

# STUDENT handbook 2023-2024

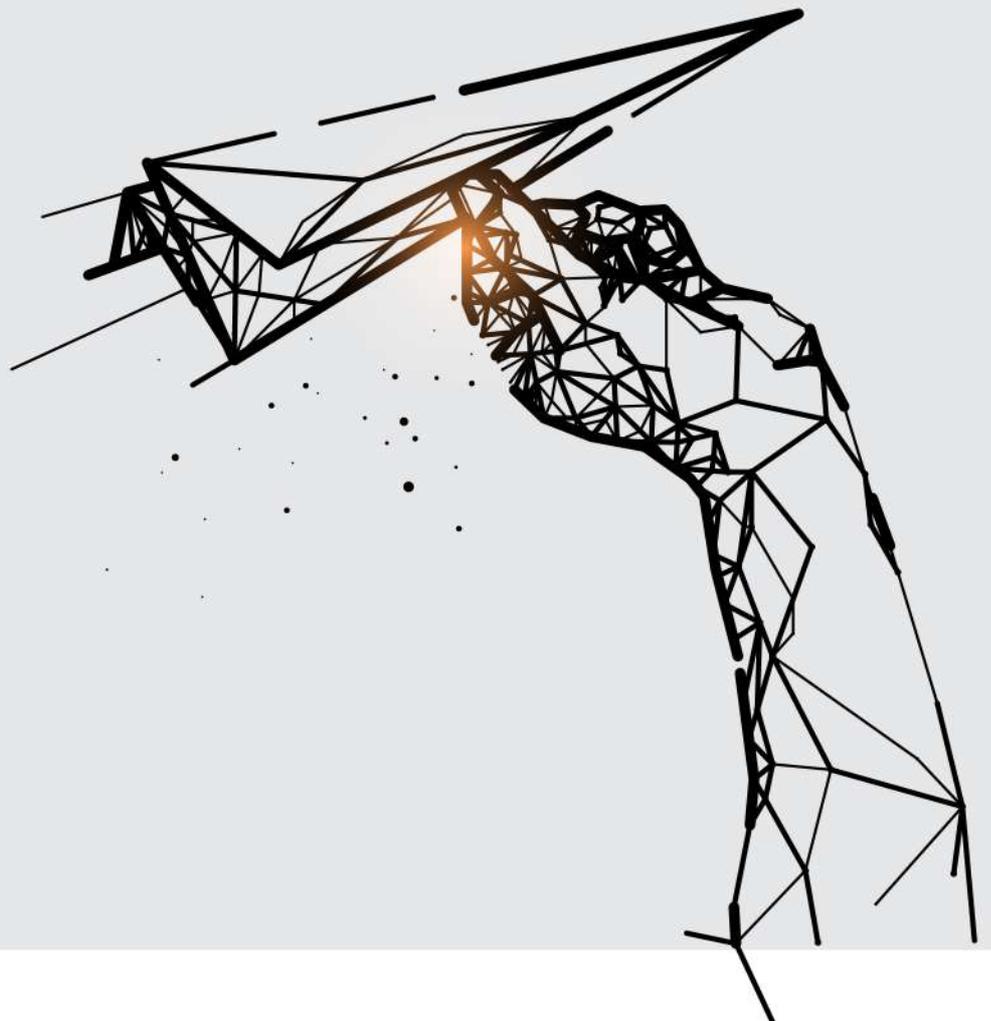


**VISION**

To be a globally renowned university.

**MISSION**

To impart quality higher education and to undertake research and extension with emphasis on application and innovation that cater to the emerging societal needs through all-round development of students of all sections enabling them to be globally competitive and socially responsible citizens with intrinsic values.





**CATEGORY 1  
UNIVERSITY**

BY MHRD, Govt. of India

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**KL ACCREDITED BY  
NAAC WITH A++**

GRADE

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**nirf** NATIONAL  
INSTITUTIONAL  
RANKING  
FRAMEWORK  
**2023**

**RANKED 28**  
AMONG ALL  
UNIVERSITIES

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**43 YEARS OF  
EDUCATIONAL  
LEADERSHIP**

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**Koneru Satyanarayana,**  
*Chancellor*

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Sri Koneru Satyanarayana, BE, FIE, FIETE, MIEEE graduated in Electronics and Communication Engineering in the year 1977. Along with Sri Koneru Lakshmaiah, he is the co-founder of the Institute which was established in the year 1980. He is an educationist of eminence and also an industrialist of great repute. He runs a number of industries in and around Vijayawada.

**Dr. K. S. Jagannatha Rao**  
*Pro-Chancellor*

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Prof. K. S. Jagannatha Rao was one of the leading scientists in neuroscience research in globe. He was the Director on Institute for Scientific Research and Technological Advances (INDICASAT AIP), Republic Panama and contributed lot in building innovation in higher education and research in Panama since 2010. He played a key role in building PRISM (Panamanian Research Institutes of Science and Medicine) in Latin America. Dr. Rao has his research area on Brain Research and established Alzheimer's Centre and published 165 papers in leading Biochemistry and Neuroscience Journals, supervised 19 Ph.D students. He is also adjunct faculty of Biomedical Informatics of UTHS, Houston, and Advisory Board Member of UT- El Paso Minority Health NIH program, USA and Adjunct Faculty, Methodist Research Institute, Houston, USA. He was elected Member of Panamanian Association for the Advancement of Science (APANAC) - Considered as National Science Academy of Panama. He received his undergraduate and Ph.D degrees from Sri Venkateswara University, Tirupati. Later, joined in Central Food Technological Research Institute, Mysore. He received Sir C. V. Raman Award by Karnataka State Council of Science and Technology, 2003.



**Prof. G P S Varma**  
*Vice-Chancellor*



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Prof. G P S Varma, Vice-Chancellor, KLEF, is one of the most widely experienced leaders in Indian higher education, known for his commitment to expanding student opportunity, catalyzing academic innovation, and encouraging university's civic engagement and service to society. He adorned the position of Chairman, ISTE (Indian Society for Technical Education)- AP State, TSEM CET Test Committee Member-2021 nominated By Telangana State Govt, APEAMCET Admission Committee Member in 2016 by Andhra Pradesh State Council of Higher Education, Govt. of Andhra Pradesh. He has been a very farsighted Peer Team Visit Member for National Assessment and Accreditation Council (NAAC), Expert Committee Member for University Grants Commission (UGC) Autonomous Visits. He has been an Advisory Council Member for (CEGR) Centre for Education Growth, and Research India International Centre, New Delhi, and Board Member for Big-Data Analytics Forum.



**Dr. A. V. S. Prasad**  
*Pro-Vice Chancellor*

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Dr. A. V. S. Prasad, M.E and Ph.D from JNTU, Hyderabad is a professor in Civil Engineering. He has a rich experience of 33 years in academics which includes 26 years in administration at various cadres ranging from Head of Department, Dean, Principal, Director and Pro-Vice Chancellor. He has served as Director of Audisankara group of institutions and Narayana Group of Institutions for 18 years and was instrumental in getting these institutions accredited by NAAC, NBA, Autonomous and gained many laurels from the State Government, JNTU etc. He has served as Pro-Vice Chancellor of KL University for 3 years.

He has extensive knowledge of administrative system, maintaining statutory norms of bodies like AICTE, UGC etc and has a good understanding of NBA, NAAC procedures and norms. He served as Member, Chairman of Board of Studies at JNTU(A), KLCE(Autonomous) and KL University.

**Dr. Venkatram Nidumolu**  
*Pro-Vice Chancellor*

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Dr. Venkatram Nidumolu, Pro-Vice Chancellor is High performing, strategic thinking professional with more than 15years of administration experience and 20 years of teaching experience in KLEF and 30 years overall experience in the higher education sector. He graduated in B.Tech (ECE) from Acharya Nagarjuna University, pursued M.S degree from BITS, PILANI in software Systems. He received Ph.D award from Acharya Nagarjuna University. He held the positions like HOD, Joint Register, Principal, and Dean-Academics before becoming Pro-Vice Chancellor. He was core member of all NBA, NAAC, & other accreditations since 2004 and he has good experience in handling of quality issues and assessment related practices.



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## Acronyms

Sl. No	Acronyms	Full Form
1	KLEF	Koneru Lakshmaiah Education Foundation
2	CET	Common Entrance Test
3	KLEEE	KLEF Engineering Entrance Examination
4	JEE	Joint Entrance Examination
5	BT	Biotechnology
6	CE	Civil Engineering
7	CS	Computer Science & Engineering
8	EC	Electronics & Communication Engineering
9	EE	Electrical & Electronics Engineering
10	CM	Computer Engineering
11	ME	Mechanical Engineering
12	AD	Artificial Intelligence & Data Science
13	CI	Computer Science & Information Technology
14	CGPA	Cumulative Grade Point Average
15	SGPA	Semester Grade Point Average
16	LTPS	Lecture, Tutorial Practical, Skill
17	SEE	Semester-End Examinations
18	SIE	Semester-In Examinations
19	OJET	On-the-job Engineering Training
20	IRP	Industrial Relations and Placements
21	PS	Practice-School
22	OPAC	Online Public Access Catalog
23	QCM	Quality Circle Meeting
24	MOOC	Massive Open Online Course
25	MOU	Memorandum of Understanding
26	OD	On Duty
27	(A, B]	Between A and B excluding value A and including value B
28	COE	Controller of Examinations

29	VLSI	Very Large-Scale Integration
30	MTech	Master of Technology
31	COA	Council of Architecture
32	JEE	Joint Entrance Examination
33	NATA	National Aptitude in Architecture
34	PC	Professional Core
35	BSAE	Building Science and Applied Engineering
36	PE	Professional Elective
37	PAECC	Professional Ability Enhancement Compulsory Courses
38	SEC	Skill Enhancement Course
39	OE	Open Elective
40	CTIS	Cloud Technology and Information Security
41	DS	Data Science
42	IoT	Internet of Things
43	IPA	Intelligent Process Automation
44	PCI	Pharmacy Council of India
45	PY	Pharmacy
46	B. Com (H)	Bachelor of Commerce with Honors
47	ACCA	Association of Chartered Certified Accountants
48	HM	Hotel Management
49	BTK	Basic Training Kitchen
50	QTK	Quantitative Training Kitchen
51	ATK	Advanced Training Kitchen
52	MBA	Master of Business Administration
53	BBA	Bachelor of Business Administration
54	MSc (F&C)	Master of Science (Finance & Control)
55	BA	Bachelor of Arts
56	<b>M.Sc.</b>	Master of Science

## CHAPTER 1: INTRODUCTION

### About KL University

The President of Koneru Lakshmaiah Education foundation, Er. Koneru Satyanarayana, along with Late Sri. Koneru Lakshmaiah, founded the K L College of Engineering in the Academic year 1980-81. With the mighty vision and restless efforts of Er. Koneru Satyanarayana K L College of Engineering carved a niche for itself through excellence in engineering education, discipline and record numbers of placements and was the leading college in the state of AP. K L College of Engineering achieved NBA Accreditation for all its B.Tech. Programs in 2004 and later re-accredited in 2007. K L College of Engineering was transformed into an autonomous engineering college in the year 2006. In 2008 this college received a record grade of 3.76 on a 4 points scale with “A” Grade from NAAC; and in February 2009, the college, and Accredited by National Assessment and Accreditation Council (NAAC) of UGC as ‘A+++’ with highest Grade of 3.57 CGPA on 4-point scale in 2018, through its founding society “Koneru Lakshmaiah Education Foundation” was recognized as Deemed to be University by the MHRD-Govt. of India, Under Section 3 of UGC Act 1956. This Deemed to be University is named as “KLEF”.

### Location

KLEF is situated in a spacious 100-acre campus on the banks of Buckingham Canal of river Krishna, eight kilometers from Vijayawada city. Built within a rural setting of lush green fields, the institute is a virtual paradise of pristine nature and idyllic beauty. The campus has been aptly named "Green Fields" and the splendid avenue of trees and gardens bear testimony to the importance of ecology and environment. The campus ambience is most befitting for scholastic pursuits. The University is situated in a built-up area of around 15, 00,000 S.Ft.

### Vision of University:

To be a globally renowned university.

### Mission of University:

To impart quality higher education and to undertake research and extension with emphasis on application and innovation that cater to the emerging societal needs through all-round development of the students of all sections enabling them to be globally competitive and socially responsible citizens with intrinsic values.

### Facilities

#### Central Library: E-Resources

The Central Library is the largest and holds materials to serve the whole University community. It has materials relevant to the Engineering, Science & Humanities courses offered by the University. The library system contains more than one lakh and fifty thousand books and periodicals on all subjects related to the teaching and research interests of the University staff and students. The library has over 65,926 electronic journal titles, academic databases and 15,19,512 eBooks. Access is available on campus on student computers and remotely.

#### The Data Centre

A State-of-the-Art Data center with advanced servers provides a highly interactive learning environment with full-fledged hardware and software training facilities.

#### Physical Education- Sports Facilities

KLEF encourages students to explore their latent talents by providing good games and sports facilities. The institute is equipped with the following.

The University had a State-of- the - Art Indoor stadium of 30000 sq.ft with:

- 4 wooden Shuttle Courts/ Basketball Court
- Yoga and Meditation Centre
- Dramatics
- 8 Table Tennis Tables
- Hobby Centre
- Gymnasium for Girls
- Gymnasium for Boys
- Multipurpose room with Chess, Caroms etc.
- Power lifting/Weightlifting

#### Accommodation- Hostels

- KLEF has separate hostels for boys and girls with well furnished rooms and modern amenities.
- The overall atmosphere is very conducive for the students to concentrate on their studies.

Sport/Game	No. of Courts	Sport/Game	No. of Courts
Athletic track	1	Handball Court	1
Hockey Field	1	Netball Courts	2
Badminton Courts	4	Throw ball courts	2
Tennikoit Courts	2	Beach Volleyball Court	1
Cricket Field with Net practice	3	Football Field	1
Volleyball Courts	2	Basketball Courts	2
Tennis Courts	2	Kabaddi Courts	2
Kho Kho Court	1	Table Tennis	6
Soft Ball	1	Chess	20
Archery	1	Caroms	12

- A state- of – the- art kitchen and spacious dining area has been provided for both the hostels.
- Generators have been provided as power backup. Emphasis has been laid on hygiene and cleanliness for healthy living. A customized menu caters to the student needs, it keeps changing according to their tastes.
- Teaching staff will have to address the academic and personal problems of the students. Round-the-clock security, communication, dispensary facilities are also available.

#### Facilities in the hostels

- Protected drinking water
- State of the art kitchen, dining hall
- Newspapers, telephones, toilets and bathrooms are well maintained.
- Every student in the hostel is provided with a cot, study table, chair and a rack.
- Fan and light are also provided in each room.

- Gas & Steam based hygienic food preparation.
- Palatable regional, national and international cuisines
- Cleanliness and Safety STD/ISD Facilities
- Medical Kits and First Aid Boxes Soft drinks, snacks, Fruits etc.
- Laundry Stationary shop

#### Hostel Rules and Regulations

- Students are hereby informed that while staying in the hostel, it is essential to be responsible for maintaining dignity by upholding discipline.
- They must be obedient to the hostel warden/floor in –charges. Valuable items like jewelry etc. should not be kept with students while staying in the hostel.
- It is student’s own responsibility to safeguard her/his Laptops, Money by locking suitcases and bags.
- If any loss is found, management will not take any responsibility. Students must intimate to the hostel authorities before giving police complaints against losses.
- Students are not allowed to indulge in smoking; consumption of Alcohol, Narcotic drugs etc., and defaulters will be strictly viewed upon.
- Students are directed that after locking their rooms they must hand over the keys to security and can collect them on returning to the hostel.
- Students must switch off Fans, Lights, Geysers, A/C’s etc., before leaving their rooms.
- Visitors are not allowed inside the hostel at any time; however, they are allowed into the visitor’s hall with the prior permission of the warden.
- Only family members listed by the parents are allowed to contact the student. Visiting hours are up to 7.30 pm only and after 7.30 pm visitors are required to leave the premises.
- Hostel students are not allowed to come into the hostel after 3.00 pm for morning shift students and 6.00pm for day shift students.
- Those students who are utilizing the computer lab, library etc., after the times specified must submit the permission slip to the security while entering the hostel.
- During public holiday outings, those who seek permission to leave the hostel will have to obtain written permission from the warden. Permission will be given only to those students who get permission from parents to leave the hostel during holidays/outings.
- Moving out of campus without permission is strictly prohibited. Strict study hours from 7.30 am to 10.30 pm shall be maintained in the hostel.
- The hostellers must be in their allotted rooms during study hours. The general complaints of any kind should be noted in the complaint register, which is available at the hostel office.
- Registered complaints will only be entertained. Any health problem should be brought to the notice of Warden/Floor In – charge for necessary treatment.

#### Transportation

The institution runs 80 buses covering all the important points in Vijayawada City, Mangalagiri, Guntur & Tenali towns with a total seating capacity of 4000 students in two shifts. Transport is available 24 hrs, In case of any emergency in the institute /hostels. Transportation is available for conducting industrial tours and visits etc. Regular transport facility available up to 10PM.

### Healthcare

A full-fledged health center with all the facilities is established to cater the needs of the students, staff, Faculty and the public in the adopted villages. It consists of three doctors (Homoeopathy, Ayurvedic & Allopathy).

### Cafeteria

KLEF has a spacious canteen with the latest equipment and hygienic environment which provides quality food and prompts service and caters to the needs of all the students and staff. A central cafeteria of 1500 Sq.m. is available on the campus. Mini cafes and fast-food centers are available in various blocks. The canteen is open from 6:30 a.m. to 8:30 p.m. There is a wide variety of North- Indian and South-Indian cuisine and the students enjoy the pleasure of eating during the breaks. Cool aqua water for drinking is available.

### Placements

KLEF has meticulously planned to make all its outgoing students employed. The University had installed the infrastructure, employed well experienced faculty, designed and delivered programs that help to enhance the communication and soft skills which are required for making the students employable. An excellent system is in place that considers all the issues that make a student employable. The University has been successful for the last 7 years in employing all the students who have registered and eligible for placement through its offices located across the country. About 50 trained personnel work extensively to make the students ready for recruitment by the industry.

### Counselling & Career Guidance

A special Counseling Cell consisting of professional student counselors, psychologists, and Professors counsels/helps the students in preparing themselves to cope with studies, perform well in the tests & various competitions. This Cell provides its services to the students in getting the solutions for their personal problems and provides career guidance with the help of the Industrial Relations and Placements (IRP) department. A group of 20 students are allotted to each faculty member who counsels them regularly and acts as their mentor.

### Social Service Wing

KLEF has a social service wing which is used to channelize the social service activities of the faculty, staff and students. It has adopted 5 nearby villages and conducts activities like medical camps, literacy camps and educates the villagers regarding hygiene and health care on a regular basis.

### NSS/NCC wings

NCC/NSS is a credit course designed with an intent to transform NCC/NSS activities into curricular activities from an extracurricular thereby providing credits to students involved in NCC/NSS along with other attended advantages to the students in the university.

### Hobby Clubs

Wholly and solely managed by the students, contributed much to the cultural life of the campus and to the cultural evolution of the students. Few student bodies and clubs operate in the campus like music society, dance club, drama society, literary and debating club, English press club, drawing club, painting club, mime club, computer club etc. Students manage entire activities and budget of the organization for the entire semester in advance. Around 4000 students are active members of the Hobby Clubs.

### Life Skills and Inner Engineering

KLEF feels that it is its responsibility to mold the students as good human beings, contributing to the country and to society by producing responsible citizens. Along with the regular programs every student admitted into KLEF undergoes a one-week special life skills /orientation program. Through this program, KLEF is producing the students with clarity of thoughts and charity at heart. Strict regularity, implicit obedience, courtesy in speech and conduct, cleanliness in dress. Life skills and inner engineering teach a student his/her obligation towards GOD, himself /herself his/her country and fellow human beings. Every student is encouraged to practice his/her own religious faith and be tolerant and respectful towards other religions.

### Technical Festival

KLEF organizes various programs for the all-round development of the students. The technical festival and project exhibition is organized in the odd semester (October) every year to elicit the innovative ideas and technical skills of the students.

### Cultural Festival

The cultural festival in the even semester (February) of every year is the best platform for the students to exhibit their talents and creativity. Through these festivals KLEF is imparting organizational skills, leadership skills, competitive spirit, and team behavior skills to our students. Along with the knowledge, KLEF festivals provide recreation to the student community.

### Center for Innovation, Incubation and Entrepreneurship (CIIE)

KLEF being a pioneering institute supporting Academics and Research in Engineering, Science and Technology is endowed with the entire infrastructure and highly experienced faculty, has a Centre for Innovation, Incubation and Entrepreneurship (CIIE) that comprises of: Innovation Centre which aims to inculcate a spirit of innovation. Incubation Centre which aims to incubate innovations through prototype product development. Entrepreneurship Development Centre (EDC) which aims at fostering entrepreneurial skills among the students.

### Department of Arts

The Department of Arts started its journey in 2016 by offering B.A. Programme for undergraduate students approved by UGC with the objective of outcome-based education. The department follows the CBCS syllabus according to NEP 2020 guidelines, which is in line with all the premier institutions of India. Students can choose Geography or Economics as their major, along with other subjects like History, Public Administration, English, Telugu and Hindi. Apart from the regular UG programme, the department offers integrated coaching for competitive examinations such as UPSC, State PSCs, SSC, Banking services, etc. The unique integrated coaching embedded in the academic programme is developed to refine their personality and make them future-ready.

### Vision of Department:

To be an excellent Centre for promoting students towards Civil service Examinations in addition to Arts and Humanities.

### Mission of Department:

To impart quality education for enriching the inherent qualities of students by implementing sufficient inputs and to make them competent to appear for Civil service and other competitive examinations.

Mission statements:

M1: Training the leaders of future

M2: Training the civil servants

M3: Training the outstanding career professionals of future

## CHAPTER 2:

### PROGRAM EDUCATIONAL OBJECTIVES (PEOs) AND PROGRAM OUTCOMES (POs)

#### PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO 1	Graduates apply appropriate communication skills across settings, purposes, and audiences.
PEO 2	Graduates shall promote professionalism in the practice of visual communication.
PEO 3	Graduates with sense of responsibility and rooted in community involvement with a global perspective.
PEO 4	Participate as leaders in their fields of expertise and in activities that support service and economic development throughout the world

#### Program Outcomes (POs):

PO NUMBER	DESCRIPTION
PO1	Provide knowledge and understanding of various fields of study in core disciplines in the Humanities and social sciences
PO2	Develop critical and analytical skills to identify and resolve of problems with in complex changing social, linguistic and literary context.
PO3	Understanding the general concepts and principles of selected areas of study outside core disciplines of the Humanities, Social Science and Languages
PO4	Follow independence in learning appropriate theories and methodologies with intellectual honesty and an understanding of ethical and human values
PO5	Encourage students to analyse the problems and apply this knowledge for remedies thereof
PO6	Enhance student's skills of effective communication and language learning i.e. reading, writing, listing and speaking another language with fluency and understand its cultural value.
PO7	Inducting the sense of environmental albitites and provide knowledge on climate change and community responsibility of the citizen.
PO8	Work with self-esteem, self-reliance, self-reflection and creativity to face adversities in the work and personal
PO9	Inculcate leadership and administrative abilities for their future career
PO10	Increase inclination for higher studies and research in social sciences and Gain comprehensive knowledge to succeed in competitive examinations

#### Program Specific Outcomes (PSOs):

PSO 1	The graduates will be able to identify and address issues with the economy, business, government, and society.
PSO 2	The graduates will be able to analyse information on the fundamental and practical lessons from the demanding, interdisciplinary, and globally recognised curriculum with objectivity and critical thinking.
PEO 3	The graduates will be competent at formulating appropriate research questions and using research methodologies to solve practical issues.

## CHAPTER 3: PROGRAMS LIST & ELIGIBILITY CRITERIA

The disciplines in which the courses of study are available at College of Law are as follows –

<b>Program</b>	<b>Duration</b>	<b>Eligibility</b>	<b>Percentage of Marks in the Qualifying Exam</b>	<b>Total Seats</b>
BA Economics	3 years	10+2	50%	120

### [Eligibility Criteria for Admission in BA Economics](#)

Candidates should have passed Intermediate or equivalent (10+2) Examination, from recognized school leaving certificate examination boards; with minimum of 50% marks or equivalent CGPA in any discipline.

## CHAPTER 4: ACADEMIC REGULATIONS

### TERMINOLOGY

**Academic Council:** The Academic Council is the highest academic body of the University and is responsible for the maintenance of standards of instruction, education, and examination within the University. Academic Council is an authority as per UGC regulations and it has the right to take decisions on all academic matters including academic research.

**Academic Year:** It is the period necessary to complete an actual course of study within a year. It comprises of two consecutive semesters i.e., Even and Odd semester.

**Audited Course:** It is a course of study which has neither evaluation component nor grade.

**Assignments:** Assignments are given to students to continuously evaluate their learning effectiveness and to provide direction for their improvements.

**Backlog Course:** A course is considered to be a backlog course if the student has obtained a failure grade (F).

**Basic Sciences:** The courses of foundational nature in the areas of Mathematics, Physics, Statistics, Biology etc., are offered in this category.

**Betterment:** Betterment is a way that contributes towards improving the students' grade in any course(s). It can be done by either (a) re-appearing or (b) re-registering for the course. **Board of Studies:** Board of Studies (BOS) is an authority as defined in UGC regulations, constituted by Vice Chancellor for each department separately. They are responsible for curriculum design and update in respect of all the programs offered by a department.

**Branch of Study:** It is a branch of knowledge, an area of study or a specific program (like Civil Engineering, Mechanical Engineering, Computer science Electrical and Electronics Engineering, Electronics and communication, Biotechnology, Business Management, Technology Management, Health care Management, Banking and finance, Business analytics, Commerce, Creative arts and Media studies, Computer applications, Fine arts, Architecture, Law, Hotel Management etc.)

**Case-Based Learning:** Case study method is important learning and evaluation tool, through which simulated or real-world business problems are analyzed. The students are tested for case studies in each subject. This reinforces their understanding of the concepts and their ability to apply the same in real-life situations

**Certificate course:** It is a course that makes a student gain hands-on expertise and skills required for holistic development. It is a mandatory course (as reflected in the program's curriculum structure) or optional course (as reflected in the program's curriculum structure) for the award of degree.

**Change of Branch:** Change of branch means transfer from one's branch of study to other.

**Compulsory course:** Course required to be undertaken for the award of the degree as per the program.

**Course:** A course is a subject offered by the University for learning in a particular semester.

**Course Hand out:** Course Hand out is a document, which gives complete plan of the course. It contains the details of the course viz. Course title, Course code, Pre-requisite, Credit structure, team of instructors, Course objectives, Course rationale, Course Outcomes and the relevant syllabus, textbook(s) and reference books, Course delivery plan and session plan, evaluation method, chamber consultation hour, course notices and other course related aspects. In essence, course hand out is an agreement between students (learners) and the instructor.

**Course Outcomes:** The essential skills that need to be acquired by every student through a course.

**Course Specific Project:** It is an applied project carried out as part of the course for understanding specific concepts.

**Credit:** A credit is a unit that gives weight to the value, level or time requirements of an academic course. The number of 'Contact Hours' in a week of a particular course determines its credit value. One credit is equivalent to one lecture hour per week or two hours per week of tutorials/ self-learning/ practical/ field work during a semester.

**Credit point:** It is the product of grade point and number of credits for a course.

**Credit Transfer:** The procedure of granting credit(s) to a student for course(s) undertaken at another institution.

**Cumulative Grade Point Average (CGPA):** It is a measure of cumulative performance of a student over all the completed semesters. The CGPA is the ratio of total credit points secured by a student in various courses in all semesters and the sum of the total credits of all courses in all the semesters. It is expressed up to two decimal places.

**Curriculum:** Curriculum incorporates the planned interaction of students with instructional content, materials, resources, and processes for evaluating the attainment of Program Educational Objectives.

**Degree:** A student who fulfil all the Program requirements is eligible for the award of the degree.

**Degree with Specialization:** A student, who fulfil the entire Program requirements of her/his discipline and successfully completes a specified set of Professional elective courses in a specialized area, is eligible for the award of the degree with specialization.

**Department:** An academic entity that conducts relevant curricular and co-curricular activities, involving both teaching and non-teaching staff and other resources.

**Detention in a course:** Student who does not obtain minimum prescribed marks in continuous in-semester evaluation and /or minimum prescribed attendance in a course shall be detained in that particular course.

**Directed Independent Study (DIS):** Students are encouraged to take up independent study for self-development under the guidance faculty members.

**Dropping from the Semester:** A student who does not want to register for the semester should do so in writing in a prescribed format before commencement of the semester.

**Elective Course:** A course that can be chosen from a set of courses. An elective can be Professional Elective, Open Elective, Management Elective, Sectoral Elective, Humanities Elective, Modular Elective etc.

**Evaluation:** Evaluation is the process of judging the academic work done by the student in her/his courses. It is done through a combination of continuous in-semester assessment and semester end examinations.

**Foundation courses:** The courses that constitute essential course sets which are of foundational nature and are necessary to be completed for seeking enrolment in to the Specialisation courses.

**Grade:** It is an index of the performance of the students in a said course. Grades are denoted by alphabets.

**Grade Point:** It is a numerical weight allotted to each letter grade on a 10 - point scale.

**Honors Degree:** A student who fulfils all the Program requirements of her/his discipline and successfully completes a specified set of additional courses within the same program is eligible to receive an Honors degree.

**Humanities Elective:** A course offered in the area of Liberal Arts.

**Industrial Training:** Training program undergone by the student as per the academic requirement in any company/firm. It is a credited course.

**Industrial Visit:** Visit to a company/firm as per the academic requirement.

**Internship module:** It is industrial training program with minimum duration of 8 to 12 weeks depending upon the program.

**In-Semester Evaluation:** Summative assessments used to evaluate student learning, acquired skills, and academic attainment during a course.

**Live projects:** It is an applied project carried out as part of the course for understanding specific concepts of a course by carrying out a study in select organisations.

**Make-up Test:** An additional test scheduled on a date other than the originally scheduled date.

**Social Sciences Research Project (MRP):** Course that a student has to undergo during his/her final year which involves the student to undertake empirical research, which is carefully planned to achieve a particular aim. It is a credit-based course.

**Mini project:** Mini Project is a credit-based course that a student has to undergo during his/her academic term, which involves the student to explore in a discipline belonging to their research interest within their program area.

**Minor Degree:** A student who fulfil all the Program requirements of her/his discipline and successfully completes a specified set of courses from another discipline is eligible to receive a minor degree in that discipline.

**Modular Electives:** It is a set of specialization courses offered as part of ERP. **Multi- Section Course:** Course taught for more than one section.

**Open Elective:** This is a course of interdisciplinary nature. It is offered across the University for all programs.

**Operational Work-Out:** It is part of select few courses, offered under active learning that facilitates application of thematic learning. It carries certain weightage within that particular course.

**Over loading:** Registering for a greater number of credits than normally prescribed by the program in a semester.

**Practice School:** It is a part of the total program and takes one full semester in a profession allocation, where the students and the faculty get involved in finding solutions to real-world problems. A student can choose Project/Practice School during one semester of his/her Academic Year as suggested by BoS of respective department, to meet the final requirements for a degree.

**Pre-requisite:** A course, the knowledge of which is required for registration into higher level course.

**Professional Core:** The courses that are essential constituents of each Professional discipline are categorized as Professional Core courses for that discipline.

**Professional Elective:** A course that is discipline centric. An appropriate choice of minimum number of such electives as specified in the program will lead to a degree with specialization. **Program:** A set of courses offered by the Department. A student can opt and complete the stipulated minimum credits to qualify for the award of a degree in that Program.

**Program Educational Objectives:** The broad career, professional, personal goals that every student will achieve through a strategic and sequential action plan.

**Project:** Course that a student has to undergo during his/her final year which involves the student to undertake a research or design, which is carefully planned to achieve a particular aim. It is a credit-based course.

**Project based laboratory:** Project Based Laboratory is a student-centric learning methodology that involve students in design, problem-solving, decision making, and investigative activities; gives students the opportunity to work in teams, over extended periods of time; and culminate in realistic products or presentations

**Reading seminars:** It is an active learning technique as part of the course for understanding specific concepts by means of referring articles and presenting the summary.

**Re-Appearing:** A student can reappear only in the semester end examination for the Theory component of a course, subject to the regulations contained herein.

**Registration:** Process of enrolling into a set of courses in a semester/ term of the Program.

**Re-Registering:** A student desiring to repeat a course is permitted to do so, subject to the regulations contained herein.

**Sectoral Elective:** Focused elective courses that are offered to meet the career aspirations of a student in identified industrial sectors that pave better placement opportunities.

**Semester:** It is a period of study consisting of 15 to 18 weeks of academic work equivalent to normally 90 working days including examination and preparation holidays. The odd Semester starts normally in July/ August and even semester in December.

**Semester End Examinations:** It is an examination conducted at the end of a course of study.

**Single Section Course:** Course taught for a single section.

**Social Service:** An activity designed to promote *social* awareness and generate well-being; to improve the life and living conditions of the society.

**Student Outcomes:** The essential skill sets that need to be acquired by every student during her/his program of study. These skill sets are in the areas of employability, entrepreneurial, social and behavioural.

**Substitution of Elective course:** Replacing an elective course with another elective course adopted by the student.

**Summer term:** The term during which courses are offered from May to July. Summer term is not a student right and will be offered at the discretion of the University.

**Term Paper:** A *'term paper'* is a research report written by students that evolves their course-based knowledge, accounting for a grade. Term paper is a written original research work discussing a topic in detail. It is a credit-based course.

**Under-loading:** Registering for lesser number of credits than normally prescribed by the Program in a semester.

**Withdrawal from a Course:** Withdrawing from a Course means that a student can drop from a course within the first two weeks of the odd or even Semester (deadlines are different for summer sessions). However, s/he can choose a substitute course in place of it by exercising the option within 5 working days from the date of withdrawal.

## CHAPTER 5: PROGRAM CURRICULUM

For an academic program the curriculum is the basic framework that will stipulate the credits, category, course code, course title, course delivery (Lectures / Tutorials / Practice / Skill/ Project/ Self Study etc.), in the Choice Based Credit System. However, all such are essentially designed, implemented and assessed in Outcome Based Education Framework.

### PROGRAM STRUCTURE

- a. B.A. program is spread over a span of 6 semesters.
- b. Each semester is of, approximately 16± 1week duration and each semester is classified as:
- c. Odd Semester (July –December)
- d. Even Semester (December – May).
- e. KLEF may offer summer term between May and June.
- f. All courses are offered under three categories vis-à-vis. even, odd and dual semester courses.

### COURSE STRUCTURE

- g. Every course has a Lecture-Tutorial-Practice (L-T-P) component attached to it.
- h. Based upon the L-T-P structure the credits are allotted to a course using the following criteria.
  - Every Lecture / Tutorial hour is equivalent to one credit.
  - Every Practical hour is equivalent to half credit.

### COURSE CLASSIFICATION

Any course offered under B.A. program is classified as:

#### a. Compulsory Courses

- Languages: English , Telugu/Hindi
- Basic Core Course: History, Geography, Public Administration
- Department Core

#### b. Project Courses

- Project

### SUMMER TERM COURSES

KLEF offers summer term courses during May and June. The following are the guidelines to register in to courses offered in Summer Semester.

- i. A student may register for course/s in each summer term by paying the stipulated fee. Students registering for more than one (1) summer course must ensure that there is no clash in the time table.
- j. A student can register into a detained course or a not-registered course (course offered in regular semester, but student failed to register due to the non-compliance of pre-requisite

condition but has paid the fee.) A student can also register for other than the above two mentioned categories of courses only if they are permitted for acceleration.

- k. In any case, a student can register only for a maximum of 12 credits during summer term.
- l. Attendance & Promotion policy for summer term is same as compared to the regular semester except for condonation policy. Condonation is not applicable for summer term courses

### Practice School

The Practice School (PS) program forms an important component of education at KLEF. It is an attempt to bridge the gap between an academic institution and the industry. The Program, which would be a simulation of real work environment, requires the students to undergo the rigor of professional environment, both in form and in substance. In the process, it provides an opportunity for the students to satisfy their inquisitiveness about the corporate world provides exposure to practicing professional skills and helps them acquire social skills by being in constant interaction with the professionals of an organization. During Practice School, some of the students may be offered stipend and/or job offer as per the discretion of the concerned industry. Practice School is offered usually for a period of one year, however, student must put a request through the organization and the Head of the Department to the Dean Academics requesting for extension of the duration after completion of first semester

## CHAPTER 6: ACADEMIC FLEXIBILITIES

### Academic Flexibilities:

- **An honors degree** can be awarded if students complete additional courses from their core program and earn 40 extra credits.
- **An Honors through Research degree** offers students the chance to explore their chosen field of study in greater depth, cultivate valuable research skills, and make meaningful contributions to their specific area of interest. Students can be awarded this Degree upon fulfilling the requirement of earning an additional 40 credits through advanced coursework and 8 credits from project work.
- **Honors through Innovation** emphasize the exploration of innovative ideas, problem-solving, and creative thinking within a particular field of study. It may provide opportunities for students to engage in innovative projects, research, or entrepreneurial activities. Students can be awarded their degree upon successful completion of additional courses from their core program and earning an extra 20 credits through advanced coursework. Specifically, this entails completing 10 credits from core courses, 6 credits from a skill development course, and 4 credits from project work.
- **Honors through Experiential Learning** focuses on hands-on, practical experiences that complement and enhance traditional classroom learning. Students will be eligible for the degree upon the successful completion of additional courses from their core program and the attainment of 20 extra credits through advanced coursework. Specifically, this includes obtaining 10 credits from core courses, 6 credits from a skill development course, and 4 credits from project work.

For the above said categories, if a student fails to meet the CGPA and SGPA requirements, at any point after registration, s/he will be dropped from the list of students eligible for the specified Degree, then student will receive Degree only. However, such students will receive a separate grade sheet mentioning the additional courses completed by them.

### Program Add-ons:

- **Specialization:** Specialization degree can be awarded if Student completes five professional electives and one skill development course in the same track and/or earns minimum of 16 credits from the Professional elective courses.
- **Minor:** Minor degree can be awarded if student fulfills all the program requirements of their discipline and are successful in completing a specified set of courses from another discipline through which they earn an additional 20 credits are eligible to get minor degree in that discipline.
- **Double Major:** Double Major degree can be awarded if student earns 30 additional credits to meet the requirements of both majors

Academic Flexibility Table:

	<b>No Major Flexibility</b>	<b>Major Flexibility</b>	<b>Major Flexibility</b>	<b>Major Flexibility</b>	<b>Major Flexibility</b>
	B.A Economics	B.A Economics (honors)	B.A Economics (honors Through Research)	B.A Economics (honors through Innovation)	B.A Economics (honors through Experiential Learning)
<b>Program Add-On Specialization</b>	B.A Economics with specialization	B.A Economics (honors) with Specialization	B.A Economics (honors through Research)with Specialization	B.A Economics (honors through innovation)with Specialization	B.A Economics (honors through Experiential Learning) with Specialization
<b>Program Add-On Minor</b>	B.A Economics with Minor	B.A Economics (honors) with Minor	B.A Economics (honors through Research) with Minor	B.A Economics (honors through innovation)with Minor	B.A Economics (honors through Experiential Learning) with Minor
<b>Program Add-on Double Major</b>	B.A Economics with Second Major	B.A Economics (honors) with Second Major	B.A Economics (honors through Research) With Second Major	B.A Economics (honors through innovation) with Second Major	B.A Economics (honors through Experiential Learning) with Second Major

## CHAPTER 7: REQUIREMENTS FOR THE AWARD OF DEGREE

### Requirements for Award of Degree

The student is awarded a B.Sc. Animation and Gaming degree provided she/he

- Must successfully earn a minimum of 123 credits, as stipulated in the program structure.
- Must successfully complete Minimum two certificate courses
- Must successfully complete Social Internship and Technical Internship.
- Must have successfully obtained a minimum CGPA of 5.25 at the end of the program.
- Must have finished all the above-mentioned requirements in less than twice the period mentioned in the Academic structure for each program, which includes deceleration period chosen by the student, deceleration imposed by KLEF or debarred from the KLEF.

The credits required for the award of degree for each category is given in the following PDFs.

### AWARD OF DEGREE

A student having cleared all the courses and met all the requirements for the award of degree with

- a.  $5.25 \leq \text{CGPA} < 5.75$  will be awarded Pass class
- b.  $5.75 \leq \text{CGPA} < 6.75$  will be awarded Second class
- c.  $6.75 \leq \text{CGPA} < 7.75$  will be awarded First class
- d.  $\text{CGPA} \geq 7.75$  will be awarded First class with Distinction provided the student has cleared all the courses in first attempt and must have fulfilled all the program requirements in three years duration.

### Multiple Entry and Multiple Exit

Students have the flexibility to enrol in a degree program, and if they choose to exit the program at a certain point, they can still receive a formal qualification based on the completed coursework or credits. This enables students to have recognized certifications even if they are unable to complete the full program. It allows the students to gain formal qualifications at different stages while providing opportunities for further educational advancement as per their personal circumstances and goals. This offers students multiple exit options, so that they can rejoin the course after a break. Students who opt to exit after completion of the first year and have secured 41 credits will be awarded a UG certificate if, in addition, they complete one vocational course of 4 credits during the summer vacation of the first year.

Students who opt to exit after completion of the second year and have secured 83 credits will be awarded the UG diploma if, in addition, they complete one vocational course of 4 credits during the summer vacation of the second year.

Students who wish to undergo a 3-year UG programme will be awarded UG Degree in the Major discipline after successful completion of three years, securing 123 credits and satisfying the minimum credit requirement as per the regulation.

An additional 40 credits leading to a total of 163 credits leads to an Honors degree. Students have the choice to focus their Honors degree additionally on “Research” or “Innovation” or “Experiential Learning”.

Exiting students will get a certificate upon completing one year, a diploma certificate after two years, a degree certificate after three years.

## CHAPTER 8: ATTENDANCE RULES & DETENTION POLICY

### Attendance Policy for promotion in a course

The student must maintain a minimum attendance of 85% for all programs, except for BBA-LLB which is 70%, in every course. In case of medical exigencies, the student/parent should inform the principal within a week by submitting necessary proofs and in such cases the attendance can be condoned up to an extent of 10%. by Principal on the recommendation of the Head of the Department.

1. Attendance in a course shall be counted from the date of commencement of the classwork.
2. Attendance for the students who are transferred from other institutes and for new admissions, attendance must be considered from the date of her/his admission.
3. In case of attendance falling marginally below 75% for all programs (for BBA-LLB is 65%) due to severe medical reasons or any other valid reasons, the Principal/Program chair may bring such cases, along with valid and adequate evidence, to the notice of the Dean Academics. The condonation board formed by Vice-Chancellor under the chairman ship of Dean-Academics will consider any further relaxation in attendance from the minimum attendance percentage requirement condition after going through case by case.

### Attendance based Marks

There are no specific marks attached to attendance as such, however, if the Course Coordinator of a course desires to award certain marks, for attendance in a course, s/he can do so based on following guidelines, which thereby must be clearly reflected in the respective course handouts which should duly be approved by Dean Academics. For any course, not more than 5% marks can be allotted for attendance.

For BBA- and LLB the distribution of marks, if the attendance percentage is >76 is 1 mark, >81 is 2 marks. >86 is 3 marks, >91 is 4 marks and >96 is 5 marks, other wise 0 marks.

For all other programs the distribution of marks for attendance is [85, 88] = 1 mark, [89, 91] = 2 marks, [92, 94] =3 marks, [95, 97] =4marks and [98,100] =5marks, below 85%, even in case of condonation, "0" marks.

The marks, if allotted for attendance will have to be considered for all L-T/ST-P-S components of a course cumulatively but not specifically for theory component for any course.

### Attendance Waiver

Students maintaining a CGPA  $\geq 9.00$  and SGPA  $\geq 9.00$  in the latest completed semester get a waiver for attendance in the following semester. Students who thus utilize an attendance waiver will be awarded the marks allocated for attendance based on their performance in an advanced assignment specified by the course coordinator (emerging topics related to the course). S/he can appear in all assessments and evaluation components without being marked ineligible due to attendance-based regulations.

### Attendance Condonation for Participation in KLEF / National/ International Events

Only those students nominated/sponsored by the KLEF to represent in various forums like seminars/conferences/workshops/competitions or taking part in co- curricular/ extra- curricular events will be given compensatory attendance provided the student applies in writing for such a leave

in advance and obtain sanction from the Principal basing on the recommendations of the Head of the Department (HoD)for academic related requests; or from the Dean Student Affairs for extra-curricular related requests. For participation in the KLEF's placement process the names of students will be forwarded by the placement cell in-charge to the respective Heads of the Departments.

Students participating in KLEF/National/International events like technical fests, workshops, conferences etc., will be condoned for 9 instructional days per semester, and in Entrepreneurship related activities a maximum of 18 instructional days per semester. This condonation is not applicable for summer term.

#### Eligibility For Appearing In Sem-End Examination

A Student registered for a course is eligible to write the Semester-End Examination for that course unless found ineligible due to one or more of the following reasons:

- a. Shortfall of attendance
- b. Acts of indiscipline
- c. Withdrawal from a course

## CHAPTER 9: ASSESSMENT & EVALUATION PROCESS

The assessment is conducted in formative and summative modes with a weightage of 60% for Semester-In evaluation and 40% for Semester-End Evaluation.

The distribution of weightage for various components of formative and summative modes are decided and notified by the course coordinator through the course handout after approval by the Dean Academics, prior to the beginning of the semester. Students are advised to refer the course handout to get more detailed information on assessment.

Sem-In tests and the Semester-End Examinations will be conducted as per the Academic Calendar. Students may have to take more than one examination in a day during Sem-In exams, Semester-End Examinations /Supplementary examinations.

Examinations may be conducted on consecutive days, beyond working hours and during holidays.

### Semester-In Evaluation

**The following are the guidelines for the Semester-In evaluation.**

The process of evaluation is continuous throughout the semester.

The distribution of marks for Semester-In evaluation is 60% of aggregate marks of the courses.

To maintain transparency in evaluation, answer scripts are shown to the students for verification, within one week of conduct of exam. If there is any discrepancy in evaluation, the student can request the course-coordinator to re-evaluate.

The solution key and scheme of evaluation for all examinations are displayed by the Course-Coordinator in the appropriate web portal of the course, on the day of the conduct of examination.

In case the student is unable to appear for any evaluation component owing to hospitalization, participation in extra/ co-curricular activities representing KLEF/ state/ country; the Dean Academics can permit to conduct of re- examination for such students.

In case a student has missed any of the two in-semester evaluations, S/he is eligible for and will be provided with an opportunity of appearing for re- examination.

### Semester End Examination

The distribution of marks for Semester-End evaluation is 40% of aggregate marks of the course

The pattern and duration of Sem End examination are decided and notified by the Course Coordinator through the Course handout, after approval from the Dean Academics.

To maintain transparency in evaluation, answer scripts are shown to the students for verification. If there is any discrepancy in evaluation, the student can request the Controller of Examinations to re-evaluate.

If a student earns 'F' grade in any of the courses of a semester, an instant supplementary exam (for only Semester End Exam component) will be provided within a fortnight of the declaration of the results.

### Assessment of Project/Research-Based Subjects

All project or research-based subjects must have a defined time limit for completion. The specific time limits and schedule for monitoring and evaluating student performance will be announced each term.

The final project report, after obtaining a plagiarism certificate, will be considered, and evaluated by the panel of examiners. Student project reports must follow the guidelines prescribed by the Dean of Academics.

### Absence in Assessment & Examination

If a student fails to take any formative assessment component (due to ill-health or any valid reason), no second chance will be given, and zero marks will be awarded for the same. In cases of excused absence, the instructor may provide an opportunity to the student to reappear in quizzes or assignments or any other internal assessment criteria based on the approval from the principal & the concerned Head of the Department in written. If a student fails to write Sem-In Exam-I or obtained less than 50% marks in Sem-In Exam-I, he must attend remedial classes and maintain a minimum 85% of attendance in remedial classes to be eligible for Make-up test for Sem-In exam-I. Further, the number of remedial classes to be conducted shall be 50% of regular classes held till the Sem-In exam-I. However, there is no make-up test for Sem-In Exam-II or for the Laboratory exams.

A student's absence for Sem-In exams under the following circumstances are only considered for makeup test.

Pre-approved participation in University/State/National/International co- curricular and extra-curricular activities

Ill health and medical emergencies for the student leading to hospitalization with certification by the doctor stating inability of student to attend Sem-In exams clearly within the necessary dates.

Death of immediate family member

### Remedial Classes & Remedial Exam

The following categories of students are recommended to attend Remedial classes:

Students who did not attend or obtain a minimum of 50% marks in the Sem-In examination-1

Students for whom the learning objectives of CO1/CO2 are not attained in the Sem-In examination-1

Any other student may also be permitted to attend remedial classes as per the discretion of the Principal.

#### **The following are the guidelines to conduct remedial classes:**

Remedial classes are scheduled to be conducted usually one- or two- weeks after the conclusion of Sem-In exam-1.

The number of remedial classes to be conducted shall be 50% of regular classes held until the Sem-In exam-I.

Remedial classes MUST NOT be scheduled during regular class work hours.

#### **The following are the guidelines for remedial exams:**

Students attending remedial classes must maintain attendance of minimum 80% in classes conducted under remedial classes, without fail for being eligible for attending remedial exam.

After conduction of remedial test, the Sem-in exam-1 marks will be updated by considering the weightage of 75% of marks obtained by student in remedial exam, and 25 % of marks obtained by student in regular exam; with a CAP of 75% in overall marks.

### Grading Process

At the end of all evaluation components based on the performance of the student, each student is awarded grade based on absolute/relative grading system. Relative grading is only applicable to a section of a course in which the number of registered students is greater than or equal to 25. Choice of grading system is decided by the Course-Coordinator with due approval of Dean Academics and is specified in the course handout.

## Absolute Grading

The list of absolute grades and its connotation are given below

Performance	Letter Grade	Grade Point	Percentage of marks
Outstanding	O	10	90-100
Excellent	A+	9	80-89
Very Good	A	8	70-79
Good	B+	7	60-69
Above Average	B	6	50-59
Average	C	5	46-49
Pass	P	4	40-45
Fail	F	0	0-39
Absent	AB	0	Absent

### 8.6.2 Relative Grading

The following table lists the grades and its connotation for relative grading:

Letter Grade	Grade Point	Grade Calculation
O	10	total marks $\geq 90\%$ and total marks $\geq \text{mean} + 1.50\sigma$
A+	9	$\mu + 0.50\sigma \leq \text{total marks} < \mu + 1.50\sigma$
A	8	$\mu \leq \text{total marks} < \mu + 0.50\sigma$
B+	7	$\mu - 0.50\sigma \leq \text{total marks} < \mu$
B	6	$\mu - 1.00\sigma \leq \text{total marks} < \mu - 0.50\sigma$
C	5	$\mu - 1.25\sigma \leq \text{total marks} < \mu - 1.00\sigma$
P	4	$\mu - 1.50\sigma \leq \text{total marks} < \mu - 1.25\sigma$ or $\geq 40$
F	0	total marks $< \mu - 1.50\sigma$ or total marks $\leq 39$
AB	0	Absent

$\mu$  is the mean mark of the class excluding the marks of those students who scored  $\geq 90\%$  and  $\leq 40\%$  after rounding the percentages to the next highest integer.  $\sigma$  is the standard deviation of the marks.

### 8.7 SGPA & CGPA

The SGPA is the ratio of sum of the product of the number of credits with the grade points scored by a student in all the courses and the sum of the number of credits of all the courses undergone by a student, in a semester.

Where ' $C_i$ ' is the number of credits of the  $i^{\text{th}}$  course and ' $G_i$ ' is the grade point scored by the student in the  $i^{\text{th}}$  course.

The CGPA is also calculated in the same manner considering all the courses undergone by a student over all the semesters of a program, where ' $S_i$ ' is the SGPA of the  $i^{\text{th}}$  semester and ' $C_i$ ' is the total number of credits in that semester.

The SGPA and CGPA shall be rounded off to 2 decimal points and reported in the transcripts.

CGPA can be converted to percentage of marks:  $10 \times \text{CGPA} - 7.5$

A student appearing for a course having lab integrated with theory and in case obtains less than 40% in either of lab or theory component of semester end examination, and in such case the student must reappear for the component only in which he has secured less than 40%. Till successful attainment of minimum 40% of both components, the student remains in the F grade for that course.

Audit/Certificate courses are graded as satisfactory (S) or non-satisfactory (NS) only.

At the end of each semester, the KLEF issues a grade sheet indicating the SGPA and CGPA of the student. However, grade sheets will not be issued to the student if he/she has any outstanding dues.

### 8.8 Illustration of Computation of SGPA and CGPA

#### SGPA Computation

COURSE	CREDITS	GRADE LETTER	GRADE POINT	CREDIT POINT (Credit x Grade)
Course 1	3	A	8	$3 \times 8 = 24$
Course 2	4	B+	7	$4 \times 7 = 28$
Course 3	3	B	6	$3 \times 6 = 18$
Course 4	3	O	10	$3 \times 10 = 30$
Course 5	3	C	5	$3 \times 5 = 15$
Course 6	4	B	6	$4 \times 6 = 24$
	20			139

Thus,  $\text{SGPA} = 139/20 = 6.95$

#### CGPA Computation

Item	Semester					
	I	II	III	IV	V	VI
Credits	20	22	25	26	26	25
SGPA	6.9	7.8	5.6	6.0	6.3	8.0

$$\text{CGPA} = \frac{(20 \times 6.9 + 22 \times 7.8 + 25 \times 5.6 + 26 \times 6.0 + 26 \times 6.3 + 25 \times 8.0)}{(20 + 22 + 25 + 26 + 26 + 25)} = 6.73$$

Thus,

#### Betterment

A student may reappear for semester end examination for betterment only in the theory part of the course for improving the grade, subject to the condition that, the student has passed the course, his/her CGPA is  $\leq 6.75$  and the grade in the respective course to be equal to or lower than "C". In the case of reappearing for a course, the best of the two grades will be considered. A Student can re-register in any course in any semester during the program for improvement of grade if the current grade in the course is lower than B+ and with due approval from Dean Academics in accordance with academic regulations. A student cannot reappear for semester end examination in courses like Industrial Training, courses with their L-T/ST-P-S Structure like 0-0-X-X, Project, Practice School and Term Paper.

## CHAPTER 10: PROMOTION

### Change of Branch

A student admitted to a particular Branch of the B.Sc. Animation and Gaming Program will normally continue studying in that branch until the completion of the program. However, in special cases the KLEF may permit a student to change from one branch to another after the second semester, provided s/he has fulfilled admission requirement for the branch into which the change is requested.

#### **The rules governing change of branch are as listed below:**

Top 1% (based on CGPA until 2<sup>nd</sup> semester) students will be permitted to change to any branch of their choice within the program discipline.

Apart from students mentioned in above clause, those who have successfully completed all the first and second semester courses and with CGPA  $\geq 8$  are also eligible to apply, but the change of Branch in such case is purely at the discretion of the KLEF.

All changes of Branch will be effective from third semester. Change of branch shall not be permitted thereafter.

Change of branch once made will be final and binding on the student. No student will be permitted, under any circumstances, to refuse the change of branch offered.

Students in clause a and b may be permitted subject to the availability of seats in the desired branch.

### Credit Transfer

#### Credit transfer between KLEF and other institution

**Credit transfer from KLEF to other institutions:** Student studying in KLEF can take transfer to another institution under the following conditions:

KLEF has signed MOU with the institution.

However, a student, after seeking transfer from KLEF can return to KLEF after a semester or year. Based on courses done in the other institution, equivalent credits shall be awarded to such students.

**Credit transfer from another institution to KLEF:** A student studying in another institution can take transfer to KLEF under the following conditions:

When a student seeks transfer, equivalent credits will be assigned to the student based on the courses studied by the student.

The student, when transferred from other institutions, has to stick to the rules and regulations of KLEF. To graduate from KLEF, a student must study at least half of the minimum duration prescribed for a program at KLEF.

### Credit Transfer Through MOOCs:

Undergraduate students can get credits for MOOCs courses recommended by KLEF up to a maximum of 20% of their minimum credits required for graduation. The discretion of allocation of MOOCs courses equivalent to the courses in the curriculum lies with the office of the Dean Academics.

A student may also be permitted to obtain 20 credits through MOOCs in addition to the minimum credits required for graduation. These 20 credits can also be utilized to acquire a Minor degree or an Honors degree if the courses are pronounced equivalent to those specified for the respective degrees by the office of the Dean Academics. These additional credits through MOOCs if to be considered for CGPA/Minor/Honors degree must be approved by Dean Academics prior to enrollment in the respective MOOCs.

Students acquiring additional credits for Honors / Minor degree must adhere to the rules governing the award of the respective degree, otherwise, a student applying for registering into additional credits through MOOCs must possess a minimum CGPA of 7.5 till that semester.

### Rustication

A student may be rusticated from the KLEF on disciplinary grounds, based on the recommendations of any empowered committee, by the Vice Chancellor.

### Award of Medals

KLEF awards Gold and Silver medals to the top two candidates in each program after successful completion of their study. The medals are awarded based on their CGPA during the Annual Convocation with the following constraints:

- a. The grade obtained through betterment/ supplementary will not be considered for this award.
- b. S/he must have obtained first class with distinction for the award of Gold or Silver-medal.

### Academic Bank of Credits:

ABC helps the students to digitally store their academic credits from any higher education institute registered under ABC in order to award Certificate/Diploma/Degree/Honors based on the credits earned by the student. All the credits acquired by the students are stored digitally by registering into Academic Bank of Credits (ABC) portal. It also supports retaining the credits for a shelf period and continue their program study with multiple breakovers. Students may exit from their current program of study due to any unforeseen reasons or to focus on their chosen career path. In such cases, the student may break for a period of time (preferably not in the middle of an academic year) and may continue with the program of study at a later stage. Moreover, students must be able to complete their program by not exceeding the maximum duration of the program. If not, they may be issued with a Certificate, diploma, degree or honors based on the credits acquired over the period of time for all the programs approved by UGC.

## CHAPTER 11: STUDENT COUNSELING & FEEDBACK

Student counselling / mentoring service ensures that every student gets to know the academic structure of the University and utilize maximum opportunities that the institute offers to fulfill their career and personal life goals. The objective of “Student Counselling /Mentoring Service” is to provide friendly support to the students for their well-being during their stay in the campus and for their holistic development. Counsellors offer individual counselling to help students resolve personal or interpersonal problems. They may also offer small group counselling to help students enhance listening and social skills, learn to empathize with others, and find social support through healthy peer relationships. Counsellors also provide support to faculty by assisting with classroom management techniques and the development of programs to improve quality or safety. When necessary, counsellors may also intervene in a disrupted learning environment. However, the benefits of counsellor student relationships are as follows:

- Maintain academic standards and set goals for academic success.
- Develop skills to improve organization, study habits, and time management.
- Work through personal problems that may affect academics or relationships.
- Improve social skills.
- Cope with university or community-related violence, accidents. Identify interests, strengths, and aptitudes through assessment.

### Academic Counselling Board (ACB)

Academic Counselling Board is constituted by the Dean Academics. This board shall comprise of the Chairman, Convener, Principal/Director, HOD and Professor/Associate Professor. A student will be put under Academic Counselling Board in the following circumstances:

Has CGPA of less than 6.00.

Has 'F' grade or 'Detained' in multiple courses.

The first level of Counselling such students will be done by the Mentor of the student and the HoD followed by the ACB and the list of students who have to undergo the ACB counselling be forwarded by the HoD to the Office of Dean Academics.

The students undergoing the Academic Counselling Board process may be allowed to register only for a few courses based on the recommendation of Academic Counselling Board.

### Counselling Policy

Student counselling takes great place in K L University. Counselling is designed to facilitate student achievement, improve student behavior, subject analysis levels, attendance, and help students develop socially, professionals with bachelor's, master's degrees or beyond. Faculty counsellors provide counselling and serve an educational role in K L University. We have Mentors, Academic, Career, Physiological, Co-Curricular & Extra Curricular activities counsellors in order to support students who are experiencing personal or academic challenges, help students choose careers and plan for university and intervene when students face behavioral, physical, or mental health challenges.

### The duties of counsellors:

Mentoring: Plan and design a system for student behavior, mental health and academic challenges, define structural and functional characteristics of the system in detail, plan provisions for academic mentoring apart from classroom interaction.

### Academic Counselling:

Develop a systematic and process-oriented mechanism to improve academic counselling in relation to student attendance, punctuality, performance of students in internal and semester examinations, course / program to be enrolled based on the strength and weakness of the student

Career Counselling: Conduct personality test (SWEAR) to find suitable career path, Create awareness on the job opportunities, career paths that exist in a specific discipline.

Psychological Counselling: Organize and strengthen the student counselling services, engage qualified and experienced mentors and advisories for each class of students for providing psychological guidance as required.

### Guidance on Co-Curricular & Extra Curricular activities:

Form student clubs to give train and encourages the students to improve their skills, physical fitness and mental strength.

### Early intervention:

Counsellors receive training about learning difficulties and psychological concerns that commonly manifest in children and adolescents. They may also provide referrals, recommendations, and suggestion to parents about mental health of their wards.

### Special needs services:

Counsellors often support the special needs of students and may oversee programs that address requirements or learning difficulties.

### Counselling Procedures:

The HOD will allot 20 Students once admitted into a program to a faculty with allocation priority commencing from professors and onwards. The faculty concerned will be called a counsellor/mentor. One hour per week will be allocated by the departments to enable the counsellors to counsel the students on various aspects. The counsellor will maintain a separate sheet to record student performance and also different kinds of counselling undertaken. Counsellor shall communicate with parents through mail, SMS and also through telephonic conversations. Student's attendance, marks, placement etc. data must inform to parents once in a month. The communication undertaken shall be recorded in a separate register. The following are the various aspects of counselling that the counsellors will address during their interaction.

### Mentoring

1. Counsellor shall counsel the students regularly when the performance of the student is found be unsatisfactory
2. Form a Student-Teacher-Group to share regular updates and events.
3. Form a Parent-Teacher-Association to share regular updates and events.
4. Conduct the feedback on counselling.
5. The counselling data sheet shall be submitted to the principal for verification and approval.
6. At the end of the semester a summary report and recommendations will be sent to Dean Academics Office

## Academic Counselling

1. Counsellor shall acquire backlog data and record the same into the counselling sheets
2. Counsellor will acquire data about the attendance and performance in the internal evaluation and record them into the counselling data sheet.
3. Counsellors shall counsel the students regularly to track the performance of the students
4. The counselling data sheet shall be submitted to the principal for verification and approval.
5. At the end of the semester a summary report will be sent to Dean Academics Office.

## Career Counselling

1. Counsellor has to take SWEAR analysis data in first year.
2. Counsellor shall acquire the data related to performance of the students in all the soft skills and other courses that contributes towards employability/ entrepreneurship/ career advancement the career counselling data sheets.
3. Counsellor will acquire data about the attendance and performance of the students during all the placement drives conducted by KLU and records the same into the counselling sheet.
4. Counsellors shall counsel the students regularly when the performance of the student is found be un-satisfactory.
5. The counselling sheet shall be verified by principal and corrective actions if any will be recommended to the respective departments.
6. At the end of the semester a summary report will be sent to Dean Academics Office.

## Psychological Counselling

1. Counsellor shall acquire data pertaining to psychological status of the students and record the same into the counselling sheets
2. Counsellor will acquire data about the attendance and performance in the internal evaluation and record them into the counselling sheet and see whether the performance is in any way related.
3. Counsellor shall counsel the students regularly when the performance of the student is found to be un-satisfactory
4. Counsellor should identify the need of any therapy required.
5. Once it is identified, the counsellor will arrange the treatment according to the psychological status of the student.
6. Counsellor should maintain the progression level of the student periodically.
7. The counselling sheet shall be verified by principal and corrective actions if any will be recommended to the respective departments.
8. At the end of the semester a summary report will be sent to Dean Academics Office.

HODs have to submit monthly /semester / Academic Year Counselling reports with necessary comments and proofs to Dean Academics office duly signed by concerned Principal/Director.

Visit following link: <https://www.kluniversity.in/site/acadboard.htm>

## Feedback System

At KLEF, monitoring of feedback is a continuous process. Feedback is obtained from students and parents on various aspects. Feedback is taken through personal interaction with students, interaction with parents in addition to mid-semester and end-semester feedback. The institution assesses the learning levels of the students, after admission and organizes special programs for advanced learners and slow learners. Feedback Types: In first year SWEAR analysis is done for every student in such a way

it identifies their interests, pre-existing knowledge, aspects to improve technical and logical skills based on their career choice.

### Feedback Types

The following are the different types of feedback taken at regular intervals:

- (i). Student General Feedback (Twice in a Sem.)
- (ii). Student Satisfaction Survey (Once in a Sem.)
- (iii). Student Exit Feedback (Once in a Year)
- (iv). Academic Peers Feedback on Curriculum (Once in a Sem.)
- (v). Parents Feedback on Curriculum (Once in a Sem.)
- (vi). Alumni Feedback on Curriculum (Once in a Sem.)
- (vii). Industry Personnel Feedback on Curriculum (Once in a Sem.)
- (viii). Student Feedback on Curriculum (Once in a Sem.)
- (ix). Faculty Satisfaction Survey (Once in a Sem.)
- (x). Parent Teacher Association (Once in a Sem.)

### Feedback Procedure:

General Feedback to be taken from the students on the aspects like Course Contents, Teaching Learning Process, Outcomes, Resources and Evaluation twice in every semester (Mid semester and End Semester Feedback) in a structured format floated by dean academics office.

Student Satisfaction Survey (SSS) to all innovative methods and approaches should be recorded at appropriate intervals and the process should be refined based on that. Students should be sensitized on the process and methods and their understanding of the same should be assured.

Exit survey feedback to be taken from the final year students on the aspects like entrance test, admission process, Course Contents, Teaching Learning Process, Outcomes, Resources and Evaluation, placements etc.

Structured feedback for design and review of syllabus – semester wise / year wise is received from Students, Alumni, Peers, Parent, Industry Personnel. Satisfaction Survey to be taken from the existing faculty on Course Contents, Teaching Learning Process, Outcomes, Resources and Evaluation once in every semester in a structured format floated by dean academics office.

Parent Teacher Association (PTA) to develop the potential of parents and to strengthen their relationship with their children through planning and conducting a variety of developmental and recreational activities.

Online Feedback is collected from all the students once at the end of the semester using well designed questionnaire. Informal feedback will be collected in parallel from selected student representatives within 4-5 weeks of commencement of the semester by the Office of Dean Academics.

HODs have to submit monthly /semester / Academic Year Feedback reports with necessary comments and proofs to Dean Academics office duly signed by concerned Principal/Director.

Visit following link: <https://www.kluniversity.in/site/feedsys.htm>

## CHAPTER 12: PROGRAM STRUCTURE

Department of ARTS										
Y23 REGULATION, Admitted Batch Category wise Course Structure										
S. No	Course Code	Course Title	Category	L	T	P	S	Cr	CH	Pre-requisite
1	23UC1101	Integrated Professional English	HAS	0	0	4	0	2	4	NIL
2	22UC1202	English Proficiency	HAS	0	0	4	0	2	4	NIL
3	22UC2204	Corporate Readiness Skills	HAS	0	0	4	0	2	4	NIL
4	22UC1203	Design Thinking and Innovation	HAS	0	0	4	0	2	4	NIL
5	22UC0010	Universal Human Values and Professional Ethics	HAS	2	0	0	0	2	2	NIL
6	22UC2103	Essential Skills for Employability	HAS	0	0	4	0	2	4	NIL
7	23BA1103	Introduction to Public Administration	PC	3	1	0	0	4	4	NIL
8	23BA1206	Administrative Theory	PC	3	1	0	0	4	4	NIL
9	23BA2209	Union Administration	PC	3	1	0	0	4	4	NIL
10	23BA2212	State Administration	PC	3	1	0	0	4	4	NIL
11	23BA3117	Local Governance	PC	3	1	0	0	4	4	NIL
12	23BA3220	Social Problems and Programmes in India	PC	3	1	0	0	4	4	NIL
13	23BA1101	Micro-Economics	PC	4	1	0	0	5	5	NIL
14	23BA1102	Mathematical Methods in Economics	PC	4	1	0	0	5	5	NIL
15	23BA1204	Macro Economics	PC	4	1	0	0	5	5	NIL
16	23BA2207	Basic Econometrics	PC	4	1	0	0	5	5	NIL
17	23BA2208	Economics of Growth and Development	PC	4	1	0	0	5	5	NIL
18	23BA2210	Public Finance	PC	4	1	0	0	5	5	NIL
19	23BA2211	International Economics	PC	4	1	0	0	5	5	NIL
20	23AUBA01	Human Geography of India	AUC	4	0	0	0	0	4	NIL
21	23AUBA02	Institutional and Welfare Mechanism in India	AUC	4	0	0	0	0	4	NIL
22	23AUBA03	Indian Governance and Issues	AUC	4	0	0	0	0	4	NIL
23	23AUBA04	Climatology and Oceanography	AUC	4	0	0	0	0	4	NIL
24	23AUBA05	History and Culture of Andhra Pradesh	AUC	4	0	0	0	0	4	NIL
25	22UC0009	Ecology and Environment	BS	2	0	0	0	0	2	NIL
26	23BA1205	Statistics Methods in Economics	BS	4	1	0	0	5	5	NIL
27	23OEBA01	Internal Security	OE	3	0	0	0	3	3	NIL
28	23OEBA02	International Relations	OE	3	0	0	0	3	3	NIL
29	23BA11T1	Modern Indian Language -Telugu-1	PE	2	0	0	0	2	2	NIL
30	23BA11H1	Modern Indian Language- Hindi-1								NIL
31	23BA12T2	Modern Indian Language -Telugu-2	PE	2	0	0	0	2	2	NIL
32	23BA12H2	Modern Indian Language -Hindi-2								NIL
33	23BA3113	Agricultural Economics	PE	4	1	0	0	5	5	NIL
34	23BA3114	Demography								NIL
35	23BA3115	Industrial Economics	PE	4	1	0	0	5	5	NIL
36	23BA3116	Economics and Law								NIL

37	23BA3216	Indian Economy and Policy	PE	4	1	0	0	5	5	NIL
38	23BA3217	Welfare Economics		NIL						
39	23BA3218	Computer Applications in Economics	PE	4	1	0	0	5	5	NIL
40	23BA3219	Labour Economics		NIL						
41	23SDBA01	Geography of India	SDC	1	0	0	4	2	5	NIL
42	23SDBA02	History of Ancient India	SDC	1	0	0	4	2	5	NIL
43	23SDBA03	Social Geography of India	SDC	1	0	0	4	2	5	NIL
44	23SDBA04	World Physical Geography	SDC	1	0	0	4	2	5	NIL
45	23SDBA05	History of Modern India (1858-1947 C.E)	SDC	1	0	0	4	2	5	NIL
46	23SDBA06	Genral Mental Ability	SDC	1	0	0	4	2	5	NIL
47	23VABA01	Introduction to Indian Polity	VAC	4	0	0	0	0	4	NIL
48	23VABA02	History of Medieval India	VAC	4	0	0	0	0	4	NIL
49	23VABA03	Government and Politics	VAC	4	0	0	0	0	4	NIL
50	23VABA04	Indian History and Culture (1526-1857 CE)	VAC	4	0	0	0	0	4	NIL
51	23VABA05	History of Modern World	VAC	4	0	0	0	0	4	NIL
52	23VABA06	Economic Geography	VAC	4	0	0	0	0	4	NIL
53	22UC0021	SIL1	SIL	0	0	0	4	1	4	NIL
54	22UC0022	SIL 2	SIL	0	0	0	4	1	4	NIL
55	22UC0023	SIL 3	SIL	0	0	0	4	1	4	NIL
56	23BA1207	Summer Internship	SIP	0	0	4	0	2	4	NIL
		<b>GRAND TOTAL</b>		<b>130</b>	<b>18</b>	<b>24</b>	<b>36</b>	<b>123</b>	<b>208</b>	

### List of Advanced Courses

Department of ARTS									
Y23 REGULATION, Admitted Batch Category wise Course Structure									
Course Code	Course Title	Category	L	T	P	S	Cr	CH	Pre-requisite
23BA1101	Micro-Economics	PC	4	1	0	0	5	5	NIL
23BA1102	Mathematical Methods in Economics	PC	4	1	0	0	5	5	NIL
23BA1204	Macro Economics	PC	4	1	0	0	5	5	NIL
23BA2207	Basic Econometrics	PC	4	1	0	0	5	5	NIL
23BA2208	Economics of Growth and Development	PC	4	1	0	0	5	5	NIL
23BA2210	Public Finance	PC	4	1	0	0	5	5	NIL
23BA2211	International Economics	PC	4	1	0	0	5	5	NIL
23BA1205	Statistics Methods in Economics	BS	4	1	0	0	5	5	NIL

## CHAPTER 13: ARTICULATION MATRIX

### Programme Articulation Matrix

PROGRAMME ARTICULATION MATRIX - BSC A&G 2023-24																
Sl No	Course Code	Course Title	1	2	3	4	5	6	7	8	9	10	11	12	PSO1	PSO2
1	23UC1101	Integrated Professional English		2							2	2			2	
2	22UC1202	English Proficiency									2	3			2	
3	22UC2204	Corporate Readiness Skills							2							
4	22UC1203	Design Thinking and Innovation					2	2								
5	22UC0010	Universal Human Values and Professional Ethics	2			2	3					2				
6	22UC2103	Essential Skills for Employability		2	3		2	2								
7	23BA1103	Introduction to Public Administration				2				2		3		3		
8	23BA1206	Administrative Theory	2	3				2							2	
9	23BA2209	Union Administration	2	3	2		3									3
10	23BA2212	State Administration		2	3				3							
11	23BA3117	Local Governance	2	2	2		2									3
12	23BA3220	Social Problems and Programmes in India	2	2	2	3										3
13	23BA1101	Micro-Economics	2	2	3	3										
14	23BA1102	Mathematical Methods in Economics	2	2	2	3	3									
15	23BA1204	Macro Economics	2	2	2	3										
16	23BA2207	Basic Econometrics	2	2	3	3										
17	23BA2208	Economics of Growth and Development	2		2	2			3							
18	23BA2210	Public Finance	2		2	2	2	2	2	3					2	2
19	23BA2211	International Economics		2	2	3										
20	23AUBA01	Human Geography of India							2							
21	23AUBA02	Institutional and Welfare Mechanism in India					3	3								
22	23AUBA03	Indian Governance and Issues	2			2	3					3				
23	23AUBA04	Climatology and Oceanography		2	3		2	2	3	2						
24	23AUBA05	History and Culture of Andhra Pradesh										3		3		
25	22UC0009	Ecology and Environment	2	3				2							2	
26	23BA1205	Statistics Methods in Economics	2	3	2		3									3
27	23OEBA01	Internal Security		2	3				3							
28	23OEBA02	International Relations	2	2	2		2									3
29	23BA11T1	Modern Indian Language -Telugu-1	2	2	2	3					2					

30	23BA11H1	Modern Indian Language- Hindi-1	2	2	3	3												
32	23BA12T2	Modern Indian Language -Telugu-2	2	2	2	3	3											
32	23BA12H2	Modern Indian Language -Hindi-2	2	2	2	3												
33	23BA3113	Agricultural Economics	2	2	3	3												
34	23BA3114	Demography	2		2	2				3								
35	23BA3115	Industrial Economics	2		2	2	2	2	2	3						2	2	
36	23BA3116	Economics and Law		2	2	3												
37	23BA3216	Indian Economy and Policy							2									
38	23BA3217	Welfare Economics					3	3										
39	23BA3218	Computer Applications in Economics	2			2	3					3						
40	23BA3219	Labour Economics		2	3		2	2	3	2								
41	23SDBA01	Geography of India										3		3				
42	23SDBA02	History of Ancient India	2	3				2								2		
43	23SDBA03	Social Geography of India	2	3	2		3											3
45	23SDBA04	World Physical Geography		2	3					3								
46	23SDBA05	History of Modern India (1858-1947 C.E)	2	2	2		2											3
47	23SDBA06	General Mental Ability	2	2	2	3												
48	23VABA01	Introduction to Indian Polity	2		2	2				3								
49	23VABA02	History of Medieval India	2		2	2	2	2	2	3						2	2	
50	23VABA03	Government and Politics		2	2	3												
51	23VABA04	Indian History and Culture (1526-1857 CE)	2	2	2	3												
52	23VABA05	History of Modern World	2	2	2	3												
53	22UC0021	SIL1	2	2	3							3						
54	22UC0022	SIL 2	2	2	2							3						
55	22UC0023	SIL 3	2	2	2	3						3						
56	23BA1207	Summer Internship	2	2	3	3												

### Course Articulation Matrix

S No	Course Code	Course Title	CO	Description of the Course Outcome	Program Outcome										PSO					
					1	2	3	4	5	6	7	8	9	10	1	2	3			
1	23UC1101	Integrated Professional English	CO1	Understand the concepts of grammar to improve communication, reading, and writing skills	1						2						1		1	



		Professional Ethics	CO2	Evaluate coexistence of the “I” with the body.	1				2			1	1		
			CO3	Identify and associate the holistic perception of harmony at all levels of existence.		1		2				1			
			CO4	Develop appropriate technologies and management patterns to create harmony in professional and personal lives.	1			2				1			
6	22UC2103	Essential Skills for Employability	CO1	Developing basic grammar	1			2				1	1		
			CO2	Developing basic grammar		1		2				1		1	
			CO3	Developing Intrapersonal skills			1		2				1		
			CO4	Developing Speaking and Writing Skills	1			2				1	1		
7	23BA1103	Introduction to Public Administration	CO1	The students will be able to understand the nature and scope of macroeconomics and various concepts related to national income.		1		2				1	1	1	
			CO2	The students will be able to understand the consumption and investment functions.	1			2				1		1	
			CO3	The students will be able apply concept of money and banking framework in India.		1		2				1	1		
			CO4	The students will be able to analyse the phenomenon of inflation and business cycle.			1		2			1		1	
8	23BA1206	Administrative Theory	CO1	Understand the basic concepts of Classical and Scientific management approaches	1	2							1	1	
			CO2	Understand the basic concepts of Bureaucratic and human relation theories	1	2				1		2	1	2	
			CO3	Understand the concept of Administrative Behaviors in organisations.		1	2			1					1
			CO4	Understand the concepts of Motivation and Leadership.			1		2			1	2		
9	23BA2209	Union Administration	CO1	Understand the basic concepts of the Indian Administration.		1		2				1	1		
			CO2	Gain basic knowledge in the President- Election, Impeachment, Powers and Position.			1		2			1		1	
			CO3	Gain Knowledge in the concept of Union Administration	1			2			1	1			
			CO4	Acquire Knowledge Administrative Reforms and Innovations in India			1		2			1	1		

10	23BA2212	State Administration	CO1	Understand the basic concepts of the Indian Administration.	1					2				1		1			
			CO2	Gain basic knowledge in the President-Election, Impeachment, Powers and Position.		1					2				1	1			
			CO3	Gain Knowledge in the concept of Union Administration			1				2				1		1		
			CO4	Acquire Knowledge Administrative Reforms and Innovations in India			1				2				1	1			
11	23BA3117	Local Governance	CO1	The students will be able to get knowledge developments process in India	1					2				1	1				
			CO2	The students will observe the NGO, SHGS and various groups			1				2				1		1		
			CO3	The students will understand role of charitable trust association and donors				1				2				1	1		
			CO4	Students will people will get the information of Role of Institutional and other stakeholders	1							2				1		1	
12	23BA3220	Social Problems and Programmes in India	CO1	Understand the basic Problems of Indian Society						2				1					
			CO2	Understand the various organisations working women and their development in society				1			2				1	1			
			CO3	Understand problems of Vulnerable Sections in India	1							2				1		1	
			CO4	Understand the Welfare programmes for Elderly and Children.				1				2				1	1		
13	23BA1101	Micro-Economics	CO1	To understand the nature, scope, and subject matter of economics and microeconomics.										1		1			
			CO2	To understand the concepts of supply, production, and cost.					1			2			1	1			
			CO3	Apply the firm's behavior in different market structure and its role in determining those structures.	1								2			1		1	
			CO4	Analyze the factor pricing in the economy and also know theories of factor pricing.					1				2			1	1		
14	23BA1102	Mathematical methods in Economics	CO1	Explore the knowledge relating to the calculation of simple correlation and regression models and their assumptions and limitations.	1									1		1			

			CO2	Learn the calculation of partial and multiple correlation coefficients and fitting the multiple regression equation.		1			2				1	1		
			CO3	The students will be able to Distinguish between sampling methods and population survey method and study the random and non-random sampling methods.			1		2				1		1	
			CO4	The students will be able to analyse the data by using correlation and regression.	1				2				1		1	
15	23BA1204	Macro Economics	CO1	The students will be able to understand the nature and scope of macroeconomics and various concepts related to national income.			1	2	2				1		1	
			CO2	The students will be able to understand the consumption and investment functions.	1			2					1		1	
			CO3	The students will be able apply concept of money and banking framework in India.		1			2				1		1	
			CO4	The students will be able to analyse the phenomenon of inflation and business cycle.			1		2				1		1	
16	23BA2207	Basic Econometrics	CO1	Students will able to understand the core concepts and techniques in econometrics		1			2				1		1	
			CO2	Students will be able to understand as well as apply the linear regression model.			1		2				1		1	
			CO3	The students will be able to have In-depth understanding and application of simple as well as multiple linear regression models.	1				2				1		1	
			CO4	The students will be able to analyse the data by using correlation and regression.	1				2				1			
		Economics of Growth and Development	CO1	The students will be able to evaluate the fundamental economic concepts and theories of developmental economics.			1		2				1		1	
			CO2	Analyze the developmental approaches, policies, and the issues related to the developmental problems that the world community faces in day-to-day life.	1				2				1		1	



			CO4	To make understand the different features of rural settlement	1					2			1	1	
21	23AUBA02	Institutional and Welfare Mechanism in India	CO1	Understand about the Introduction to Various Welfare schemes		1				2			1	1	
			CO2	Understand the concept of Welfare schemes for vulnerable sections of the population by the Centre and States	1					2			1	1	
			CO3	Get the knowledge about Mechanisms, laws, institutions, and Bodies		1					2			1	1
			CO4	To enumerate the concept of Health, Education, Human Resources			1				2			1	1
22	23AUBA03	Indian Governance and Issues	CO1	Understand the basic concepts of Federal System of India	1					2			1	1	
			CO2	Gain the basic knowledge Structure, organization and functioning of the Executive and the Judiciary Ministries and Departments of the Government		1				2			1	1	
			CO3	Gain Knowledge in the concept of Salient features of the Representation of People's Act.		1								1	1
			CO4	Acquire Knowledge in Government policies and interventions			1				2			1	1
23	23AUBA04	Climatology and Oceanography	CO1	The students will be able to understand the Atmospheric structure	1					2			1	1	
			CO2	Gain basic knowledge in Monsoon Mechanism and cyclones.			1			2			1	1	
			CO3	Gain Knowledge in the concept of Physical and chemical properties of ocean water	1						2			1	1
			CO4	Acquire Knowledge in the Formation, classification, and threats of coral reefs and marine resources		1				2				1	1
24	23AUBA05	History and Culture of Andhra Pradesh	CO1	To understand the brief social, economic and cultural history of Andhra Pradesh.			1			2			1	1	
			CO2	The student will get the knowledge about Social Reform Role of Christian Missionaries in Andhra Pradesh.			1			2			1	1	
			CO3	Gain Knowledge in the concept of History of Andhra Pradesh	1						2			1	1

			CO4	Acquire Knowledge of prominent leaders leading to formation of Andhra State.		1				2				1	1				
25		Ecology and Environment	CO1	Understand the basic concepts of the Environment	1					2				1	1				
			CO2	Gain basic knowledge about the depletion of Natural Resources		1				2					1	1			
			CO3	Gain Knowledge in the concept of Ecology			1			2					1		1		
			CO4	Acquire Knowledge of the environmental pollution types, effects and Measures.			1			2					1	1			
26	22UC0009	Statistics Methods in Economics	CO1	Explore the knowledge relating to the calculation of simple correlation and regression models and their assumptions and limitations.			1			2				1	1				
			CO2	Learn the calculation of partial and multiple correlation coefficients and fitting the multiple regression equation.	1					2					1		1		
			CO3	The students will be able to Distinguish between sampling methods and population survey method and study the random and non-random sampling methods.			1				2					1	1		
			CO4	The students will be able to analyse the data by using cor Basic Econometrics relation and regression.	1						2					1		1	
27	23OEBA01	Internal Security	CO1	Students will be able to understand the Internal security	1					2				1		1			
			CO2	To get the knowledge about the Left-wing extremism and links		1				2					1	1			
			CO3	To gain Knowledge the Security forces and their mandate.			1				2					1		1	
			CO4	Acquire Knowledge about the Cyber Security	1							2				1	1		
28	23OEBA02	International Relations	CO1	Understand the basic concepts of International Relations	1					2				1	1				
			CO2	Gain basic knowledge in the subject							2								
			CO3	Gain Knowledge in the foreign policies			1					2				1	1		
			CO4	Acquire Knowledge in the subject	1							2				1		1	
29			CO1	Understand the concepts of Telugu Literature	1					2				1		1			

	23BA11T1	Modern Indian Language Telugu-1	CO2	Demonstrate required knowledge over Telugu Poetry and reading skills.	1											1	1				
			CO3	Apply the varieties of reading and comprehend the tone and style of the author. Skim and scan effectively and appreciate rhetorical devices	1											1	1				
			CO4	Analyze the concepts of writing to draft corporate letters, emails, and memos	1											1	1				
30	23BA11H1	Modern Indian Language Hindi-1	CO1	Understand the concepts of Hindi language.												1	1				
			CO2	Demonstrate required knowledge on Reading and Speaking skills.	1												1	1			
			CO3	Apply the varieties of reading and comprehend the tone and style of the author. Skim and scan effectively and appreciate rhetorical devices															1	1	
			CO4	Analyze the concepts of writing to draft corporate letters, emails, and memos	1														1	1	
31	23BA12T2	Modern Indian Language - Telugu-2	CO1	Understand the concepts of Telugu Literature													1	1			
			CO2	Demonstrate required knowledge over Telugu Poetry and reading skills.															1	1	
			CO3	Understand the varieties of reading and comprehend the tone and style of the author. Skim and scan effectively and appreciate rhetorical devices																1	1
			CO4	Apply the concepts of writing to draft corporate letters, emails, and memos	1															1	1
32	23BA12H2	Modern Indian Language Hindi-2	CO1	Understand the concepts Hindi Language.													1	1			
			CO2	Demonstrate required knowledge over Mai haar tayi, Bhukha Hadtal, Usne Kaha tha Sentence/Hindi Communication Language	1														1	1	
			CO3	Understand the varieties of reading and comprehend the tone and style of the author.																1	1
			CO4	Apply the concepts of writing to draft corporate letters, emails, and memos																1	1

33	23BA3113	Agricultural Economics	CO1	Highlight interdependence between agriculture and industry and the rest of the economy with empirical evidences and theoretical models.			1		2			1	1			
			CO2	Students will be able to Identify the extent of diversification of rural activities and related issues and problems in the country.	1				2			1		1		
			CO3	Students will be able to acquire skill of estimation of farm budgeting, revenue, resource use efficiency in agriculture		1				2			1		1	
			CO4	The students will be able to analyse the agriculture production and productivity.			1		2			1			1	
34	23BA3114	Demography	CO1	The students will be able to have clarity on the various measures of demographic variations			1					1	1			
			CO2	understanding of the theories of Population and development.	1				2			1		1		
			CO3	The students will be able to analyse the Demographic trends and effects of sex and age structure,		1				2			1		1	
			CO4	The students will be able to analyse the Demographic trends and economic and social implications	1					2			1			1
35	23BA3115	Industrial Economics	CO1	It describes the industrialization in India since independence.		1			2			1	1			
			CO2	Students will be able to familiarize students with financial institutions financing industries.			1		2			1			1	
			CO3	Students will be able to examine different industrial policies and issues in India.	1						2		1		1	
			CO4	The students will be able to analyse the Industrial economic concentration and remedial measures in India.			1			2			1			1
			CO1	The students will be able to Justify the position of women's studies and its development, and identify social construction of gender in the context of gender role and its development.	1				2			1		1		
			CO2	Students will be able to describes economic analysis of law relating		1				2			1			1

36	23BA3116	Economics and Law		to consumer activities both national and international aspects																										
			CO3	Students will be able to describes economic analysis of law relating to business organization both national and international aspects.																		1	1							
			CO4	The students will be able to familiarize students with different types of economic offence and punishment.																				1	1					
37	23BA3216	Indian Economy and Policy	CO1	The students will be understanding the basic characteristics of Indian economy.	1																			1	1					
			CO2	The students will be able to understand the role of the agricultural sector in economic development.																							1	1		
			CO3	Examine a comprehensive understanding of the current issues influencing economic development of India.	1																							1	1	
			CO4	Interpret the role and impact of foreign trade and investment in Indian economy.																								1	1	
38	23BA3217	Welfare Economics	CO1	Describes different theories on aggregate welfare and optimum resource allocation.																						1	1			
			CO2	Student will be Familiarize with consumer surplus,	1																							1	1	
			CO3	Student will be Familiarize with concepts pareto optimality and contract curve.																									1	1
			CO4	Analyze the compensation criteria and the divergence between private and social cost.	1																								1	1
39	23BA3218	Computer Applications in Economics	CO1	The students will be able to have a basic understanding of personal computers and their operations.																							1	1		
			CO2	The students will be able to know the various software and hardware, various security issues.																									1	1
			CO3	The students will be able to apply the Statistical Processing Techniques and Methods																									1	1
			CO4	familiarize students with complete fundamentals and the	1																								1	1

				packages commonly used in computing software.																						
40	23BA3219	Labour Economics	CO1	The students will know the nature and characteristics of labour market in developing country.	1													1	1							
			CO2	The students will be able to know about the existence of poverty and unemployment in the country.	1															1	1					
			CO3	The students will be able to familiarized with employment policy	1																1	1				
			CO4	The students will be able to analyse the wage determination, labour union movement and labour legislation			1															1	1			
41	23SDBA01	Geography of India	CO1	To understand the concepts of Location and extension of India.	1															1	1					
			CO2	Understand the basic concepts of Physiographic Structure of India			1															1	1			
			CO3	Apply the various concepts of Economic activity of India.	1																		1	1		
			CO4	Analyse the composition, nature and structure of the earth's atmosphere			1																	1	1	
42	23BA1105	History of Ancient India	CO1	To acquire knowledge of socio-political conditions of the ancient history of India																		1	1			
			CO2	To understand how agriculture evolved in India				1																1	1	
			CO3	Understand how political and administrative systems developed in India	1																				1	1
			CO4	Understand the development of architecture, science, art and literature during the ancient period				1																	1	1
43	23SDBA03	Social Geography of India	CO1	To understand the importance of studying Indian Geography and what are the various components of Indian Geography.	1																		1	1		
			CO2	To understand how Indian Geography evolved through different stages.				1																	1	1
			CO3	To understand how Indian Geography is helping the present society in various to develop further.					1																1	1

			CO4	To understand the development of industries, agriculture, transportation and communication.	1					2				1	1				
44	23SDBA04	World Physical Geography	CO1	To understand the fundamental concepts of spatial interaction and diffusion, which explain how human activities are influenced by the concept of distance			1			2				1	1				
			CO2	To make the students understand the basic concepts of landforms as well as geomorphology	1					2					1	1			
			CO3	To understand the atmosphere and climate are a critical part of the earth system, and climatic variability and change are central to the issue of current and future global environmental change.			1				2					1	1		
			CO4	To make understand the physical principles and processes governing the circulation and characteristics of oceanography	1					2						1	1		
45	23SDBA05	History of Modern India (1858-1947 C.E)	CO1	Understand the background and the need for the social reform movements in India in the nineteenth century			1			2				1	1				
			CO2	Understand the reasons for the rise of nationalism in India during the nineteenth century				1			2				1	1			
			CO3	Know about the role of Gandhi in the movement for Indian independence	1						2					1	1		
			CO4	Understand the process by which India achieved independence and also getting to know why partition occurred				1				2				1	1		
46	23SDBA06	General Mental Ability	CO1	Understand the basic concepts of Mental Ability	1					2				1	1				
			CO2	Gain the basic knowledge in the logical connections between words and concepts to deduce crucial dat			1								1	1			
			CO3	Gain Knowledge in the concept of Party system in india.				1			2					1	1		
			CO4	Acquire Knowledge tabular/graphical format, think laterally				1				2				1	1		
47	23VABA01	Introduction to Indian Polity	CO1	Understand the basic concepts of Indian Constitution	1					2				1	1				
			CO2	Gain the basic knowledge in the election commission, electoral			1				2				1	1			

				process and its defects and voting behavior, electoral reform.																	
			CO3	Gain Knowledge in the concept of Party system in india.	1				2					1				1			
			CO4	Acquire Knowledge in Politics of Reservation, Evaluation of Rural and Urban Governance		1								1				1			
48	23VABA02	History of Medieval India	CO1	To acquire knowledge of socio-political conditions of early medieval history of India			1		2					1				1			
			CO2	Provide deep analysis of socio-political conditions of the Delhi Sultanate Period	1				2						1			1			
			CO3	To acquire knowledge of socio-political conditions of Mughal Period				1			2					1			1		
			CO4	To gain knowledge of socio-religious movements in Medieval India	1					2						1				1	
49	23VABA03	Government and Politics	CO1	Understand the Issues relating to development and management of Social Sector/Services.		1			2					1				1			
			CO2	Understand the Important aspects of governance, transparency and accountability			1			2					1				1		
			CO3	Know about the role of e-governance- applications, models, successes				1			2					1			1		
			CO4	Understand the process Implementation of E-governance	1						2					1				1	
50	23VABA04	Indian History and Culture (1526-1857 CE)	CO1	To understand the brief social, economic and cultural history of Andhra Pradesh.		1			2					1				1			
			CO2	The student will get the knowledge about Social Reform Role of Christian Missionaries in Andhra Pradesh.	1					2					1				1		
			CO3	Gain Knowledge in the concept of History of Andhra Pradesh		1					2					1			1		
			CO4	Acquire Knowledge of prominent leaders leading to formation of Andhra State.			1				2					1				1	
51	23VABA05	History of Modern World	CO1	Understand about the rise of Europe and the modern Nation-State from the time of the Renaissance onwards	1				2					1				1			
			CO2	Understand how the Scientific Revolution and the Voyages of Discovery led to European			1			2					1				1		

			Colonialism in Asia, Africa and the Americas																		
			CO3 Understand how the rise of Germany, Italy and Japan led to World War I and World War II	1				2					1					1			
			CO4 Understand the rise of the United Nations and the Cold War as well as decolonization of Asia and Africa		1			2					1	1							
52	23VABA06	Economic Geography	CO1 The main approach and introduction to Economic Geography			1		2					1					1			
			CO2 To get the knowledge about the Plan of Action in project work			1		2						1	1						
			CO3 Gain Knowledge the methodology of project work.	1				2							1					1	
			CO4 Acquire Knowledge about the Data Analysis, Findings and Policy Suggestions from the project work.		1			2							1	1					
53	22UC0021	SIL1																			
54	22UC0022	SIL 2																			
55	22UC0023	SIL 3																			
56	23BA1207	Summer Internship																			

## CHAPTER 14: SYLLABUS

### INTEGRATED PROFESSIONAL ENGLISH (IPE)

COURSE CODE	23UC1101	MODE	Regular	LTPS	0-0-4-0	PRE-REQUISITE	NIL
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#### Course Outcomes

CO#	CO Description	BTL	PO Mapping
CO1	Understanding the language Mechanics in Basic Grammar & Interactive Listening & Speaking	2	PO9 & PO10 PSO 1
CO2	Applying Integrated Reading skills & Techniques of Writing	3	PO9 & PO10 PSO 1

#### Syllabus

Module 1	A. Discuss people you admire (review of tenses, Character adjectives) Discuss a challenge questions). B. Discuss a challenge (Questions, Trying and succeeding) C. Explain what to do and check understanding (Rapid Speech) D. Give advice on avoiding danger (Future time clauses and conditionals) Breaking off a conversation, Explaining and checking understanding. E. Discuss dangerous situations (Narrative tenses, Expressions with 'get') F. Give and respond to compliments (Intonation in Question Tags, Agreeing using question tags; giving compliments and responding)
Module 2	Discuss ability and achievement (Multi-word verbs, Ability and achievement) Discuss sports activities and issues (present perfect and present perfect continuous, words connected with sports). C. Make careful suggestions (Keeping to the topic of the conversation; Making careful suggestions) D. Discuss events that changed your life (used to and would, cause and result)
Module 3	A. Discuss choices, discuss changes (infinitives and ing forms, the passive) B. Introduce requests and say you are grateful (Consonant sounds) C. Discuss living in cities (too / enough; so / such, Describing life in cities) D. Discuss changes to a home (Causative have / get Film and TV; Houses) E. Imagine how things could be (Stress in compound nouns) F. Discuss personal finance (First and second conditionals)
Module 4	A. Discuss moral dilemmas and crime (Third conditional; should have + past participle), Stressed and unstressed words; Sound and spelling B. Discuss new inventions (Relative clauses), Discuss people's lives and achievements Reported speech; Reporting verbs, verbs describing thought and knowledge. C. Express uncertainty (Linking and intrusion, Clarifying a misunderstanding) D. Speculate about the past (Past modals of deduction Adjectives with prefixes) E. Discuss life achievements (Wishes and regrets, Verbs of effort) F. Describe how you felt (Consonant clusters, describing how you felt; Interrupting and announcing news)

#### Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	EMPOWER	Andrian Doff, Craig Thaine, Herbert Puchta, Jeff Stranks, Peter Lewis-Jones	Cambridge University Press	2022

2	PRACTICAL ENGLISH USAGE, 4TH EDN: Michael Swan's guide to problems in English (Practical English Usage, 4th edition)	Michael Swan	OXFORD	2022
3	Word Power Made Easy	Norman Lewis	OXFORD	2022

Global Certifications:

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1	Linguaskills	Cambridge University	y	Online	Cambridge University	<a href="https://www.cambridgeenglish.org/exams-and-tests/linguaskill/">https://www.cambridgeenglish.org/exams-and-tests/linguaskill/</a>
2						

Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1	Padlet		OPEN SOURCE
2	Lexipedia		OPEN SOURCE

Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	15	25
	Home Assignment	10	
In-Sem Summative	Sem in 1	17.5	35
	Sem in 2	17.5	
End-Sem Summative	End Sem Exam	40	40
Total			100

ENGLISH PROFICIENCY (EP)

COURSE CODE	22UC1202	MODE	R	LTPS	0-0-4-0	PRE-REQUISITE	NIL
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Course Outcomes

CO#	CO Description	BTL	PO Mapping
CO1	Demonstrating different interpersonal skills for employability.	2	PO9, 10 PSO 1
CO2	Distinguishing Business essential skills	2	PO9,10, PSO 1
CO3	Classifying social media and corporate communication skills.	3	PSO2, PO4
CO4	Applying analytical thinking skills.	4	PSO1, PO7

#### Syllabus

Module 1	300 Word list (25 per week for 12 weeks), Voice & Error Identification, Reported Speech & Error Identification.
Module 2	Error Identification (Overall), Phrases & Clauses, Simple, Complex, & Compound Sentences & Error Identification.
Module 3	Active Listening Skills & Note-taking, Self-confidence, Self-Awareness, Self-Control, SWOC, Speed Reading Test,
Module 4	Word Perception-Quick horizontal eye movement (spelling), Vertical Reading & Word Perception-Semantic

#### Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	Empower 3rd Edition	Andrian Doff, Craig Thaine, Herbert Puchta, Jeff Stranks, Peter Lewis-Jones	Cambridge	2022
2	The Cambridge Guide to English Usage	Pam Peters	Cambridge	2020
3	Academic English	Letty Chan	Hong Kong : Hong Kong University Press ; London : Eurospan distributor	2021

#### Global Certifications:

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1	Lingua Skills Business	Cambridge university	y	online	Cambridge university	<a href="https://www.cambridgeenglish.org/exams-and-tests/linguaskill/information-about-the-test/test-formats-and-task-types/">https://www.cambridgeenglish.org/exams-and-tests/linguaskill/information-about-the-test/test-formats-and-task-types/</a>
2						

#### Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1	padlet		Open source
2	lexipedia		Open source

#### Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	15	25
	Home Assignment	10	

In-Sem Summative	Sem in 1	17.5	35
	Sem in 2	17.5	
End-Sem Summative	End Sem Exam	40	40
			100

### Corporate Readiness Skill (CRS)

COURSE CODE	22UC2204	MODE		LTPS	0-0-4-0	PRE-REQUISITE	Nil
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### Course Outcomes

CO#	CO Description	BTL	PO Mapping
CO1	Extend word power for developing effective speaking and writingskills	3	PO7, PO10, PSO3
CO2	Apply Interpersonal Skills in day-to-day life	3	PO5, PO6, PSO3
CO3	Differentiate and enhance critical and general reading skills	3	PO7, PO10, PSO4
CO4	Demonstrate necessary skills to be employable	3	PO5, PO8, PSO6

### Syllabus:

Module 1	Verbal Ability: Synonyms and Antonyms, Sentence Completion, Idioms & Phrases, One Word Substitutes, Analogies, Spellings, Selecting words, Sentence Formation
Module 2	Life Skills: Goal Setting, Team Building, Leadership, Time Management, Managing Stress, Work Ethics
Module 3	Reading Skills: Reading Comprehension and Types of Questions and Critical Reading
Module 4	Employability Skills: Empathy, Assertiveness, Group Discussion, CV, Video Resume and Interview Skills

### Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	The 7 Habits of Highly Effective College Students: Succeeding in College...and in Life	Covey, Stephen R.	Franklin Covey	2014
2	The Complete Guide to Mastering Soft Skills for Workplace Success	Adams, John	Adams Media	2019
3	Objective English for Competitive Examination	Hari Mohan Prasad, Uma Sinha	McGraw Hill Education	2017
4	The Business Student's Handbook: Skills for Study and Employment	Fisher, Julie and Bailey, Peter	Cengage Learning	2017
5	Writing Tools: 55 Essential Strategies for Every Writer	Roy Peter Clark	Little, Brown and Company	2006

## Global Certifications:

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1	NA	LINGUA SKILLS	Y	ONLINE	CAMBRIDGE UNIVERSITY	<a href="https://www.cambridgeenglish.org/exams-and-tests/qualifications/business/">https://www.cambridgeenglish.org/exams-and-tests/qualifications/business/</a>
2	NA	IELTS	Y	ONLINE	BRITISH COUNCIL	<a href="https://www.britishcouncil.in/teach/teacher-training/masterclass-ielts-trainers">https://www.britishcouncil.in/teach/teacher-training/masterclass-ielts-trainers</a>

## Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1	LINGUA SKILLS INTERMEDIATE	CAMBRIDGE UNIVERSITY	<a href="https://www.cambridgeenglish.org/exams-and-tests/qualifications/business/">https://www.cambridgeenglish.org/exams-and-tests/qualifications/business/</a>
2	LINGUA SKILLS VANTAGE	CAMBRIDGE UNIVERSITY	<a href="https://www.cambridgeenglish.org/exams-and-tests/qualifications/business/">https://www.cambridgeenglish.org/exams-and-tests/qualifications/business/</a>

## Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	Lab Weekly Exercise/ Continuous Evaluation	12	24
	Project Continuous Evaluation	12	
In-Sem Summative	Semester in Exam-I	18	36
	Semester in Exam-II	18	
End-Sem Summative	Viva	10	40
	Exercise	25	
	Report	5	
			100

## Design Thinking and Innovation (DTI)

COURSE CODE	22UC1203	MODE		LTPS	2-0-0-0	PRE-REQUISITE	Nil
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## Course Outcomes

CO#	CO Description	BTL	PO/PSO Mapping
CO1	Understand the importance of Design thinking mindset for identifying contextualized problems	2	PO2, PO6
CO2	Analyze the problem statement by empathizing with user	4	PO3, PO7
CO3	Develop ideation and test the prototypes made	3	PO5, PO7

CO4	Explore the fundamentals of entrepreneurship skills for transforming the challenge into an opportunity	2	PO5, PO8
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Syllabus

Module 1	Overview of Design Thinking: Define Design Thinking, Differentiate Design Thinking from Design, Get an Overview of the Design Thinking Process, Empathize and Understand: Explain how empathy influences the outcomes of Design Thinking, List Different Empathy Research Techniques, Define the Guidelines for an Empathetic Research,
Module 2	Defining Needs: Explain how PoV can be used in defining the design problem, Use a structured approach to arrive at a PoV,
Module 3	Ideation for Solutions: List the best practices for conducting a success fulideating session, Describe the techniques for evaluating and prioritizing ideas, Prototyping: Define prototyping, Explain how prototyping aids in communicating ideas effectively, List various tools for prototyping,
Module 4	Testing the Solution: Define the steps of a successful testing approach, Demonstrate the process of gathering and responding to user feedback

Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	Design Thinking in Classroom	David Lee	Ulysses Press	2018
2	The Art of Innovation Lessons in Creativity from IDEO	Tom Kelley	IDEO	2001
3	The Design Thinking <i>Play Book</i>	Michael Lewrick, Patrick Link & Larry Leifer	Wiley Press	2018
4	Change by Design: How Design Thinking Transforms Organizations and Inspires Innovation	Tim Brown	Harper Business	2009
5	Unmukt-Science and Art of Design Thinking	Arun Jain	Arun Jain and School of Design Thinking	2019

Global Certifications:

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1	Certified Design Thinking Professional (CDTP)	Global innovative Institute	Y	Written	Global innovative Institute	<a href="https://www.gini.org/cdtp">https://www.gini.org/cdtp</a>
2	Design Thinking for Innovation	University of Virginia	Y	Online	Coursera	<a href="https://www.coursera.org/learn/uva-darden-design-thinking-innovation">https://www.coursera.org/learn/uva-darden-design-thinking-innovation</a>
3	IBM Enterprise Design thinking	IBM	N	Online	IBM	<a href="https://www.ibm.com/design/thinking/page/courses/Practitioner">https://www.ibm.com/design/thinking/page/courses/Practitioner</a>

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Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1	NA		

Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	15	25
	Home Assignment	10	
In-Sem Summative	Sem in 1	17.5	35
	Sem in 2	17.5	
End-Sem Summative	End Sem Exam	40	40
			100

UNIVERSAL HUMAN VALUES AND PROFESSIONAL ETHICS (UHV&PE)

COURSE CODE	22UC0010	MODE	Offline	LTPS	2-0-0-0	PRE-REQUISITE	NIL
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Course Outcomes

CO#	CO Description	BTL	PO Mapping
CO1	Understand and analyse the essentials of human values and skills, self exploration, happiness and prosperity.	2	PO1
CO2	Evaluate coexistence of the "I" with the body.	3	PO4
CO3	Identify and associate the holistic perception of harmony at all levels of existence.	4	PO5
CO4	Develop appropriate technologies and management patterns to create harmony in professional and personal lives.	4	PO10

Syllabus

Module 1	Introduction to Value Education: Understanding Value Education, Self-exploration as the Process for Value Education, Continuous Happiness and Prosperity - The Basic Human Aspirations, Right Understanding, Relationship and Physical Facilities, Happiness and Prosperity – Current Scenario, Method to fulfil the Basic Human Aspirations.
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Module 2	Harmony in the Human Being: Understanding the Human Being as Co-existence of Self ('I') and Body, Discriminating between the Needs of the Self and the Body, The Body as an Instrument of 'I', Understand Harmony in the Self ('I'), Harmony of the Self ('I') with the Body, Program to Ensure Sanyam and Svasthya.
Module 3	Harmony in the Family and Society: Harmony in the Family - the Basic Unit of Human Interaction, Values in Human-to-Human Relationships, 'Trust' – the Foundational Value in Relationships, 'Respect' – as the Right Evaluation, Understand Harmony in the Society, Vision for the Universal Human Order.
Module 4	Harmony in the Nature (Existence): Understand Harmony in the Nature, Interconnectedness, Self-regulation and Mutual Fulfillment among the Four Orders of Nature, Realizing 'Existence is Co-existence' at All Levels, The Holistic Perception of Harmony in Existence. Implications of the Right Understanding – a Look at Professional Ethics: Natural Acceptance of Human Values, Definitiveness of (Ethical) Human Conduct, A Basis for Humanistic Education, Humanistic Constitution and Universal Human Order, Competence in Professional Ethics, Holistic Technologies, Production Systems and Management Models - Typical Case Studies, Strategies for Transition towards Value-based Life and Profession.

Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	A FOUNDATION COERSE IN HUMAN VALUES & PROFESSIONAL ETHICS	R.R. Gaur, R. Sangal, G.P. Bagaria	Excel Books, New Delhi	1996
2	UNIVERSAL HUMAN VALUES AND PROFESSIONAL ETHICS	Dr. ARCHANA CHAUDHARY	Book Rivers	2001
3	UNIVERSAL HUMAN VALUES AND PROFESSIONAL ETHICS	Dr. Ritu Soryan	katson print	2001
4	HUMAN VALUES AND PROFESSIONAL ETHICS	B.S.Raghavan	S. Chand	2004

Global Certifications:

Mapped Global Certifications:						
Sl No	Titl e	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1		AICTE	Yes	Online	AICTE	<a href="https://www.uhv.org.in/">https://www.uhv.org.in/</a>
2						

Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1			
2			

Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	15	25
	Home Assignment	10	
In-Sem Summative	Sem in 1	17.5	35
	Sem in 2	17.5	
End-Sem Summative	End Sem Exam	40	40

ESSENTIAL SKILLS FOR EMPLOYABILITY (ESE)

COURSE CODE	22UC2103	MODE	R	LTPS	0040	PRE-REQUISITE	NIL
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Course Outcomes

CO#	CO Description	BTL	PO Mapping
CO1	Develop basic grammar and practice functional grammar	3	PO9, PO10, PSO1
CO2	Develop intrapersonal skills and develop speaking, writing skills	3	PO5, PO6, PSO1

Syllabus:

Module 1	Introduction to Tenses: Tenses, voice, Reported Speech, Spotting errors, sentence improvement
Module 2	Sentence improvement, sentence rearrangement, Cloze Test, Passage Completion, E-mail writing, Paragraph Writing, Essay Writing
Module 3	SWOC Analysis, Self-Awareness, Attitude and Self-Confidence, Grooming and Etiquette, Interpersonal and Intrapersonal skills, Speaking from script
Module 4	JAM and extempore, Product and Process Description, Product and Process Description – Extempore, Transactional Analysis, Persuasion, Negotiation

Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	Soft Skills	Dr. Alex	S. Chand	2009
2	Objective English	Showarick Thrope	Pearson	2013

Global Certifications:

Mapped Global Certifications:
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Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1	Lingua Skills Business	Cambridge University	Y	Online	Cambridge university	<a href="https://www.cambridgeenglish.org/exams-and-tests/linguaskill/information-about-the-test/test-formats-and-task-types/">https://www.cambridgeenglish.org/exams-and-tests/linguaskill/information-about-the-test/test-formats-and-task-types/</a>
2	Employability skills	Cambridge University	Y	Online	Cambridge University	<a href="https://www.cambridge.org/cambridgeenglish/catalog/adult-courses/employability-skills">https://www.cambridge.org/cambridgeenglish/catalog/adult-courses/employability-skills</a>

Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1	Padlet	NA	Open Source
2	Lexipedia	NA	Open Source

Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	Quiz	12.5	25
	Lab continuous evaluation	12.5	
In-Sem Summative	Semester In Exam-1	17.5	35
	Semester In Exam-2	17.5	
End-Sem Summative	End Semester Online MCQ	40	40
Total			100

Ecology & Environment (EE)

COURSE CODE	22UC0009	MODE	General	LTPS	2-0-0-0	PRE-REQUISITE	NIL
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Course Outcomes

CO#	CO Description	BTL	PO Mapping
CO1	Understand the importance of Environmental education and conservation of natural resources. conservation of natural resources and Energy resources.	2	PO 7
CO2	Understand concepts of ecosystems and learn methods for conservation of habitats and biodiversity.	2	PO 7
CO3	Identify critically about individual roles in prevention of pollution. An Environmental Studies will be enabled to do independent research on human interactions with the environment.	2	PO 7

CO4	Recognize the knowledge on environmental legislation, disaster management and EIA process.	2	PO 6
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Syllabus

Module 1	The Multidisciplinary nature of Environmental Studies: Introduction to Environment: Definition – scope – importance –Multidisciplinary nature of Environmental Studies, Need for public awareness. Institutions and people in Environment. Natural Resources: Renewable and Non-Renewable Resources: Forest resources: Uses –Deforestation– causes, effects and impacts, Afforestation Programmes-Socio-forestry, Agro-forestry, Vanasamrakshana programmes, Mining its impact on environment: mining, dams and their effects on forests and tribal people. . Water resources: Distribution of surface and ground water, Aquifers, – floods – drought – conflicts over water, dams - benefits and problems, Water conservation – rainwater harvesting – watershed management, Cloud seeding Mineral resources: Use – exploitation – environmental effects –. Food resources: Changes in agricultural methodologies, comparison between old and new methods of farming, Green Revolution, Environmental Impact Assessment of conversion of agricultural lands– effects of modern agriculture, Drip Irrigation – fertilizer-pesticide problems, Eutrophication, Vermicompost – waterlogging, Blue baby syndrome – Energy resources: Growing energy needs – renewable and non-renewable energy sources – Solar, wind, geothermal, tidal, bio energies . Land resources: Land as a resource – land degradation-. Soil erosion: Importance of soil, Types of soil erosion, Causes and effects of soil erosion. How to control soil erosion. Role of an individual in conservation of natural resources
Module 2	Ecosystems: Concept of an ecosystem: Structure and function of an ecosystem - Producers – consumers – decomposers with examples, Energy flow in the ecosystem – Ecological succession– Food chains – food webs and ecological pyramids. Types of ecosystems. characteristic features, structure and function of the following ecosystem a Forest ecosystem b. Grassland ecosystem c. Desert ecosystem e. Aquatic ecosystem (ponds, streams, lakes, rivers, oceans, estuaries). Biodiversity and its Conservation: Introduction – Introduction — Definition: genetic, species and ecosystem diversity. • Biogeographical classification of India • Value of biodiversity: consumptive use, productive use, social, ethical, aesthetic and option values Biodiversity at global, National, and local levels • India as a mega-diversity nation • Hotspots of biodiversity. • Threats to biodiversity: habitat loss, poaching of wildlife, man- wildlife conflicts. • Endangered and endemic species of India • Conservation of biodiversity: In-situ and Ex-situ conservation of biodiversity.
Module 3	Environmental Pollution: Definition •Causes, effects and control measures of - a. Air pollution b. Water pollution c. Soil pollution d. Marine pollution. e. Noise pollution f. Thermal pollution g. Nuclear hazards • Solid waste Management Causes, effects and control measures of urban and industrial wastes. • Role of an individual in prevention of pollution. Pollution case studies. • Diaster management floods, earthquake, cyclone and landslides. Social Issues and the Environment • From Unsustainable to Sustainable development • Urban problems related to energy • Water conservation. rainwater harvesting, watershed management Resettlement and rehabilitation of people its problems and concerns. Case studies.
Module 4	Environmental ethics issues and possible solutions. Climate change. global warm acid rain, ozone layer depiction. nuclear accidents and holocaust. Case studies. Wasteland reclamation. •Environmental Protection Act, Air (Prevention and Control of Pollution) Act Water (Prevention and control of Pollution) Act • Wildlife Protection Act• Forest Conservation Act • Issues involved in enforcement of environmental legislation. • Public awareness. : Human Population and the Environment• Population growth, • Population explosion Family Welfare Programme. • Environment and human health. • Human Rights. Value Education. • HIV /AIDS. • Case Studies.

Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	Textbook of Environmental Studies	Erach Bharucha	Universities Press (India) Pvt Ltd	2010
2	Environmental Studies	Benny Joseph	Tata McGraw Hill	2009
3	Textbook of Environmental Studies	Deeksha Deve and S.S. Kateswa	Cengage learning India pvt ltd	2009
4	Environmental Studies	Anubha Kaushik, C.P. Kaushik	New Age International	2007

Global Certifications: NA

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
	NA					

Tools used in Practical / Skill: NA

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
	NA		

Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	Active Learning	10	20
	Home Assignment & Textbook	10	
In-Sem Summative	In-Sem 1	20	40
	In-Sem 2	20	
End-Sem Summative	End-Sem Exam (Paper Based)	40	40
			100

STATISTICAL METHODS FOR ECONOMICS (SE)

COURSE CODE	23BA1205	MODE	Regular	LTPS	4-1-0-0	PRE-REQUISITE	NIL
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CO#	Course Outcome (CO)	PO/PSO	BTL
CO1	Explore the knowledge relating to the calculation of simple correlation and regression models and their assumptions and limitations.	PO1	
CO2	Learn the calculation of partial and multiple correlation coefficients and fitting the multiple regression equation.	PO2	
CO3	The students will be able to Distinguish between sampling methods and population survey method and study the random and non-random sampling methods.	PO3	
CO4	The students will be able to analyse the data by using cor Basic Econometrics relation and regression.	PO4	

Module 1	- Introduction and Overview Introduction to statistics – Definition, scope, importance and limitations of statistics – Primary and Secondary data. Subject-matter - the distinction between population and sample. Representation of data- graphical (line diagram, bar diagram, pie chart) and tabular method. Frequency Distribution
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Module 2	- Descriptive Statistics Measures of central tendency (arithmetic mean, geometric mean, harmonic mean, median and mode, and their properties, Quartiles, Deciles and Percentiles, Dispersion (range, quartile deviation, mean deviation, standard deviation, coefficient of variation, coefficient of mean deviation, coefficient of quartile deviation, Lorenz curve and Gini coefficient, Moments, Skewness and Kurtosis (definition, computation, Correlation and Regression (definition, computation, properties)
Module 3	Sampling statistics: Basic concept of sampling- random and non-random sampling; simple random; stratified random and P.P.S. Sampling; Concept of an estimator and its sampling distribution; Desirable properties of an estimator.
Module 4	Correlation and Regression Correlation and regression – Meaning, definition and uses of correlation – Types of correlation – Karl Pearson’s correlation coefficient – Spearman’s Rank Correlation – Regression Equations – Utility of regression analysis.

Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	Introduction to Statistical Methods	Gupta, S.P. S.Chand & Sons	Wonnacott & Wonnacott; New Delhi.	1993
2	Mathematical Statistics	John E. Freund, ,	Prentice Hall,	1992.

Global Certifications:

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1	Digital governance	COURSE ERA				
2	Public policy	IIM B				

Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1			
2			

Evaluation Components:

Evaluation	Component	Weightage	Total
	ALM	6	

In-Sem Formative	Tutorial	15	
	Home Assignment	5	
			26
In-Sem Summative	Semester in Exam-I	17	
	Semester in Exam-II	17	
			34
End-Sem Summative	End Semester	40	40
			100

### INTRODUCTION TO PUBLIC ADMINISTRATION (IPA)

CORSE CODE	23BA1103	MODE	R	LTPS	3-1-0-0	PRE-REQUISITE	NIL
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#### Course Outcomes

CO#	CO Description	BTL	PO Mapping
CO1	Understand the basic concepts of Public Administration	2	PO1,PO3,PO5
CO2	Understand the Principles of Administration and Public relations	2	PO1, PO5,PO6
CO3	Understand the concept of Governance and it issues	3	PO5, PO9, PO6
CO4	Understand the Modern Public Administration.	4	PO5, PO11,PO3

#### Syllabus

Module 1	Meaning, Nature, Scope and importance of Public Administration, Public Administration & Private Administration, Evolution of Public Administration and Politics & Administration Dichotomy – Woodrow Wilson and F.J. Goodknow,
Module 2	Relation with other Social Sciences: Political Science, Economics, Sociology, Psychology Organization: Meaning and forms of Organization Basis of Organization-Hierarchy, Span of Control, Unity of Command, Co-ordination, Supervision, Communication, Centralization & Decentralization.
Module 3	New Public Administration: Minnow Brook I & II, New Public Management, Public Policy, E-Governance and Good Governance
Module 4	Public Administration in the Context of Liberalization, Globalization and Privatization, Administrative Reforms Commissions and Second ARC, Public Private Partnership

#### Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	Elements of Public Administration,	Dr. K.K. Puri,	Bharat Prakashan, Jalandhar.	2018
2	Advance Public Administration,	Goel S.L.	Sterling, New Delhi	2019
3				

#### Global Certifications:

Mapped Global Certifications:
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Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1		Swayam				
2						

#### Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1	Excel		
2			

#### Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	6	
	Tutorial	15	
	Home Assignment	5	
			26
In-Sem Summative	Semester in Exam-I	17	
	Semester in Exam-II	17	
			34
End-Sem Summative	End Semester	40	40
			100

#### Administrative Theory (AT)

COURSE CODE	23UC1101	MODE	Regular	LTPS	3-1-0-0	PRE-REQUISITE	NIL

#### Course Outcomes

CO#	CO Description	BTL	PO Mapping
CO1	Understand the basic concepts of Classical and Scientific management approaches	2	PO1,PO3,PO5
CO2	Understand the basic concepts of Bureaucratic and human relation theories	2	PO1, PO5,PO6
CO3	Understand the concept of Administrative Behaviors in organizations.	3	PO5, PO9, PO6
CO4	Understand the concepts of Motivation and Leadership.	4	PO5, PO11,PO3

#### Syllabus

Module 1	Classical and Scientific Management Approaches Classical Approach - Basic Theme – Contribution of Henry Fayol – POCCC – 14 Principles – Contribution of Gulick and Urwick – POSDCORB – Contribution of Mooney and Railey - Criticism.
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Module 2	Scientific Management Approach – Basic Theme – Contribution of FW Taylor – 4 Principles – Techniques of Scientific Management – FW Taylor’s followers – Criticism of Scientific Management. Bureaucratic and Human Relations Approaches Bureaucracy – Meaning – Origin of the term – Theory of authority – Characteristics of Bureaucracy - Weber’s contributions – Criticism –
Module 3	Ideas of Karl Marx on Bureaucracy . Human Relations Theory – Introduction – Hawthorne Studies – Ideas of Elton Mayo – Importance - Human Relations Theory Vs – Classical Theory Comparison - Criticism. Administrative Behavior Decision making – Simon’s concept of decision making – States of decision making – Classification Bounded Rationality – Incremental Model - Basic Concepts and Features - Contribution of Chris Argyris - Herbert Simon. Ecological Approach – FW Riggs – Structural Functional Approach - Ideal Models – Prismatic Model - Criticism.
Module 4	Motivation Theories Socio – Psychological Approach - Hierarchy of Needs - Abraham Maslow - Theory X and Theory Y - Douglas Mc Gregor - Rensis Likert - Management Systems – Herzberg’s two factor theory . Leadership Theories: Leadership – Meaning – Definition – Nature – Leadership Styles – Leadership Theories - Michigan Studies - Ohio State Leadership Studies - Group Dynamics - Managerial Grid.

Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	Administrative Thinkers	Prasad R and Others (ed)		
2	Public Administration: Theories and Concepts.	S.P. Naidu :	New Age International Publications, Hyd,	1996
3	Administrative Theory, Kitab Mahal,	Hoshiar Singh & Pradeep Sachdeva.		1999
4				

Global Certifications:

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1		SWAYAM				
2						

Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1	Excel		
2			

Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	6	
	Tutorial	15	

	Home Assignment	5	
			26
In-Sem Summative	Semester in Exam-I	17	
	Semester in Exam-II	17	
			34
End-Sem Summative	End Semester	40	40
			100

### Union Administration (UA)

COURSE CODE	223BA2209	MODE	Regular	LTPS	3-1-0-0	PRE-REQUISITE	NIL
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### Course Outcomes

CO#	CO Description	BTL	PO Mapping
CO1	The Legacy of Indian Administration – Evolution –Kautilya – Mughal Administration, British Period and Constitutional Framework The President- Election, Impeachment, Powers and Position, Prime Minister & Council of Ministers, Appointment, Powers and Role in Administration, Parliament, Judiciary. Executive branch	2	PO1,PO3,PO5
CO2	Central Secretariat and Cabinet Secretariat: Prime Minister's Office (PMO) Role and Functions, Ministries and Departments, Boards, Planning Commission, NITI Aayog, Finance Commission, Election Commission,and Comptroller & Auditor General,Attorney general	2	PO1, PO5,PO6
CO3	Political Executive and Bureaucracy- Neutrality in Civil Services, The Generalist and the Specialist in Indian Administration, Civil Service in India: Role and Significance, Union Public Service Commission, Composition and Function, Recruitment and Training of All India and Central Services, promotion policy	3	PO5, PO9, PO6
CO4	Citizen Administration –Redressal of Citizens' Grievance – Lokpal and Lokayukta, Corruption –Role of Central Vigilance Commission, Administrative Reforms and Innovations in India-recent trends in Indian administration	4	PO5, PO11,PO3

### Syllabus

Module 1	To understand the legacy of Indian administration
Module 2	Understand the nature and functioning of Secretariat and PMO
Module 3	Understand and gain Knowledge in the Issues of Indian Bureaucracy
Module 4	Understand and acquire Knowledge in significant issues of Indian administration

Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	-Indian Administration- Public	Ramesh K Arora and Rajni Goyal	New Age International Publishers-New Delhi	2018
2	Indian Administration-	S R Maheshwari-	Orient black swan publishers- New Delhi	2019
3				

Global Certifications:

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1		SWAYAM NPTEL				
2						

Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1	Excel		
2			

Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	6	
	Tutorial	15	
	Home Assignment	5	
			26
In-Sem Summative	Semester in Exam-I	17	
	Semester in Exam-II	17	
			34
End-Sem Summative	End Semester	40	40
			100

State Administration (SA)

COURSE CODE	23BA2212	MODE	Regular	LTPS	3-1-0-0	PRE-REQUISITE	NIL
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Course Outcomes

CO#	CO Description	BTL	PO Mapping
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CO1	Understand constitutional provisions and administration at state level	2	PO1,PO3,PO5
CO2	Understand the functioning and structure of the state administration	2	PO1, PO5,PO6
CO3	know about the district level administration process	3	PO5, PO9, PO6
CO4	Understand the structure and levels of local government in India	4	PO5, PO11,PO3

### Syllabus

Module 1	Constitutional Framework, state administration constitutional provisions of Governor. Governor, Appointment and provisions Governor, powers and functions Governor and chief minister relation Chief Minister-powers CM and council of ministers Role of CM in state administration Council of Ministers-Provisions in the constitution Council of Ministers-role and functions state legislature- functioning
Module 2	Union state relations Administration relations between Union and state Legislative relations between Union and state Financial relations between Union and state Chief secretary functions and powers Working of State secretariat Directorates in state administration
Module 3	District administration since independence Powers of Collector Union state local relations Democratic decentralisation Rural development Agencies of Rural development Institution of rural development Programmes on rural development
Module 4	73rd panchayatraj amendment 74th amendment Act Municipal Administration urban development authorities,SDGs and Local Governance

### Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	INDIAN ADMINISTRATION	RAMESH K ARORA	New age International	2018
2	Local government in India	S R Maheshwari Ramesh K Arora-Indian Administration	Tata Mc grawhill	2019
3	Public Administration	Laxmikanth	Tata Mc grawhill	2021
4				

### Global Certifications:

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1		Swayam				
2						

### Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1	Excel		

2			
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#### Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	6	
	Tutorial	15	
	Home Assignment	5	
			26
In-Sem Summative	Semester in Exam-I	17	
	Semester in Exam-II	17	
			34
End-Sem Summative	End Semester	40	40
			100

#### LOCAL GOVERNANCE (LG)

COURSE CODE	23BA3117	MODE	R	LTPS	3-1-0-0	PRE-REQUISITE	NILL
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#### Course Outcomes

CO#	Course Outcome (CO)	PO/PSO	BTL
CO1	The students will be able to get knowledge developments process in India	PO1	
CO2	The students will observe the NGO, SHGs and various groups	PO2	
CO3	The students will understand role of charitable trust association and donors	PO3	
CO4	Students will people will get the information of Role of Institutional and other stakeholders	PO4	

#### Syllabus:

Module 1	Development processes and the development industry
Module 2	The role of NGOs, SHGs. various groups
Module 3	The role of associations, donors, charities.
Module 4	The role of institutional and other stakeholders

#### Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	Indian Polity (7 <sup>th</sup> Edition)	M. Laxmikanth	MG Graw Grill Publication	2023
2	Indian Polity (Old Edition)	M. Laxmikanth	MG Graw Grill Publication	2019

3	Introduction to the Constitution of India	Durga Das Basu	Lexis Nexis Butterworths Publication	2020
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Global Certifications:

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1	Online Course on Indian Constitution	NALSAR University of Law	N	Online Mode	NALSAR University of Law, Hyderabad.	<a href="#">Nalsar University of Law</a>

Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1			
2			

Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	6	
	Tutorial	15	
	Home Assignment	5	
			26
In-Sem Summative	Semester in Exam-I	17	
	Semester in Exam-II	17	
			34
End-Sem Summative	End Semester	40	40
			100

**SOCIAL PROBLEMS AND PROGRAMMES IN INDIA-(SPPI)**

COURSE CODE	23BA3220	MODE	Regular	LTPS	3-1-0-0	PRE-REQUISITE	NIL
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Course Outcomes

CO#	CO Description	BTL	PO Mapping
CO1	Understand the basic Problems of Indian Society	2	PO1
CO2	Understand the various organisations working women and their development in society	2	PO2
CO3	Understand problems of Vulnerable Sections in India	2	PO7

CO4	Understand the Welfare programmes for Elderly and Children.	2	PO 7
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### Syllabus

Module 1	Salient features of Indian Society, Diversity of India, Religion, Caste & Communalism, Secularism, and Effects of Globalization on Indian society. Social Empowerment- Status of Women in Indian Society,
Module 2	Constitutional Provisions for Women, Women's organizations, Women welfare programmes, SHG's.
Module 3	Vulnerable Sections in India, Welfare programmes for SC, ST and OBCs, Constitutional provisions and Institutional arrangements.
Module 4	Welfare programmes for Elderly, Children and Persons with Disabilities (Divyangjan), Constitutional provisions and Institutional arrangements

### Reference Books:

Sl No	Title	Author(s)	Publisher	Year
2	Social Problems of India	by Ram Ahuja.	Pearson publications.	2018
3	Social Issues in India by Dr A Ashok,	Dr P V Lakshmaiah.	Pearson publications.	2019

### Global Certifications:

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1	Housing and education policies	Course Era				
2						

### Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1			
2			

### Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	6	
	Tutorial	15	
	Home Assignment	5	
			26
In-Sem Summative	Semester in Exam-I	17	
	Semester in Exam-II	17	
			34
End-Sem Summative	End Semester	40	40
			100

### MICRO-ECONOMICS (MIE)

COURSE CODE	23BA1101	MODE	Regular	LTPS	4-1-0-0	PRE-REQUISITE	NIL
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### Course Outcomes

CO#	CO Description	BTL	PO Mapping
CO1	Understand the nature, scope, and subject matter of economics and micro economics.	2	PO1,PO3,PO5
CO2	Understand factor pricing and theories of factor pricing.	2	PO1, PO5,PO6
CO3	Understand the concepts and apply the Production functions, and different costs existed in the economy.	3	PO5, PO9, PO6
CO4	Understand the different market forms and their characteristics.	4	PO5, PO11,PO3

### Syllabus

Module 1	<p>Theory of Consumer Behavior</p> <p>Nature, Definition and Scope of Economics-Methodology in Economics- Micro economics-Scope- Basic concepts in Micro Economics- Micro- Macro distinction- Scarcity and Choice as an Economic Problem-Utility Analysis-Cardinal and Ordinal Utility-Law of Diminishing Utility-Law of Equi-marginal Utility-Nature of Demand-Law of Demand-Movements and Shifts in Demand Curve- Elasticity of Demand-Price, Income and Cross Elasticity-Price Line-Indifference Curve- Law of supply-Determinants of supply-Movement and Shifts in Supply Curves-Elasticity of supply Consumer Surplus-Consumer's Equilibrium.</p>
Module 2	<p>CO2- Factor Pricing</p> <p>Distribution-Marginal Productivity Theory of Distribution-Rent-Scarcity Rent and Quasi Rent-Ricardian Theory of Rent-Types of Wage- Subsistence Theory-Wage Fund Theory-Theories of interest: Classical, Neoclassical and Keynesian theories. Theories of profit: Dynamic theory, Risk and Uncertainty theory, Innovation theory.</p>

Module 3	<p>Theory of Production and Cost</p> <p>Concept of Production Function-Long Run and ShortRun Production- Isoquant-Law of Variable Proportion-Law of Return to Scale- Concepts of Cost-Money, Accounting, Real, Opportunity, Economic, Implicit and Explicit, Short Run, Long Run, Fixed and VariableCosts-Concepts of Total, Average and Marginal Costs. Relationship between Average and Marginal Costs Curves in Short run and Long run- Concepts of revenue- AR, MR, TR; Break-even point.</p>
Module 4	<p>Market Structure</p> <p>Market Structure-Features and Types of Markets-Perfect and Imperfect Markets- Perfect Competition-Price andOutput Determination-Equilibrium of Firm and Industry Under Perfect Competition-Monopoly- Price and Output Determination Under Monopoly-Monopolistic Competition- Monopolistic Competition Price and Output Determination-Oligopoly-Kinked Demand Curve of Oligopoly.</p>

#### Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	Principles of Microeconomics	H.L.Ahuja.	S Chand and Company Limited,	2018
2	Modern Microeconomics	Koutsoyiannis, A	Macmillan.	1990, (2 <sup>nd</sup> ed)
3	Intermediate Microeconomics: A Modern Approach (5th ed)	Varian, H.R.	East West Press, New Delhi	2000
4	Advanced Economic Theory	. H.L.Ahuja	S Chand and Company Limited	2018
5	Principles of Economics	N.George Mankiw	Thompson	2000

#### Global Certifications:

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1	Business Economics	Harvard Extension School	Y		Harvard Extension School	<a href="#">Business Economics Graduate Certificate   Harvard Extension School</a>
2						

#### Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1	NO	NO	NO
2			

#### Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	6	
	Tutorial	15	
	Home Assignment	5	
			26
In-Sem Summative	Semester in Exam-I	17	
	Semester in Exam-II	17	
			34
End-Sem Summative	End Semester	40	40
			100

### Mathematical Methods in Economics (MME)

COURSE CODE	23BA1102	MODE	Regular	LTPS	4-1-0-0	PRE-REQUISITE	NIL
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### Course Outcomes

CO#	CO Description	BTL	PO Mapping
CO1	The students will be able to Acquire knowledge in building economic models by using functional forms and derive maxima and minima of economic functions in single variable case.	2	PO1,PO3,PO5
CO2	Examine unconstrained and constrained optimization in simple economic problems and calculation of consumer's surplus and producer's surplus.	2	PO1, PO5,PO6
CO3	The students will be able to solve the simultaneous equations through Cramer's rule and matrix inversion method and identify basic properties of determinants and vectors.	3	PO5, PO9, PO6
CO4	The students will be able to Discuss the concept linear programming problem and its solution by graphical method.	4	PO5, PO11,PO3

### Syllabus

Module 1	Mathematical Methods-1: Concept of function and types of functions; Limit, continuity and derivative: Rules of differentiation; Interpretation of revenue, cost, demand, supply function; Elasticities and their types; Multivariable functions; Concept and types of production functions; Problems of Maxima and Minima in single Variable Case.
Module 2	Mathematical Methods 2: Rules of partial differentiation and interpretation of partial derivatives; Problems of maxima and minima in single and multivariable functions; Unconstrained and constrained optimization in simple economic problems; Simple problems in market equilibrium; Concept of integration; Simple rules of integration; Application to consumer's surplus and producer's

	surplus; Growth rates and simple properties of time path of continuous variables.
Module 3	Mathematical Methods-3: Determinants and their basic properties; Solution of simultaneous equations through Cramer's rule; Concept of matrix-their types, simple operations on matrices, matrix inversion and rank of a matrix; Concept of vector-its properties.
Module 4	Mathematical Methods-4: Introduction to input-output analysis-Difference equations – solution of first order and second order difference equations; Applications in trade cycle models; Growth models and lagged market equilibrium models.

#### Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	Mathematical Analysis for Economists,	Allen, R.G.D	Macmillan Press and ELBS	2018
2	Fundamental Methods of Mathematical Economics	Chiang, A.C.	McGraw Hill, New York	1986
3	Mathematics for Economists	Yamane,Taro	Prentice Hall of India New Delhi	2000
4	Foundations of Modern Macroeconomics	V.P. Fredericck	Oxford University Press	2011
5	Contemporary Macroeconomic Theory and Policy	Jha, R	Wiley Eastern Ltd	1991

#### Global Certifications:

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1	Quantitative Economics	rutgers.edu	Y		rutgers.edu	<a href="#">Certificate In Quantitative Economics (rutgers.edu)</a>
2						

#### Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1	Excel, SPSS	SPSS	

			Open Source/ IBM SPSS
2			

#### Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	6	
	Tutorial	15	
	Home Assignment	5	
			26
In-Sem Summative	Semester in Exam-I	17	
	Semester in Exam-II	17	
			34
End-Sem Summative	End Semester	40	40
			100

#### MACRO-ECONOMICS (MaE)

COURSE CODE	23BA1102	MODE	Regular	LTPS	4-1-0-0	PRE-REQUISITE	NIL
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#### Course Outcomes

CO#	CO Description	BTL	PO Mapping
CO1	Understand the nature, scope, and subject matter of economics and micro economics.	2	PO1,PO3,PO5
CO2	Understand factor pricing and theories of factor pricing.	2	PO1, PO5,PO6
CO3	Understand the concepts and apply the Production functions, and different costs existed in the economy.	3	PO5, PO9, PO6
CO4	Understand the different market forms and their characteristics.	4	PO5, PO11,PO3
CO5	<CO for Practical – can be deleted otherwise>		
CO6	<CO for Skill – can be deleted otherwise>		

#### Syllabus

Module 1	<p><i>Theory of Consumer Behavior</i></p> <p>Nature, Definition and Scope of Economics-Methodology in Economics- Micro economics-Scope- Basic concepts in Micro Economics- Micro- Macro distinction- Scarcity and Choice as an Economic Problem-Utility Analysis-Cardinal and Ordinal Utility-Law of Diminishing Utility-Law of Equi-marginal Utility-Nature of Demand-Law of Demand-Movements and Shifts in Demand Curve- Elasticity of Demand-Price, Income and Cross Elasticity-Price Line-Indifference Curve- Law of supply-</p>
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	Determinants of supply-Movement and Shifts in Supply Curves-Elasticity of supply Consumer Surplus-Consumer's Equilibrium.
Module 2	<i>CO2- Factor Pricing</i> Distribution-Marginal Productivity Theory of Distribution-Rent-Scarcity Rent and Quasi Rent-Ricardian Theory of Rent-Types of Wage- Subsistence Theory-Wage Fund Theory-Theories of interest: Classical, Neoclassical and Keynesian theories. Theories of profit: Dynamic theory, Risk and Uncertainty theory, Innovation theory.
Module 3	<i>Theory of Production and Cost</i> Concept of Production Function-Long Run and ShortRun Production- Isoquant-Law of Variable Proportion-Law of Return to Scale- Concepts of Cost-Money, Accounting, Real, Opportunity, Economic, Implicit and Explicit, Short Run, Long Run, Fixed and VariableCosts-Concepts of Total, Average and Marginal Costs. Relationship between Average and Marginal Costs Curves in Short run and Long run- Concepts of revenue- AR, MR, TR; Break-even point.
Module 4	<i>Market Structure</i> Market Structure-Features and Types of Markets-Perfect and Imperfect Markets- Perfect Competition-Price andOutput Determination-Equilibrium of Firm and Industry Under Perfect Competition-Monopoly- Price and Output Determination Under Monopoly-Monopolistic Competition- Monopolistic Competition Price and Output Determination-Oligopoly-Kinked Demand Curve of Oligopoly.

#### Reference Books:

Sl No	Title	Author(s)	Publisher	Year
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2	Modern Microeconomics	Koutsoyiannis, A	Macmillan.	1990, (2 <sup>nd</sup> ed)
3	Intermediate Microeconomics: A Modern Approach (5th ed)	Varian, H.R.	East West Press, New Delhi	2000
4	Advanced Economic Theory	. H.L.Ahuja	S Chand and Company Limited	2018
5	Principles of Economics	N.George Mankiw	Thompson	2000

#### Global Certifications:

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1	Business Economics	Harvard Extension School	Y		Harvard Extension School	<a href="#">Business Economics Graduate Certificate  </a>

						<a href="#">Harvard Extension School</a>
2						

Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1	NO	NO	NO
2			

Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	6	
	Tutorial	15	
	Home Assignment	5	
			26
In-Sem Summative	Semester in Exam-I	17	
	Semester in Exam-II	17	
			34
End-Sem Summative	End Semester	40	40
			100

Basic Econometrics (BE)

COURSE CODE	23BA2207	MODE		LTPS	4-1-0-0	PRE-REQUISITE	NIL
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CO#	Course Outcome (CO)	PO/PSO	BTL
CO1	Students will able to understand the core concepts and techniques in econometrics	PO1	
CO2	Students will be able to understand as well as apply the linear regression model.	PO2	
CO3	The students will be able to have In-depth understanding and application of simple as well as multiple linear regression models.	PO3	
CO4	The students will be able to analyse the data by using correlation and regression.	PO4	

Syllabus

Module 1	Introduction, Model Specification and applied research, the role of data in model specification, The Structure of Economic Data, Steps in Empirical Analysis, Causality and the Notation of Ceteris Paribus in Econometrics, etc.
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Module 2	Introduction, Definition of the Simple regression Model, Deriving the Ordinary Least Squares Estimates, Properties of OLS on Any Sample of Data, Units of Measurement and Functional Forms, Expected Values and the Variances of the OLS, Regression through the Origin and Regression on a Constant, Regression with Graphics, Outliers, Leverage and Influence, Transformation towards Linearity, Summary
Module 3	Estimation; Introduction, Motivation for Multiple Regression, Mechanics and Interpretation of Ordinary least Squares, The Expected Values of OLS Estimators, The Variance of the OLS Estimators, Efficiency of OLS: The Gauss-Markov Theorem, Fragility Analysis, Summary
Module 4	Inference; Introduction, Sampling Distribution of the OLS Estimators, Testing Hypotheses about a Single Population parameter: The t Test, Confidence Intervals, Testing Hypotheses about a Single Linear Combination of the Parameters, Testing Multiple Linear Restrictions: The F Test, Relationship between F and t Statistics, The R-Squared Form of the F Statistic, Computing p-Values for F Tests, The F Statistic for Overall Significance of a Regression, Testing General Linear Restrictions; Reporting Regression Results, Summary.

Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	Basic Econometrics	Gujarati, Damodar	McGraw-Hill	(2004)
2	Introduction to Econometrics	Maddala, G. S.	Macmillan Publishing Company	2002
3	Fundamentals of Statistics (Volume One),	Goon, A. M Gupta, M. K, and Dasgupta, B.,	The World Press Private Ltd	2012

Global Certifications:

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1						
2						

Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1			
2			

Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	6	
	Tutorial	15	
	Home Assignment	5	

			26
In-Sem Summative	Semester in Exam-I	17	
	Semester in Exam-II	17	
			34
End-Sem Summative	End Semester	40	40
			100

#### ECONOMICS OF GROWTH AND DEVELOPMENT (EGD)

COURSE CODE	23BA2208	MODE	R	LTPS	4-1-0-0	PRE-REQUISITE	MME
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CO#	Course Outcome (CO)	PO/PSO	BTL
CO1	The students will be able to evaluate the fundamental economic concepts and theories of developmental economics.	PO1	
CO2	Analyze the developmental approaches, policies, and the issues related to the developmental problems that the world community faces in day to day life.	PO2	
CO3	The students will be able to Examine the current pattern of development models and relate to the real macroeconomic problems.	PO3	
CO4	Assess of modern economic growth and development, and environmental problems and issues.	PO4	

#### Syllabus

Module 1	Theories of Development Development and Underdevelopment; Contributions of Classical economists to the theory of development; Karl Marx and development of capitalistic economy; Schumpeter and capitalistic development; Structural view of development.
Module 2	Approaches to Development Measures of Poverty and inequality; Measuring development. Partial theories of growth and development- Circular causation; Big push theory; Balance and unbalance growth; Technical Dualism; Dependency theory of development.
Module 3	Economic Growth Models Harrod and Domar growth model; Neo-classical growth models: Solow, Meade, and Mrs. Joan Robinson; Cambridge criticism of Neo classical analysis of growth. Population as limits to growth and as ultimate source, Population, poverty and environment linkages.
Module 4	Technological Change and Growth Models Production Function Approach to Economic Growth and Growth Accounting; Golden rule of accumulation; Endogenous growth models ( Romer, Lucas, AK model)

Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	Theories of Economic Growth and Development	Alderman, I.	Stanford University Press	1961
2	An Enquiry into Well-being and Destitution	Dasgupta, P	Clerandon Press	1993
3	Handbook of Development Economics	Behrman, S. and T.N. Srinivasan	, Elsevier, Amsterdam	1995

Global Certifications:

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1		International Economic Development Council (iedconline.org)	Y		International Economic Development Council (iedconline.org)	<a href="http://iedconline.org">Accelerating Growth through Entrepreneurship-Led Economic Development - International Economic Development Council (iedconline.org)</a>

Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1			

Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	6	
	Tutorial	15	
	Home Assignment	5	
			26
In-Sem Summative	Semester in Exam-I	17	
	Semester in Exam-II	17	
			34
End-Sem Summative	End Semester	40	40
			100

## Public Finance

COURSE CODE	23BA2210	MODE	R	LTPS	4-1-0-0	PRE-REQUISITE	MME
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### Course Outcomes

CO#	CO Description	BTL	PO Mapping
CO1	The students will be able to understand the scope of public finance, public goods and MSA.	2	PO1,PO3,PO5
CO2	The students will be able to know the various principles, cause and effect of public expenditure.	2	PO1, PO5,PO6
CO3	The students will be able to analyze the source, types, incidence, effects of taxation along with the recent tax policies in India.	3	PO5, PO9, PO6
CO4	The students will be able to understand the source, effects of debt along with concepts of Government budget.	4	PO5, PO11,PO3

### Syllabus

Module 1	Introduction to Public Finance- Public Finance- Nature and scope- Public and Private finance- Public Goods and Externalities- Principal of Maximum Social Advantage. Theory of Public Finance. Overview of Fiscal Functions, Tools of Normative Analysis, Pareto Efficiency, Equity and the Social Welfare, Market Failure, Public Good and Externalities, Elementary Theories of Product and Factor Taxation (Excess Burden and Incidence).
Module 2	Public Expenditure- Principles of Public Expenditure-Classification-Causes and Effects- Canons of Public Expenditure-Role in Developing Countries. Public Expenditure Theory Pure theory of public expenditure- Empirical evidence on public expenditure theories. Public Sector Pricing- Pricing of Public Utilities. Public expenditure management and control, Concept, measurement and magnitude of subsidies. Social infrastructure and financing of human development. Growth, nature and composition of public expenditure in India. Sustainability issues of Centre and State expenditure in India, Issues related to subsidies in India, Social Security and State level pension reforms in India.
Module 3	Public Revenue & Tax Policy Issues in India-Public Revenue- Objectives- sources of Taxation- Types, Incidence and Effects of Taxation- role in developing economy- Indian Tax System: An assessment, Practical Issues of Tax reforms in India, An introduction to Value Added Tax, Value Added Tax: Design, Issues and Options. An introduction to MODVAT, CENVAT and Goods and Services Tax (GST), Issues in the taxation of Services in India. Recent Tax Policy-Taxable Capacity: Absolute and Relative Taxable Capacity. Factor Determining Taxable Capacity - Limits to Taxable Capacity.
Module 4	Public Debt- Public Debt- Sources- Effects- crowding out Effect- Government Budgeting- classification- Concepts of Budget Deficits - Indian Union Budget. Measurement and macro-economic impact of deficits- alternative paradigms. The concept of budget. Fiscal deficit and interest rates: Analytical and empirical issues. Public debt burden and intergenerational equity. Issues related to public debt sustainability. Trends and developments in Indian Fiscal Policy. Recent experience with stabilization functions of India government. Fiscal Responsibility and Budget Management Act: An Evaluation. Trends in and Financing pattern of deficits in India and its macro-economic implications.

Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	Public Finance	R.K.Lekhi & Joginder Singh	Kalyani Publishers	2015
2	Public Finance	H.D.Bhatia	Macmillan.	1990, (2 <sup>nd</sup> ed)
3	Public Finance	B.P.Tyagi & H.P.Singh		
4	Indian Economy	S.K.Mishra & V.K.Puri		

Global Certifications:

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1	Financial Economics	rutgers.edu	Y		rutgers.edu	<a href="http://rutgers.edu">Certificate in Financial Economics (rutgers.edu)</a>
2						

Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1	Excel		Open Source
2	SPSS		IBM SPSS

Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	6	
	Tutorial	15	
	Home Assignment	5	
			26
In-Sem Summative	Semester in Exam-I	17	
	Semester in Exam-II	17	
			34
End-Sem Summative	End Semester	40	40
			100

## International Economics (IE)

COURSE CODE	23BA2211	MODE	R	LTPS	4-1-0-0	PRE-REQUISITE	MME
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### Course Outcomes

CO#	CO Description	BTL	PO Mapping
CO1	The students will able to understand the theories of international trade	2	PO1,PO3,PO5
CO2	The students will able to understand concepts and components of Balance of Payment and Balance of Trade	2	PO1, PO5,PO6
CO3	The students will able to understand the trend of trade in India and the impact of globalization on trade	3	PO5, PO9, PO6
CO4	The students will able to understand the theories of international Globalisation of Trade.	4	PO5, PO11,PO3

### Syllabus

Module 1	Introduction and Theories of International Trade International Economics-SubjectMatter-Basis of Trade – Mercantilism and Physiocrats - Classical theory: Absolute and Comparative Advantage Theories - Terms of trade- offer curve. The Heckscher-Ohlin Theory- Leontief Paradox – Gains from Trade – Static and Dynamic Gains- trade as an Engine of Growth
Module 2	Balance of Trade and Balance of Payments Concepts and components of Balance of Trade and Balance of Payments ,Equilibrium and Disequilibrium in Balance of Payments, Consequences of disequilibrium in Balance of Payments, Various measures to correct deficit in the Balance of Payments, Relative merits, demerits and limitations of devaluation, Concept and implication of Foreign Trade Multiplier, Functions of IMF, World Bank and GATT / WTO, Reform of the International Monetary system, and India
Module 3	Trade Barriers Protectionism versus Free Trade. Trade Barriers: Tariffs; Quotas; Exchange Control-concept, objectives ,methods, and weaknesses; Dumping-concept and weaknesses; Voluntary Export Restraints; Export Subsidies; Dual Exchange Rates; Discriminatory Procurement. Eco Labelling; Counter Trade;
Module 4	Foreign Trade Multiplier International Cartels. Growth of Trade and Globalisation Growth of International Trade (post-1991); Trade in Goods and Services; India's Foreign Trade: Value, Composition and Direction (post-1991); Globalisation: Factors/Drivers contributing towards Globalisation of Trade; Impact of Globalisation (positive andnegative).

### Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	International Economics.	Cherunilam, Francis (2008).	Tata McGraw-Hill, New Delhi..	2008
2	International Economics: Theory and Policy, Addison-Wesley	Paul Krugman, Maurice Obstfeld, and Marc Melitz, (2012)	(Pearson Education Indian	2012

			Edition), 9th edition
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Global Certifications:

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1	International Trade - Theory and Empirics	IIT Roorkee <a href="https://onlinecourses.nptel.ac.in/noc22_hs98/preview">https://onlinecourses.nptel.ac.in/noc22_hs98/preview</a>	2019			IIT Roorkee <a href="https://onlinecourses.nptel.ac.in/noc22_hs98/preview">https://onlinecourses.nptel.ac.in/noc22_hs98/preview</a>

Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1	Excel		
2	NA	NA	NA

Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	6	
	Tutorial	15	
	Home Assignment	5	
			26
In-Sem Summative	Semester in Exam-I	17	
	Semester in Exam-II	17	
			34
End-Sem Summative	End Semester	40	40
			100

Modern Indian Language Telugu-1 (MILT1)

COURSE CODE	23BA11T1	MODE	Regular	LTPS	2-0-0-0	PRE-REQUISITE	Nil
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Course Outcomes

CO#	CO Description	BTL	PO Mapping
CO1	తెలుగు సాహిత్యం యొక్క ప్రాచీనతను విశిష్టతను గుర్తిస్తారు. నన్నయ కాలం నాటి సామాజిక పరిస్థితులు,భాషా సంస్కృతులు,ఇతిహాస కాలం నాటి రాజనీతి విషయాల పట్ల పరిజ్ఞానాన్ని పెంపొందించుకుంటారు.	2	PO1
CO2	13వ శతాబ్దం నాటి సామాజిక,సాంస్కృతిక,మత పరిస్థితులు,--ఏకేశ్వరోపాసన-శైవ వైష్ణవ అభేదము-హరిహరాద్వైతము-15 పర్వాల తిక్కన భారతంలో శాంతిపర్వ విశిష్టత-మానవ జీవితంలో "శాంతి" కి వున్న ప్రాధాన్యం మొదలైన అంశాలు నేర్చుకుంటారు.	2	PO2
CO3	మానవుడు సక్రమమైన,ధర్మబద్ధమైన జీవనాన్ని ఎలా కొనసాగించాలి,మానవజీవితంలో యుక్తవయస్సుయొక్క ప్రాధాన్యత-పిల్లల ప్రవర్తనలో తల్లితండ్రుల పాత్ర మున్నగు అంశాలు నేర్చుకుంటారు సమాజ సంబంధమైన వివిధ సమస్యలు,వాటికి గల కారణాలు, ఆమోదయోగ్యమైన పరిష్కార మార్గాలను గురించి తెలుసుకుంటారు.	3	PO1
CO4	భారతీయ సంస్కృతీ వైభవానికి చిహ్నమైన రామాయణ మహాకావ్య ప్రాముఖ్యత-రామరాజ్యం-రాముడు ఎలా ఆదర్శ పురుషుడు అయ్యాడు-శ్రీ రామ పాత్ర ద్వారా మానవులు నేర్చుకోవలసిన నడవడి- జీవిత జీవన అంశాల గురించి విజ్ఞానాన్ని పెంపొందించుకుంటారు.UPSC మొదలుకుని అన్ని పోటీ పరీక్షలకు అవసరమైన అనువాదము,జాతీయములు, సొంతవాక్య ప్రయోగములు. లేఖనంలో సహజంగా దొర్లే తప్పులు., అనే విషయాలను నేర్చుకుంటారు.	4	PO 2

Syllabus

Module 1	ఆదికవి నన్నయ్య విరచిత ఆంధ్ర మహాభారతము- సభాపర్వము- ప్రథమాశ్వాసము- 26వ పద్యము నుండి 57 వ పద్యము వరకు- "రాజనీతి"- పాఠ్య భాగము- మహాభారత మహాతిహాసము ప్రాశస్త్యము-వేదవ్యాసుడు- తెలుగు మహాభారతము-కవిత్రయము- నన్నయ్య కవితా లక్షణాలు- మరియు వ్యాసము-వ్యాస రచన - సాధారణ వ్యాసములు- జాతీయములు యొక్క నిర్వచనము- ఉపయోగించే సందర్భాలు-సివిల్ సర్వీసెస్ లో సాధారణంగా అడిగే సివిల్ సర్వీసెస్ లో సాధారణంగా అడిగే జాతీయములు- అభ్యాసము ::సొంతవాక్యప్రయోగము
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Module 2	ప్రాచీన సాహిత్యంలో కావ్య యుగానికి వున్న ప్రాధాన్యత- కవిసార్వభౌముడు, ఈశ్వరార్చన కళాశీలుడు బిరుదాంకితుడైన శ్రీనాథుడి రచనలు-కవితాత్మ-సీసపద్య వైభవము- శ్రీనాథుడి శ్రీనాథుని చాటువులు విశేషాంశాలు-కాశీఖండ వైభవము-మానవుడి యుక్తవయస్సు, ప్రమాద ఘంటికలు-గుణనిధి కథ ద్వారా శ్రీనాథుడు వర్తమాన సమాజంలో ప్రధానంగా యువతకు, పిల్లల తప్పులు కాస్తున్న తల్లులకు ఇస్తున్న సందేశం- మొదలగునవి- మరియు వ్యతిరేకార్థక పదములు- సరైన వ్యతిరేక పదముల గుర్తింపు-లో ఇవ్వబడిన వ్యతిరేకార్థక పదములు, UPSC పరీక్షలలో అడిగిన కొన్ని వ్యతిరేకార్థక పదములు అభ్యాసము.. మరియు వ్యాసము-వ్యాస రచన - సాధారణ వ్యాసములు..
Module 3	కవిబ్రహ్మ విరచిత ఆంధ్ర మహాభారతం-విరాటపర్వం-ప్రథమాశ్వాసం-116వ పద్యం నుండి 146వ పద్యం వరకు- "ధౌమ్య ధర్మోపదేశము"--అనే పాఠ్యభాగం - సేవకుని లక్షణాలు- యజమాని ఎదుట ఉద్యోగి ప్రవర్తించవలసిన విధి విధానాలు-వర్తమాన సమాజానికి అన్వయం- తిక్కన ప్రతిపాదిత "హరి హరాద్వైత సిద్ధాంతం"- తిక్కన నాటకీయ కవితా లక్షణం- - సమానార్థక పదములు- పర్యాయ పదముల గుర్తింపు- నానార్థకపదములకు- పర్యాయపదములకు మధ్య తేడా- UPSC పరీక్షలలో అడిగిన కొన్ని సమానార్థక పదములు- అభ్యాసము.. మరియు వ్యాసము-వ్యాస రచన - సాధారణ వ్యాసములు..
Module 4	: కవయిత్రి మొల్ల రచించిన "శ్రీమద్రామాయణం"- సుందరకాండ-40వ పద్యం నుండి 87వ పద్యం వరకు--"సీతా రావణ సంవాదం పాఠ్యభాగము"- రామాయణ మహాకావ్యం ద్వారా అభివ్యక్తి నైపుణ్యాలు- మానవ జీవన ప్రవర్తనా విధానం- మనిషి పాటించవలసిన నైతిక విలువలు, కుటుంబ సంబంధాలు మొదలగునవి.,-మరియు తెలుగు లేఖనంలో సహజంగా దొర్లే తప్పులు- ఒప్పులు....., UPSC పరీక్షలలో అడిగిన కొన్ని అక్షర దోషాలు.... అభ్యాసము.. మరియు వ్యాసము-వ్యాస రచన - సాధారణ వ్యాసములు.

పాఠ్యగ్రంథములు: (Text Books)

- 1 డిగ్రీ ప్రథమ సంవత్సరం-తెలుగు-వి.జి.ఎస్.బుక్ లింక్స్, విజయవాడ.
2. శ్రీమద్రామాయణం- కవయిత్రి మొల్ల-ఆంధ్రప్రదేశ్ సాహిత్య అకాడెమి, హైదరాబాద్.

Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	ఆంధ్ర మహాభారతము	నన్నయ్య భట్టు	ఆంధ్రప్రదేశ్ సాహిత్య అకాడెమి, హైదరాబాద్	1980
2	ఆధునికాంధ్రకవిత్యము, ప్రయోగములు, సంప్రదాయములు	ఆచార్య సి. నారాయణ రెడ్డి	ఆంధ్ర ప్రదేశ్ సాహిత్య అకాడెమి, హైదరాబాద్	1967
3	ఆంధ్ర మహాభారతము- విరాట పర్వము- -	తిక్కన సోమయాజి-	తిరుమల తిరుపతి దేవస్థానం ప్రచురణ	1985

4	కాశీ ఖండము	శ్రీనాథ కవి సార్యభౌము డు	తెలుగు విశ్వవిద్యాలయము, హైదరాబాద్	199 4
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#### Global Certifications:

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1						

#### Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1			
2			

#### Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	15	25
	Home Assignment	10	
In-Sem Summative	Sem in 1	17.5	35
	Sem in 2	17.5	
End-Sem Summative	End Sem Exam	40	40

#### Modern Indian Language Hindi-1 (MILH1)

COURSE CODE	23BA11H1	MODE	Regular	LTPS	2-0-0-0	PRE-REQUISITE	Nil
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#### Course Outcomes

CO#	CO Description	BTL	PO Mapping
CO1	Understand the concepts of Hindi language.	2	PO1,PO3,PO5
CO2	Demonstrate required knowledge on Reading and Speaking skills.	2	PO1, PO5,PO6

CO3	Apply the varieties of reading and comprehend the tone and style of the author. Skim and scan effectively and appreciate rhetorical devices	3	PO5, PO9, PO6
CO4	Analyze the concepts of writing to draft corporate letters, emails, and memos	4	PO5, PO11, PO3

#### Syllabus

Module 1	Introduction to Hindi Language General Grammar – Noun Pronoun, Case, Gender and Number From the textbook chapter – Sahitya ki Mahatta Revision of Grammar and Formation of Sentences
Module 2	From textbook – Mitrata, Poose ki Raat Grammar – Tenses and Sentence formation Correction of Sentences Correction of words and
Module 3	Sanskriti aur Sahitya ka Sambandh – Comprehension and Reading Bharath ek Hai – Comprehension and Reading Practice of rewriting sentences of grammar Official terminology of 50 words, numerals
Module 4	Letter writing – formal/informal Names of eatables, colours, flowers, and general conversation Names of the months, years and days in the week Short sentences on daily use, Hindi communication language and translation

#### Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	Gadhya Sandhesh,		Lorven Publications	
3	Non-Detail –	Kathalok,	Sudha Publications	
4	Grammar – Saral Hindi Vyakaran,	DBHP Sabha, Hyderabad		

#### Global Certifications:

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1						
2						

#### Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1	Excel		
2			

#### Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	15	

	Home Assignment	10	
			25
In-Sem Summative	Semester in Exam-I	17.5	
	Semester in Exam-II	17.5	
			35
End-Sem Summative	End Semester	40	40
			100

### Modern Indian Language Telugu-2 (MILT-2)

COURSE CODE	23BA12T2	MODE	Regular	LTPS	2-0-0-0	PRE-REQUISITE	Nil
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### Course Outcomes

CO#	CO Description	BTL	PO Mapping
CO1	To understand the history of Modern Telugu Literature and the main themes of poetry in connection with the society	2	PO1
CO2	To understand the importance of Modern Telugu form PROSE "Kathaanka"(Short story) regarding the change the mind set of common people and indian farmers	2	PO2
CO3	To understand the importance of Modern Telugu form "NOVEL"., and its role to bring equality among humans irrespective of religion,caste,creed and gender	3	PO1
CO4	To analyse the history of Telugu Drama and its role in narration of lives of the artists who performed their art in "YAKSHAGAANA" and the importance of Literary Criticism	4	PO 2

### Syllabus

Module 1	ఆధునిక కవిత్వం:ఆధునిక తెలుగు కవిత్వ నిర్వచనము-- ఆవిర్భావం-ఆధునిక కవిత్వ లక్షణాలు-ఆధునిక కవితా వికాసం-అస్తత్వ వాదకవితా ధోర్ణులు--కవికోకిల శ్రీశ్రీ దువ్వవారి ర్పమిరెడ్డి "కండవీడు"చారిత్రక నేపథ్యం-- అనిసెట్టి సుబ్బారావు ర్పంచన "మాత్సంగీతం"-దేశ భి కి మరియుఅభ్యయదయ కవిత్వం--శ్రీ బండారు పీ సాదర్పా వా శ్రీ స్తన "తాత్కే నూలుపోగు పాఠ్యం"-- సామాజికత్- దళిత కవిత్వంలేక బహుళకవిత్వం ఒక పరిచయం--సామాజిక వ్యాసాలు-వర్తమాన సమాజ అన్వయం -పాత ప్రశ్నా పత్రాలలో ఇవ్వబడిన వ్యాసాలను పరిశీలించటం., ::సొంతవాక్యప్రయోగము
Module 2	తెలుగు కథానిక: కథానిక పరిచయము-తెలుగు కథానికా వికాసం- శ్రీ కాళి పట్నం ర్పమా ర్పా ర్పంచన "భయం" కథ- సామాజిక సందేశం- శ్రీ రెంటాల నాగేశ్వర్ ర్పా ర్పంచన "స్వవదం ఖరీదు"-కథ-మారెట్టి మాయాజాలంలో వయవసాయ ఉత్పత్తి లు రెత్తల కడగండు-.,సామాజిక వ్యాసాలు-వర్తమాన సమాజ అన్వయం -పాత ప్రశ్నా పత్రాలలో ఇవ్వబడిన వ్యాసాలను పరిశీలించటంUPSC

	పరీక్షలలో అడిగిన కొన్ని వ్యతిరేకార్థక పదములు అభ్యాసము.. మరియు వ్యాసము-వ్యాస రచన - సాధారణ వ్యాసములు..
Module 3	తెలుగు నవల:-"నవల" పరిచయం మరియు నిర్వచనం-తెలుగు నవల ఆవిర్భావ వికాసాలు-నవల లక్షణాలు- మహీధర్ రమమోహన ర్భవు ర్భంచన "ర్థ చీకాలు"- సంక్షిప్త నవల- సాహిత్య ిపీకియగా నవలసాా నం-- యలా పీ గడ మల్లు కారు న ర్భవు "నవల సమీక్ష"- సామాజిక పరిస్తా త్తలు-సమాజ సందేశం:: ఇవ్వబడిన ఖండికను జాగ్రత్తగా చదివి,అడగబడిన ప్రశ్నలకు సరైన సమాధానములు వ్రాయటం., పాత ప్రశ్నా పత్రాలలో ఇవ్వబడిన ఖండికలను పరిశీలించటం., సమానార్థక పదములు- పర్యాయ పదముల గుర్తింపు- నానార్థకపదములకు- పర్యాయపదములకు మధ్య తేడా- UPSC పరీక్షలలో అడిగిన కొన్ని సమానార్థక పదములు- అభ్యాసము.. మరియు వ్యాసము-వ్యాస రచన - సాధారణ వ్యాసములు..
Module 4	నాటకం మరియు విమర్శ-తెలుగు నాటకం పరిచయం- పరిణామ వికాసాలు-శ్రీ ఎం.వి.ఎస్. హరినాథ ర్భవు ర్భంచన "యక్షగానం" నాటక- శ్రీ కందిమళ్ళ సాంబశివర్భవు వాీ స్తన అపురూప కళారూపాల విధ్వంసదృశయం 'యక్షగానం"- విమర్శ నిర్వచనాలు-ఊత్మ విమర్శకుని లక్షణాలు- విమర్శ భేదాలు- విమర్శ ిపయోజనాలు. ఇవ్వబడిన ఖండికను జాగ్రత్తగా చదివి,అడగబడిన ప్రశ్నలకు సరైన సమాధానములు వ్రాయటం., పాత ప్రశ్నా పత్రాలలో ఇవ్వబడిన ఖండికలను పరిశీలించటం.,తెలుగు లేఖనంలో సహజంగా దొర్లే తప్పులు- ఒప్పులు...., UPSC పరీక్షలలో అడిగిన కొన్ని అక్షర దోషాలు.... అభ్యాసము.. మరియు వ్యాసము-వ్యాస రచన - సాధారణ వ్యాసములు.

**పాఠ్యగ్రంథములు: (Text Books)**

- 1.కొండవీడు--కవికోకిల శ్రీ దువ్వూరి రామిరెడ్డి-ఆంధ్రప్రదేశ్ సాహిత్య అకాడెమి, హైదరాబాద్.
- 2.రథచక్రాలు --శ్రీ మహీధర రామమోహనరావు- విశాలాంధ్ర పబ్లిషింగ్ హౌస్, హైదరాబాద్

**Reference Books:**

Sl No	Title	Author(s)	Publisher	Year
1	ఆధునిక కవిత్వ పరిచయం	ఆచార్య ఎస్.వి.సత్యనారాయణ	విశాలాంధ్ర పబ్లిషింగ్ హౌస్, హైదరాబాద్	1990
2	కథానిక స్వరూప స్వభావాలు	శ్రీ పోరంకి దక్షిణా మూర్తి -ఆచార్య ఎస్.గంగప్ప,	నవోదయ బుక్ హౌస్, విజయవాడ	1998
3	తెలుగు నాటకం - పరిచయం		విశాలాంధ్ర పబ్లిషింగ్ హౌస్, హైదరాబాద్	1998
4	తెలుగు నవల సంక్షిప్త చరిత్ర- సాహిత్య సోపానాలు- -	అంపశయ్య నవీన్- ఆచార్య దివాకర్ల వెంకటావధాని	తెలుగు అకాడెమి, హైదరాబాద్. ఆంధ్రప్రదేశ్ సాహిత్య అకాడెమి, హైదరాబాద్	2005

**Global Certifications:**

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1						

**Tools used in Practical / Skill:**

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1			

#### Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	15	25
	Home Assignment	10	
In-Sem Summative	Sem in 1	17.5	35
	Sem in 2	17.5	
End-Sem Summative	End Sem Exam	40	40
			100

#### Modern Indian Language Hindi-2 (MILH-2)

COURSE CODE	23BA12H2	MODE	Regular	LTPS	2-0-0-0	PRE- REQUISITE	Nil

#### Course Outcomes

CO#	CO Description	BTL	PO Mapping
CO1	Understand the concepts Hindi Language.	2	PO1,PO3,PO5
CO2	Demonstrate required knowledge over Mai haar tayi, Bhukha Hadtal, Usne Kaha tha Sentence/Hindi Communication Language	2	PO1, PO5,PO6
CO3	Understand the varieties of reading and comprehend the tone and style of the author.	3	PO5, PO9, PO6
CO4	Apply the concepts of writing to draft corporate letters, emails, and memos	4	PO5, PO11,PO3

#### Syllabus

Module 1	Grammar with sentences and corrections, General Grammar –Gender and Number, Numerals, From textbook – : Kabirdas Revision of Grammar and Formation of Sentences
Module 2	Communication in Hindi language, Bihari Lal/Geeth Farosh (Bhavani Prasad Mishra), From textbook – Todati Patthar(Suryakant Tripathi Nirala), From textbook – Raheem, Sentence framing and correction
Module 3	Translation from Hindi to English and English to Hindi, Formation and correction of sentences, Interpretation and correction of words, Translation to Hindi from English and vice versa
Module 4	4: Letter Writing, Official letter ,Personal letter, Administration terminology of 200 words, Hindi communication language

#### Reference Books:

Sl No	Title	Author(s)	Publisher	Year

1	Prose – Geeth Farosh	(Bhavani Prasad Mishra)		
2	Todati Patthar(	Suryakant Tripathi Nirala)		
3	Non-Detail –	Kathalok,	Sudha Publications	
4	Grammar – Saral Hindi Vyakaran,	DBHP Sabha, Hyderabad		

Global Certifications:

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1						

Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1	Excel		
2			

Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	15	
	Home Assignment	10	
			25
In-Sem Summative	Semester in Exam-I	17.5	
	Semester in Exam-II	17.5	
			35
End-Sem Summative	End Semester	40	40
			100

AGRICULTURAL ECONOMICS

COURSE CODE	23BA3113	MODE	R	LTPS	4-1-0-0	PRE-REQUISITE	MME
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CO#	Course Outcome (CO)	PO/PSO	BTL
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CO1	Highlight interdependence between agriculture and industry and the rest of the economy with empirical evidences and theoretical models.	PO1	
CO2	Students will be able to identify the extent of diversification of rural activities and related issues and problems in the country.	PO2	
CO3	Students will be able to acquire skill of estimation of farm budgeting, revenue, resource use efficiency in agriculture	PO3	
CO4	The students will be able to analyse the agriculture production and productivity.	PO4	

## Syllabus

Module 1	Agriculture and Economic Development Nature of agricultural and rural economics; Traditional agriculture and its modernization; 28 Role of agriculture in economic development; Interdependence between agriculture and industry-some empirical evidence; Models of interaction between agriculture and the rest of the economy: Agricultural development, poverty and environment.
Module 2	Diversification of Rural Economic activities Livestock economics-Livestock resources and their productivity; Problems of marketing: white revolution: Fishery and poultry development; Forestry, horticulture and floriculture; Issues and problems in rural industrialization and development of agro-based industries.
Module 3	Economics of Rural Infrastructure Use of land, water and energy; Rural transport, communication, banking, extension services, role. Modes and problems of rural electrification; Rural social infrastructure-education and health and information dissemination.
Module 4	Agricultural production and productivity Agricultural Production-Resource use and efficiency; Production function and analyses in Agriculture; Factor combination and resource substitution; cost and supply curve; Size of farm and laws of returns-theoretical and empirical findings; Farm budgeting and cost concepts: Supply response of individual crops and aggregate supply; Resource use efficiency in traditional agriculture: technical change, labour absorption and gender issues in agricultural services.

## Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	Principles of Agricultural Economics	Paul w.w.Barkely	Routledge	1983
2	Land Reforms in India,	Appu, P.S.	Vikas. New Delhi.	1996
3	Land, Labour and Rural poverty	Bardhan, P	Oxford University Press	1984
4	The Economic Structure of Backward Agriculture	Bhaduri, A.	Macmillan, New Delhi.	1998
5	Agricultural Economic	Bhardwaj, K.	Himalaya Publishing House, Delhi	1998

## Global Certifications:

Mapped Global Certifications:
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Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1						
2						

Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1			

Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	6	
	Tutorial	15	
	Home Assignment	5	
			26
In-Sem Summative	Semester in Exam-I	17	
	Semester in Exam-II	17	
			34
End-Sem Summative	End Semester	40	40
			100

#### DEMOGRAPHY (DG)

COURSE CODE	23BA3114	MODE	Regular	LTPS	4-1-0-0	PRE-REQUISITE	NIL
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Course Outcomes

CO#	CO Description	BTL	PO Mapping
CO1	The students will be able to have clarity on the various measures of demographic variations	2	PO1,PO3,PO5
CO2	The will be understand the theories of Population and development of the economy.	2	PO1, PO5,PO6
CO3	The students will be able to analyse the Demographic trends and effects of sex and age structure,	3	PO5, PO9, PO6
CO4	The students will be able to analyse the Demographic trends and economic and social implications	4	PO5, PO11,PO3

Syllabus

Module 1	Demography Meaning and scope of demography; Components of population growth and their inter-dependence; Measure of population change; Structure, distribution and sources of population data.
Module 2	Theories of Population Theories of Population-Malthus, optimum theory of population; Theories of demographic transition- views of Medows, Enke and Simon; Population and development.
Module 3	Structure of Population Population trends in the twentieth century; Population explosion-threatened or real, distant or imminent; International aspects of population growth and distribution; Pattern of age and sex structure in developed and less developed countries; Determinants of age and sex structure: Demographic effects of sex and age structure, economic and social implications.
Module 4	Fertility and Nuptiality Importance of study of fertility-total fertility rate, gross and net reproduction rate: Levels and trends of fertility in more and less developed countries; Factors affecting fertility-socio-economic factors (economic status, health, education, nutrition, caste, religion, race, region, rural-urban and status of husband and wife); Nuptiality-concept and analysis of marital status, single mean age at marriage, synthetic cohorts methods; Trends in age at marriage

#### Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	, India's population problem	Agarwala,S.N	Tata McGraw Hill Co, Mumbai	2005
2	Sex Ratio in Indian population: A fresh Exploration	Agnihotri S.B	Sage Pub. New Delhi	2000
3				

#### Global Certifications:

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1	No	No	No	No	No	No
2						

#### Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1	Excel		Open Source

2			
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#### Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	6	
	Tutorial	15	
	Home Assignment	5	
			26
In-Sem Summative	Semester in Exam-I	17	
	Semester in Exam-II	17	34
End-Sem Summative	End Semester	40	40
Total			100

#### INDUSTRIAL ECONOMICS (IE)

COURSE CODE	23BA3115	MODE	R	LTPS	4-1-0-0	PRE-REQUISITE	MME
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CO#	Course Outcome (CO)	PO/PSO	BTL
CO1	It describes the industrialization in India since independence.	PO1	2
CO2	Students will be able to familiarize students with financial institutions financing industries.	PO2	2
CO3	Students will be able to examine different industrial policies and issues in India.	PO3	2
CO4	The students will be able to analyse the Industrial economic concentration and remedial measures in India.	PO4	2

#### Syllabus

Module 1	Industrialisation. Industrialisation-rational. objectives, strategies and policies; Industrialisation In India; Rural industrialisation-issues and problems; Industrial process during plan periods.
Module 2	Large- and small-scale Industries. Large- and small-scale industries-role, performance and problems; Institutional finance-role, nature, volume and types; IDB, IFCI, SFCs, SIDC, Commercial banks etc.
Module 3	Industrial policies and Industrial labour. Indian industrial policies-issues and evaluation; Industrial licensing policy; MRTP Act. Structure of Industrial labour; Industrial relations: Labour market reforms.
Module 4	Relevant issues regarding Indian Industries. Industrial economic concentration and remedial measures; MNCs and transfer of technology; Liberalisation and privatisation; Pollution control policies.

Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	Industrial economics: An Introductory textbook	R.R.Barthwal	New age international ltd.,	1961
2	Industrial Economics: Indian Perspective (3rd Edition),	Desai.B.	Himalaya Publishing House	1994
3	Dynamics of Industrial Relations in India	Mamoria and Mamoria	Himalaya Publishing House	2000
4	Economic Survey (Annual).	Government of India	Government of India	2020
5	Report on currency and Finance	Reserve Bank of India,	Reserve Bank of India,	Annual

Global Certifications:

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Form at of the Exam	Exam Provider	URL of the Certification
1		International Economic Development Council (iedconline.org)	Y		International Economic Development Council (iedconline.org)	<a href="http://iedconline.org">Introduction to Entrepreneurship-led Economic Development - International Economic Development Council (iedconline.org)</a>

Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1			
2			

Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	6	
	Tutorial	15	
	Home Assignment	5	
			26
In-Sem Summative	Semester in Exam-I	17	
In-Sem Summative	Semester in Exam-II	17	34

End-Sem Summative			
End-Sem Summative	End Semester	40	40
End-Sem Summative			
Total			100

### ECONOMICS AND LAW (EL)

COURSE CODE	23BA3116	MODE	R	LTPS	4-1-0-0	PRE-REQUISITE	MME
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### Course Outcomes

CO#	Course Outcome (CO)	PO/PSO	BTL
CO1	The students will be able to Justify the position of women's studies and its development, and identify social construction of gender in the context of gender role and its development.	PO1	2
CO2	Students will be able to describes economic analysis of law relating to consumer activities both national and international aspects	PO2	2
CO3	Students will be able to describes economic analysis of law relating to business organization both national and international aspects.	PO3	2
CO4	The students will be able to familiarize students with different types of economic offence and punishment.	PO4	2

### Syllabus

Module 1	Introduction to Law and Legal Institutions. Economic analysis of law; Introduction to legal reasoning; nature of economic reasoning: Economic approaches to law-history and criticism; The civil law and the common law traditions; the institutions of the federal and state courts systems; the nature of legal dispute; evolution of legal rules.
Module 2	Law relating to Consumer Activities. Bargain theory; economic theory and role of contract; remedies as incentives; formation, defences and performance excuses; bargaining power and unconscious ability; defining tort law; economics of tort liability and economic models; economics of accidents, fault, victims: fault and strict liability; functions of damages; consumer protection; consumer courts.
Module 3	Law of Business Organisation. Structure of firm-kinds, corporations, corporate vest, capital, shares debentures; insiders trading, antitrust, RBI, LRDA, MRPT; role of SEBI; economics of mergers, amalgamations and takeovers: International aspects-GATT, WTO, TRIPS and TRIMS; export and import policy; custom duties; MNC's and direct foreign investment; FEMA
Module 4	Economic Theory of Crime and Punishment. The traditional theory of criminal law; economic theory of crime and punishment; efficient punishment; efficiency of capital sentence; drugs and crime; plea bargaining:

	reforms of criminal procedure and utility thesis; law relating to economic offences; corruption and human rights.
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Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	Law and Economics	R. Coote	Addison-Wesley	2000
2	International financial management	Apte, PG	Tata McGraw Hill Publishing Co Ltd.	1998
3	Encyclopedia of law and economics	Bouckaert, B and G, De Geest (ed),	Edward Elgar Publishing Ltd, UK	1999
4	Global environmental problems and international environmental agreements,	Swanson, T M and S Johnston,	Edward Elgar Publishing Co, UK	2000
5	Intellectual property rights in the WTO and developing countries,	Watal, J,	OUP, New Delhi	2001

Global Certifications:

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1		LSE online	Y		LSE	<a href="#">LSE The Law and Economics of Mergers and Acquisitions Online Certificate Course   LSE Online</a> –
2						

Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1			
2			

Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	6	
	Tutorial	15	
	Home Assignment	5	
			26
	Semester in Exam-I	17	

In-Sem Summative	Semester in Exam-II	17	34
End-Sem Summative	End Semester	40	40
Total			100

### Indian Economy and Policy (IEP)

COURSE CODE	23BA3216	MODE	R	LTPS	4-1-0-0	PRE-REQUISITE	MME
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### Course Outcomes

CO#	CO Description	BTL	PO Mapping
CO1	To understand the resource base and demographic structure of the Indian economy.	2	PO1,PO3,PO5
CO2	To understand the structure and growth of Agriculture, Industry and Service Sector in India.	2	PO1, PO5,PO6
CO3	To understand the external sector of India.	3	PO5, PO9, PO6
CO4	To Understand the achievements of economic planning and developmental challenges in India.	4	PO5, PO11,PO3

### Syllabus

Module 1	Resource Base and Structure of Indian Economy Economic Geography of India – Basic features -Human Resource: Demographic features- Demographic Trend and Pattern since Independence-Changes in Major Demographic Indicators Urbanization and its issues and Problems – Demographic Dividend in India and its issues and Challenges - National Population Policy 2000 - Salient features of Census 2011. HDI of India.
Module 2	Agriculture, Industry and Service Sector Role of Agriculture in Indian Economy-Land Reforms-New Agricultural Strategy - Green Revolution Need for Second Green Revolution - Agricultural Growth and Performance Changes in Land use and Cropping Pattern-Agricultural Finance and Issues Agriculture during Economic Reform Period - WTO and Indian Agriculture. Industrial structure in India: Traditional, SSI, Village, Cottage and Modern industries. - Industrial Policy Resolution in India till 1991 - New Industrial Policy and its impacts. Role and Performance of Service sector in Indian Economy.
Module 3	External Sector Trends and composition of India's Imports - Trends and direction of India's Exports - EXIM Policy of India in relation to trade liberalization and its impacts-FDI, FII and MNCs in India - External Borrowing and BOP problem in India – International Institutions (IMF, WB, ADB, WTO) and the Indian Economy

Module 4	Economic Planning and Development Issues Meaning and rationale of Planning-Basic Strategies, Objectives and Achievements of Planning in India-NITI Aayog - Concept of Poverty and Poverty Line-Trends and Pattern of Urban and Rural Poverty-Poverty alleviation Schemes-Structure and Growth of Employment-Trend and Pattern of Unemployment-Climate Change challenges.
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Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	Indian Economy,	SK Misra and Puri	Himalaya Publishing House, Delhi	2017
2	Indian Economy	Gaurav Dutt and Ashwani Mahajan	C.Chand, Delhi	2018
3	Indian Economy since Independence	Uma Kapila	Academic Foundation	2016
4				

Global Certifications:

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1	No	No	No	No	No	No
2						

Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1	Excel		Open Source
2			

Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	6	
	Tutorial	15	
	Home Assignment	5	
			26
In-Sem Summative	Semester in Exam-I	17	
	Semester in Exam-II	17	34

End-Sem Summative	End Semester	40	40
Total			100

### Welfare Economics (WE)

COURSE CODE	23BA3217	MODE	R	LTPS	4-1-0-0	PRE-REQUISITE	MME
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### Course Outcomes

CO#	CO Description	BTL	PO Mapping
CO1	To understand the Pre-Paretian Welfare Economics and Optimum resource allocation and welfare maximization	2	PO1,PO3,PO5
CO2	To understand the Paretian Welfare Economics of Consumer surplus and tax bounty analysis	2	PO1, PO5,PO6
CO3	To apply the concept of community indifference curve and Value judgment and welfare economics	3	PO5, PO9, PO6
CO4	To Analyse the private and social costs; Problems of non-market interdependence and Pigovian welfare economics	4	PO5, PO11,PO3

### Syllabus

Module 1	Pre-Paretian Welfare Economics. 08 Lectures Benthamite approach to aggregate welfare; Optimum resource allocation and welfare maximization: Assumption of uniform income-utility function of individuals; Income distribution; Issues of interpersonal comparison of utility. Marshallian welfare economics
Module 2	Paretian Welfare Economics. 08 Lectures Consumer surplus; Measurement of consumer surpluses: Principle of compensation variation: Hicks four consumer surpluses; Consumer surplus and tax bounty analysis. Pareto optimality conditions; concept of contract curve; Top level optimum: Infinite number of non-comparable optima versus unique social optimum.
Module 3	Compensation Criteria. 08 Lectures Contribution of Barone, Kaldor and Hicks, Scitovsky double criterion; concept of community indifference curve: Samuelsons utility possibility curve; Value judgment and welfare economics: Bergsons social welfare function, Arrow impossibility theorem
Module 4	Later Development. 08 Lectures Divergence between private and social costs; Problems of non-market interdependence: Externalities of production and consumption; External economics and diseconomics; Problem of Public goods, Pigovian welfare economics; Second best optima; Cost-benefit analysis; Dynamic welfare economics.

### Reference Books:

Sl No	Title	Author(s)	Publisher	Year
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1	Welfare Economics and the theory of the State	Baumol, W J	Longmans, London	1965
2	Income, Saving and the Theory of Consumer behaviour	Duesenberry, J S,	Harvard University Press	1949
3	Welfare Economics and Social Choice Theory	Feldman, A M,	MartinusNijhofl, Boston	1980
4	Theoretical Welfare Economics	Graaff J,de, V	Cambridge University Press	1957

Global Certifications:

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1	No	No	No	No	No	No
2						

Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry		Open Source/ Commercial
1	Excel			Open Source
2				

Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	6	
	Tutorial	15	
	Home Assignment	5	
			26
In-Sem Summative	Semester in Exam-I	17	
	Semester in Exam-II	17	34
End-Sem Summative	End Semester	40	40
Total			100

COMPUTER APPLICATION IN ECONOMICS (CAE)

COURSE CODE	23BA3218	MODE	R	LTPS	4-1-0-0	PRE-REQUISITE	MME
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Course Outcomes

CO#	Course Outcome (CO)	PO/PSO	BTL
CO1	The students will be able to have a basic understanding of personal computers and their operations.	PO1	
CO2	The students will be able to know the various software and hardware, various security issues.	PO2	
CO3	The students will be able to apply the Statistical Processing Techniques and Methods	PO3	
CO4	familiarize students with complete fundamentals and the packages commonly used in computing software.	PO4	

#### Syllabus

Module 1	<p>Introduction to Computer and Peripherals.</p> <p>Computer components-CPU, input-output devices, key board, mouse and scanner, video display. printers and plotters, data storage and retrieval, hard disk, floppy disk and CD ROM; Types of computer and their applications; Unit III: MS Excel :Excel Basics – Introduction – Menus, Commands, Toolbars and their Icons – Data Sort – Functions – Excel Exercises.</p>
Module 2	<p>Data processing, Techniques and Algorithms.</p> <p>Concept of data, record and files; types of data and data structures, data analysis, file handling and operations like opening, appending and cascading, closing and attribute control: data operations; Algorithms like sorting, merging, joining and bifurcation; data base concepts and operations on data base; DBNS and RDBMS.</p>
Module 3	<p>Statistical Processing Techniques and Methods</p> <p>Series, group, tables, graph and objects; time and frequency series; regression methods and techniques: regression analysis; data validation; trends and cyclical forecasting; system modelling and description; system equation; specification; error and correction strategies; statistical modelling and descriptive statistics; distribution functions; regression statistics.</p>
Module 4	<p>Economic Forecasting</p> <p>Computers help to develop complex forecasting models. The prediction of GDP, population, Output etc may be made accurately and reliably with the help of computers. Trading(E-Commerce or E-Business) The growth of internet facilitated the massive growth in online trading. For.eg., Amazon, Flipkart etc., Preparation of tables, analysis of data with the help of statistical of also possible and easy. Foreg., SPSS, STATA, etc., They further provide instant access to large number of sources from which literature, articles, research papers, reports can be downloaded. Reports Computers help to prepare and present research reports, Research Computers help their searchers to complete their research works. Collection of research materials, data, analysis, storing of data and for preparation of reports</p>

#### Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	A First Course in Computers	Sanjay Saxena	Vikas Publishing House Pvt Ltd	2003

2	Quantitative approaches to management, (3rd ed),	Levin,R I and C A Kirkpatrick	McGraw hill	2003
3	Theory and problems of data processing	Lipschultz,M M and S,Lipschultz	Schums outline series, McGraw Hill	1982
4	Introduction to linear algebra	Mirsky,L	Oxford University Press	1955
5	Fundamentals of computers	Rajaraman, V	Prentice Hall ofIndia	1996

#### Global Certifications:

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1	Certificate in Computational Economics and Data Analytics	rutgers.edu	Y		rutgers.edu	<a href="https://www.rutgers.edu/computational-economics-and-data-analytics">Certificate in Computational Economics and Data Analytics (rutgers.edu)</a>
2						

#### Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1			
2			

#### Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	6	
	Tutorial	15	
	Home Assignment	5	
			26
In-Sem Summative	Semester in Exam-I	17	
	Semester in Exam-II	17	34
End-Sem Summative	End Semester	40	40
<b>Total</b>			<b>100</b>

## Geography of India (GOI)

COURSE CODE	23SDBA01	MODE	Regular	LTPS	1-0-0-4	PRE-REQUISITE	Nil
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### Course Outcomes

CO#	CO Description	BTL	PO Mapping
CO1	To understand the concepts of Location and extension of India.	2	PO1
CO2	Understand the basic concepts of Physiographic Structure of India	2	PO2
CO3	Understand the various concepts of Economic activity of India.	3	PO1
CO4	Understand the composition, nature and structure of the earth's atmosphere	4	PO 2

### Syllabus

Module 1	Definition, nature and scope of geomorphology; Factors controlling landform development; endogenetic and exogenetic forces; Origin and evolution of the earth's crust; Fundamentals of geomagnetism; Physical conditions of the earth's interior; Geosynclines; Continental drift; Isostasy; Plate tectonics; Recent views on mountain building; Vulcanicity; Earthquakes and Tsunamis, Weathering Process: Physical, Chemical and Biological; Mass wasting and resultant landforms;
Module 2	work of running water- erosional and depositional landforms; Aeolian Landforms: work of wind- erosional and depositional land forms; Glacial landforms: work of glacial and their resultant landforms; Climatology: Nature, composition and layering of the atmosphere, Insolation: controlling factors. Heat budget of the atmosphere, Temperature: horizontal and vertical distribution,
Module 3	types, causes and consequences, Planetary and local winds; Monsoons and jet streams; Air masses and frontogenesis, Temperate and tropical cyclones; Types and distribution of precipitation; Weather and Climate; Koppen's classification of world climates
Module 4	Bottom topography of the Atlantic, Indian and Pacific Oceans; Temperature and salinity of the oceans; Ocean deposits; Waves, currents and tides.

### Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	Physical Geography	Savindra Singh	Prawallika Publications	2007
2	Geomorphology	Savindra Singh	Prawallika Publications,	2002
3	Modern Physical Geography	Strahler, A. N. And Strahler	A. H. John Wiley and Sons, London	1989

### Global Certifications:

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1						
2						

### Tools used in Practical / Skill:

SI No	Tool Name	Parent Industry	Open Source/ Commercial
1			
2			

#### Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	15	25
	Home Assignment	10	
In-Sem Summative	Sem in 1	17.5	35
	Sem in 2	17.5	
End-Sem Summative	End Sem Exam	40	40

#### HISTORY OF ANCIENT INDIA (HAI)

COURSE CODE	23SDBA02	MODE		LTPS	1-0-0-4	PRE-REQUISITE	Nil
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#### Course Outcomes

CO#	Course Description (CO)	BTL	PO Mapping
CO1	To acquire knowledge of socio-political conditions of the ancient history of India	2	PO1
CO2	To understand how agriculture evolved in India	2	PO2
CO3	Understand how political and administrative systems developed in India	3	PO1
CO4	Understand the development of architecture, science, art and literature during the ancient period	4	PO 2

#### Syllabus

Module 1	Sources of early Indian History – pre-historic period – Paleolithic, Mesolithic and Neolithic cultures; Indus valley Civilization –Its characteristic features- Origin; town planning; agrarian base; craft -productions and trade; Vedic culture – Early and later Vedic Period; Post-Vedic period Emergence of Varna and caste system.
Module 2	A brief survey of political and religious conditions in ancient India – Mahajanapadas- Republic and growth of urban centers- Rise of Jainism and Buddhism in 6 <sup>th</sup> Century B.C. Rise of Magadha- Nandas- Alexander’s Invasion - Mauryas – Kalinga war- Ashoka’s Dhamma, Its nature and propagation – Mauryan Administration – Economy – Art and Architecture- Kautilya and Arthashastra
Module 3	Post-Mauryan period in North India-A brief political survey of Kushans, Guptas, Polity and Administration-Social Conditions-Caste System – position of Women- Economy-Art-Architecture-Education, Literature, Philosophy.

Module 4	A brief political survey of South India-Sangam Age-Satavahanas-Pallavas- Chalukyas, - Polity and Administration, Society, Economy-Art and – Architecture.
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Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	India's Ancient Past	R.S. Sharma	Oxford University Press	2005
2	A History of Ancient and Early Medieval India	Upinder Singh	Pearson Education India	2008
3	The Wonder that was India, A.L. Basham, Picador, 2004.	A.L. Basham	Picador	2004
4	Early India from the Beginnings to 1300.	Romila Thapar	Penguin, London	2003

Global Certifications:

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1	Indian Culture and History	Shri Lal Bahadur Shastri National Sanskrit University, New Delhi	yes	Offline written exam	Swayam nptel	<a href="https://www.careers360.com/university/shri-lal-bahadur-shastri-national-sanskrit-university-new-delhi/indian-culture-and-history-certification-course">https://www.careers360.com/university/shri-lal-bahadur-shastri-national-sanskrit-university-new-delhi/indian-culture-and-history-certification-course</a>

Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1	NA	NA	NA
2			

Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	15	25
	Home Assignment	10	
In-Sem Summative	Sem in 1	17.5	35
	Sem in 2	17.5	

End-Sem Summative	End Sem Exam	40	40
Total			100

### SOCIAL GEOGRAPHY OF INDIA (SGI)

COURSE CODE	23SDBA03	MODE	Regular	LTPS	1-0-0-4	PRE-REQUISITE	Nil
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#### Course Outcomes

CO#	CO Description	BTL	PO Mapping
CO1	Understand the basic concepts of Social Geography	2	PO1
CO2	The students will be able to gain basic knowledge about Types of regions and methods of regionalization.	2	PO2
CO3	The students will get the concept about Integrated rural development programmes, Regional and Local Development Programmes.	3	PO1
CO4	The students will acquire knowledge in the Regional consciousness and interstate issues; international boundary of India and related issues.	4	PO 2

#### Syllabus

Module 1	Historical Perspective of Indian Society; Racial, linguistic and ethnic diversities; major tribes, tribal areas and their problems; cultural regions; Growth, distribution and density of population; Demographic attributes: sex-ratio, age structure, literacy rate, work-force, dependency ratio, longevity; migration and associated problems; Population problems and policies.
Module 2	Concept of a region; Types of regions and methods of regionalisation; Characteristics and Delineation of Planning Region; Panchayati Raj and decentralised planning; multi-level planning; Regional imbalances; regional development strategies; environmental issues in regional planning; Planning for sustainable development. Experience of regional planning in India;
Module 3	Integrated rural development programmes; Command area development; Watershed management; Planning for backward area, desert, drought prone, hill, tribal area development; Regional and Local Development Programmes: MGNREGA, IAY and PMGSY (Rural),
Module 4	JNNURM and NIUS (Urban); Regional planning and development of island territories. Geographical basis of Indian federalism; State re-organisation; Emergence of new states; Regional consciousness and interstate issues; international boundary of India and related issues;

#### Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	Social Geography	Aijazuddin Ahmad	Rawat Publications	1999
2	India: A Comprehensive Geography	D.R. Khullar	Kalyani Publishers	2018
3				

Global Certifications:

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1						
2						

Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1			
2			

Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	15	25
	Home Assignment	10	
In-Sem Summative	Sem in 1	17.5	35
	Sem in 2	17.5	
End-Sem Summative	End Sem Exam	40	40
Total			100

WORLD PHYSICAL GEOGRAPHY (WPG)

COURSE CODE	23SDBA04	MODE	REGULAR	LTPS	1-0-0-4	PRE-REQUISITE	Nil
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Course Outcomes

CO#	CO Description	BTL	PO Mapping
CO1	To understand the concepts of Location and extension of India.	2	PO1
CO2	Understand the basic concepts of Physiographic Structure of India	2	PO3
CO3	Understand the various concepts of Economic activity of India.	3	PO7
CO4	Analyse the composition, nature and structure of the earth's atmosphere	4	PO10

Syllabus

Module 1	Earth's tectonic and structural evolution with reference to geological time scale. Earth's interior with special reference to seismology. Isostasy: Models of Airy, Pratt and their applicability. Plate Tectonics as a unified theory of global tectonics: Processes and landforms at plate margins and hotspots
Module 2	Folds and Faults—origin and types. Degradational processes: Weathering, mass wasting and resultant landforms Processes of entrainment, transportation, and deposition by different geomorphic agents. Role of humans in landform development
Module 3	Development of river network and landforms on uniclinal and folded structures. Surface expression of faults. Development of river network and landforms on granites, basalts and limestones
Module 4	Coastal processes and landforms. Glacial and glacio-fluvial processes and landforms Aeolian and fluvio-aeolian processes and landforms Role of time and systems approach in geomorphology. Models on landscape evolution: Views of Davis, Penck, King and Hack

Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	Geography of India and World	Savinder singh	Pravalika publications, Allahabad	2023

Global Certifications:-

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1						
2						

Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1			
2			

Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	15	25
	Home Assignment	10	
In-Sem Summative	Sem in 1	17.5	35
	Sem in 2	17.5	

End-Sem Summative	End Sem Exam	40	
Total			100

#### HISTORY OF MODERN INDIA (1858-1947 C.E.) (HMol)

COURSE CODE	23BA2225	MODE		LTPS	1-0-0-4	PRE-REQUISITE	Nil
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#### Course Outcomes

CO#	Course Description (CO)	BTL	PO Mapping
CO1	Understand the background and the need for the social reform movements in India in the nineteenth century	2	PO1
CO2	Understand the reasons for the rise of nationalism in India during the nineteenth century	2	PO2
CO3	Know about the role of Gandhi in the movement for Indian independence	3	PO1
CO4	Understand the process by which India achieved independence and also getting to know why partition occurred	4	PO 2

#### Syllabus

Module 1	Social and Religious Reform Movements after 1857: The advent of printing and its implications - Reform and Revival: Prarthna Samaj, Ramakrishna and Vivekananda, Arya Samaj, Wahabi, Deoband, Aligarh and Singh Sabha movements - Debates around gender - Making of religious and linguistic identities Caste: Sanskritising and anti – Brahminical trends.
Module 2	Rise of Nationalism: Political Ideology and organizations- Formation of INC – Moderates and Extremists Phase – Partition of Bengal- Formation of Muslim League- Swadesh movement –Revolutionaries.
Module 3	Nationalism after 1919: Gandhian nationalism after 1919: Ideas and Movements: Mahatma Gandhi: his Perspectives and Methods – (i) Impact of the First World War (ii) Rowlatt Satyagraha and Jallianwala Bagh (iii) Non – Cooperative and Civil Disobedience (iv) Provincial Autonomy, Quit India and INA Left–wing movements - Princely India: States’ people’s movements - Nationalism and Culture: literature and art Nationalism and Social Groups: Interfaces: Landlords, Professionals, and Middle Classes - Peasants - Tribals - Labour - Dalits – Women - Business groups Communalism: Ideologies and practices – RSS, Hindu Maha Sabha, Muslim League.
Module 4	Independence and Partition -Negotiations for independence and partition - Popular movements – Riots and refugees issue -Emergence of a New State- Making of the Constitution - Integration of princely states.

#### Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	From Plassey to Partition,	Sekhar Bandopadhyay,	Orient Blackswan,	2014

2	India's Struggle for Independence	Bipan Chandra Mridula Mukherjee Aditya Mukherjee K N Panikkar Sucheta Mahajan,	Penguin Random House India	2016
3	A New Look at Modern Indian History from 1707 to the Modern Times	B.L.Grover	S.Chand Publication	2018
4	India After Gandhi: The History of the World's Largest Democracy	Ramachandra Guha	Picador India	2017

Global Certifications:

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1	Economic History of India from 1857 to 1947	Swayam	yes	30% Course Assessment and 70% End-Term Proctored exam	St. Alberts College, Ernakulam	<a href="https://www.careers360.com/colleges/st-alberts-college-ernakulam/economic-history-of-india-from-1857-1947-certification-course">https://www.careers360.com/colleges/st-alberts-college-ernakulam/economic-history-of-india-from-1857-1947-certification-course</a>
2						

Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1	NA	NA	NA
2			

Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	15	25
	Home Assignment	10	
In-Sem Summative	Sem in 1	17.5	35
	Sem in 2	17.5	
End-Sem Summative	End Sem Exam	40	40
Total			100

## Introduction to Indian Polity (IIP)

COURSE CODE	23VABA01	MODE	R	LTPS	4-0-0-0	PRE-REQUISITE	NILL
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CO#	Course Outcome (CO)	PO/PSO	BTL
CO1	The students will be able to have a basic understanding of polity	PO1	
CO2	The students will be able to know the various types of Governments	PO2	
CO3	The students will be able to apply the Indian constitutional scheme with that of other countries	PO3	
CO4	familiarize students with complete fundamentals Separation of powers between various organs, dispute redressal mechanisms	PO4	

## Syllabus

Module 1	Historical Underpinnings, evolution, features, Amendments, and basic structure.
Module 2	Functions and responsibilities of the Union and the States.
Module 3	Comparison of the Indian constitutional scheme with that of other countries.
Module 4	Separation of powers between various organs, dispute redressal mechanisms and institutions. Parliament and State Legislatures – structure, functioning, the conduct of business, powers & privileges and issues arising out of these.

## Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	Indian Polity (7 <sup>th</sup> Edition)	M. Laxmikanth	MG Graw Grill Publication	2023
2	Indian Polity (Old Edition)	M. Laxmikanth	MG Graw Grill Publication	2019
3	Introduction to the Constitution of India	Durga Das Basu	Lexis Nexis Butterworths Publication	2020

## Global Certifications:

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1	Online Course on Indian Constitution	NALSAR University of Law	N	Online Mode	NALSAR University of Law, Hyderabad.	<a href="#">Nalsar University of Law</a>

## Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1			
2			

#### Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	15	25
	Home Assignment	10	
In-Sem Summative	Sem in 1	17.5	35
	Sem in 2	17.5	
End-Sem Summative	End Sem Exam	40	40
Total			100

#### HISTORY OF MEDIEVAL INDIA (HMI)

COURSE CODE	23VABA02	MODE		LTPS	4-0-0-0	PRE-REQUISITE	Nil
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#### Course Outcomes

CO#	Course Description (CO)	BTL	PO Mapping
CO1	To acquire knowledge of socio-political conditions of early medieval history of India	2	PO1
CO2	To gain knowledge of socio-political conditions of the Delhi Sultanate Period	2	PO2
CO3	To acquire knowledge of socio-political conditions of Mughal Period	3	PO1
CO4	To gain knowledge of socio-religious movements in Medieval India	4	PO 2

#### Syllabus

Module 1	Sources: texts, epigraphic and numismatic data; A brief political history of North India-Pratiharas, Palas and the rise of Rajputs; South India- Rashtrakutas and Cholas-Polity and Administration, Society, Economy-Art and – Architecture- Debates on Indian feudalism and the nature of the state.
Module 2	Invasions of Arabs: Ghaznavids and Ghorids - Delhi Sultanate: Foundation, expansion and consolidation of the Sultanate of Delhi; The Khaljis and the Tughluqs; Mongol threat and Timur's invasion; The Lodis: - Ibrahim Lodi and the battle of Panipat; Polity and Administration under Delhi Sultanate, Society; Agriculture-Industry-Trade and Commerce - Art and Architecture-Fine Arts-Education and Literature.
Module 3	Establishment of Mughal Empire – Sur Interregnum – Brief Survey of Political History up to 1707 AD – Polity and administration - Society-Social Composition-Status of

	Women -Economy: Agriculture Industries, Trade and Commerce, Economic and Technology development; Literature, Art, Architecture and Fine Arts.
Module 4	Impact of Islam on Indian Society and culture-Bhakti and Sufi Movements Emergence of Composite culture– Kabir, Nanak and the Sant tradition- Hindu – Muslim relations.

Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	History of Medieval India	Satish Chandra	Orient Blackswan,	2007
2				
3	Advanced Study in the History of Medieval India, Vols. I and II,	J.L. Mehta	Sterling Publishers	2009
4	Cambridge Economic History of India, Vol.1	Tapan Raychaudhuri and Irfan Habib	Orient Longman, 1994	1994

Global Certifications:

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1	Delhi Sultanate	St. Xavier's College, Kolkata	yes	30% internal assessment and 70% end-term	Swayam	<a href="https://www.careers360.com/colleges/st-xaviers-college-kolkata/delhi-sultanate-certification-course">https://www.careers360.com/colleges/st-xaviers-college-kolkata/delhi-sultanate-certification-course</a>
2						

Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1	NA	NA	NA
2			

Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	15	25
	Home Assignment	10	

In-Sem Summative	Sem in 1	17.5	35
	Sem in 2	17.5	
End-Sem Summative	End Sem Exam	40	40
Total			100

### INDIAN HISTORY AND CULTURE (1526-1857 C.E.) (IHC)

COURSE CODE	23VABA04	MODE		LTPS	4-0-0-0	PRE-REQUISITE	Nil
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#### Course Outcomes

CO#	Course Description (CO)	BTL	PO Mapping
CO1	Learners will comprehend the establishment of the Medieval Deccan kingdoms as well as its consequences	2	PO1
CO2	To understand the advent of the European powers in India during this period and their interaction with Indians	2	PO2
CO3	To understand the British rise to power, administration, and impact in India	3	PO1
CO4	To understand the nature of popular participation and participation in these uprisings before and after 1857	4	PO 2

#### Syllabus

Module 1	South India during the medieval ages –Vijayanagara Kingdom – Political, Social and Economic conditions –Rivalry with the Bahmani Sultanate – Decline –Declining phase of the Mughal Empire (1707 onwards)-Rise of regional states- Marathas, Mysore and the Sikhs.
Module 2	Advent of Europeans – English, Portuguese, Dutch, Denmark, French –Expansion and consolidation of the territorial hegemony of the English East India Company – Instruments of expansion - Bengal Wars, Anglo-Mysore Wars, Anglo –Martha Wars, Anglo –Sikh Wars - Subsidiary alliance, Doctrine of lapse.
Module 3	Three stages of British colonialism in India – Policies Introduced by the East India Company in India—Administrative reforms, Judicial Reforms – Educational Reforms – Trade policies, Agrarian reforms –Social Reforms –Impact on Indian Traders, Peasants, artisans etc.
Module 4	Uprisings in India under the Company’s Rule –1857 revolt—Causes, Course, Consequences – Government of India Act 1858.

#### Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	From Plassey to Partition,	Sekhar Bandopadhyay,	Orient Blackswan,	2014
2	India’s Struggle for Independence,	Bipan Chandra	Orient Blackswan,	2009
3	A Brief History of Modern India	Rajiv Ahir,	Spectrum Publications	2018

4	An Advanced History of India	R.C. Majumdar, H.C. Roychaudhuri and Datta	Laxmi Publications	2016
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Global Certifications:

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1	Modern India Art From the Colonial Period to the Present	Visva Bharati University	yes	25% Assignment and 75% End sem	Swayam	<a href="https://www.careers360.com/university/visva-bharati-santiniketan/modern-india-art-from-colonial-period-present-certification-course">https://www.careers360.com/university/visva-bharati-santiniketan/modern-india-art-from-colonial-period-present-certification-course</a>

Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1	NA	NA	NA
2			

Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	15	25
	Home Assignment	10	
In-Sem Summative	Sem in 1	17.5	35
	Sem in 2	17.5	
End-Sem Summative	End Sem Exam	40	40
Total			100

HISTORY OF MODERN WORLD (HMW)

COURSE CODE	23VABA05	MODE		LTPS	4-0-0-0	PRE-REQUISITE	Nil
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Course Outcomes

CO#	Course Description (CO)	BTL	PO Mapping
CO1	Understand about the rise of Europe and the modern Nation-State from the time of the Renaissance onwards	2	PO1

CO2	Understand how the Scientific Revolution and the Voyages of Discovery led to European Colonialism in Asia, Africa and the Americas	2	PO2
CO3	Understand how the rise of Germany, Italy and Japan led to World War I and World War II	3	PO1
CO4	Understand the rise of the United Nations and the Cold War as well as decolonization of Asia and Africa	4	PO 2

#### Syllabus

Module 1	Characteristic features of Renaissance-Significance of Reformation and Counter Reformation movements in Europe-Geographical Discoveries and Rise of Colonialism. Emergence of Nation States in Europe – Nature of Feudalism in Europe and Asia.
Module 2	Age of Revolutions-Glorious Revolution (1688)-American Revolution (1776)- French Revolution (1789)-Industrial Revolution and Rise of Capitalism-Impact on Asia and Africa-Meiji Restoration and Modernisation of Japan-Unification Movements in Germany and Italy.
Module 3	World between 1914-1945 Rivalry among colonial powers Imperialist Hegemony-Causes and consequences of first World War – World between the Wars – League of Nation, Fascism in Italy, Nazism in Germany, Militarism in Japan – Communist Movements in Russia and China.
Module 4	Causes and consequences of Second World War – UNO-Decolonization in Asia and Africa.

#### Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	A History of the Modern World	Jain & Mathur	Jain Prakashan Mandir	2004
2	Mastering Modern World History	Norman Lowe	Boomsbury Publishing	2013
3	World History: From Early Times to 2011 AD	B.V.Rao	Sterling Publishers Pvt. Ltd.	2014
4	World History for Civil Service Examination	K.Krishna Reddy	Mc Graw hill education (India) Pvt. Ltd	2018

#### Global Certifications:

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1	The Modern World, Part Two: Global History since 1910	University of Virginia	No	NA	Coursera	<a href="https://www.coursera.org/learn/modern-world-2">https://www.coursera.org/learn/modern-world-2</a>
2						

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Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1	Gaming the Past	Gaming the Past: Historical Video games in the classroom and beyond	<a href="https://gamingthepast.net">https://gamingthepast.net</a>
2			

Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	15	25
	Home Assignment	10	
In-Sem Summative	Sem in 1	17.5	35
	Sem in 2	17.5	
End-Sem Summative	End Sem Exam	40	40
Total			100

### ECONOMIC GEOGRAPHY (EG)

COURSE CODE	23VABA06	MODE	REGULAR	LTPS	4-0-0-0	PRE-REQUISITE	Nil
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Course Outcomes

CO#	CO Description	BTL	PO Mapping
CO1	To understand the essence of Climatology and Oceanography	2	PO1
CO2	To acquaint students with the variety of man-made resources in India and their development.	2	PO3
CO3	To help the students to acquire knowledge of agriculture and industry of India and thus to broaden their outlook.	3	PO7
CO4	To make understand the Transport, Communication and Trade of different parts of India	4	PO10

Syllabus

Module 1	Meaning and approaches to economic geography .Concepts in economic geography: Goods and services, production, exchange and consumption. Concept of economic man, theories of choices Economic distance and transport costs
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Module 2	Concept and classification of economic activities .Factors affecting location of economic activity with special reference to agriculture (vonThünen), and industry (Weber)
Module 3	Primary activities: Agriculture, forestry, fishing and mining.Secondary activities: Classification of manufacturing, concept of manufacturing regions,special economic zones and technology parks.Tertiary activities: Transport, trade and services
Module 4	Transnational sea-routes, railways and highways with reference to India.International trade and economic blocs.WTO and BRICS: Evolution, structure and functions

Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	Economic Geography	Savinder singh	Pravalika publications, Allahabad	2012

Global Certifications:----

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1						
2						

Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1			
2			

Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	15	25
	Home Assignment	10	
In-Sem Summative	Sem in 1	17.5	35
	Sem in 2	17.5	
End-Sem Summative	End Sem Exam	40	
Total			100

INTERNAL SECURITY (IS)

COURSE CODE	23OEBA01	MODE	Regular	LTPS	3-0-0-0	PRE-REQUISITE	Nil
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#### Course Outcomes

CO#	CO Description	BTL	PO Mapping
CO1	To make the students understand the basic concepts related to Internal security.	2	PO1
CO2	To make the students understand the Indian security challenges and management.	2	PO2
CO3	To make the students understand the basic concepts of Organized Crimes, Indian Security Mandate.	3	PO1
CO4	To make the students to know about Money Laundering, Cyber Crimes, and Cyber Security issues.	4	PO 2

#### Syllabus

Module 1	Internal Security, External Security, Challenges and Threats on Indian Security (Internal), External Security Threats and Challenges, Communal Violence, The Polarity dominance depends Communal Violence.
Module 2	Terrorism, Insurgency, The Rise of Insurgency in North East India, Left Wing Extremism, Maoist Modus Operandi, and Development and Spread of Extremism.
Module 3	Security Challenges in Indian Boarder Areas, Security Forces and its mandate: Dealing with External Threats, Organized Crimes, Types of Organized Crimes, Linkages Between Organized Crimes and Terrorism, Organized Crime and India.
Module 4	Money Laundering and Black Money, Cyber Crimes, Treats, & Cyber Security, Cyber Security, Types of Cyber Security, Legal frame work, International Cooperation, and Cyber Security, social media and Key Issues.

#### Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	Challenges to Internal Security of India. (4th Edition)	Ashok Kumar IPS (2020)	MG Graw Grill Publication	2020
2	Internal Security	Panveet Singh	MG Graw Grill Publication.	2021
3	Internal Security of India and Disaster Management	Sayed Waquar Raza (IPS)	Oxford University Press	2021

#### Global Certifications:

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1	International Security Graduate Certificate	Harvard Extension School, Harvard University.	N	Online Mode	Harvard University.	<a href="#">International Security Graduate Certificate   Harvard Extension School</a>

#### Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
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1			
2			

#### Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	15	25
	Home Assignment	10	
In-Sem Summative	Sem in 1	17.5	35
	Sem in 2	17.5	
End-Sem Summative	End Sem Exam	40	40
Total			100

#### International Relations (IR)

COURSE CODE	23OEBA02	MODE	Regular	LTPS	3-0-0-0	PRE-REQUISITE	Nil
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#### Course Outcomes

CO#	CO Description	BTL	PO Mapping
CO1	Understand the concepts and evolution of International Relations	2	PO1, PO3, PO10
CO2	Understand the role of International Organisations in global politics	2	PO1, PO9, PO10
CO3	Understand the basic structure and evolution of Indian foreign policy	2	PO1, PO3, PO9, PO10
CO4	Understand the significant issues and challenges of India's foreign policy	2	PO4, PO9, PO10, PO1

#### Syllabus

Module 1	Meaning, scope and nature of International Relations, Evolution of International Relations Theories: Realist, Liberal, Marxist and Critical Theories of IR, Emergence of nation states and nationalism, Power Politics: Balance of Power, Geopolitics, Bipolarity, Unipolarity, Multipolarity and Polycentrism. Pre-World War I International System, and Post-World War II Period (Cold War).
Module 2	International Organizations and Global Governance Role of International Organizations in International Peace and Security, Development, cooperation and Democratization, United Nations: Role, Relevance, and Reforms, SAARC, BRICS, G8, G20, etc , Global Governance: Issues and Challenges.

Module 3	Determinants of India's Foreign Policy Mission and Objective of India's Foreign Policy Evolution of India's Foreign policy, Institutional Frame work of India's Foreign policy-India's diplomacy. Non-Alignment, Panchasheel, Look East Policy, 'Act East. Impact of LPG, Liberalization, Globalization and Privatization,
Module 4	Issues in Indian foreign policy. India and Pakistan, Issues with neighboring countries, India USA. India USSR, India China., India Brazil, India South Africa, India Israel, and India-Japan Relations

#### Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	International Relations	Vinay Kumar Malhotra	Anmol Publications, New Delhi.	2016
2	Indian Foreign policy Since Independence	V.P.Dutt	National Book Trust New Delhi.	2017
3	International Relations: The Basics	Peter Sutch and Juanita Elias	Taylor and France Publishers.	2007
4	International Relations: Theory and Practice	Nirmal Jindal and Kamal Kumar	Sage Publications	2020

#### Global Certifications:

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1	BSc in International Relations	London School of Economics and Political Science	Y	Online	London School of Economics and Political Science	<a href="http://lse.ac.uk">BSc International Relations (lse.ac.uk)</a>
2	Certificate Course on Power and Foreign Policy in International Relations	OP Jindal University	N	Online (Coursera)	OP Jindal University	<a href="https://www.coursera.org">Power and Foreign Policy in International Relations   Coursera</a>

#### Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1	Excel		
2			

Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	15	25
	Home Assignment	10	
In-Sem Summative	Semester in Exam-I	17.5	35
	Semester in Exam-II	17.5	
End-Sem Summative	End Semester	40	40
Total			100

Human Geography of India (HGI)

COURSE CODE	23AUBA01	MODE	Regular	LTPS	1-0-0-4	PRE-REQUISITE	Nil
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Course Outcomes

CO#	CO Description	BTL	PO Mapping
CO1	To acquire an understanding of and appreciation for the relationship between geography and culture	2	PO1
CO2	To have a general understanding of global human population patterns, factors influencing the distribution and mobility of human populations	2	PO2
CO3	To have a general understanding urban settlement and networks, and human impacts on the physical environment	3	PO1
CO4	To make understand the different features of rural settlement	4	PO 2

Syllabus

Module 1	Nature, scope and recent trends; Approaches of Human Geography; Race and Ethnic Groups: concept, origin, diffusion and distribution; Language: origin, diffusion and distribution; Cultural regions of the world; Man-environment relationship: Environmental determinism and possibilism
Module 2	Growth and distribution of world population; demographic attributes; Theories of Population Growth: Malthus, Demographic Transition; Types, causes and consequences of migration;
Module 3	Concepts of over-under-and optimum population; Social well-being and quality of life; Human Development index. Hierarchy of urban settlements; ; Urban morphology: Concepts of Metropolis, Megalopolis, Conurbation, primate city and rank-size rule;
Module 4	Functional classification of towns; Sphere of urban influence; Rural - urban fringe; Satellite towns; Problems and remedies of urbanization; Central Place theories of Christaller, Site and situation; Types and patterns of rural settlements; Morphology and segregation of rural settlements (Indian context)

Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	Economic and Social Geography	R. Knowles & J. Wareing	Rupa Publication	2011
2	Human Geography	Majid Hussain	Rawat Publication	2018
3	Introduction of Human Geography	David Dorrel, Joseph Henderson, Toddy Lindley and G. Connor	University System of Georgia, University of North Georgia Press	2019

Global Certifications:

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1						
2						

Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1			
2			

Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	15	25
	Home Assignment	10	
In-Sem Summative	Sem in 1	17.5	35
	Sem in 2	17.5	
End-Sem Summative	End Sem Exam	40	40
			100

## INSTITUTIONS AND WELFARE MECHANISM (IWM)

COURSE CODE	23AUBA02	MODE		LTPS	4-0-0-0	PRE-REQUISITE	Nil
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CO#	Course Outcome (CO)	BTL	PO/PSO
CO1	The students will be able to understanding welfare scheme of India	2	PO1
CO2	The students will be able to get the knowledge various programmes	2	PO2
CO3	The students will understand laws and institutions welfare mechanism	3	PO3
CO4	Students will able to get knowledge of Department of Health and Education human resources	4	PO4

### Syllabus:

Module 1	Introduction to Various Welfare schemes
Module 2	Welfare schemes for vulnerable sections of the population by the Centre and States and the performance of these schemes
Module 3	Mechanisms, laws, institutions, and Bodies constituted for the protection and betterment of these vulnerable sections
Module 4	Health, Education, Human Resources

### Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	Indian Polity	M.Lakmikanth	Mc Graw Hill,	2022
2	Introduction to the Constitution of India	Durga Das Basu	Lexis Nexis Butterworths Wadhwa	2018.
3	Our Parliament: An Introduction to the Parliament of India	Subhash C. Kashyap	National Book Trust	2004

### Global Certifications: ----

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1						

### Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1			
2			

### Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	15	25
	Home Assignment	10	
In-Sem Summative	Sem in 1	17.5	35
	Sem in 2	17.5	
End-Sem Summative	End Sem Exam	40	
Total			100

### Indian Governance and Issues (IGI)

COURSE CODE	23AUBA03	MODE	R	LTPS	4-0-0-0	PRE-REQUISITE	NILL
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### Course Outcomes

CO#	CO Description	BTL	PO Mapping
CO1	Understand constitutional provisions and Indian Administration	2	PO1,PO3,PO5
CO2	Understand the functioning and structure of the Indian Governance	2	PO1, PO5,PO6
CO3	know about the Union and state level administration process	3	PO5, PO9, PO6
CO4	Understand the structure and levels of government in India	4	PO5, PO11,PO3

### Syllabus

Module 1	Historic Background – Company Rule – Crown Rule – Salient Features of the Constitution – Preamble – Union and its Territory – Citizenship – citizenship Act 1955 - Fundamental Rights – Fundamental Duties – Directive Principles of State Policy and Amendment of the Constitution President; Election, Oath, Qualifications, Term, impeachment, powers and functions, Veto power, Ordinance making Power, Pardoning power and constitutional position – Vice President; Election, Oath, Qualifications, Term, impeachment, powers and functions - Prime Minister – Central Council of Ministers – Cabinet Committees – Parliament; Organization, Composition of Houses, Membership, Presiding Officer, Sessions..
Module 2	Legislative Procedure and Privileges – Parliamentary Committees – Supreme Court – Judicial Review – Judicial Activism. Governor; Appointment, Conditions, Term, Oath, Powers – Chief Minister; Appointment, Oath, term, Salary, Powers and Functions – State Council of Ministers; Constitutional Provisions, Nature of Advice, Appointment, Oath and Salary, Responsibility, Composition and Cabinet; – State Legislatures; Organization, Composition of Houses, Membership, Presiding Officer, Sessions, Legislative Procedure and Privileges – High Court – Subordinate Courts

Module 3	Election Commission – Union Public Service Commission (UPSC) – State Public Service Commission (SPSC) – Finance Commission – National Commission for SC’s – National Commission for ST’s – Comptroller and Auditor General of India (CAG); Their composition, Independence, removal procedure, Functions and Limitations. NITI Aayog – National Human Rights Commission (NHRC) – State Human Rights Commission (SHRC) – Central Information Commission (CIC) – State Information Commission (SIC) – Central Vigilance Commission (CVC) – Central Bureau of Investigation (CBI). Their composition, Independence, removal procedure, Functions and Limitations
Module 4	Tribunals – Administrative Tribunal and Tribunals for other matters; Anti – Defection Law – Importance of 91st Amendment Act - Representation of Peoples Act 1950 and 1951 – Delimitation Act 2002

Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	INDIAN ADMINISTRATION	RAMESH K ARORA	New age International	2018
2	Local government in India	S R Maheshwari Ramesh K Arora-Indian Administration	Tata Mc grawhill	2019
3	Public Administration	Laxmikanth	Tata Mc grawhill	2021
4				

Global Certifications:

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1		Swayam				
2						

Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1	Excel		
2			

Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	15	100
	Home Assignment	10	40
In-Sem Summative	Semester in Exam-I	17.5	50
	Semester in Exam-II	17.5	50

End-Sem Summative	End Semester	40	100
			100

### CLIMATOLOGY AND OCEANOGRAPHY (C&O)

COURSE CODE	23BA3128	MODE	REGULAR	LTPS	1-0-0-4	PRE-REQUISITE	Nil
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#### Course Outcomes

CO#	CO Description	BTL	PO Mapping
CO1	To understand the essence of Climatology and Oceanography	2	PO1
CO2	To acquaint students with the variety of Weather system over tropics and Extra tropics in India and their development.	2	PO3
CO3	To help the students to acquire knowledge Ocean floor Topography	3	PO7
CO4	To apply know of Ocean topography towards deducing the Ocean physical parameters	4	PO10

#### Syllabus

Module 1	Insolation and Heat Budget. Horizontal and vertical distribution of atmospheric temperature and pressure Overview of planetary wind systems. Indian Monsoons: Mechanisms and controls
Module 2	Atmospheric disturbances: Tropical and temperate cyclones. Thunderstorms Overview of global climatic change: Greenhouse effect. Ozone depletion. Scheme of world climatic classification by Koppen
Module 3	Major relief features of the ocean floor: Characteristics and origin according to plate tectonics. Physical and chemical properties of ocean water. Water mass, Air-Sea interactions, ocean circulation, wave, and tide
Module 4	Ocean temperature and salinity: Distribution and determinants. Coral reefs: Formation, classification, and threats. Marine resources: Classification and sustainable utilisation. Sea level change: Types and causes .

#### Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	Geography of India and World	Savinder singh	Pravalika publications, Allahabad	2023

Global Certifications:----

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1						

Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1			
2			

Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	15	25
	Home Assignment	10	
In-Sem Summative	Sem in 1	17.5	35
	Sem in 2	17.5	
End-Sem Summative	End Sem Exam	40	40

#### HISTORY AND CULTURE OF ANDHRA PRADESH (HCAP)

COURSE CODE	23AUBA05	MODE	REGULAR	LTPS	4-0-0-0	PRE-REQUISITE	Nil
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Course Outcomes

CO#	CO Description	BTL	PO Mapping
CO1	The student will understand the importance of the History and Culture of Andhra Pradesh	2	PO1
CO2	The student will understand about the colonial rule in Andhra Pradesh	2	PO3
CO3	Understanding Making students knowledgeable about the various movements for social reform in the state as well as the cultural contributions such as art and literature during the colonial period	3	PO3
CO4	The student will understand about Andhra's freedom fight and liberation campaign.	4	PO10

Syllabus

Module 1	Influence of Geographical Features on History, Sources-A Brief Survey of Political History from Satavahanas to Vijayanagar Period-Socio-Economic-Cultural conditions under Satavahana, Kakatiya and Vijayanagar Rulers-Growth and Spread of Jainism and Buddhism and their contribution to Art and Architecture. The Qutb Shahis-A Brief Survey of Political History-Society, Economy and Culture. The Asaf Jahi's-A Brief Survey of their Political history-Society, Economy and Culture-Salarjung's Reforms.
Module 2	Andhra Under Colonial Rule: Coming of European Merchant Companies- Conquest of Andhra by the British-Early Uprising-Administration-Land Revenue Settlements-Agrarian Conditions-Famines-Impact of Industrial Revolutions on Andhra Economy-Sir Thomas Munroe-Impact of 1857 Revolt In Andhra.
Module 3	Social Reform and Literary Movements: Veeresalingam, Raghupathi Venkata-Ratnam Naidu, Gurajada Appa Rao, Komarraju Venkata Lakshmana Rao, Non-Brahmin, Adi Andhra, Dalit, Self-Respect Movements-New Literary Movements-Gurram Jashua, Boyi Bhimanna, Viswanatha Satyanarayana, Rayaprolu Subba Rao, Sri Sri.
Module 4	Freedom Movement in Andhra: Vandemataram, Home Rule, Non-Co-Operation Alluri Sitarama Raju – Rampa Rebellion 1922-24-Civil Disobedience and Quit India Movements. Political Consciousness in Telangana: Nizam Andhra Maha Sabha, Hyderabad State Congress, Razkars, Police Action and Accession of Telangana into Indian union. Leftist Movements in Andhra and Telangana: Peasant Armed Struggle – Tribal Uprisings-Komaram Bhimu-Bhoodan Movement. Movement for Separate Andhra State: Andhra Mahila Sabha-Sree Bagh pact-Martyrdom of Potti Sree Ramulu-Formation of Andhra State,1953-Vishalandhra Movement-State's Re-organization Commission-Gentlemen's Agreement- Formation of Andhra Pradesh in 1956. Andhra Pradesh Reorganization Act, 2014

Reference Books:

Sl No	Title	Author(s)	Publisher	Year
1	Indian Polity	M.Lakmikanth	Mc Graw Hill,	2022
2	Introduction to the Constitution of India	Durga Das Basu	Lexis Nexis Butterworths Wadhwa	2018.
3	Our Parliament: An Introduction to the Parliament of India	Subhash C. Kashyap	National Book Trust	2004

Global Certifications:----

Mapped Global Certifications:						
Sl No	Title	Certification Provider	Proctored (Y/N)	Format of the Exam	Exam Provider	URL of the Certification
1						
2						

Tools used in Practical / Skill:

Sl No	Tool Name	Parent Industry	Open Source/ Commercial
1			

2			

Evaluation Components:

Evaluation	Component	Weightage	Total
In-Sem Formative	ALM	15	25
	Home Assignment	10	
In-Sem Summative	Sem in 1	17.5	35
	Sem in 2	17.5	
End-Sem Summative	End Sem Exam	40	40
Total			100