and sustainable development.	
DSE-2	5 <sup>th</sup> Sem	5 <sup>th</sup> Sem	Urban Geography  Introduce learners we geography.  The course also dea of the world along to	On completion of the course, the students will be able to- Introduce learners with the nature, scope and development of urban geography.  The course also deals with pattern of urbanization in different parts of the world along with basic issues of urbanization in some of the major urban agglomerations in India.
D3E-2				Agricultural Geography
DSE-3		Geography of Health and Well being	On completion of the course, the students will be able to  Conceptualize learner in the field of health and well being, relationship between human activities, health and environment.  The course also covers broad aspects of pollution, climate change and health issues in different parts of the world.	
	6 <sup>th</sup> Sem	Political Geography	On completion of the course, the students will be able to-  Conceptualize learner in the field of political geography, origin of nations and states, concept and theories of Heartland and Rimland, Electoral Geography, Resource Conflicts and politics of Displacements.	
DSE-4	6 <sup>th</sup> Sem	Hydrology and Oceanography	On completion of the course, the students will be able to- Enhance the students about the concept and components of hydrological cycle and its intervention by anthropogenic activities.  The course also incorporates bottom configuration and ocean dynamics along with physical and chemical properties of ocean sea water.	
	6 Sem	Social Geography	On completion of the course, the students will be able to-  Make the student understand the basic concept of social geography and the impact of technologies in social changes.  The student will also know about the different social categories and social problems faced by the society today.	

(Dr. B.K. Nath)

HoD, Department of Geography
Moridhal College
HOD, Department of Geography

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## Name of the Programme: B.Sc Mathematics Course Specific Outcome

Course	Semester	Course Title	Course Outcome
Core 1	1 <sup>57</sup> SEM	Calculus	On completion of the course, the students will be able to Apply Calculus in real life problems. Formulate Mathematical model Explain the relationship between derivative of a function as a function and the notion of the derivative as the slope of the tangent line to a function at a point. Calculate limits in indeterminate forms by repeated use of L'Hospital rule. Find Maxima and Minima, Critical points and Inflexion points of functions and to determine the concavity of curves. Understand the consequences of various mean value theorems for differentiable functions.
Core 2	1 <sup>st</sup> SEM	Algebra	On completion of the course the students will be able to     Describe various algebraic structures on sets.     Identify the algebraic structures present in different branches in sciences.
Core 2.1	2 <sup>nd</sup> SEM	Real analysis	On successful completion of the course, the students will be able to     Identify the properties of the number system     Describe Various analytical properties of the real number system.     Demonstrate an understanding of the theory of sequences and series, continuity, differentiation and integration.
Core 2.2	2 <sup>nd</sup> SEM	Differential equations (P)	On successful completion of the course, students will be able to  Use the techniques to solve differential equations.  Apply these techniques in various mathematical models used in real life problems.  The main aim of the course is to introduce the students to the technique of solving various problems of engineering and science.
Core 3.1	3 <sup>ND</sup> SEM	Theory of real functions	On successful completion of the course, students will be able to  Discuss limit, continuity and differentiation of real valued functions.  Expand functions in series and different form of remainders.  Calculate the limit and examine the continuity of function at a point.  Understand the consequences of various mean value theorems for differentiable functions.
Core 3.2	3 <sup>RD</sup> SEM	Group Theory 1	On successful completion of the course, students will be able to     Describe various group structures on set.     Identify the group structures present in different branches of science.
Core 3.3	3 <sup>RD</sup> SEM	PDE and systems of ODE	On successful completion of the course, students will be able to     Make mathematical formulations and their solutions of various physical problems.     Design mathematical models used in heat waves.     Describe the Laplace equations of their solutions.
Core 4.1	4 <sup>th</sup> SEM	Numerical methods	On successful completion of the course, students will be able to     Discuss various numerical methods and interpolation formulae.     Apply numerical techniques for solving numerical equations

Core 4.2	4 <sup>th</sup> SEM	Riemann Integration and series of functions	On successful completion of the course, students will be able to     Riemann integration, improper integrals.     Differentiation and integration of power series.
C 4.3	4 <sup>th</sup> SEM	Ring theory and linear algebra 1	On successful completion of the course, students will be able to  Describe various ring structures on set.  Solve the system of linear equations.
C 5.1	5 <sup>TH</sup> SEM	Multivariate Calculus	On successful completion of the course, students will be able to     Extend the concepts from One variable calculus to functions of several variables.     Demonstrate the ability to think critically and solving applications of real-World problems involving double and triple integrals.
C 5.2	5 <sup>TH</sup> SEM	Group theory 2	On successful completion of the course, students will be able to     Apply results from Preliminary concepts to solve contemporary problems.     Apply in communication theory, electrical engineering, Computer Sciences and Cryptography.
DSE 1.1	5 <sup>†††</sup> SEM	Analytical Geometry	On successful completion of the course, students will be able to     Sketch Parabola, Ellipse and Hyperbola.     Solve various elliptical Problems analytically.
DSE 2.3	5 <sup>TH</sup> SEM	Number Theory	On successful completion of the course, students will be able to  Obtain solutions of Diophantine equations.  Define Number Theoretic Functions.
C 6.1	6 <sup>th</sup> SEM	Metric Spaces and Complex analysis	On successful completion of the course, students will be able to     Describe various properties of metricspaces.     Complex number system, its differentiation and integration.
C 6.2	6 <sup>th</sup> SEM	Ring Theory and Linear Algebra 2	On successful completion of the course, students will be able to     Apply theorems proof and solution techniques to solve real world problems.     Find the matrix associated with a linear transformation with respect to given bases and can understand the relationship between operations of linear transformations and corresponding matrices.
DSE 3.1	6 <sup>th</sup> SEM	Hydro Mechanics	On successful completion of the course, students will be able to  Describe basic mechanics of fluid mechanics.
DSE 4.4	6 <sup>th</sup> SEM	Differential Geometry	On successful completion of the course, students will be able to     Describe various properties of space curves, surfaces and geodesics.     Discuss the properties of algebra and calculus of Tensors.
GE 1.1	1 <sup>5T</sup> SEM	Differential Calculus	On successful completion of the course, students will be able to  Differentiate Functions.  Find Tangent , Normal, Curvature, Asymptote , etc.
GE 2.1	2 <sup>nd</sup> SEM	Differential Equations	On successful completion of the course, students will be able to  Describe various methods for solving Differential equations.
GE 3.1	3 <sup>ND</sup> SEM	Real Analysis	On successful completion of the course, students will be able to     Analyse the properties of a number line.     Describe various analytically properties of the real number system.
GE 4.1	4 <sup>th</sup> SEM	Algebra	On successful completion of the course, students will be able to     Describe various algebraic structures on sets.     Identify the algebraic structures present in different branches of sciences.

(Ibharani Barsaikia)

Name of the Program: B.Sc. Statistics Course Specific Outcome

COURSE	SEMESTER	COURSE TITLE	COURSE OUTCOME
STAT-C-101	181	DESCRIPTIVE STATISTICS	On the completion of the, the students will be able to-  • Learn about the definition and scope of statistics  • Types of data  • About tabular and graphical presentation  • Measure of central tendency  • Bivariate data  • Index numbers
STAT-C-102	1 <sup>sr</sup>	CALCULUS	On the completion of the, the students will be able to-  • Learn about differential calculus • Integral calculus • Differential equations • Formation and solution of simple differential equations • Homogeneous & Non-homogeneous linear partial equations
STAT-C-201	2 <sup>ND</sup>	PROBABILITY AND PROBABILITY DISTRIBUTION	On the completion of the, the students will be able to-  Basic concept of probability Random variables Mathematical expectations and generating functions Standard probability distributions
STAT-C-202	2 <sup>ND</sup>	ALGEBRA	On the completion of the, the students will be able to-  • Understand about the theory of equations  • Vector spaces, subspaces, span of a set etc.  • Algebra of matrices  • Determinants of matrices  • Rank of a matrix, row rank-rank, column-rank etc.
STAT-C-301	3 <sup>RD</sup>	SAMPLING DISTRIBUTIONS	On the completion of the, the students will be able to-  • About the concepts and applications of Limit laws and of Order Statistics  • Definitions of random sample, parameter and statistics etc.  • Exact sampling distribution  • Snedecore's F-distribution
STAT-C-302	3 <sup>RD</sup>	SURVEY SAMPLING AND INDIAN OFFICIAL STATISTICS	On the completion of the, the students will be able to-  Concept of population and sample, type of sampling with its definition and procedures  Stratified random sampling

			Introduction to Ratio and Regression methods of estimation, concept of sub-sampling     Present official statistical system in India, method of collection of official statistics etc.
STAT-C-303	3 <sup>RD</sup>	MATHEMATICAL ANALYSIS	On the completion of the, the students will be able to-  Real analysis  Infinite series, positive termed series and their convergence, etc.  Review of limit, continuity and differentiability etc  Numerical analysis
STAT-C-401	418	STATISTICAL INFERENCE	On the completion of the, the students will be able to-  Concept, statement and application of estimation  Methods of estimation  Principles of test of significance  Sequential analysis
STAT-C-402	4111	LINEAR MODELS	On the completion of the, the students will be able to-  Gauss-markov set-up  Regression analysis  Analysis of variance  Model checking
STAT-C-403	4 <sup>TH</sup>	STATISTICAL QUALITY CONTROL	On the completion of the, the students will be able to-  Definition, historical perspective of quality control  Control charts for variables  Acceptance sampling plan  Introduction to Six- Sigma, voice of customers(VOC)
STAT-C-501	STH	STOCHASTIC PROCESSES AND QUEUING THEORY	On the completion of the, the students will be able to-  Learn about probability distribution  Markov chains  Poison process  Queuing theory
STAT-C-502	5111	STATISTICAL COMPUTING USING C/C++ PROGRAMMING	On the completion of the, the students will be able to-  History and importance of C  Operators and expressions  Decision making and branching  Arrays  User-defined functions  Pointers
STAT-DSE-1	5711	OPERATION RESEARCH	On the completion of the, the students will be able to-  Introduction of operation research

			Transportation problems     Game theory     Inventory management
STAT-DSE-2	5 <sup>114</sup>	TIME SERIES ANALYSIS	On the completion of the, the students will be able to-  Introduction to time series  Method of moving averages, seasonal components  Random component
STAT-C-601	6 <sup>tht</sup>	DESIGN OF EXPERIMENTS	On the completion of the, the students will be able to-  Role, historical perspective, terminology of experimental design Basic design Incomplete block design Factorial experiments Factorial experiments in a single replicate
STAT-C-602	601	MULTIVARIATE ANALYSIS AND NONPARAMETRIC METHODS	On the completion of the, the students will be able to-  Bivariate normal distribution(BVN): p.d.f. of BVN, Properties of BVN etc.  Multivariate normal distribution and its properties  Application of multivariate analysis  Nonparametric
STAT-DSE-3	6111	SURVIVAL ANALYSIS AND BIOSTATISTICS	On the completion of the, the students will be able to-  • Survival distribution and their applications exponential  • Censoring schemes  • Competing risk theory  • Basic concept of epidemiology  • Statistical genetics
STAT-DSE-4	6тн	PROJECT WORK	On the completion of the, the students will be able to-  Write and present a statistical report, under the supervision of a faculty, on some area of human interest. The project work will provide hands on training to the students to deal with data emanating from some real life situation and propel them to dwell or some theory or relate it to some theoretical concepts.

Knishnajyothi Wath

(Dr. Krishnajyothi Nath)

HoD, Department of Statistics Moridhal College

## NAME OF THE PROGRAMME : B.A. HINDI COURSE SPECIFIC OUTCOME

सेमेस्टर	पाठ्यक्रम संख्या	पाठ्यक्रम शीर्षक	पाठ्यक्रम परिणाम
सेमेस्टर - 1	CORE - 1	हिन्दी साहित्य का इतिहासः : (रीतिकाल तक)	<ul> <li>हिन्दी साहित्य के क्रमिक विकास द्वारा हमें हमारी मध्यकालीन सांस्कृतिक विरासत की दिशा, दशा और साहित्यिक गतिविधियों का पता चलता है, जिसे तीन कालखण्डों में बाँटकर उसे अध्ययन की व्यवस्था की गई है। हिन्दी की साहित्यिक गतिविधियों की विकास-यात्रा में विभिन्न पड़ावों को जाने बिना उसका मृल्यांकन संभव नहीं हैं।</li> <li>उसे ध्यान में रखते हुए पाठ्यक्रम बनाया गया है, ताकि यात्रों को हिंदी की सही दिशा, दशा का पता चल सके और वे उसका लाम उठाते हुए अपने लक्ष्य की और बढ़ सके।</li> </ul>
सेमेस्टर - 1	CORE- 2	हिन्दी साहित्य का इतिहास : (आधुनिक काल)	आधुनिक काल में पाश्चात्य प्रभाव के फलस्वरूप कई सामाजिक और ढाँचागत परिवर्तन देखने को मिले जिसने साहित्य की दिशा बदल दी। इस काल में हिन्दी साहित्य में कई नई विधाओं का जन्म हुआ। विशेष रूप से गद्य की विभिन्न विधाओं का विकास इस काल की महत्पूर्ण देने हैं। जिसने एक नये मूल्य बोध को जन्म दिया, जिसकी उपादेयता आज भी हैं। । छात्रा उससे प्रभावित हुए बगैर रह जाते। इस बात को ध्यान में रखते हुए इसे पाठ्यक्रम में रखा गया है।
सेमेस्टर - 1	AECC- 2	हिन्दी काव्य एवं गद्य साहित्य	<ul> <li>आधुनिक भारतीय भाषा एक अनिवार्य पत्र है । इस पत्र के माध्यम से विद्यार्थियों को साहित्य की हर विधा से परिचित कराने का प्रयास किया गया है। इस पत्र का मुख्य उद्देश्य छात्रों को भिक्तकालीन उच्चादर्श की ओर ध्यान दिलाना है । इसके साथ ही छायावादी, रहस्यवादी कविताओं के सींदर्य के अलावा प्रगतिवादी के समर्थक कवि 'केदारनाथ अग्रवाल' और प्रयोगवाद के जनक कित 'अजेय' के व्यक्तिवादी व्यक्तित्व को समझने का प्रयास है।</li> <li>20 ती शती में जन्म लेकर और कुछ ही समय में विकसित होकर साहिस के एक महत्पूर्ण विधा के रूप में स्थान बनाने वाली 'कहानी' और 'गद्य की कसौंटी' निबंध को भी स्थान दिया गया है। भारतीय संस्कृति, सांस्कृतिक एकता और निबंधों का मुख्य विषय है।</li> </ul>

सेमेस्टर	पाठ्यक्रम संख्या	पाठ्यक्रम शीर्षक	पाठ्यक्रम परिणाम
सेमेस्टर - 2	CORE - 3	आदिकालीन एवं मध्यकालीन हिन्दी कविता	<ul> <li>हिन्दी साहित्य की एक अविच्छिन्न धारा आदिकाल से प्रवाहित होती रही है। जिस पर तदयुगीन परिस्थितियों का प्रभाव देखा जा सकता है। आदिकाल और मध्यकालीन कवियों ने अपनी कविताओं के माध्यम से उसे दर्शाने का प्रयास किया है।</li> <li>अतः उनकी रचनाओं को जाने बगैर उस युग का मूल्यांकन संभव नहीं है। अतः इस काल की कविताओं का सम्यक अध्ययन इस पत्र का प्रमुख उद्देश्य रहा है।</li> </ul>
सेमेस्टर - 2	CORE - 4	आधुनिक हिंदी कविता (छायावाद तक)	<ul> <li>हिन्दी साहित्य का आधुनिक काल का प्रारम्भ 1850 ई. से माना जाता है जिसका मूल कारण पाश्चात्य प्रभाव रहा है। पाश्चात्य संसाधनों से रुबरु होने के कारण हमारी सोच में परिवर्तन होने लगा । इस काल में भारत में राष्ट्रीय बीज अंकुरित हुए ।</li> <li>छापेखाने का आविष्कार हुआ जिसका प्रभाव प्रत्यक्ष और प्ररोक्ष रूप से हिंदी काव्य पर भी पडा। इसकी झलक इस काल की कविताओं में भी दिखाई पड़ता है। अतएव इस काल के विषय में सम्यक अनुशीलन करने तथा जानकारी हासिल करना ही इस पन्न का मुख्य उद्देश्य है ।</li> </ul>
सेमेस्टर - 3	CORE - 5	'छायावादोत्तर कविता'	<ul> <li>२०वी सदी भारत के लिए उथल पुथल वाला काल रहा है हर क्षेत्र में यहाँ बदलाव देखने को मिलता है । साहित्यिक हिष्ट से देखे तो जितना परिवर्तन पिछले साँ वर्षों में नहीं हुआ था, उतना बदलाव अगने 50 वर्षों में दिखने को मिल ।</li> <li>इस काल में भारत को आजाद कराने की छटपटाहट और आजादी के बाद राजनीति से बहुत जल्द हीं मोह भंग होने लगा । जिसके प्रति एक विदोही स्वर स्वाधीनोत्तर कविताओं में देखने को मिलती हैं । भारतीय मानसिकता साहित्य और कविता में होने वाले परिवर्तनों की और ध्यान दिलाना इस पत्र का मुख्य उद्देश्य है ।</li> </ul>
सेमेस्टर - 3	CORE- 6	'भारतीय काट्यशास्त'	<ul> <li>भारतीय काव्यशारतीय चिंतन का क्षेत्र बहुत व्यापक रहा है इस क्षेत्र की परंपरा सुदीर्घ और शक्ति -शाली रही है। इस हिंदि से छात्रों के भारतीय काव्यशास्त्रीय चिंतन के बारे र जानना जरूरी हो जाता है।</li> <li>काव्यशास्त्र की परंपरा, काव्य लक्षण, काव्य हेतु, कार प्रयोजन, विभिन्न साहित्यशास्त्रीय सिद्धांत को इस पाठ्यक्रम में रखा गया है, जो काव्यशास्त्र की महत्वपूर्ण उपलब्धि है इसके अध्ययन से छात्रों में समीक्षात्मक शक्ति बढ़ेगी।</li> </ul>

सेमेस्टर	पाठ्यक्रम संख्या	पाठ्यक्रम शीर्षक	पाठ्यक्रम परिणाम
सेमेस्टर - 3	CORE-7	'पाश्चात्य काट्यशास्त्र एवं नई समीक्षा'	<ul> <li>पश्चिम में साहित्य चिंतन की सुदीर्घ परंपरा को विद्यार्थियों के लिन सहज रूप से सुलभ कराने की दिशा में प्रस्तुत पाठ्यक्रम एक महत्वपूर्ण प्रयास है । विश्लेषण पद्धित, नई समीक्षा, विभिन्न वाद इस पाठ्यक्रम का प्रमुख आकर्षण है।</li> <li>भारतीय काव्यशास्त्र के साथ साथ पाश्चात्य काव्यशास्त्र के बारे में भी जानना आवश्यक है। इसमें विद्यार्थि विभिन्न विद्वानों के द्वारा दिये गए सिद्धांतों के के साथ पाश्चात्य काव्यशास्त्र के स्वरूप के बारे में भी समझने में सक्षम होंगे।</li> </ul>
सेमेस्टर - 4	CORE-8	'आषा विज्ञान और हिंदी आषा'	<ul> <li>भाषा विज्ञान अध्ययन की वह शाखा है जिसमें भाषा की उत्पति, स्वरूप , विकास आदि का वैज्ञानिक एक विश्लेषणात्मक अध्ययन किया जाता है। अध्ययन के अनेक विषयों में से आजकल भाषाविज्ञान को विशेष महत्व दिया जा रहा है।</li> <li>विद्यार्थी इस पाठ्यक्रम के अध्ययन के पश्चात भाषा एवं भाषा की प्रकृति के साथ-साथ मानव जीवन में भाषा के महत्व को समझने में सक्षम होंगे। इसके अलावा भाषाविज्ञान के अंगों एवं विभिन्न शाखाओं से परिचित होंगे। भाषाविज्ञान के सैद्धांतिक पक्ष, भारतीय आर्य भाषाओं का एतिहासिक विकास, लिपि के उदभव और विकास, देवनागरी लिपि की जानकारी भी प्राप्त कर सकेंगे । इस बार को ध्यान में रखकर इसे पाठ्यक्रम में जगह दिया गया है।</li> </ul>
सेमेस्टर - 4	CORE-9	'हिंदी उपन्यास'	<ul> <li>इस पत्र में गद्य साहित्य की महत्वपूर्ण विधा उपन्यास को लिया गया है। उपन्यास के अंतर्गत 'गोदान', 'त्यागपत्र', 'मानस का हंस', 'महाभोज' को शामिल किया गया है। जब प्रेमचंद की उपन्यासों की बात होती है तो 'गोदान' के बिना उपन्यास साहित्य पर सार्थक चर्चा नहीं हो सकती है।</li> <li>जैनेन्द्र कुमार की महत्वपूर्ण कीर्ति ' त्यागपत्र ' में ह्यक्तिमन के विविध बिन्दुओं पर विचार किया गया है। क्लासिक का सम्मान पा चुका 'मानस का हंस' गोस्वामी तुलसीदास के जीवन पर आधारित अमृतलाल नागर का वह उपन्यास है जिसके द्वारा गोस्वामी जी के जीवन से संबंधित अनकुए पहलुओं को जाना जा सकता है।</li> <li>मन्न् भण्डारी के 'महाभोज' उपन्यास में साधारण जन की जलस्ट में में कहाँ जगह है, यह जान पायँगे इन्हीं सब बातों को ध्यान में रख कर इन चारों उपन्यासों को पाठ्यक्रम में जगह दी गई है।</li> </ul>

सेमेस्टर	पाठ्य <b>क्रम</b> संख्या	पाठ्यक्रम शीर्षक	पाठ्यक्रम परिणाम
सेमेस्टर - 4	CORE- 10	' हिंदी कहानी '	<ul> <li>इस पत्र के अन्तर्गत कहानी के विकास से छात्रों का परिचय कराया जाएगा। युग के परिवर्तन की बीच कहनी की कथावस्तु और रूपविधान में परिवर्तन होता रहा है और उससे की दिशा बदलती रहती है। इस पाठ्यक्रम में कहानी की विकास यात्रा की जानकारी इन कहानियों माध्यम से आप जान सकेंगे। हिंदी के प्रसिद्ध कहानीकारों की कहानियों से जीवन के तमाम महत्वपूर्ण बिंदुओं की समझ होगी।</li> <li>सन साठ ले की कहानियों के बदले हुए तेवर से विद्यार्थियों का परिचय होगा। प्रेमचंद से लेक कृष्णा सोबती की कहानियों का एक कलात्मक यात्रा तय करने के बाद वैश्विकरण के दौर में शैक्षिक लक्ष्यों के साथ साथ साहित्य साधना में छात्रा अपनी भूमिका तलाश कर सकेंगे।</li> <li>इन्हीं सब को ध्यान में रखकर इन कहानियों को पाठ्यक्रम में जगह दी गई है।</li> </ul>
सेमेस्टर - 5	CORE - 11	'हिन्दी नाटक एवं एकांकी'	यह पाठ्यक्रम 'नाट्य साहित्य' से संबंधित है। इस पत्र का उद्देश्य साहित्य की सर्वाधिक संशक्त एवं प्रभावशाली विधा के रूप में प्रचलित नाटक की उपादेयता की ओर ध्यान आकर्षित कराना है। भारतेंदु तथा उनके सम-कालीन नाटककारों ने किस तरह लोक चेतना के विकास के लिए नाटकों की रचना की तथा समकालीन सामाजिक समस्याओं को नाटकों में अभिव्यक्त करने का अवसर प्राप्त किया। उसके बाद साहित्यिक रंगकर्म नाट्यलेखन की परंपरा चली , छात्र उन तमाम बातों की जानकारी प्राप्त कर सकेंगे । समकालीन समय में पूर्णांग नाटक और एकांकी नाटक की प्रासांगिकता पर विचार कर सकेंगे। समग्रत नाटक के प्रति रुचि उत्पन्न होने से अभिनय द्वारा अपनी आजीविका का संधान कर पायेंगे।
सेमेस्टर - 5	CORE- 12	'हिन्दी निबंध एवं अन्य गद्य विधाएँ'	हिंदी साहित्य में निबंधों की महत्वपूर्ण भूमिका रही हैं। इन निबंधों में निहित संदेशों के माध्यम से विद्यार्थी लाभान्वित होंगे । प्रस्तुत पाठ्यक्रम की प्रमुख विशेषताएं और उपलब्धियां कुछ इस प्रकार हैं। इन निबंधों में निहित साहित्य के एसे चुनिंदा निबंधों को रखा गया है जिससे विद्यार्थियों की जान वर्धन होगा । यहाँ निबंध के साथ लित निबंध तथा व्यंग निबंध आदि का भी संयोजन किया गया है। रामचन्द्र शुक्ल, हजारी प्रसाद द्विवेदी, नगेन्द्र, शिवपूजन सहाय, विद्यानिवास मिश्र आदि के उच्च विचारों से वाकिफ होने का अवसर प्राप्त होगा ।

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	सेमेस्टर - 5	DSE- 1	'असमीया भाषा एवं साहित्य'	<ul> <li>यह पत्र असमीगा भाषा और साहित्य से संबन्धित है   असमीया एक आधुनिक भारतीय आर्यभाषा है। इसके उद्भव और विकास की जानकारी का ज्ञान होना जरुरी है। साथ ही वहाँ की साहित्यिक गतिविधियों की जानकारी भी आवश्यक है जिसको ध्यान में रखते हुए इस में असमीया साहित्य के इतिहास का सामान्य परिचय (आदियुग से लेकर रोमांटिक युग) तक क्रो पाठ्यक्रम में स्थान दिया गया है।</li> <li>श्रीमंत शंकरदेव और उनके समर्थ शिष्य माधवदेत की 'बरगीतों' को भी रखा गया है।</li> <li>रोमांटिक युग चंद्रकुमार आगरवाला और नलिनीवाला देवी की कविताओं के साथ सैयद अब्दुल मलिक और भवेन्द्रनाथ शरेकीया की कहानियों को भी स्थान दिया गया है, ताकि विद्यार्थी असमीया भाषा एवं साहित्य की गतिविधियों को भी जान सकें ।</li> </ul>
	सेमेस्टर - 5	DSE-Z	'छायावाद'	छायावाद आधुनिक हिंदी साहित्य का एक महत्वपूर्ण पड़ाव है। प्रस्तुत पाठ्यक्रम में छायावाद के स्वरूप और विशेषताओं के साथ-साथ चतुष्ट्य कवियों की चुनिंदा कविताओं को स्थान दिया गया है। यह पाठ्यक्रम छात्रों में पाठ्यकृतियों के संदर्भ में समीक्षा की क्षमता को बढ़ायेंगे । इस पाठ्यक्रम के अध्ययन के पश्चात छायावाद के स्वरूप और प्रवृत्तियों के अलावा युगीन प्रमुख कवियों की रचनाओं के अध्ययन, अस्वादन और मूल्यांकन कर सकेंगे। इसी बात को यहा ध्यान दिया गया है।
	सेमेस्टर -6	CORE - 13	'हिन्दी की साहित्यिक पत्रकारिता'	<ul> <li>हिन्दी की साहित्यक पत्रकारिता का हिंदी साहित्य में महत्वपूर्ण योगदान रहा है। इसी को महेनजर रखते हुए इसे अनिवार्य पाठ्यक्रम में रखा गया है। इन पत्र- पत्रिकाओं ने हिंदी साहित्य को एक नई दिशा प्रदान की थी तथा समय की गांगानुसार हिंदी साहित्य की सटीक आलोचना कर इसका मार्गदर्शन किया है। प्रस्तुत पाठ्यक्रम की प्रमुख विशेषताएं और उपलब्धियां कुछ इस प्रकार है- प्रस्तुत पाठ्यक्रम के अध्ययन से हिंदी पत्रकारिता का संक्षिप्त परिचय प्राप्त होने के, साथ-साथ हिंदी साहित्य जगत में इन पत्र-पत्रिकाओं के योगदान के बारे में भी जानकारी प्राप्त होगी।</li> <li>यहां हिन्दी पत्रकारिता के सम्पूर्ण इतिहास का अध्ययन किया जाएगा   पत्रकारिता के इतिहास के साथ साथ हर युग की प्रमुख प्रवित्तिया पर भी विचार किया गया है.</li> </ul>

सेमेस्टर -6	CORE - 14	'प्रयोजनम् <b>लक</b> हिन्दी'	प्रयोजनम्लक हिंदी म्लतः एक व्यवहारिक पाठ्यक्रम है । अनुप्रयुक भाषाविज्ञान के अंतर्गत इस पाठ्यक्रम में हिंदी के विविध प्रयोजनम्लक रूपों की चर्चा है । यहाँ विद्यार्थियों को हिंदी की शैलियों हिन्दी, उर्दू और हिन्दुस्तानी का ज्ञान प्राप्त होगा तथा हिन्दी की संवैधानिक स्थिति के बारे में ज्ञानकारी होगी, जो निःसंदेह लाभदायक होगा। हिन्दी भाषा के उद्भव तथा मानकीकरण एवं उसके प्रयोग पर भी विचार किया गया है। सरकारी पत्रकारों का अध्ययन होगा और पारिभाषिक शद्बाबलियों का अनुशीलन कराया जाएगा । इसके सदीक अध्ययन से रोजगार प्राप्ति में सहायक होगी।
सेमेस्टर - 6	DSE- 3	तुलसीदास	<ul> <li>संत कवि तुलसीदास की रचनाओं पर आधारित यह पाठयक्रम विद्यार्थियों के लिए अत्यंत लाभदायक सिद्ध होगा उन्होंने रामचरित मानस की रचनाकर तत्कालीन अशांत भारत में आदर्श और मर्यादा को पुनस्थापित किया था । उनका काव्य लोकमंगल का काव्य है। इसीलिए आज भी, तुलसीदास की रचनाएं प्रासंगिक है। इस पाठ्यक्रम के उद्देश्य और इसकी प्रमुख उपलब्धियां इस प्रकार है- तुलसीदास के असाधारण व्यक्तित्व पर प्रकाश डालना । 'रामचरितमानस' के अध्ययन से विद्यार्थियों को आदर्श और मर्यादा के साथ साथ नैतिक ज्ञान भी प्राप्त होगा।</li> <li>कवितावली और गीचातली के माध्यम से तुलसीदास की काव्य प्रतिभा तथा भिन्त की ज्ञानकारी प्राप्त होगी।</li> <li>विनय-पत्रिका हिन्दी साहित्य क</li> <li>अनमोल निधि है । तुलसीदास ने विनयपित्रका में दास्य भिन्त का अत्यंत सुंदर प्रदर्शन किया है। आत्मसमर्पण का ऐसा निदर्शन अन्यत दुर्लभ है ।</li> </ul>
सेमेस्टर - 6	DSE - 4	'प्रेमचंद'	20 वीं शताब्दी के शुरुआत में गद्य लेखन का सुव्यवस्थित रूप हमारे सामने उभर कर सामने आता है। कथा समात प्रेमचंद का आगमन इस काल में एक युगान्तकारी के रूप में होता है, जो सूर्य की तरह अपने साहित्य से न केवल हिंदी जगत को बल्कि पूरे भारत को प्रकाशित करने लगते हैं। वे केवल कहानीकार नहीं, उपन्यासकार ही नहीं, एक नाटककार और निबंधकार भी थे। एसे साहित्यकार के बारे में जानना जरूरी हो जाता है। इस बात को ध्यान में रखकर इसे दिया है।

# Name of Programme: B.A. History



## Course Specific Outcome

Course	Semester	Course Title	Course Outcome
Core I HISHC101	1 <sup>st</sup> Semester	History of India 1	On completion of the course, the students will be able to—  (a)Analyze the various source materials for the reconstruction of Ancient Indian history and the approaches of historical reconstruction.  (b) Explain the culture of Pre-historic Hunter Gatherer people of India.  (c) Acquaint the various ancient cultures, the technological, economic, political and religious development of ancient India.
Core II HISHC102	1 <sup>st</sup> Semester	Social Formations and Cultural Patterns of the Ancient World	After completing the course, the students will be able to acquainted with the  (a) Evolution of humankind, (b) Beginning of food production (c) Bronze Age Civilization, (d) Advent of Iron, (e) The slave society in ancient Greece, (f) The economy and the political culture of the ancient Greece.
Core III HISHC103	2 <sup>nd</sup> Semester	History of India II	On completion of the course the students will be acquainted with:  (a) Agrarian economy, the growth of urban centers in northern and central India and the Deccan as well as craft production, trade and coinage.  (b) Process of state formation and the Mauryan and post Mauryan polities with special reference to the Kushanas, Satavahanas and the Gana Sanghas.  (c) Land grants, land rights and peasantry, urban decline and religious traditions of earl India.
Core IV HISHC104	2 <sup>nd</sup> Semester	Social Formations and Cultural Patterns of the Medieval World	<ul> <li>a. The learners will be acquainted with the Roman Empire, slave society, the cultural possession and trade affairs of medieval world.</li> <li>b. The learners will be acquainted with the crisis and disintegration of the Roman Empire.</li> <li>c. The students will be exposed to Economic development in Europe from 7th 14th centuries covering production, technological developments, growth of towns and trade and feudal crisis.</li> </ul>
Core V HISHC105	3rd Semester	History of India III(c.750-1206)	On completion of the course the students will be acquainted with:  a. The learners will be acquainted with the historical geography of early medieval India covering the source materials of the period and as well the rise of different territorial dynasties like Rajputs, Rastrakutas, Palas and the Pratiharas.  b. The students will be able to acquire the knowledge of agrarian structure, social change and trade and commerce of medieval India.  c. The students will be able to acquainted with different segments of religious and cultural developments of medieval India such as tantricism, puranic traditions, Buddhism and Jainism, Islamic intellectual traditions, regional languages and literature etc.

e VI SHC106	3rd Semester	Rise of Modern West-	After completing the course, the students will be able to acquaint with the  a. Transition from Feudalism to Capitalism, early colonial
			expansion, conquest of America and Africa.  b. Social roots of Renaissance and spread of humanism in Europe  c. Economic developments in Europe in the sixteenth century covering the commercial revolution, influx of American silver etc.  d. Emergence of the European state system covering the absolutism in Spain, France, England and Russia.
Core VII HISHC107	3rd Semester	History of India IV(c.1206-1550)	After completing the course, the students will be able to acquaint with the  a. Interpretation of the historiography of Delhi Sultanate by explaining the related source materials.  b. Historical study of the Sultanate Political structure as well as the emergence of provincial dynasties.  c. Society and economy of medieval India particularly the agricultural production, rural society, trade and commerce etc.  d. Socio-religious and cultural movements in medieval India in particular to the Sufies and Sufism, Bhakti movements and monotheistic traditions inSouth and North India, Sufi literature, Bhakti movements and Vernacular literature.
Core VIII HISHC108	4th Semester	Rise of Modern West-	The learners will be able to:  a. Acquaint the political and socio-economic situation Europe in the 17th century.  b. Understand the factors and consequences of Civil war in England.  c. Acquaint the factors and background of the Scientific Revolution, Mercantilism and colonial policies of European states.  d. Acquire knowledge on the development of the enlightenment and enlightend despotism in European states like Russia, Austra and Prussia.  e. Acquire the knowledge of background and development of American Revolution.
Core IX HISHC109	4 <sup>th</sup> Semester	History of India V(c.1550-1605)	After completing the course, the students will be able to acquaint with the  a. Different source materials of the medieval Indian History.  b. Establishment and development of Mughal rule in India and the contributions of Akbor in consolidating the Mughal administration.  c. Socio-economic and political ideals of the Mughals.
Core X HISHC1010	4 <sup>th</sup> Semester	History of India VI(c.1605-1750)	The learners will be able to acquire knowledge on:  a. Political Culture under Jahangir and Shah Jahan.  b. Mughal Empire under Aurangjeb and aftermath.  c. Visual culture of Mughal India: Mughal miniatures and regional paintings, Architecture, regional style etc.  d. Trade and commerce of medieval India in particular to crafts and technologies, markets, urban centres, Inland trade and maritime trade, beginning of the European Settlements in India—the Portuguese, the Dutch, the French and the English.
Core XI	5th Semester	History of Modern	The learners will be able to acquire knowledge on:

sHC1011		Europe-I (c. 1780— 1919)	a. The origin, development and consequences of French Revolution and its European repercussions. b. Restoration and revolution in Europe during 1815-1848, particularly the social, political and radical currents. c. Capitalist industrialization and social and economic transformation in late 18th century to 1914 in Europe. d. Background, development and consequences of the World War I.
Core XII HISHC1012	5 <sup>th</sup> Semester	History of India-VII (1750-1857)	After completing the course, the students will be able to acquaint with the  a. Socio-economic and political situation in India at the advent of the colonial powers.  b. Political and mercantile expansion of the East India Company in India.  c. Arms of the colonial state, racial attitude of the colonial ruler, introduction of modern education.  d. Rural Economy and social transition, land revenue system and Forest policy, commercialization and indebtedness.  e. Different dimensions of trade and industry in colonial rule.  f. Popular uprisings against the colonial administration like Santhal Uprising, Indigo Rebellion, Pabna agrarian Leagues.  g. Causes and consequences of the Revolt of 1857.
Core XIII HISHC1013	6 <sup>th</sup> Semester	History of India-VIII (1857-1950)	After completing the course, the students will be able to acquaint with the  a. Cultural changes and socio-religious reform movements in Modern India.  b. Growth and different trends of Nationalism in India up to 1919.  c. Lead to the achievements of Independence and partition.
Core XIV HISHC1014	6 <sup>th</sup> Semester	History of modern Europe II (c.1780- 1939)	After completing the course, the students will be able to acquaint with the  a. Liberal democracy, Working Class Movements and Socialism in the 19 <sup>th</sup> and 20 <sup>th</sup> Centuries in Europe.  b. The crisis of Feudalism in Russia and experiments in socialism.  c. Practice of imperialism and the outbreak of First World War.  d. Political situation in Europe after the First World War.  e. Cultural and intellectual development in Europe since 1850.

Shapen Gogos

Head Department of History Moridhal College

#### Name of Programme: B.A. History (Generic Elective) Course Specific Outcome

Course	Semester	Course Title	Course Outcome
Paper 1 Course Code: HISGE I	Semester-I	History of Assam: 1228-1826	After completing the course, the students will be able to acquaint with the  a. General outline of the history of Assam from 13 <sup>th</sup> century to the occupation of Assam by the English East India Company in the first quarter of the 19 <sup>th</sup> century.  b. Major stages of developments in the political, social and cultural history of the state during the most important formative period.
Paper II Course Code: HISGE 2	Semester-II	History of India from the Earliest times to 1526	After completing the course, the students will be able to acquaint with the general outline of the history of India from the earliest times to the coming of Mughals to India in the first quarter of 16th century. Besides the learners will get a comprehensive idea of the developments in all spheres of life during this period.
Paper III Course Code: HISGE 3	Semester-III	History of India: 1526-1947	After completing the course, the students will be able to acquaint with the  a. General outline political history of medieval India mainly the Mughal period.  b. Background of the rise of regional powers like the Marathas.  c. British conquest of India – their expansion and consolidation of power.  d. Indian freedom struggle.
Paper IV Course Code: HISGE 4.2	Semester-IV	History of Europe: 1453-1815	The students will be able to acquaint with the  a. General historical outline of Europe of the important period from 1453 to 1815.  b. Factors of the emergence and development of the Renaissance, Reformation movements, Commercial revolution, Glorious Revolution, Scientific Revolution, Industrial Revolution, French Revolution, Americal war of Independence and the Napoleonic Era in Europe.

Bhopen Gogoi

HoD, History

## Name of Programme: B.A. History (Discipline Specific Elective) Course Specific Outcome

Course	Semester	Course Title	Course Outcome
Paper I Course Code: HISHDSE501	Semester V	Early and Medieval Assam till 1826	After completing the course, the students will be able to acquaint with the  a. General outline of the history of Assam from earliest times to the occupation of Assam by the English East India Company in the first quarter of the 19th century.  b. Major stages of developments in the political, social and cultural history of the state during the period.
Paper II Course Code: HISHDSE502	Semester V	History of Modern Assam: 1826-1947	After completing the course, the students will be able to acquaint with the  a. Transition of political sphere as well as the administrative system in Assam under the colonial ruler.  b. Revolt of Hill tribes against the colonial rule.  c. Growth of national consciousness.  d. Emergence of Tribal Politics.
Paper III Course Code: HISHDSE601	Semester VI	Social and Economic History of Assam	After completing the course, the students will be able to acquaint with the  a. Social and Economic History of Ancient Assam.  b. Society in Medieval Assam.  c. Economy in Medieval Assam.  d. Society in Colonial Assam.  e. E. Economy in Colonial Assam.
Paper IV Course Code: HISHDSE602	Semester VI	Historiography	Oncompleting the course, the students will be able to  a. Understand the concept and sources of history.  b. Acquaint the evolution of historiography.  c. Explain the renaissance to enlightenment historiography.  d. Acquaint the Historical traditions in India.  e. Explain the development of history writing in India in modern period.

Bhupen Gogoi

HoD, History

## Name of Programme: B.A. History (Skill Enhancement Course, SEC) Course Specific Outcome

Course	Semester	Course Title	Course Outcome
SEC-I	Semester III	Fundamentals of Tourism	After completing the course, the students will be able to acquaint with the  a. Basic concepts of tourism.  b. Tour Operator and Travel Agent Service.  c. Environmental impact of tourism.
SEC-II	Semester -IV	Skill Development for Tourism Management	After completing the course, the students will be able to acquaint with the  a. Communication Process of Tourism.  b. Communication Media and Modes of Tourism.  c. Written Communication.  d. Verbal communication

Shuper Gogoi

HoD, History

#### COURSE SPECIFIC OUTCOMES

#### NAME OF THE PROGRAMME: B. A., PHILOSOPHY

Course	Semester	Course Title	Course Outcome
Core 1	SEM- 1	INDIAN PHILOSOPHY	After the completion of the course, the students will able to:  Describe the meaning, definition and significance of philosophy from Indian perspective.  Analyse the basic problems of the origin, sources and nature of knowledge as well as the nature of Reality from the classical philosophical point of view.  Explain fundamental concepts of classical Indian philosophical schools.  Develop critical thinking on prevailing Vedic rituals.
Core 2	SEM I	LOGIC	After the completion of the course, the students will able to:     Explain Aristotelian logic and modern logic with specific distinction.     Analyse argument, logical judgment and logical inference, syllogism.     Develop logical reasoning and testing of them in traditional and modern logic.
GE I	SEM- 1	INTRODUCTION TO PHILOSOPHY	On completion of the course, the students will able to:  Describe the meaning, definition and significance and relevance of philosophy from Western perspective  Assimilate science and philosophy  Explain what is and what for knowledge as per the opinions of the given western philosophers.  Develop critical thinking on knowledge and reality.
Core 3	SEM -II	ANCIENT GREEK PHILOSOPHY	On completion of the course, the students will able to:     Identify ancient Greek philosophers chronologically and their philosophical thoughts.     Describe the first principle of the world identified by the given ancient Greek philosophers.     Explain and re-evaluate the contribution of given ancient Greek philosophers in the field of metaphysics and epistemology     Develop critical thinking on knowledge and value.
Core 4	SEM- II	INDIAN LOGIC	After completing the course, the students will able to:  Explain the origin and development of Indian Logic  Identify the relation of Indian Logic with epistemology.  Describe the various sources of knowledge identified by classical Indian philosophers.  Develop reasoning ability.
GE 2	SEM- II	INTRODUCTION TO LOGIC	After the completion of the course, the students will able to:  Explain definition, nature and scope of logic.  Analyse terms, proposition, argument, logical judgment and logical inference, syllogism.  Identify basic ideas of traditional and modern logic.  Develop logical reasoning skill.

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#### COURSE SPECIFIC OUTCOMES

#### NAME OF THE PROGRAMME: B. A., PHILOSOPHY

Course	Semester	Course Title	Course Outcome
GE 3	SEM- III	FUNDAMENTALS OF INDIAN PHILOSOPHY	After the completion of the course, the students will able to:     Describe the meaning, origin, definition an significance of Indian philosophy.     Identify Orthodox and heterodox schools of India philosophy and their basic tenets.     Analyse the charges raised against Indian philosophical schools by western thinkers
Core 5	SEM III	MODERN WESTERN PHILOSOPHY	After the completion of the course, the students will able to:
Core 6	SEM- III	INDIAN ETHICS	On completion of the course, the students will able to:  Describe the meaning of Ethics from traditional Indian philosophical perspectives.  Identify the origin of Indian ethics  Explain the basic ethical concepts of Indian ethics  Appraise the contribution of traditional Indian philosophical schools to epistemology.
Core 7	SEM -III	WESTERN ETHICS	On completion of the course, the students will able to:  Describe the meaning, nature, utility and subjet matter of ethics from western perspective  Identify moral concepts, moral actions, more consciousness and moral judgment  explain the distinction between 'what is' and 'who ought to be'  Develop critical understanding on the various aspects of day to day life
Core 8	SEM- IV	CONTEMPORARY INDIANPHILOSOPHY I	After completing the course, the students will able to:  Describe the meaning, definition, significance of Social and Political philosophy  Analyse social and political ideas from philosophical perspective.  Understand social progress, social evaluation, social evil, liberty, equality, justice.  Develop systematic and critical understanding of different social and political ideas of the given thinkers
Core 9	SEM- IV	SOCIAL AND POLITICAL PHILOSOPHY	After completing the course, the students will able to:  Describe the meaning, definition, significance of Social and Political philosophy  Analyse social and political ideas from philosophical perspective.  Understand social progress, social evaluation, social evil, liberty, equality, justice.  Develop systematic and critical understanding of different social and political ideas of the given thinkers.

Head Deptt. of Philosophy Moridhal College Poridhal, Dhomaji

( Dr. Bhabani Saharia) Hob. Philosophy, Moridhal College 2

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#### COURSE SPECIFIC OUTCOMES

#### NAME OF THE PROGRAMME: B. A., PHILOSOPHY

COURSE	SEMESTER	COURSE TITLE	COURSE OUTCOME
Core 10	SEM- IV	PHILOSOPHY OF RELIGION	On completion of the course, the students will able to:  Describe the meaning, definition and significance of Religion from philosophical perspective.  Analyse the origin and development of religion from the philosophical point of view.  Explain various proofs for the existence of god and its role in religion.  Develop critical understanding about the positive and negative issues related to religion.
GE 4	SEM- IV	APPLIED ETHICS	After completing the course, the students will able to:  Describe meaning, definition, nature, scope and utility of applied ethics.  Explain basic concepts of applied ethics concerning value of life, environment, profession etc.  Identify life centered issues on moral ground.  Know the practical side of moral values.
Core 11	SEM- V	CONTEMPORARY INDIAN PHILOSOPHY II	On completion of the course, the students will able to:  Describe meaning, nature and objectives of Contemporary Indian philosophy  Explore interpretation of the concept of philosophy of the given Contemporary Indian philosophers.  Re-think traditional philosophical issues with the light of the given contemporary Indian philosopher.  Develop critical understanding on the ultimate goal of life
Core 12	SEM -V	PHENOMENOLOGY AND EXISTENTIALISM	On completion of the course, the students will able to:  Identify important philosophical movement in the contemporary western philosophical domain.  Re-define world and its different entitie philosophically with the help of the contemporary western phenomenalists.  Re- valuing man and its existence through the light of contemporary western existentialists philosophers.  Develop critical understanding on man annature
DSE 1	SEM- V	PHILOSOPHY OF VEDAS AND UPANISHADS	After completing the course, the students will able to:  Analyse the origin of Indian philosophy  Explain the development of Indian philosoph from historical perspective.  Describe the fundamental concepts of Vedas an Upanishads  Identify Vedic issues philosophically.

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HoD, Philosophy

Moridhal College.

#### COURSE SPECIFIC OUTCOMES

#### NAME OF THE PROGRAMME: B. A., PHILOSOPHY

COURSE	SEMESTER	COURSE TITLE	COURSE OUTCOME
DSE 2	SEM- V	PHILOSOPHY OF FEMINISM	After the completion of the course, the students will able to:     Describe the meaning, origin, definition and significance of Feminism     Analyse feminist movement from philosophical point of view     Identify gender based issues and its consequences.     Develop an understanding of women's rights on the ground of equality of the sexes
Core 13	SEM- VI	COMPARATIVE RELIGION	On completion of the course, the students will able to:
Core 14	SEM -VI	ANALYTIC PHILOSOPHY	On completion of the course, the students will able to:  Describe the meaning and nature of the analytic trends in Western philosophy.  Explain and explore new ideas in philosophy in the lights of western thinkers.  Give a critical analysis of different dimensions of philosophy identified by the given western philosophers.
DSE 3	SEM- VI	PSYCHOLOGY	After completing the course, the students will able to:  Explain nature and methods of psychology  Describe different schools of psychology as well as applied psychology.  Identify different areas of brain with particular functions, traits of personality, memory, sensation, intelligent quotient.  Analyse traits of personality with theories of learning.
DSE 4	SEM- VI	APPLIED ETHICS	After completing the course, the students will able to:  Describe meaning, definition, nature, scope and utility of applied ethics.  Explain basic concepts of applied ethics concerning value of life, environmental ethics, professional ethics, media ethics, and medical ethics.  Identify life centered problems and its moral solution.  Develop practical understanding on life's problems.

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HoD, Philosophy, Moridhal College.

#### COURSE SPECIFIC OUTCOME PROGRAMME : B.A., POLITICAL SCIENCE

COURS E	SEMEST ER	COURSE TITLE	COURSE OUTCOME
CORE-1	1 <sup>st</sup> Semester	Understanding Political Theory	In completion of the course students will be able to- *acquire ideas and knowledge about political theory. * its history and approaches along with critical study. * to reconcile political theory and practice through reflections on the ideas and practices related to state, citizenship and democracy.
CORE-2		Constitutional Govt. and Democracy in India	In completion of the course students will be able to- *acquaints with the constitutional design of states structure and institutions and its working in India. *gather knowledge about the concepts like liberty, justice territorial decentralization and a strong union *acquainted with state institutions, their mutual interactions and interaction with the larger extra constitutional environment.
CORE-3	2 <sup>nd</sup> Semester	Political Theory- Concepts and debates	After completion of the course students will be able to- *understand and familiarize with the basic normative concepts of political theory related to the crucial political issues.  *designed critical and reflective analysis and interpretation of social practices through the relevant conceptual toolkit.  *identify the important debates of political theory and prompt to consider in the light of new insights and challenges around world.
CORE-4		Political process in India	After completion of the course students will be able to- *analyse constitutional legal rules and actual politics in India.  * know about the working of modern institutions premised on the existence of an individuated society.  *it also familiarizes with the working of the Indian state, paying attention to the contradictory dynamics of modern state power.
CORE-5	3 <sup>rd</sup> Semester	Introduction to comparative govt. and politics in India.	After completion of the course students will be able to- *familiarize with the basic concepts and approaches to the study of comparative politics. *examining politics in a historical framework with various themes of comparative analysis in developed and developing counties.
CORE-6		Përspectives in public	After completion of the course students will be

		administration	*understand the basic concepts of the discipline public administration.  *know the historical context public administration and various classical and contemporary administrative theories.  *gather knowledge on the recent trends of public administration including feminism and ecological conservation and democratization along with restructuring public administration.  *acquire knowledge on contemporary administrative development.
CORE-7		Perspectives in international relations and world history	After completion of the course students will be able to- *equip with the basic intellectual tools for understanding international relations. *understand important theoretical approaches for studying international relations. *learn about the key milestones in world history and equip them with the tools to understand and analyze the same from different perspectives. *aware of the implicit Euro-centricism of international relations by highlighting certain specific perspectives from the global south.
CORE-8	4 <sup>th</sup> Semester	Political process and institutions in comparative perspective	After completion of the course students will be able to-  * trained in the application comparative methods to the study of politics.  *understand to some of the range of issues, literature and methods that cover comparative politics.
CORE-9		Public policy and administration in India	After completion of the course students will be able to- *interface between public policy and administration in India. *understand effectiveness of public policy in translating the government philosophy into programs and policies and making it a part of the community living. *understand the issues of decentralisation, financial management, citizens and administration and social welfare from non-western perspective.
CORE-10		Global politics	After completion of the course students will be able to- "understand the key debates on the meaning and nature of globalisation by addressing its political, economic, social, cultural and technological dimensions "know the impact of globalisation on world economy and other fields.  " analyse the contemporary global issues like proliferation of nuclear weapons, ecological issues, international terrorism, human security etc.
CORE-11	5 <sup>th</sup>	Classical political	After completion of the course students will be

	Semester	philosophy	able to- *familiarise with Greek political philosophy as well as first political questions. *understand the trends how to modern political philosophy come into exist.
CORE-12		Indian political thought-I	After completion of the course students will be able to- *introduced the specific elements of Indian political thought spanning over two millennia. *understand the broad streams of Indian political thought as well as the specific knowledge of individual thinkers and text.
CORE-13	6 <sup>th</sup> Semester	Modern political philosophy	After completion of the course students will be able to-  *understand the concepts of philosophy and politics of modern political philosophers.  *acquire knowledge on the concept like-modernity, post -modernism, liberalism, social contract, paternalism, etc
CORE-14		Indian political thought-II	After completion of the course students will be able to- *introduced the specific elements of Indian political thought spanning over two millennia. *understand the broad streams of Indian political thought as well as the specific knowledge of individual thinkers and text.
Generic Elective	1" Semester	Nationalism in India	After completion of this course the learners will be able to  *Understand the circumstances of struggle of Indian people against the British colonial authority.  *Understand different theoretical perspectives and dimensions.  *Acquire knowledge on 19th century Indian perspectives to colonial dominance on the form of reformism and its criticism of various phases related with national struggle, partition and independence of India.
Generic Elective	2 <sup>nf</sup> Semester	Feminism: Theory and practice	After completion of the course students will gather knowledge and ideas to- *contemporary debates on feminism and the history feminist struggle. *understand about gender discrimination in the different societies of the world. *acquire knowledge on Indian social system and different causes behind the gender inequality in India. * analyze theoretical debates within feminism. history of feminism in West, socialist societies and in anti-colonial struggle.
Generic Elective	3 <sup>rd</sup> Semester	Governance: Issues and challenges	After completion of the course students will be able to- *learn about the concepts and different dimensions of governance and major debates of governance in

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			the contemporary world.  *understand the importance of the concept of governance in the context of a globalising world, environment, administration, development.  * know the initiatives taken by the government of India for good governance.
Generic Elective	4 <sup>th</sup> Semester	Politics of globalisation	After completion of the course students will be able to- *understand the process of globalisation from a political perspective. *acquire broad knowledge of the issues and processes of globalisation based on critical analysis.
Disciplin e Specific Elective	DSE 5 <sup>th</sup> Semester	Contemporary politics in Assam	After completion of the course students will be able to- *acquaint with the politics of contemporary Assam and its neighbouring states. *understand about the geo-political structure of North-East Region.
		Human rights in comparative perspective	After completion of the course students will be able to-  *understand the of concept of human rights and its issues in comparative perspectives.  *learn all issues of human rights in Indian context and pull out another country to form a border comparative frame.  *analyse the state response to the human right issues and structural violence questions.
Disciplin e Specific Elective	DSE 5 <sup>th</sup> Semester	Public policy in India	After completion of the course students will be able to- *analyse the theoretical and practical concepts and methods of public policy. *understand the link of political science, economic theory and the practical world of development and social change.
	349	India's foreign policy in a globalising world.	After completion of the course students will be able to- *learn the genesis, evaluation and practice of India's foreign policy.  * understand India's relations with the superpowers during the cold war and after, bargaining strategy and positioning in international climate change negations, international economic governance, international terrorism and the UNO. *acquire knowledge on changing position and development of India's role as a global player since independence.

Political Science

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#### Name of the Programme :: B.A. Sociology Course Specific Outcome

Course	Semester	Course Title	Course Outcome
			On completion of the course, the students will be able to:
			* Know the way of Sociological thinking.
	-M e	Introduction to	* Know the foundation of Sociology.
Core-1	1 <sup>st</sup> Sem.	Sociology-I	* Describe the various concept of sociology.
			<ul> <li>Help the students for the other more detailed and specialized course in sociology.</li> </ul>
			On completion of the course, the students will be able to: * Describe the processes and modes of construction of knowledge of India.
Core-2	1 <sup>st</sup> Sem.	Sociology of India-I	<ul> <li>Know various key concepts of Indian institution.</li> </ul>
	- A		* Analyse the views of Indian Sociologists about Indian Social System.
			Know the Indian tradition, culture, othdox, custom etc.
G.E1	1 <sup>st</sup> Sem.	Indian Society : Images and Realities	On completion of the course, the students will be able to:  * Understand the interdisciplinary introduction of Indian Society.  * Know about the Indian civilization.
			* Understand the British Rule on India.
		Sem. Sociology-II	On completion of the course, the students will be able to:
Core-3	2 <sup>nd</sup> Sem.		<ul> <li>Know the general introduction to sociological thought.</li> </ul>
			* Describe the various thinkers have conceptualized various aspects of society.
			On completion of the course, the students will be able to:
Core-4	2 <sup>nd</sup> Sem.	Sociology of India-II	*Draw attention to the variety of ideas and debates about India.
2016.4		36.11.	<ul> <li>Know the multiple socio-political forces and ideologies which shape the nation.</li> </ul>

G.E2		Family and Intimacy	On completion of the course, the students will be able to:
	2 <sup>nd</sup> Sem.		<ul> <li>Understand a range of contemporary concerns pertaining to this institution (family) from a sociological perspective.</li> </ul>
			* Know family as an interdisciplinary orientation.
	10		On completion of the course, the students will be able to:
			* Understand some major theoretical debates and concepts in political sociology.
Core-5	3 <sup>rd</sup> Sem.	Political Sociology	Know the contemporary political issues.
			Know a comparative understanding of political state and society relationships.
		Sociology of Religion	On completion of the course, the students will be able to:
			* Understand of religious over individual religions.
Core-6	3" Sem.		<ul> <li>Understand classical writings on the subject.</li> </ul>
200304			* Know numbers interconnections between
			various themes.  * Know the linkage between social and religions thought different registers mentioned in the outline.
	3 <sup>rd</sup> Sem.	Sem. Sociology of Gender	On completion of the course, the students will be able to:
Core-7			* Understand gender as a critical sociological lens on enquiry in relation to various social fields.
			<ul> <li>Interrogates the categories of gender, sex and sexuality.</li> </ul>
			On completion of the course, the students will be able to:
G.E.3		Sem. Rethinking Development	* Examiners the ideas of development from sociological perspective.
	3 <sup>rd</sup> Sem.		* Know different approaches of understanding development.
			<ul> <li>Know the development from an interdisciplinary perspective of Indian experience.</li> </ul>

	4 <sup>th</sup> Semester	Economic Sociology	On completion of the course, the students will be able to:
Core-08			<ul> <li>Understand the social and cultural bases of economic activity.</li> </ul>
Corc-os			<ul> <li>Know the significance of sociological analysis for the study of economic processes in local and global contexts.</li> </ul>
			On completion of the course, the students will be able to:
Core-09	4 <sup>th</sup> Semester	Sociology of kinship[	<ul> <li>Know the general principles of kinship and marriage by reference to key terms and theoretical statements substantiated by ethnographic.</li> </ul>
			<ul> <li>Understand the trajectories and new directions in kinship studies</li> </ul>
		Social stratification	On completion of the course, the students will be able to:
c 10	4 <sup>th</sup> Semester		<ul> <li>Know the sociological study of social inequalities.</li> </ul>
Core-10			<ul> <li>Know the principal theoretical perspectives on the divers forms of social inequality in articulation with each other.</li> </ul>
	4 <sup>th</sup> Semester	Gender and violence	On completion of the course, the students will be able to:
GE-4			Know about the gender violence.
			<ul> <li>Understand the logic of violence, awareness of its most common forms and tries to equip the students with sociologically.</li> </ul>
	5 <sup>th</sup> Semester		On completion of the course, the students will be able to:
Core-11			Know the classical thinkers in the making of the discipline of sociology.
			<ul> <li>Read the original text books of selected major thinkers.</li> </ul>

	5 <sup>th</sup>	Sociological Research Methods	On completion of the course, the students will be able to:
Core-12			<ul> <li>Know the general introduction to the methodologies of sociological research methods.</li> </ul>
	Semester	in the state of th	<ul> <li>Understand some elementary knowledge of the complexities and philosophical underpinnings of research</li> </ul>
			On completion of the course, the students will be able to:  • Know the core debates of environmental
			sociology.
DSE-03	5 <sup>th</sup> Semester	Environmental Sociology	<ul> <li>Know the difference approaches within the sub-discipline and how these approaches may be used to understand environmental issues and movements in India.</li> </ul>
	5 <sup>th</sup> Semester	ester Sociology of work	On completion of the course, the students will be able to:
			<ul> <li>Know the idea that though work and production have been integral to societies through time, the origin and spread of industrialization made a distinct rupture to that link.</li> </ul>
DSE-04			<ul> <li>Know that sociology as a discipline that considered work as central to the study of society.</li> </ul>
			<ul> <li>Provide an outline as to how values and ideals of pluralized industrialism (s) have caused an absorbed multiple transformation shifts the local and global social networks of the contemporary world.</li> </ul>
Core-13	6 <sup>th</sup> Semester		On completion of the course, the students will be able to:
			<ul> <li>Know the post classical sociologists and their contribution to sociology.</li> </ul>
			<ul> <li>Read the original text books of the thinkers.</li> </ul>

			On completion of the course, the students will be able to:
			Know how research is actually done.
Core-14	6 <sup>th</sup> Semester	Research Methods-II	<ul> <li>Know on formulating research design, methods of data collection, data analysis.</li> </ul>
			<ul> <li>Know some elementary knowledge on how to conduct both quantitative and qualitative research</li> </ul>
			On completion of the course, the students will be able to:
	6 <sup>th</sup>	Indian Sociological traditions	<ul> <li>Know whether sociologist of India has been influenced by western philosophy is there a need of indigenization etc.</li> </ul>
DSE-06	Semester		<ul> <li>Know the sociologists of India and their issues of tradition and modernity, caste, tribe, gender etc.</li> </ul>
			<ul> <li>Know the perspectives of key Indian sociologists on some of these issues.</li> </ul>
		Societies in North- nester East India	On completion of the course, the students will be able to:
			<ul> <li>Know the sociological understanding of societies in North-East India.</li> </ul>
DSE-09	6 <sup>th</sup> Semester		<ul> <li>Know the multi-dimensional understanding of social, political, historical and economic dimensions.</li> </ul>
			<ul> <li>Know the diverse communities along with the emerging socio- economic process and diverse culture.</li> </ul>

Mr. Pranab Kataky HoD, Deptt. of Sociology Moridhal College

#### Name of programmer: B.Sc. Botany

#### Course Specific out Come

Course	Semester	Course Title	Course out come
Core 1	Semester 1	Microbiology and Phycology	On completion of the course, the student will be able to-  * Describe various forms of microbes.  *Explain the different characteristics of microbes.  * Describe various forms of algae.  *Explain the economic important of different microbes & algae.
Core 11	Semester 1	Biomolecules and Cell Biology	On completion of the course, the student will be able to- * Describe the molecular organizations life. * Explain the cellular process of life. * Explain the molecular processes of life
Core 111	Semester II	Mycology and Phytopathology	On completion of the course, the student will be able to- *Concept of the fungal world. * Describe different fungal diseases. * Explain different economic importance of fungi.
Core 1V	Semester II	Archegoniate	On completion of the course, the student will be able to-  * Concept of Bryophyte.  * Explain the economic importance of bryophyte.  * Concept of gymnosperm.

			*Explain the economic importance of gymnosperms. * Concept of fossil plants.
Core V	Semester III	Anatomy of Angiosperms	On completion of the course, the student will be able to- *Describe structural organizations of plant tissues. *Describe anatomical organizations of plant tissues. * Explain plant tissues development.
Core V1	Semester III	Economic Botany	On completion of the course, the student will be able to- *Explain the economically important plants. *Explain the plant products.
Core Vl1	Semester III	Genetics	On completion of the course, the student will be able to- *Define the concept of genetics. *Explain the principles of heredity. *Describe the different mechanisms of inheritance.
Core VIII	Semester IV	Molecular Biology	On completion of the course, the  student will be able to-  Define molecular biology.  Describe the different biological macromolecules.  Describe different processes involved with various macromolecules
Core 1X	Semester IV	Plant Ecology & Phytogeography	On completion of the course, the student will be able to-

			*Define plant ecology.  *Explain the interaction of plant with its surroundings.  *Describe the geographic distribution of different plants
Core X	Semester IV	Plant Systematics	On completion of the course, the student will be able to- * Identification of plants. * Classification of plants *Nomenclature of higher plants.
Core XI	Semester V	Reproductive Biology of Angiosperms	On completion of the course, the student will be able to- *Define plant reproduction.  * Explain the different process of plant reproduction.  *Describe the mechanisms of plant reproduction.
Core XII	Semester V	Plant Physiology	On completion of the course, the student will be able to- *Define Plant-water relations. *Explain Nutrient Uptake of plant. * Explain the Plant growth regulators. *Describe the Physiology of flowering.
DSE I	SemesterV	Analytical Techniques in Plant Sciences	On completion of the course, the student will be able to-  * Define Cell fractionation.  *Define Radioisotopes.  *Explain the different principles of Chromatography.  *Applied the different theory of data analysis.
DSE 2	Semester V	Bioinformatics	On completion of the course, the student will be able to- *Concept of Bioinformatics.

		-	*Application of computation tools in solving Biological problems. *Define the Sequence Alignments.
CoreXl ll	Semester VI	Plant Metabolism	On completion of the course, the student will be able to- *Concept of metabolism. *Explain the process of Carbohydrate metabolism. *Describe the ATP-Synthesis. *Analysis of various metabolic processes involved with plant life.
Core XIV	Semester VI	Plant Biotechnology	On completion of the course, the student will be able to- * Concept of Plant Tissue Culture. *Explain the Processes recombinant DNA technology.
DSE 5	Semester VI	Plant Breeding	On completion of the course, the student will be able to-  * Concept of plant breeding.  * Describe the different Methods of crop improvement.  * Application of different methods of plant improvement and breeding techniques.
DSE 8	Semester VI	Biostatistics	On completion of the course, the student will be able to- * Concept of Biostatistics. * Describe Correlation. * Application of different statistical tools for Biological data analysis

Maya Konwar

HOD, Department of Botany

Moridhal College

NAME OF PROGRAMME :B.SC Chemistry Course Specific Outcome

Course	Semester	Course Title	Course Outcome
Core-1	1 <sup>st</sup> Sem	Inorganic Chemistry	On completion of the course, the students will gain an understanding of-  Sign of wave function, counter boundary and probability diagrams etc.  Variations of orbital energy with atomic number.  Properties of elements, atomic radii, ionic radii, size effect of ionic bond, solvation  energy, covalent character of ionic bond, redox equations, principle involved in Volumetric analysis etc.
Core-2	1 <sup>st</sup> Sem	Physical Chemistry	On completion of the course, the students will gain an understanding of-  Kinetic molecular model of a gas, behaviour of real gases etc  Effect of addition of various solute on surface tension and viscosity. Cleansing  action of detergents.  Nature of solid state, elementary idea of symmetry.  iv. Idea of solubility and solubility product of sparingly soluble salts.
Core-3	2 <sup>nd</sup> Sem	Organic chemistry	On completion of the course, the students will gain an understanding of-  Knowledge of basic organic chemistry, definition, classification of  stereoisomerism, optical activity, absolute and relative configuration etc.  Knowledge of elimination reaction, electrophilic and nucleophilic addition.  iii. Relative stability of cyclic hydrocarbon, Bayer's strain theory etc.
Core-4	2 <sup>nd</sup> Sem	Physical Chemistry	On completion of the course, the students will gain an understanding of-  The application of mathematical tools to calculate thermodynamic properties  The concept of free energy change and spontaneity.  Thermodynamics derivation of relation between Gibbs free energy of reaction  and reaction quotient.  iv. Derive relation between the four colligative properties using chemical potential (Thermodynamics derivation).
Core-5	3 <sup>rd</sup> Sem	Inorganic chemistry	On completion of the course, the students will gain an understanding of-  Predict the purification of metal, study of compounds with emphasis on  Structure, bonding, preparation and properties.  Real world applications, shapes etc of noble gas.  Structural aspects and applications of inorganic polymer
Core-6	3 <sup>rd</sup> Sem	Organic chemistry	On completion of the course, the students will gain an understanding of-  The prediction of mechanism for organic reactions  How to design synthesis of organic molecule.  The reactivity and stability of organic molecule based on structure  An idea of alcohols, phenols, carbonyl compounds, acids and their derivatives etc

and p	Dhusical chamistar	On completion of the course, the students will gain an understanding of-
3 Sem	Physical chemistry	<ul> <li>Types of catalysis, Michaelis – Menten mechanism, mechanism of catalysed</li> <li>reaction at solid state.</li> <li>Steady - state approximation in reaction mechanism.</li> <li>iii. Concept of phases, phase diagrams for systems of solid-</li> </ul>
		liquid equilibria involving eutectic, congruent and incongruent mp, solid solution etc.  On completion of the course, the students will gain an understanding of-
4 <sup>th</sup> Sem	Inorganic chemistry	<ul> <li>Predicting metal ion present in biological systems</li> <li>Use of chelating agents in medicine.</li> <li>Quantitative aspect of ligand field and MO theory, stability of various oxidation states and emf of transition elements</li> </ul>
4 <sup>th</sup> Sem	Organic chemistry	On completion of the course, the students will gain an understanding of-  Reaction for preparation of Heterocyclic compounds, polynuclear hydrocarbons  Reaction and mechanism of substitution in heterocyclic compounds.  Methods of structure elucidation of terpenoids
4 <sup>th</sup> Sem	Physical Chemistry	On completion of the course, the students will gain an understanding of-  • Quantitative aspects of Faraday's laws of electrolysis  • Application of conductance measurement  • iii. Electrical and magnetic properties of atoms and molecules
5 <sup>th</sup> Sem	Organic chemistry	On completion of the course, the students will gain an understanding of-  The chemical basis for biological phenomena and cellular structure.  The chemical properties of amino acids co factors and sugar.  Enzyme kinetics, chemical logic of metabolism  iv. Health, disease and modern medicine are all rooted in biological chemistry.
5 <sup>th</sup> Sem	Physical chemistry	On completion of the course, the students will gain an understanding of-  The difference between classical and quantum mechanics Qualitative treatment of hydrogen atom and hydrogen like ions.  How to interpret spectra Role of photochemical reaction in biochemical processes
5 <sup>th</sup> Sem	Analytical methods in chemistry	On completion of the course, the students will gain an understanding of-  The principles and applications of modern chemical instrumentation,  experimental design and data analysis.  The composition of written laboratory reports that summarize experimental  procedures and the accurately present and interprete data  iii. Qualitative and quantitave aspect of solvent extraction, chromatographic method of analysis -TLC &
	4 <sup>th</sup> Sem  5 <sup>th</sup> Sem	4 <sup>th</sup> Sem Inorganic chemistry  4 <sup>th</sup> Sem Organic chemistry  4 <sup>th</sup> Sem Physical Chemistry  5 <sup>th</sup> Sem Physical chemistry  5 <sup>th</sup> Sem Analytical methods in

DSE-2	5 <sup>th</sup> Sem	Green chemistry	On completion of the course, the students will gain an understanding of-  concept of green chemistry  Use of safer chemicals  Concept of atom economy  Use of green solvent  Use of green chemistry in our day to day life
Core-13	6 <sup>th</sup> Sem	Inorganic chemistry	On completion of the course, the students will gain an understanding of-  Basic principles involved in analysis of anions, cations solubility product,  common ion effect etc  Inorganic reaction mechanism  Use of Wilkinson's catalyst in industrial process of hydrozenation of alkene, gas  synthesis by metel carbonyl  iv. Hapacity of organic ligands, 18 electron rule, Zeise's salt etc
Core-14	6 <sup>m</sup> Sem	Organic chemistry	On completion of the course, the students will gain an understanding of-  • Application of UV, IR, NMR spectroscopy, mass spectra in organic molecules  • Biological importance of carbohydrates  • Biodegradable polymer, colour and constitution of dyes and applications of  • Different dyes.
DSE-1	6 <sup>th</sup> Sem	Industrial chemicals and Environment	On completion of the course, the students will gain an understanding of-  Stored and handle different types of industrial gases and chemicals  Semiconductor technology  iii. The effect of hazardous chemicals, purification method of water and industrial waste management.
DSE-2	6 <sup>m</sup> Sem	Dissertation (Project Work)	On completion of the course, the students will gain an understanding of-  Communication effectively, verbally and written for the purpose of conveying  chemical information to both professional scientist and to the public.  ii. Availability of instrument for conducting specific, scientific research

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#### Name of Programme: B. Sc. in Physics

#### Course Specific Outcome

Course	Semester	Course Title	Course Outcome
Core 1	1 <sup>st</sup> sem	Mathematical Physics-I	On completion of the course the students will be able to:  1. Develop the requisite mathematical skills of a student to understand the fundamental topics in Physics.  2. Develop the ability of a student to critically analyze a topic.  3. Prepare a student for more advanced topics in Physics by providing a solid grip over the fundamental concepts in Physics.  4. Demonstrate the use and importance of computational methods in Physics and enable a student to construct a Physics problem computationally
Core 2	1 <sup>st</sup> sem	Mechanics	On completion of the course the students will be able to:  1. Introduce the students to the basic concepts of mechanics.  2. Enable the students to understand conservation laws as they are the fundamental laws of nature and will help them in realizing a crucial phenomenon of nature- symmetry.  3. Enable the students to understand simple harmonic oscillator as it is a unique mechanical problem and will help them to understand the advanced treatment in quantum mechanics and modern Physics.  4. Develop knowledge of special relativity to understand relativistic formulation of modern theories.  5. Develop knowledge of mechanics which will help students in their everyday life.
GE 1	1 <sup>st</sup> sem	Mechanics	On completion of the course the students will be able to:  1. Develop basic knowledge of mechanics as it is helpful to study any other course in science discipline.  2. Develop knowledge of vector algebra and differential equations which will help students in the study of theoretical courses in science.  3. Acquire useful knowledge about material science.  4. Explain the abstract idea of 4-dimensional world to students which are not from physics discipline
Core 3	2 <sup>nd</sup> sem	Electricity & Magnetism	On completion of the course the students will be able to:  1. Develop the basic theoretical knowledge as well as

			experimental skills of the students on electrical networking.  2. Train the students to handle and repair instruments based on electric and magnetic field effects.
Core 4	2 <sup>nd</sup> sem	Waves & Optics	On completion of the course the students will be able to:  1. Enable the students to analyze different phenomena due to the interaction of light with light and matter.  2. Train the students to use different optical instruments.  3. Help the students to understand various natural phenomena using different apparatus in the laboratory
GE 2	2 <sup>nd</sup> sem	Electricity and Magnetism	On completion of the course the students will be able to:  1. Perform quantitative analyses of basic problems in Electrostatics and Magnetodynamics.  2. Apply Gauss's Law, Ampere's Law, and Biot-Savart Law to solving practical problems in electricity and magnetism.  3. Apply the fundamental laws of electromagnetism to solve problems of electrostatics, magnetostatics, and electromagnetic induction 4. Explain and analyze the behaviour of alternating currents in LCR circuits.  5. Perform and interpret the results of simple experiments and demonstrations of physical principles.  6. Solve problems relevant to interfaces between media with defined boundary conditions.
Core 5	3 <sup>rd</sup> sem	Mathematical Physics-II	On completion of the course the students will be able to:  1. Develop the requisite mathematical skills to understand some of the fundamental topics (slightly more advanced than those in Mathematical Physics I) in Physics.  2. Develop the ability of a student to critically analyze a topic.  3. Prepare a student for more advanced topics in Physics by providing a solid grip over the fundamental concepts in Physics.  4. Enable a student to understand the use and importance of computational / numerical methods in Physics and enable a student to construct a Physics problem computationally.
Core 6	3 <sup>rd</sup> sem	Thermal Physics	On completion of the course the students will be able to:  1. Apply the laws of thermodynamics in real world problems.  2. Conduct scientific problems and experiments on thermodynamics and allied disciplines.  3. Demonstrate a working knowledge of the physical principles in

			Thermal Physics.
Core 7	3 <sup>rd</sup> sem	Digital systems & Application	On completion of the course the students will be able to:  1. Identify and understand digital electronic principles and systems.  2. Apply the knowledge to analyze and apply digital circuits in solving circuit level problems.  3. Build real life applications using digital systems.
GE 3	3 <sup>rd</sup> sem	Thermal Physics & Statistical Mechanics.	On completion of the course the students will be able to:  1. Apply laws of thermodynamics and statistical mechanics to a range of situations in real world problems.  2. Conduct scientific problems and experiments on thermodynamics and allied disciplines.  3. Demonstrate a working knowledge of the physical principles describing the thermal physics.  4. Explain thermal physics as logical consequences of the postulates of statistical mechanics
Core 8	4 <sup>th</sup> sem	Mathematical Physics III	On completion of the course the students will be able to:  1. Develop mathematical skills of a student to understand some of the fundamental topics (slightly more advanced than those in Mathematical Physics I and II).  2. Develop the ability of a student to critically analyze a topic.  3. Prepare a student for more advanced topics in Physics by providing a solid grip over the fundamental concepts in Physics.  4. Enable a student to understand the use and importance of computational/ numerical methods in Physics and to construct a problem computationally.  5. Help a student to pursue advanced studies in Physics.
Core 9	4 <sup>th</sup> sem	Elements of Modern Physics	On completion of the course the students will be able to:  1. Understand and appreciate the theory of modern physics  2. Develop the ability to apply it in solving simple problems in Quantum Mechanics (QM), structure of atoms, Laser, and Nuclear Physics.
Core 10	4 <sup>th</sup> sem	Analog Systems & Applications	On completion of the course the students will be able to:  Learn the foundation knowledge of analog electronic systems  1 Learn the working and applications of PN junction and bipola junction transistors (BJT).  2 Learn to analyze circuits containing PN junction and BJT along

	er		with the application of BJT.  3 as amplifiers and oscillators. Develop basic knowledge of operational amplifier and its applications.
GE 4	4 <sup>th</sup> sem	Waves and Optics	On completion of the course the students will be able to:  1. Justify different phenomena due to light and the interaction of light among them and with matter.  2. Use different optical instruments.  3. Produce different natural phenomena using different apparatus in the laboratory
Core 11	5 <sup>th</sup> sem	Quantum  Mechanics and  Applications	On completion of the course the students will be able to:  1. Learn how to apply quantum mechanics to solve physical systems in different areas of science.  2. Know about the physical behavior of materials.  3. Learn how the scientific behavior of materials can be used for human applications.
Core 12	5 <sup>th</sup> sem	Solid State Physics.	On completion of the course the students will be able to:  1. Equip a student with basic concepts of solid state Physics so that the knowledge can be applied for further development of the subject.  2. Enable a student to work in both theoretical and experimental aspects of solid state Physics.  3. Help the students in thorough learning of the concepts associated to the course through the laboratory experiments
DSE 1	5 <sup>th</sup> sem	Classical Dynamics	On completion of the course the students will be able to:  1. Prepare for the study of modern Physics.  2. Develop basic theoretical ingredients necessary to study advanced theoretical courses like quantum mechanics.  3. Learn a number of mathematical techniques applicable to Physics problems in different areas.  4. Develop knowledge of special relativity which is essential to understand the relativistic formulation of modern theories.
DSE 2	5 <sup>th</sup> sem	Physics of Devices and Instruments	On completion of the course the students will be able to:  1. Develop knowledge about various devices like UJT, FET etc. and to use these devices for different applications.  2. Design and analyse filter circuits, power supply FET amplifiers etc.  3. Develop the basic knowledge of IC fabrications, data

			communication standards and communication systems.
Core 13	6 <sup>th</sup> sem	Electromagnetic	On completion of the course the students will be able to:  1. Solve problems relevant to interfaces between media with defined boundary conditions.  2. Use Maxwell's equations to describe the behavior of electromagnetic waves in vacuum as well as medium.  3. Describe states and methods of polarization and analyze the polarization state of a light source.
Core 14	6 <sup>th</sup> sem	Statistical Mechanics	On completion of the course the students will be able to:  1. Equip the students with basic knowledge of the Statistical Mechanics and hence will be able to look critically for analyzing any physical phenomena.  2. Create interest to the subject to pursue further higher study in future.  3. Enable the students to solve any challenging physical problem in statistical mechanics
DSE 3	6 <sup>th</sup> sem	Nuclear and Particle Physics	On completion of the course the students will be able to:  1. Develop knowledge regarding nuclear and elementary particle as well as properties and phenomena related to them.  2. Successfully apply the same knowledge in solving problems in the field of nuclear and particle Physics.
DSE 4	6 <sup>th</sup> sem	Experimental Techniques	On completion of the course the students will be able to:  1. Develop the theoretical as well as experimental knowledge on different instruments and instrumentation.  2. Develop the knowledge of some measurement techniques and data and error analysis technique, which is very essential for a Physics student.  3. Handle different electrical network based instruments.

19/3/2022 (Padma Pani Shahu)

HoD, Deptt. of Physics

Moridhal College