

B.Com (Basic/Hons)

Programme Objectives:

1. The Course focuses mainly on enhancing the employability skills of the Commerce students
2. The introduction of updated and the need of the hour concepts and contents will make a student employable and at the same time confident in his/her day to day transactions.
3. The course also meets the requirement of the young and enterprising Indians to nurture their dreams of entrepreneurship.
4. Overall the course touches upon the humane aspect of every student pursuing it and encourages them to contribute to nation building through their intellect and social capital.

Programme Outcomes:

1. This program could provide Industries, Banking Sectors, Insurance Companies, Financing companies, Transport Agencies, Retail sector, Warehousing etc., well trained professionals to meet the requirements.
2. After completing graduation, students can get skills regarding various aspects like Marketing Manager, Human Resource Manager, over all Administration abilities of the Company.
3. Capability of the students to make decisions at personal & professional level will increase after completion of this course.
4. Students can independently start up their own Business.
5. Students can get thorough knowledge of finance and commerce. The knowledge of different specializations in Accounting, Costing, Banking, Taxation and Finance with the practical exposure helps the students to stand in organization.

Name of the Program: Bachelor of Commerce (B.Com.)

Course Code: B.Com.1.1

Name of the Course: Financial Accounting

Course Credits	No. of Hours per Week	Total No. of Teaching Hours
4 Credits	4 Hrs	48 Hrs

Pedagogy: Classrooms lecture, tutorials, Group discussion, Seminar, Case studies & field work etc.,

Course Outcomes: On successful completion of the course, the Students will be able to

- a) Understand the theoretical framework of accounting as well accounting standards.
- b) Demonstrate the preparation of financial statement of manufacturing and non-manufacturing entities of sole proprietors.
- c) Exercise the accounting treatments for consignment transactions & events in the books of consignor and consignee.
- d) Understand the accounting treatment for royalty transactions & articulate the Royalty agreements.
- e) Outline the emerging trends in the field of accounting.

Name of the Program: Bachelor of Commerce (B.Com.)

Course Code: B.Com.1.2

Name of the Course: Management Principles and Applications

Course Credits	No. of Hours per Week	Total No. of Teaching Hours
4 Credits	4 Hrs	48 Hrs

Pedagogy: Classrooms lecture, Case studies, Group discussion, Seminar & field work etc.,

Course Outcomes: On successful completion of the course, the Students will be able to

- a) Understand and identify the different theories of organizations, which are relevant in the present context.
- b) Design and demonstrate the strategic plan for the attainment of organizational goals.
- c) Differentiate the different types of authority and chose the best one in the present context.
- d) Compare and chose the different types of motivation factors and leadership styles.
- e) Choose the best controlling techniques for better productivity of an organisation.

Name of the Program: Bachelor of Commerce (B.Com.)

Course Code: B.Com.1.3

Name of the Course: Principles of Marketing

Course Credits	No. of Hours per Week	Total No. of Teaching Hours
4 Credits	4 Hrs	48 Hrs

Pedagogy: Classrooms lecture, Case studies, Group discussion, Seminar & field work etc.,

Course Outcomes: On successful completion of the course, the Students will be able to

- Understand the basic concepts of marketing and assess the marketing environment.
- Analyze the consumer behaviour in the present scenario and marketing segmentation.
- Discover the new product development & identify the factors affecting the price of a product in the present context.
- Judge the impact of promotional techniques on the customers & importance of channels of distribution.
- Outline the recent developments in the field of marketing.

Hours

Name of the Program: Bachelor of Commerce (B.Com)

Course Code: B.Com. 1.7 (Open Elective Course)

Name of the Course: Financial Literacy

Course Credits	No. of Hours per Week	Total No. of Teaching Hours
3 Credits	3 Hrs	40 Hrs

Pedagogy: Classrooms lecture, Case studies, Group discussion, Seminar & field work etc.,

Course Outcomes: On successful completion of the course, the Students will be able to

1. Describe the importance of financial literacy and list out the institutions providing financial services;
2. Prepare financial plan and budget and manage personal finances;
3. Open, avail, and manage/operate services offered by banks;
4. Open, avail, and manage/operate services offered by post offices;
5. Plan for life insurance and property insurance & select instrument for investment in shares

Name of the Program: Bachelor of Commerce (B.Com.)

Course Code: B.Com.2.1

Name of the Course: Advanced Financial Accounting

Course Credits	No. of Hours per Week	Total No. of Teaching Hours
4 Credits	4 Hrs	48 Hrs

Pedagogy: Classrooms lecture, Case studies, Tutorial classes, Group discussion, Seminar & field work etc.,

Course Outcomes: On successful completion of the course, the Students will be able to

- a) Understand & compute the amount of claims for loss of stock & loss of Profit.
- b) Learn various methods of accounting for hire purchase transactions.
- c) Deal with the inter-departmental transfers and their accounting treatment.
- d) Demonstrate various accounting treatments for dependent & independent branches.
- e) Prepare financial statements from incomplete records.

Name of the Program: Bachelor of Commerce (B.Com.)

Course Code: B.Com. 2.2

Name of the Course: Business Mathematics

Course Credits	No. of Hours per Week	Total No. of Teaching Hours
4 Credits	4 Hrs	48 Hrs

Pedagogy: Classrooms lecture, Case studies, Tutorial classes, Group discussion, Seminar & field work etc.,

Course Outcomes: On successful completion of the course, the Students will be able to

- a) Understand the number system and indices applications in solving basic business problems.
- b) Apply concept of commercial arithmetic concepts to solve business problems.
- c) Make use of theory of equation in solving the business problems in the present context.
- d) Understand and apply the concepts of Set Theory, Permutations & Combinations and Matrices solving business problems.
- e) Apply measurement of solids in solving simple business problems.

Name of the Program: Bachelor of Commerce (B.Com.)

Course Code: B.Com.2.2

Name of the Course: Corporate Administration

Course Credits

No. of Hours per Week

Total No. of Teaching Hours

4 Credits

4 Hrs

48 Hrs

Pedagogy: Classrooms lecture, Case studies, Group discussion, Seminar & field work etc.,

Course Outcomes: On successful completion of the course, the Students will be able to

- a) Understand the framework of Companies Act of 2013 and different kind of companies.
- b) Identify the stages and documents involved in the formation of companies in India.
- c) Analyze the role, responsibilities and functions of Key management Personnel in Corporate Administration.
- d) Examine the procedure involved in the corporate meeting and the role of company secretary in the meeting.
- e) Evaluate the role of liquidator in the process of winding up of the company.

Name of the Program: Bachelor of Commerce (B.Com.)

Course Code: B.Com. 2.3

Name of the Course: Law and Practice of Banking

Course Credits	No. of Hours per Week	Total No. of Teaching Hours
4 Credits	4 Hrs	48 Hrs

Pedagogy: Classrooms lecture, Case studies, Group discussion, Seminar & field work etc.,

Course Outcomes: On successful completion of the course, the Students will be able to

- a) Summarize the relationship between Banker & customer and different types of functions of banker.
- b) Analyse the role, functions and duties of paying and collecting banker.
- c) Make use of the procedure involved in opening and operating different accounts.
- d) Examine the different types of negotiable instrument & their relevance in the present context.
- e) Estimate possible developments in the banking sector in the upcoming days.

Name of the Program: Bachelor of Commerce (B.Com)

Course Code: B.Com.2.7 (Open Elective Course)

Name of the Course: Investing in Stock Markets

Course Credits	No. of Hours per Week	Total No. of Teaching Hours
3 Credits	3 Hrs	40 Hrs

Pedagogy: Classrooms lecture, Case studies, Group discussion, Seminar & field work etc.,

Course Outcomes: On successful completion of the course, the Students will be able to

1. Explain the basics of investing in the stock market, the investment environment as well as risk & return.
2. Analyze Indian securities market;
3. Examine EIC framework and conduct fundamental analysis;
4. Perform technical analysis;
5. Invest in mutual funds market.

Graduate Programme in BOTANY (NEP – 2020)

Title of the Course: Plants and Human Welfare

Course Outcome:

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

1. To make the students familiar with economic importance of diverse plants that offer resources to human life.
2. To make the students known about the plants used as-food, medicinal value and also plant source of different economic value .
3. To generate interest amongst the students on plants importance in day today life, conservation, ecosystem and sustainability.

Title of the Course: Plant Propagation, Nursery management and Gardening

Paper Outcome:

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

1. To gain knowledge of gardening, cultivation, multiplication, raising of seedlings of garden plants.
2. To get knowledge of new and modern techniques of plant propagation.
3. To develop interest in nature and plant life.

Chemistry

MANGALORE UNIVERSITY

Name of the Degree Program: BSc (Honors) Chemistry with Analytical/
Industrial/ Organic Specializations.

Discipline Core: Chemistry

Total Credits for the Program: 176

Starting year of implementation: 2021-22

Program Outcomes:

By the end of the program the students will be able to:

(Refer to literature on outcome based education (OBE) for details on Program Outcomes)

1. PO. 1: To create enthusiasm among students for Analytical chemistry and its application in various fields of life.
2. PO. 2: To provide students with broad and balanced knowledge and understanding of key concepts in Analytical chemistry
3. PO. 3: To develop in students a range of practical skills so that they can understand and assess risks and work safely measures to be followed in the laboratory.
4. PO. 4: To develop in students the ability to apply standard methodology to the solution of problems in chemistry
5. PO. 5: To provide students with knowledge and skill towards employment or higher education in Analytical chemistry or multi-disciplinary areas involving Analytical chemistry.
6. PO. 6: To provide students with the ability to plan and carry out experiments independently and assess the significance of outcomes and to cater to the demands of chemical Industries of well-trained graduates
7. PO. 7: To develop in students the ability to adapt and apply methodology to the solution of unfamiliar types of problems.
8. PO. 8: To instil critical awareness of advances at the forefront of chemical sciences, to prepare students effectively for professional employment or research degrees in chemical sciences and to develop an independent and responsible work ethics

Assessment:

Weightage for assessments (in percentage)

Type of Course	Formative Assessment / IA	Summative Assessment
Theory	40	60
Practical	25	25
Projects	-	-
Experiential Learning (Internships etc.)	-	-

Computer Science

First Semester

Course Code: DSC-1	Course Title: Computer Fundamentals and Programming in C
Course Credits: 4	Hours of Teaching/Week: 4
Total Contact Hours: 52	Formative Assessment Marks: 40
Exam Marks: 60	Exam Duration: 3 Hours

Course Outcomes (COs)

After completing this course satisfactorily, a student will be able to:

- Operate desktop computers to carry out computational tasks
- Understand working of hardware and software and the importance of operating systems
- Understand programming languages, number systems, peripheral devices, networking, multimedia and internet concepts
- Read, understand and trace the execution of programs written in C language
- Write the C code for a given problem
- Perform input and output operations using programs in C
- Write programs that perform operations on arrays

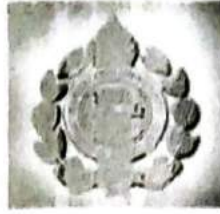
II Semester

Course Code: DSC-2	Course Title: Data Structures using C
Course Credits: 4	Hours of Teaching/Week: 4
Total Contact Hours: 52	Formative Assessment Marks: 40
Exam Marks: 60	Exam Duration: 3 Hours

Course Outcomes (COs)

After completing this course satisfactorily, a student will be able to:

- Describe how arrays, records, linked structures, stacks, queues, trees, and graphs are represented in memory and used by algorithms
- Describe common applications for arrays, records, linked structures, stacks, queues, trees, and graphs
- Write programs that use arrays, records, linked structures, stacks, queues, trees, and graphs
- Demonstrate different methods for traversing trees
- Compare alternative implementations of data structures with respect to performance
- Describe the concept of recursion, give examples of its use
- Discuss the computational efficiency of the principal algorithms for sorting and searching



MANGALORE UNIVERSITY

DEPARTMENT OF ENGLISH

(AS PER NEP 2020)

(Approved on OCTOBER 22, 2021 BOS (UG), effective for batches commencing from 2021 onwards)

**ABILITY ENHANCEMENT COMPULSORY COURSE, LANGUAGE
(AECC) - L2 - GENERIC ENGLISH**

Course Outcomes:

By the end of the programme the students will

1. Acquire the LSRW (Listening, Speaking, Reading, Writing) skills
2. Learn to appreciate literature
3. Obtain the knowledge of literary devices and genres
4. Acquire creativity and the skills of expression
5. Know how to use digital learning tools
6. Be aware of social responsibilities
7. Develop the ability to read and write critically
8. Increase the reading speed
9. Enhance the analytical skills.

I Semester BA,BSW,BHRD Syllabus
प्रथम सेमिस्टर बी.ए.बी.एस.डब्ल्यू.बी.हेच.आर.डी पाठ्यक्रम

Teaching Hours : 4 Hrs. Per Week
Credits : 3

Total Marks : 100
Theory : 60
IA : 40

Exam Duration : 3 Hrs.

Syllabus पाठ्यक्रम

UNIT	SUBJECT	Marks
I	हिन्दी कहानी साहित्य 1. सुभद्रा कुमारी चौहान - रही 2. प्रेमचंद - सुभागी 3. जैनेन्द्र - पाजेब 4. अज्ञेय - रोज	20
II	हिन्दी कहानी साहित्य 1. अमरकांत - दोपहर का भोजन 2. ज्ञानरंजन - पिता 3. सुशील टाकभोरे - सिलिया 4. मुक्ता - काठलूम अपने-अपने	20
III	हिन्दी व्याकरण - 1.वर्ण विचार-भाषा का स्वरूप, स्वर,व्यंजन,वर्तनी, संधि और उसके भेद	10
IV	हिन्दी व्याकरण - शब्द विचार-परिभाषा, शब्द के विविध प्रकार 1. उत्पत्ति के आधार पर - तत्सम शब्द, तद्भव शब्द, देशज शब्द, विदेश शब्द,संकर शब्द 2. व्युत्पत्ति के आधार पर - रूढ शब्द, यौगिक शब्द, योगरूढ शब्द 3. अर्थ के आधार पर - सार्थक शब्द, निरर्थक शब्द 4. विकार के आधार पर - विकारी और अविकारी (सामान्य परिचय) 5. शब्द शुद्धि	10

Prescribed Books :

1. कहानी विविधा - संपादक : प्रो. नागभूषण एच.जी
2. व्याकरण - संक्षिप्त हिन्दी व्याकरण - कामता प्रसाद गुरु
3. समग्र हिन्दी व्याकरण - डॉ. बालमुकुंद सुखवाल

Pedagogy : शिक्षा पद्धति : 1. कक्षा व्याख्यान, कहानी का पठन, गतिविधि आधारित शिक्षण, सामूहिक चर्चा

Expected Out-come : अपेक्षित परिणाम :

1. कहानी के पठन-पाठन में रुचि उत्पन्न होगी
2. कहानी के माध्यम से जीवन की वास्तविक और आदर्श की पहचान
3. भाषा कौशल का निर्माण
4. भाषा शुद्धता के प्रति सजगता उत्पन्न होगी

Question Paper Pattern प्रश्न पत्र का नमूना

Question No.	Type of Question	Division of Marks	Marks
I	One word or One Sentence Answer (Unit I&II)	1X10	10
II	Annotations (Unit I & II) Internal Choice	5X2	10
III	Essay Type Questions (Unit I 1 out of 2)	10X1	10
IV	Essay Type Questions (Unit II 1 out of 2)	10X1	10
V	Theoretical Grammar - (Unit III & IV - 2 out of 4)	5X2	10
VI	Practical Grammar(Unit IV) 1. Tatsam & Tadbhav 2. Correction of words.	1X5	5
		1X5	5
TOTAL			60

**BA
Semester 1**

Course Title: Introduction to Archaeology	
Total Contact Hours: 39 to 42	Course Credits: 3
Formative Assessment Marks: 40	Duration of ESA/Exam: 60
Model Syllabus Authors:	Summative Assessment Marks:

Course Pre-requisite(s): Introduction to Archaeology

Course Outcomes (COs):

At the end of the course the student should be able to:

- Understand the concept of Archaeology as an ancillary for study of history
- Help to study features of Archaeology in understanding history
- Familiarize the students to know about scope of Archaeology.
- Understand the various tools and techniques imbibed in Archaeology
- Study various schools of disciplines of Archaeology.

Course Articulation Matrix: Mapping of Course Outcomes (COs) with Program Outcomes (POs 1-12)

Course Outcomes (COs) / Program Outcomes (POs)	DSC1	DSC2	DSC3	DSC4	DSC5	DSC6	OE1	OE2	SEC1	SEC2
Disciplinary Knowledge	x	x	x	x	x	x	x	x		
Communication Skills	x	x	x	x	x	x	x	x		
Critical Thinking	x	x	x	x	x	x	x	x	x	x
Problem Solving			x	x	x	x	x	x	x	x
Analytical Reasoning	x	x	x	x	x	x	x	x		
Cooperation and Team Work		x	x	x		x	x	x		x
Reflective Thinking		x	x	x	x	x	x	x	x	x
Self-motivated Learning			x	x	x	x	x	x	x	x
Diversity Management and Inclusive Approach	x	x	x	x		x	x	x		
Moral and Ethical Awareness Reasoning	x	x	x	x	x	x	x	x		x
Lifelong Learning		x		x	x	x	x	x		x

Course Articulation Matrix relates course outcomes of course with the corresponding program outcomes whose attainment is attempted in this course. Mark „X“ in the intersection cell if a course outcome addresses a particular program outcome.

BA
BA Semester 1

Title of the Course: Introduction to Archaeology

Course 1		Course 2	
Number of Theory Credits	Number of lecture hours/semester	Number of Theory Credits	Number of lecture hours/semester
3	39 or 42	3	39 or 42

Content of Course 1	39/42 Hrs
Unit – 1 Introduction	13/14
Chapter No. 1 Definition – Scope – Nature	03
Chapter No. 2 Concepts – Artifacts – Assemblage – Industry – Culture -Layer	05
Chapter No. 3 Kinds of Archaeology – Ethno, Marine and Salvage	06
Unit – 2 Archaeology by Period	13/14
Chapter No. 4. Lower Paleolithic – Middle Paleolithic – Upper Paleolithic- Mesolithic – Chalcolithic – Bronze age – Iron Age	05
Chapter No. 5. Development in the Global Context – From Antiquarians to Scientific Archaeology – Finders Petrie- Pitt Riveres – Leonard Wooly.	05
Chapter No. 6. Archaeology in India – William Jones to Wheeler – The Allchins – S.R. Rao – Archaeological Survey of India – Department of Archaeology Government of Karnataka	04
Unit – 3 Exploration, Excavation and Analysis	13/14
Chapter No. 7 Identification of a site – field survey – sampling techniques – Application of scientific methods.	05
Chapter No. 8. Methods of Excavation – vertical and horizontal – Trenching – Gridding	05
Chapter No. 9 Excavation of burial mounds – Open Stripping – Quadrant method – Excavation of pits – Excavation of a typical site	04

Books for Reference

- | | | |
|---|---|--|
| 1. Agrawal D.P | - | Archaeology in India |
| 2. Aiken M.J | - | Science based dating in archaeology |
| 3. Allchin Bridget
And Raymond Allchin | - | Rise of Civilisation in India and Pakistan |
| 4. Atkinson RJC | - | Field Archaeology |
| 5. Basker .P | - | Techniques of Archaeological Excavation |
| 6. Chakrabarthy D.K | - | A History of Indian Archaeology from the beginning to 1947 |
| 7. Chakrabarthy D.K | - | Theoretical Perspectives in Indian Archaeology |
| 8. Gosha .A | - | Encyclopaedia of Indian Archaeology |

BA

Semester 1

Course Title: Political history of Karnataka (BCE-3 to 10 CE) Part-1	
Total Contact Hours: 39 to 42	Course Credits: 3
Formative Assessment Marks: 40	Duration of ESA/Exam: 60
Model Syllabus Authors:	Summative Assessment Marks:

Course Pre-requisite(s): Political history of Karnataka (BCE-3 to 10 CE) Part-1

Course Outcomes (COs):

At the end of the course the student should be able to:

(Write 3-7 course outcomes. Course outcomes are statements of observable student actions that serve as evidence of knowledge, skills and values acquired in this course)

- Understand the continuity of Political developments and strategies.
- Analysis the importance of causes for the rise of regional political dynasties.
- Understand contextual necessities which influenced the era of political supremacy.
- Understand and describe the contemporary political history.
- Appreciate the confluence of diverse political elements.

Course Articulation Matrix: Mapping of Course Outcomes (COs) with Program Outcomes (POs 1- 12)

Course Outcomes (COs) / Program Outcomes (POs)	DSC1	DSC2	DSC3	DSC4	DSC5	DSC6	OE1	OE2	SEC1	SEC2
Disciplinary Knowledge	X	x	X	x	x	x	x	x		
Communication Skills	X	x	X	x	x	x	x	x		
Critical Thinking	X	x	X	x	x	x	x	x	x	x
Problem Solving			X	x	x	x	x	x	x	x
Analytical Reasoning	X	x	X	x	x	x	x	x		
Cooperation and Team Work		x	X	x		x	x	x		x
Reflective Thinking		x	X	x	x	x	x	x	x	x
Self-motivated Learning			X	x	x	x	x	x	x	x
Diversity Management and Inclusive Approach	X	x	X	x		x	x	x		

Moral and Ethical Awareness Reasoning	X	x	X	x	x	x	x	x		x
Lifelong Learning		x		x	x	x	x	x		x

Course Articulation Matrix relates course outcomes of course with the corresponding program outcomes whose attainment is attempted in this course. Mark „X in the intersection cell if a course outcome addresses a particular program outcome.

BA

Semester 2

Course Title: Political History of Karnataka (CE11- 1750 AD)	
Total Contact Hours: 39 to 42	Course Credits: 3
Formative Assessment Marks: 40	Duration of ESA/Exam: 60
Model Syllabus Authors:	Summative Assessment Marks:

Course Pre-requisite(s): Political History of Karnataka (C11- 1799 AD)

Course Outcomes (COs):

At the end of the course the student should be able to:

- Understand the rise and fall of Political dynasties in Karnataka.
- Familiarize with the patterns of administration.
- Analyze the traditional values and ethos of political development.
- Understand the rise and fall of regional variations.
- Study the complexities involved in polity of the time.

Course Articulation Matrix: Mapping of Course Outcomes (COs) with Program Outcomes (POs 1-12)

Course Outcomes (COs) / Program Outcomes (POs)	DSC1	DSC2	DSC3	DSC4	DSC5	DSC6	OE1	OE2	SEC1	SEC2
Disciplinary Knowledge	X	X	X	X	X	X	X	X		
Communication Skills	X	X	X	X	X	X	X	X		
Critical Thinking	X	X	X	X	X	X	X	X	X	X
Problem Solving			X	X	X	X	X	X	X	X
Analytical Reasoning	X	X	X	X	X	X	X	X		
Cooperation and Team Work		X	X	X		X	X	X		X
Reflective Thinking		X	X	X	X	X	X	X	X	X
Self-motivated Learning			X	X	X	X	X	X	X	X
Diversity Management and Inclusive Approach	X	X	X	X		X	X	X		
Moral and Ethical Awareness Reasoning	X	X	X	X	X	X	X	X		X
Lifelong Learning		X		X	X	X	X	X		X

Course Articulation Matrix relates course outcomes of course with the corresponding program outcomes whose attainment is attempted in this course. Mark „X“ in the intersection cell if a course outcome addresses a particular program outcome.

BA
BA Semester 2

Title of the Course: Political History of Karnataka (CE11- 1799 AD)

Course 1		Course 2	
Number of Theory Credits	Number of lecture hours/semester	Number of Theory Credits	Number of lecture hours/semester
3	39 or 42	3	39 or 42

Content of Course 1	39/42 Hrs
Unit – 1 Introduction	13/14
Chapter No. 1 The Hoysalas - Vishnuvardhana	07
Chapter No. 2 Medieval Alupas	07
Unit – 2 Medieval Karnataka	13/14
Chapter No. 3. Vijayanagar – Dynasties	06
Chapter No. 4. The Bahamani States	05
Chapter No. 5. Regional Kingdoms during Vijayanagar.	03
Unit – 3 Post Vijayanagar	13/14
Chapter No. 6 Wodeyars of Mysore – Nayakas of Chithradurga – Nayakas of Keladi	05
Chapter No. 7. Minor Chieftains-Local Chieftains - Chowtas	03
Chapter No.8. Hyder Ali and Tippu Sulthan.	05
Chapter No.9.Map: The Vijayanagar empire. Places- Hampi, Tanjavur, Mangalore, Barkur, Penukonda, Tirupati	01

Books for Reference

- | | | |
|-----------------------|---|--|
| 1. K.R Basavaraja | - | “History and Culture of Karnataka” |
| 2. P.B. Desai | - | “A History of Karnataka” |
| 3. Burton Stein | - | “ Vijayanagara” |
| 4. B. Sheik Ali(Ed.) | - | “Karnataka Samagra Charitre” Volume IV. |
| 5. B. Vivek Rai (Ed.) | - | “Pravasi Kanda Vijayanagara” |
| 6. G. Yazdani | - | “History of the Deccan” |
| 7. K. Satyanarayana | - | “History of the Wodeyars of Mysore” |
| 8. Mohibul Hasan | - | “History of Tipu Sulthan” |
| 9. T.V Mahalingam | - | “ Administration and Social Life Under Vijayanagara” |
| 10. K.V Ramesh | - | “History of South Kenara ” |

BA

Semester 2

Course Title: Cultural History of Karnataka (11 AD to 1750 AD)	
Total Contact Hours: 39 to 42	Course Credits: 3
Formative Assessment Marks: 40	Duration of ESA/Exam: 60
Model Syllabus Authors:	Summative Assessment Marks:

Course Pre-requisite(s): Cultural History of Karnataka (11 AD to 1750 AD)

Course Outcomes (COs):

At the end of the course the student should be able to:

- Understand the concept of cultural heritage of Karnataka
- Study various cultural factors which influence the flow of culture
- Familiarize the factors which influenced in influencing culture and society
- Analyze the factors responsible for formation of pluralistic society
- Understand the concept "Unity in diversity".

Course Articulation Matrix: Mapping of Course Outcomes (COs) with Program Outcomes (POs 1-12)

Course Outcomes (COs) / Program Outcomes (POs)	DSC1	DSC2	DSC3	DSC4	DSC5	DSC6	OE1	OE2	SEC1	SEC2
Disciplinary Knowledge	x	x	x	x	x	x	x	x		
Communication Skills	x	x	x	x	x	x	x	x		
Critical Thinking	x	x	x	x	x	x	x	x	x	x
Problem Solving			x	x	x	x	x	x	x	x
Analytical Reasoning	x	x	x	x	x	x	x	x		
Cooperation and Team Work		x	x	x		x	x	x		x
Reflective Thinking		x	x	x	x	x	x	x	x	x
Self-motivated Learning			x	x	x	x	x	x	x	x
Diversity Management and Inclusive Approach	x	x	x	x		x	x	x		
Moral and Ethical Awareness Reasoning	x	x	x	x	x	x	x	x		x
Lifelong Learning		x		x	x	x	x	x		x

Course Articulation Matrix relates course outcomes of course with the corresponding program outcomes whose attainment is attempted in this course. Mark „X in the intersection cell if a course outcome addresses a particular program outcome.

BA
BA Semester 2

Title of the Course: Cultural History of Karnataka (11 AD to 1750 AD)

Course 1		Course 2	
Number of Theory Credits	Number of lecture hours/semester	Number of Theory Credits	Number of lecture hours/semester
3	39 or 42	3	39 or 42

Content of Course 1	39/42 Hrs
Unit – 1 Introduction	13/14
Chapter No. 1 Administration – Central and Provincial	05
Chapter No. 2 Kingship – Duties of King – Governors - Warfare	04
Chapter No. 3 Local Self Government – Village Administration	05
Unit – 2 Society and Economy	13/14
Chapter No. 4. Social Conditions – Society – Rituals and Customs	05
Chapter No. 5. Economic Conditions – Agriculture	04
Chapter No. 6. Trade and Commerce	05
Unit – 3 Religion and Art	13/14
Chapter No. 7 Bhakti Saints -Teaching and Philosophy – Sufism	05
Chapter No. 8. Temple Architecture – Islamic Architecture	04
Chapter No. 9 Painting	05

Books for Reference

- | | | |
|--------------------------------|---|---------------------------------------|
| 1. P.B Desai | - | History of Karnataka |
| 2. K.R Basavaraja | - | History and Culture of Karnataka |
| 3. B.R Hiremath | - | Karnataka Shasanagalalli Vartakaru |
| 4. Rahamat Tarikere | - | Karnataka Sufigalu |
| 5. Rajaram Hegde &
M.V Vasu | - | Dakshina Karnataka Arasu Manethangalu |
| 6. R.R Diwakar | - | Karnatka Through the Ages |
| 7. Suryanath U. Kamath | - | A History of Karnataka |
| 8. H.K Sherwani | - | The Bahamani's of the Deccan |
| 9. Dept. of Archaeology | - | Vijayanagar Adhayayana |
| 10. Baragur Ramachandrappa | - | Karnataka Sangathi |

ನಾಗರಿಕನಾಗಿ ಬದುಕಲು ಅಗತ್ಯವಾದ ಸಂವೇದನೆಯನ್ನು ಭಾಷೆ ಮತ್ತು ಸಾಹಿತ್ಯ ರೂಪಿಸುತ್ತವೆ. ಭಾಷೆ ಕೇವಲ ಮಾಧ್ಯಮವಾಗಿರದೇ ಅದೊಂದು ಸಂಸ್ಕೃತಿಯಾಗಿರುತ್ತದೆ.

ಬಿ.ಎ., ಬಿ.ಎಸ್ಸಿ, ಬಿ.ಕಾಂ, ಬಿ.ಬಿ.ಎ., ಬಿ.ಸಿ.ಎ, ಬಿ.ಎಸ್.ಡಬ್ಲ್ಯೂ ಮುಂತಾದ ಪದವಿ ಕೋರ್ಸುಗಳ ಮೊದಲ ನಾಲ್ಕು ಸೆಮಿಸ್ಟರ್‌ಗಳಲ್ಲಿ ಭಾಷೆ ಮತ್ತು ಸಾಹಿತ್ಯದ ಬೋಧನೆ ಮಾಡುವಾಗ ವಿಷಯಾಧಾರಿತ ಪಠ್ಯಗಳಿಗೆ ಹೆಚ್ಚಿನ ಆದ್ಯತೆಯನ್ನು ಪಠ್ಯಗಳ ಸಿದ್ಧಪಡಿಸುವಿಕೆಯಲ್ಲಿ ನೀಡಲಾಗಿದೆ. ಆಯಾ ಕೋರ್ಸುಗಳಿಗೆ ಅನುಗುಣವಾಗಿ ಪಠ್ಯ ನಿಗದಿಪಡಿಸುವಾಗ ಮಾನವೀಯ ಮೌಲ್ಯಗಳಿಗೆ ಮತ್ತು ಸಾಮಾಜಿಕ, ರಾಜಕೀಯ ಮತ್ತು ಧಾರ್ಮಿಕ ಸಮಸ್ಯೆಗಳ ಮೇಲೆ ಬೆಳಕು ಚೆಲ್ಲುವ ಸಾಹಿತ್ಯದ ಎಲ್ಲ ಪ್ರಕಾರಗಳನ್ನು ಗಮನದಲ್ಲಿಟ್ಟುಕೊಂಡು ಪಠ್ಯವನ್ನು ರಚಿಸುವ ಪ್ರಯತ್ನವನ್ನು ಮಾಡಲಾಗಿದೆ.

ಕನ್ನಡ ಪಠ್ಯಕ್ರಮ ವಿನ್ಯಾಸ ಆಶಯಗಳು

ಹೊಸ ರಾಷ್ಟ್ರೀಯ ಶಿಕ್ಷಣ ನೀತಿಯ ಆಶಯಗಳಿಗೆ ಅನುಗುಣವಾಗಿ ಕನ್ನಡ ಭಾಷಾ, ಐಚ್ಛಿಕ, ಮುಕ್ತ ಆಯ್ಕೆ ಕನ್ನಡ, ಕನ್ನಡೇತರರಿಗೆ ಕನ್ನಡ ಪಠ್ಯ ಕ್ರಮಗಳ ವಿನ್ಯಾಸವನ್ನು ರೂಪಿಸಲಾಗಿದೆ.

ಕರ್ನಾಟಕದಾದ್ಯಂತ ವಿವಿಧ ವಿಶ್ವವಿದ್ಯಾಲಯಗಳು ಈತನಕ ಅರ್ಥಪೂರ್ಣವಾದ ಹಾಗೂ ವೈವಿಧ್ಯಮಯ ಪಠ್ಯಕ್ರಮಗಳನ್ನು ಅನುಸರಿಸುತ್ತಾ ಬಂದಿವೆ. ಸಾಹಿತ್ಯದ ಮೂಲಗುಣವಾದ ನಿತ್ಯನೂತನತೆಗೆ ಅನುಗುಣವಾಗಿ ಹೊಸತನವನ್ನು ತರಲು ಪ್ರಯತ್ನಿಸಲಾಗಿದೆ. ಈಗ ಹೊಸ ಪಠ್ಯಕ್ರಮದ ಪ್ರಕಾರ ಪ್ರಯೋಗಿಸಲ್ಪಟ್ಟು ಯಶಸ್ವಿಯಾಗಿರುವ ಮಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯವು 'ವಿಷಯಾಧಾರಿತ ಪಠ್ಯಕ್ರಮ ವನ್ನು ಅಳವಡಿಸಲು ಉದ್ಯುಕ್ತವಾಗಿದೆ. ಈ ಮೂಲಕ ಕಲಿಕೆ ಮತ್ತು ಫಲಿತಗಳ ನಡುವಿನ ಸಮತೋಲನವನ್ನು ಸಾಧಿಸುವುದು ಸಾಧ್ಯವಾಗುತ್ತದೆ. ಶಿಕ್ಷಣವು ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಭಾಷಾ ಕೌಶಲ್ಯ, ಸಾಹಿತ್ಯದ ಮಾನವೀಯ ಸಂವೇದನೆ, ಸಮಕಾಲೀನ ವಿದ್ಯಮಾನಗಳ ಅರಿವು, ಸಂಸ್ಕೃತಿಯ ಬೆಳಕು ಮತ್ತು ರಾಷ್ಟ್ರೀಯತೆಯ ಮನೋಭಾವವನ್ನು ಕಟ್ಟಿಕೊಡುವುದರಲ್ಲಿ ಯಶಸ್ವಿಯಾಗಬೇಕು ಎನ್ನುವ ಹೊಸ ಶಿಕ್ಷಣ ನೀತಿಯ ಆಶಯವನ್ನು ವಿಷಯಾಧಾರಿತ ಪಠ್ಯಕ್ರಮದ ಮೂಲಕ ಸಾಧಿಸಿಕೊಳ್ಳುವುದು ಸಾಧ್ಯವಾಗುತ್ತದೆ. ಉದಾಹರಣೆಗೆ - 'ನಾಡು-ನುಡಿ-ಚಿಂತನೆ', 'ಸಾಮರಸ್ಯ', 'ಪರಿಸರ ಜಾಗತೀಕರಣ ಮೊದಲಾದವು ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಉದ್ದೇಶಿತ ಫಲಿತಗಳನ್ನು ನೀಡುತ್ತವೆ. ಹಾಗೆಯೇ ಆಯಾ ಅಧ್ಯಯನ ಶಿಸ್ತುಗಳ ಸ್ವರೂಪಕ್ಕನುಗುಣವಾಗಿ ಒಂದು ಘಟಕವನ್ನು ಸ್ನಾತಕ ಅಧ್ಯಯನ ಮಂಡಳಿಯಲ್ಲಿ ಪರಿಶೀಲಿಸಿ ರೂಪಿಸಿ ಸಿದ್ಧಪಡಿಸಲಾಗಿದೆ.

ಭಾಷಾ ಪಠ್ಯಗಳನ್ನು ನಾಲ್ಕು ಸೆಮಿಸ್ಟರ್‌ಗಳಲ್ಲಿ ಪ್ರಥಮ ಭಾಷೆಯಾಗಿ ಬೋಧಿಸತಕ್ಕದ್ದು, ಪ್ರತಿ ಸೆಮಿಸ್ಟರ್‌ಗೂ 3 ಕ್ರೆಡಿಟ್‌ಗಳು ಹಾಗೂ ನಾಲ್ಕು ಗಂಟೆ ಬೋಧನಾ ಅವಧಿ ಇರುತ್ತದೆ. ಐಚ್ಛಿಕ ಕನ್ನಡ ಪಠ್ಯಕ್ರಮವನ್ನು ಸಿದ್ಧಪಡಿಸಿದ್ದು ಪ್ರತಿ ಸೆಮಿಸ್ಟರ್‌ಗೂ 3 ಕ್ರೆಡಿಟ್‌ಗಳು ಹಾಗೂ 3 ಗಂಟೆ ಬೋಧನಾ ಅವಧಿ ಇರುತ್ತದೆ. ಪ್ರತಿ ಸೆಮಿಸ್ಟರ್‌ಗೆ ಕಡ್ಡಾಯ ಕನ್ನಡ (ಕನ್ನಡೇತರರಿಗೆ ಕನ್ನಡ-ಕನ್ನಡ ಕಲಿಕೆ) ಪಠ್ಯಕ್ರಮವನ್ನು ಒಂದು ಸೆಮಿಸ್ಟರ್‌ನಲ್ಲಿ ಬೋಧಿಸುವುದು. ಮುಕ್ತ ಆಯ್ಕೆ ಕನ್ನಡ ಪ್ರತಿಕೆಗೆ (ಕನ್ನಡ ಭಾಷೆ ಮತ್ತು ಐಚ್ಛಿಕ ಕನ್ನಡ) ನಾಲ್ಕು ಪತ್ರಿಕೆಗಳನ್ನು ಸಿದ್ಧಪಡಿಸಲಾಗಿದೆ. ಮುಕ್ತ ಆಯ್ಕೆ ಕನ್ನಡ ಪತ್ರಿಕೆಗಳನ್ನು ಎಲ್ಲ ಅಧ್ಯಯನ ಶಿಸ್ತುಗಳ ವಿದ್ಯಾರ್ಥಿಗಳೂ ನಾಲ್ಕು ಸೆಮಿಸ್ಟರ್‌ಗಳಿಗೂ ಆಯ್ಕೆ ಮಾಡಿಕೊಳ್ಳಲು ಅವಕಾಶವಿದೆ. ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಕಲಿಕೆಯು ಹೆಚ್ಚು ಪ್ರಾಯೋಗಿಕವಾಗಿರುವಂತೆ 'ಕ್ರಿಯಾ ಪುಸ್ತಕ' ವನ್ನು ರೂಪಿಸಲು ಅವಕಾಶವನ್ನು ಕಲ್ಪಿಸಿ ಕೊಡಲಾಗಿದೆ.

ಪದವಿ ಕನ್ನಡ ಭಾಷಾ ಪಠ್ಯಗಳು

1. ಕಲಾ ಕನ್ನಡ (ಬಿ.ಎ./ಬಿ.ಎಸ್.ಡಬ್ಲ್ಯೂ/ಹೆಚ್.ಆರ್.ಡಿ/ ಎಸ್.ಡಿ.ಎಸ್) ಪ್ರಥಮ ಸೆಮಿಸ್ಟರ್
2. ವಿಜ್ಞಾನ ಕನ್ನಡ (ಬಿ.ಎಸ್ಸಿ/ಬಿ.ಎಸ್ಸಿ (ಎಫ್‌ಎನ್‌ಡಿ), ಬಿ.ಎಸ್ಸಿ (ಹೆಚ್.ಎಸ್), ಬಿ.ಎಸ್ಸಿ (ಸಿಎಸ್), ಬಿ.ಎಸ್ಸಿ (ಫ್ಯಾಷನ್ ಡಿಸೈನ್), ಬಿ.ಎಸ್ಸಿ (ಗಾರ್ಮೆಂಟ್ ಡಿಸೈನ್), ಬಿ.ಎಸ್ಸಿ (ಲೆದರ್ ಡಿಸೈನ್), ಬಿ.ಎಸ್ಸಿ (ಇಂಟಿರಿಯರ್ ಡಿಸೈನ್ ಆ್ಯಂಡ್ ಡೆಕೋರೇಶನ್), ಬಿ.ಎಸ್ಸಿ (ಅನಿಮೇಶನ್ ಆ್ಯಂಡ್ ವಿಜುವಲ್ ಇಫೆಕ್ಟ್), ಬಿ.ಎಸ್ಸಿ (ಕೌನ್ಸಿಲಿಂಗ್), ಬಿ.ಎಸ್ಸಿ (ಪುಡ್ ಟೆಕ್ನಾಲಜಿ) ಪ್ರಥಮ ಸೆಮಿಸ್ಟರ್
3. ಗಣಕ ಕನ್ನಡ (ಬಿ.ಸಿ.ಎ) ಪ್ರಥಮ ಸೆಮಿಸ್ಟರ್
4. ವಾಣಿಜ್ಯ ಕನ್ನಡ (ಬಿ.ಕಾಂ) ಪ್ರಥಮ ಸೆಮಿಸ್ಟರ್
5. ವ್ಯವಹಾರ ನಿರ್ವಹಣ ಕನ್ನಡ (ಬಿ.ಬಿ.ಎ) ಪ್ರಥಮ ಸೆಮಿಸ್ಟರ್

Name of the Degree Program : B.A./B.Sc.
 Discipline Course : Mathematics
 Starting Year of Implementation : 2021-22

Programme Outcomes (PO):

By the end of the program it is expected that the students will be benefited by the following:

PO 1	Disciplinary Knowledge: Bachelor degree in Mathematics is the culmination of in-depth knowledge of Algebra, Calculus, Geometry, differential equations and several other branches of pure and applied mathematics. This also leads to study the related areas such as computer science and other allied subjects
PO 2	Communication Skills: Ability to communicate various mathematical concepts effectively using examples and their geometrical visualization. The skills and knowledge gained in this program will lead to the proficiency in analytical reasoning which can be used for modelling and solving of real life problems.
PO 3	Critical thinking and analytical reasoning: The students undergoing the programme acquire ability of critical thinking and logical reasoning and capability of recognizing and distinguishing the various aspects of real life problems.
PO 4	Problem Solving: The Mathematical knowledge gained by the students through the programme develop an ability to analyze the problems, identify and define appropriate computing requirements for its solutions. This programme enhances students overall development and also equip them with mathematical modelling ability, problem solving skills.
PO 5	Research related skills: Student completing the program will develop the capability of inquiring about appropriate questions relating to the Mathematical concepts in different areas of Mathematics.
PO 6	Information/digital Literacy: The completion of the programme will enable the learner to use appropriate softwares to solve system of algebraic equation and differential equations.
PO 7	Self – directed learning: Student completing the program will develop an ability of working independently and to make an in-depth study of various notions of Mathematics.
PO 8	Moral and ethical awareness/reasoning: The student completing the program will develop an ability to identify unethical behavior such as fabrication, falsification or misinterpretation of data and adopting objectives, unbiased and truthful actions in all aspects of life, in general and Mathematical studies, in particular.
PO 9	Lifelong learning: The programme provides self-directed learning and lifelong learning skills. The programme helps the learner to think independently and develop algorithms and computational skills for solving real word problems.
PO 10	Ability to peruse advanced studies and research in pure and applied Mathematical sciences.

Semester – I
Mechanics and Properties of Matter

Programme Outcomes (POs)

PO-1: Discipline Knowledge: Knowledge of science and ability to apply to relevant areas.

PO-2: Problem solving: Execute a solution process using first principles of science to solve problems related to respective discipline.

PO-3: Modern tool usage: Use a modern scientific, engineering and IT tool or technique for solving problems in the areas of their discipline.

PO-4: Ethics: Apply the professional ethics and norms in respective discipline.

PO-5: Individual and teamwork: Work effectively as an individual as a team member in a multidisciplinary team.

PO-6: Communication: Communicate effectively with the stake holders, and give and receive clear instructions.

Course Articulation Matrix:

Mapping of Course Outcomes (COs) with Program Outcomes (POs)

Program Outcomes (POs)

Course Outcomes (COs) (UGC guidelines)	1	2	3	4	5	6
CO-1: Will learn fixing units, tabulation of observations, analysis of data (graphical/analytical)	x	x				x
CO-2: Will learn about accuracy of measurement and sources of errors, importance of significant figures.	x	x				
CO-3: Will know how g can be determined experimentally and derive satisfaction.	x					
CO-4: Will see the difference between simple and torsional pendulum and their use in the determination of various physical parameters.	x			x	x	x
CO-5: Will come to know how various elastic moduli can be determined.	x				x	x
CO-6: Will measure surface tension and viscosity and appreciate the methods adopted.	x	x				
CO-7: Will get hands on experience of different equipment.	x	x	x		x	x

Course Articulation Matrix relates course outcomes of course with the corresponding program outcomes whose attainment is attempted in this course are Marked 'X' in the intersection cell if a course outcome addresses a particular program outcome.

Semester – II

Electricity & Magnetism

Programme Outcomes

PO - 1 Discipline Knowledge: Knowledge of science and ability to apply to relevant areas.

PO - 2 Problem solving: Execute a solution process using first principles of science to solve problems related to respective discipline.

PO - 3 Modern tool usage: Use a modern scientific, engineering and IT tool or technique for solving problems in the areas of their discipline.

PO - 4 Ethics: Apply the professional ethics and norms in respective discipline.

PO - 5 Individual and teamwork: Work effectively as an individual as a team member in a multidisciplinary team.

PO - 6 Communication: Communicate effectively with the stake holders, and give and receive clear instructions.

Course Articulation Matrix: Mapping of Course Outcomes (COs) with Program Outcomes (POs)

Program Outcomes (POs)

Course Outcomes (COs)	1	2	3	4	5	6
i. Will demonstrate Gauss law, Coulomb's law for the electric field, and apply it to systems of point charges as well as line, surface, and volume distributions of charges.	x	x				
ii. Will explain and differentiate the vector (electric fields, Coulomb's law) and scalar (electric potential, electric potential energy) formalisms of electrostatics.	x					
iii. Will be able to apply Gauss's law of electrostatics to solve a variety of problems.	x	x			x	
iv. Will describe the magnetic field produced by magnetic dipoles and electric currents.	x					
v. Will be able to explain Faraday-Lenz and Maxwell laws to articulate the relationship between electric and magnetic fields.	x					
vi. Will be in position to describe how magnetism is produced and list examples where its effects are observed.	x				x	x
vii. Will be able to apply Kirchhoff's rules to analyze AC circuits consisting of parallel and/or series combinations	x	x			x	x

of voltage sources and resistors and to describe the graphical relationship of resistance, capacitor and inductor.						
viii. Will understand and able to apply various network theorems such as Superposition, Thevenin, Norton, Reciprocity, • Maximum Power Transfer, etc. and their applications in electronics, electrical circuit analysis, and electrical machines.	x	x			x	x

Course Articulation Matrix relates course outcomes of course with the corresponding program outcomes whose attainment is attempted in this course. Mark 'X' in the intersection cell if a course outcome addresses a particular program outcome.

Electricity & Magnetism		Hrs
Unit – 1		
Chapter No. 1	Topics to be covered: Electric charge and field Coulomb's law, electric field strength, electric field lines, point charge in an electric field and electric dipole, work done by a charge (derivation of the expression for potential energy), Problems.	3
Chapter No. 2	Topics to be Covered Gauss's law and its applications (electric fields of a (i) spherical charge distribution, (ii) line charge and (iii) an infinite flat sheet of charge).	3
Chapter No. 3	Topics to be Covered Electric potential, line integral, gradient of a scalar function, relation between field and potential. Potential due to point charge and distribution of charges (Examples: potential associated with a spherical charge distribution, infinite line charge distribution, infinite plane sheet of charges). Constant potential surfaces, Potential due to a dipole and electric quadrupole. Problems	7
Topics for self study(If any)	Constant potential surfaces - for self learning Work out problems listed in the reference	
Suggested Activities		
Activity No. 1	<ol style="list-style-type: none"> Learn the difference between and DC and AC electricity and their characteristics. Voltage and line frequency standards in different countries. A small project report on production of electricity as a source of energy: Different methods 	

Zoology

Zoology Course Outcomes (COs):

At the end of the course the student should be able to understand:

1. The structure and function of the cell organelles.
2. The chromatin structure and its location.
3. The basic principle of life, how a cell divides leading to the growth of an Organism and also reproduces to form a new organisms.
4. How a cell communicates with its neighboring cells.
5. The principles of inheritance, Mendel's laws and the deviations.
6. How environment plays an important role by interacting with genetic factors.
7. Detect chromosomal aberrations in humans and study of pedigree analysis.

MANGALORE UNIVERSITY
POLITICAL SCIENCE

BA Political Science Programme offered from the Academic year 2021-22

Programme Structure

First Semester

Course Code	Course Title	Credits	Teaching Hrs/Week	Total Marks/Assessment*
DSC-1	Basic Concepts in Political Science	3	3	100 (60+40)
DSC-2	Political Theory	3	3	100 (60+40)
OE-1	Human Rights	3	3	100 (60+40)

Second Semester

DSC-3	Western Political Thought	3	3	100 (60+40)
DSC-4	Indian National Movement and Constitutional Development	3	3	100 (60+40)
OE-2	Indian Polity: Issues and Concerns	3	3	100 (60+40)

* Total marks for each course is 100. This would consist of an internal assessment for 40 marks and end semester examination for 60 marks.

Programme Objectives:

1. To familiarize the students with the basic ideas, thoughts, institutions and processes of the political system and enable them to grasp the principles and forces at work.
2. To inculcate among students the value and spirit of citizenship, universal brotherhood and democracy for a humane, vibrant and inclusive social and political order.
3. To acquaint students with the national and international political settings and prepare them to explore different career options including that of civil services and for responsible positions at different levels.
4. To equip students with the necessary skills and knowledge for meaningful political participation and to critically reflect on issues related to governance.

Programme Outcomes:

At the end of the successful completion of the course, students will have -

1. A nuanced understanding of the theoretical perspectives and basic aspects related to the political system and comprehend its dynamics.
2. Acquired and internalized the socially relevant values of harmony, democracy, citizenship for national progress, and contribute to the public good with responsibility and sensitivity.
3. An ability to analytically reflect on national and international processes and have the necessary skill, confidence and knowledge for making appropriate career choices including that of civil services and politics, and to shoulder responsibilities at different levels.
4. Necessary skills and knowledge to critically analyse and participate constructively in the political process, face the societal reality and challenges with knowledge and confidence, and offer insightful suggestions for the public good.

DSC-1: BASIC CONCEPTS IN POLITICAL SCIENCE

Course Title: BASIC CONCEPTS IN POLITICAL SCIENCE	
Course Code: DSC-1	Course Credits: 3
No. of Teaching Hours/Week: 3	Duration of End Sem. Exam: 3 Hours
Total Contact Hours: 45	Assessment (Marks): 60 (Theory) + 40 (IA) =100

Course Objective:

1. To introduce students to the concepts, categories, theories, and constructs of Political Science
2. To inculcate among students values and essentials of responsible and active citizenship.
3. To enable students to comprehend the values and principles underlying political order and to reflect constructively on the issues of governance.
4. To enable students to understand the interface between politics and society, and the complexities in political choices.

Learning Outcome:

At the end of the course, the students will -

1. Have an understanding of the fundamental concepts and aspects related to Political Science.
2. Have an appreciation and internalisation of the values of responsible and active citizenry.
3. Be prepared for constructive engagement with the political system with an awareness of the core values and principles of sound political order.
4. Have a nuanced understanding of the dimensions of politics - society linkages, and the priorities and concerns essential in complex political choices.

Pedagogy: Lectures/Tutorials/Interactive Sessions/Open Educational Resources (as reference materials), practical exercises/Assignments/ Seminars/Group discussions and counselling.

DSC-2: POLITICAL THEORY

Course Title: POLITICAL THEORY	
Course Code: DSC-2	Course Credits: 3
No. of Teaching Hours/Week: 3	Duration of End Sem. Exam: 3Hours
Total Contact Hours: 45	Assessment (Marks): 60 (Theory) +40 (IA) =100

Course Objectives:

1. To introduce the students to the concepts and constructs in political theory.
2. To enable students to evolve a comparative perspective on ideas and ideologies.
3. To help students understand the politico-normative issues with conceptual clarity and to apply it in practice.
4. To equip students to handle complex and abstract arguments in political theory.

Learning Outcomes

At the end of the course, the students will-

1. Have a nuanced understanding of the aspects and constructs of Political Theory.
2. Develop a conceptual framework and a capacity to grasp political ideas and issues from a normative perspective.
3. Comprehend the logic, ideological foundations and implications of the political ideas and issues backed by theoretical insights and apply the insights in practice.
4. Have an ability to formulate and construct logical arguments with an awareness of the ontological premises of the argument.

Pedagogy: Lectures/Tutorials/Interactive sessions/Open Educational Resources (as reference materials), practical exercises/Assignments/Seminars/Group discussions and counselling.

OE-1: HUMAN RIGHTS

(Open

Course Title: HUMAN RIGHTS	
Course Code: OE-1	Course Credits: 3
No. of Teaching Hours/Week: 3	Duration of End Sem. Exam: 3Hours
Total Contact Hours: 45	Assessment (Marks): 60 (Theory) +40 (IA) =100

Elective)

Course objectives

1. To enable students to understand the significance and foundations of the idea of human rights.
2. To familiarise students with the major texts and provisions governing human rights and mechanisms for monitoring and enforcing human rights.
3. To equip students with the responsibility to respect, defend and promote human rights.
4. To make students comprehend, sensitise and analyze the trends and contemporary challenges to human rights.

Learning Outcomes

At the end of the course, the students will-

Understand and appreciate the value and basis of human rights.

Have necessary knowledge of the legal provisions and requirements for effective implementation of human rights as well as mechanisms available for implementation of human rights.

Be able to identify, contextualise and use knowledge about human rights in a given situation.

Have the knowledge and skill to analyse the trends and challenges to human rights, and to apply human rights standards to societal issues with a solution to overcome the problem.

Introduction

Economics is a popular and much sought-after course owing to its policy relevance and application to business as well as real life situations. However, in the conventional graduate programmes, Economics education was more class-room based with very less practical orientation. Further, with changing technology, emergence of newer issues like uncertainty, pandemics, climate change and business data analytics; the skill requirements are changing. New business models demand newer skills to successfully manage the change. Therefore, keeping in mind the aspirations of the NEP, the emerging skill matrix and the progression of the student at various levels, the Curriculum Committee of Economics finalized the following programme structure to be taught for BA/B.Sc. (Basic and Honors).

Program Outcome

The four-year Bachelor of Arts and Science (B.A./B.Sc Basic/Honors) in Economics programme in economics is designed with option for multiple entry and exit. The students will be taught theory as well as the practical aspects of Economic Science. They would begin with fundamental concepts and then as they progress to higher semesters they would be introduced to more sophisticated and intricate concepts.

The main focus would be on conceptual clarity and practical usage of the knowledge gained. To make the students to 'think like an economist' is the main motto of the curriculum. They will also be exposed to quantitative approaches and tools to understand the economic relationships and also to analyse the data for framing as well as evaluating socio-economic policies. With varied electives and approaches to study socio-economic problems and policies, the graduates will be prepared to review and evaluate policies. The whole process aims at making them more inquisitive about the economic phenomena. After graduation, the students can apply their knowledge, skills and competencies across a broad range of occupations. They enjoy a rewarding career in academic, business, corporate, science, health care, government, or any field that uses the information to answer critical questions and inform decision-making.

Learning Objectives

The Graduates will demonstrate:

- ✓ Knowledge of the principles, methodologies, value systems, and thought processes employed in understanding economic behavior of human beings;
- ✓ Ability to solve problems in microeconomics and macroeconomics;

- ✓ Understanding of contemporary economic issues and the impact of public and social policies to resolve them;
- ✓ Understanding of markets and how they function;
- ✓ Ability to identify, formulate and solve problems related to global, national and local socio-economic development.
- ✓ Ability to design and conduct Social and Behavioral experiments;
- ✓ Ability to design Questionnaires and other Survey tools.
- ✓ Ability to structure and analyse economic data with statistical tools, software and equipment;
- ✓ Ability to critically evaluate academic and policy research in economics;
- ✓ Ability to visualize and work on multidisciplinary tasks;
- ✓ Knowledge of professional and ethical responsibilities;
- ✓ Ability to communicate effectively in both verbal and written form;
- ✓ Confidence for self-education and ability for life-long learning.
- ✓ Participation and success in competitive examinations like UPSC/KPSC Civil Services, Indian Economic Services etc.;
- ✓ Ability to prepare and understand simple financial statements

Program Outcomes

The Programme out comes(POs)are expected to be as under:

- Students will be able to understand economic vocabulary, methodologies, tools and analysis procedures.
- Students will be familiar with the knowledge and application of micro economics for the formulation of policies and planning.
- Students will learn to apply economic theories and concepts to contemporary social issues, as well as analysis of policies.
- Students will be able to understand the impact of government policies and will be able to assess the consequences of the policies on the parties involved.
- As the programme along with economics contains like statistics, mathematics, it enhances them to compute and assess the real situation of the economy including the size and changes of population, income pattern, and rate of development with pattern of savings and investments and social security measures adopted in the country.
- Understand the basics of Quantitative techniques their applications

- Critically evaluate the on going economic developments in India and abroad
- **Understand research methods in economics**
- Student develops an awareness of career choices and the option for higher studies.

NEED FOR CURRICULUM DEVELOPMENT

As per the NEP 2020 initiatives, it is intended to formulate Curriculum to eliminate the disparities among the students studying in different Universities/Institutes. The need for the curriculum development in Economics emerges due to the following reasons

1. **Changing Economic Scenario;** The Indian Economy is witnessing a radical amount of the changes in the economic policies since the introduction of the New Economic policy in 1991, followed by second and third generation reforms. India is not only inviting the FDI but at the same time also promoting Atmanirbhar Abhiyaan (A Self-reliant India). Market economy has expanded creating new opportunities and hence a new economics curriculum is prepared which helps the student to utilize the emerging.
2. **Credit transfer:** Credit transfer is approved by the UGC and the Government that allows the allows students to transfer course from their existing university to a new UGC approved university. The same number of credits in all the Universities in Karnataka is the first step to towards the credit transfer from University to University.
3. **Different Syllabus for BA and BSC in Economics:** All these years the BA and BSC in Economics had the same syllabus and as a path breaking the committee has prepared the separate syllabus for BA and BSC in Economics which suits to the needs of the changing time.
4. **Skill Enhancement:** The new curriculum focuses more on hands on training, internship and thereby enhancing the skills of the students. The papers like data analytics etc further helps to develop the skills in the students.

BA (Hons) Economics
Semester 1

DSC1.2: Basic Economics–I (Economic Analysis -I) 3credits

Course Outcomes:

By the end of the course the student will be able to:

1. Identify the facets of an economic problem.
2. Learn basic economic concepts and terms.
3. Explain the operation of a market system;
4. Analyse the production and cost relationships of a business firm;
5. Evaluate the pricing decisions under different market structures; and
6. Use basic cost-benefit calculations as a means of decision making (i.e., thinking like an economist)

Content of Basic Economics I	42 Hrs
Unit– 1 Basic Concepts in Economics	14
ChapterNo.1 Nature and Scope of Economics <ul style="list-style-type: none"> • Meaning of Economics • Nature of Economics • Scope of Economics • Methods of Economics • Why Study Economics? 	5
ChapterNo.2 Role of an Economist <ul style="list-style-type: none"> • Thinking Like an Economist • The Economist as Scientist • The Economist as Policy Adviser • Economic Policy 	4
ChapterNo.3 Economic System <ul style="list-style-type: none"> • Types of Economic Activities • Organisation of Economic Activities • Circular Flow of Economic Activities • Evolution of the Present Economic Systems 	5
Practicum: 1. Group Discussions on Choice Problem 2. Assignment on Types of Economic Systems	
Unit – 2 Demand, Supply and Markets	14

Semester I

Course Title: DSC1.3:Contemporary Indian Economy	
Total Contact Hours:42	Course Credits:3
Formative Assessment Marks:40	Duration of ESA/Exam: 3 Hrs
Model Syllabus Authors:	Summative Assessment Marks:60

Course Pre-requisite(s):

Course Outcomes (COs):

At the end of the course the student should be able to:

- i. Understand the current problems of Indian Economy
- ii. Identify the factors contributing to the recent growth of the Indian economy
- iii. Evaluate impact of LPG policies on economic growth in India
- iv. Analyze the sector specific policies adopted for achieving the aspirational goals
- v. Review various economic policies adopted

Content of Course1	42 Hr
Unit-1 ECONOMIC REFORMS AND AGRICULTURE	14
Chapter No.1 Recent Issues	4
<ul style="list-style-type: none"> • Genesis and Impact of new Economic policy • India's population policy • Demographic Dividend • India's human development in global perspective 	
Chapter No.2 Urbanization and governance	
<ul style="list-style-type: none"> • Urbanization and Smart City Mission • Urban Informal sector • Urban Infrastructure • Urban Environmental Problems 	
ChapterNo.3EconomicReformsandAgriculture	4
<ul style="list-style-type: none"> • Agriculture and WTO • Price policy and Subsidies • Commercialisation and Diversification • Food security and PDS • Impact of public investment on agricultural growth • Agrarian Crisis, Farm Incomes, MGNREGS 	6
Practicum	
<ol style="list-style-type: none"> 1. Mini project to ascertain the impact of pandemic on lives of different sections of population 2. Field visits to understand the agrarian situation 	

SYLLABUS FOR FIRST TWO SEMESTERS
OF BA HONORS IN ECONOMICS

<p>Chapter No.6.Elasticity and its Measurement</p> <ul style="list-style-type: none"> • Types of Elasticity of Demand • Price, Income and Cross Elasticities • Measurement of Elasticity of Demand • Determinants of Elasticity of Demand <p>Practicum: 1.Estimation of demand elasticities 2..solving an equilibrium problem</p>	5
<p>Unit –3Cost and Market Structures</p>	14
<p>Chapter No. 7 Production and Costs</p> <ul style="list-style-type: none"> • Production Function • Total Production Cost • Marginal Production Cost • Average Production Cost • Revenue Functions 	4
<p>Chapter No.8.Cost and Revenue Analysis</p> <ul style="list-style-type: none"> • Cost in the Short run • Fixed Costs and Variable Costs • Marginal Costs • Long run and MC • TR,MR, AR 	5
<p>Chapter No.9.Types Markets</p> <ul style="list-style-type: none"> • Markets • Perfect and Imperfect Competition • Features of Perfect Competition • Monopoly, Oligopoly and Monopolistic Competition • Pricing Strategies 	5
<p>Practicum: 1. Calculation of various costs and comparing them with production concepts; a mini-project can be taken up wherever possible</p>	
<p>2.Studying the real-life pricing mechanism through a project/case studies</p>	
<p>References(indicative)</p>	
<p>1. Cohen, A.J. (2020). <i>Macroeconomics for Life: Smart Choices for All? + My Lab Economics with Pearson e Text</i> (updated 2nded.). Toronto,ON:PearsonCanadaInc.Type:Textbook:ISBN:9780136716532</p> <p>2. Cohen, A.J. (2015). <i>Microeconomics for Life: Smart Choices for You + My Lab Economics with Pearson e Text</i>(2nd ed.). Toronto, ON: Pearson Canada Inc.Type:Textbook:ISBN:9780133899368</p> <p>3. Case Karl E. and Fair Ray C. Principles of Economics, Pearson Education Asia,2014.</p>	
<p>4. MankiwN.Gregory.PrinciplesofEconomics,Thomson,2013.</p>	
<p>5. Stiglitz J.E. and Walsh C.E. Principles of Economics, W.W. Norton & Co, NewYork, 2011.</p>	