

Programme specific outcomes (PSOs) Subject –B.A.

English

Programme code	Programme Name	Level	Programme specific outcomes
P3	B. A. English	UG	ENGLISH FOR COMMUNICATION I. Basic knowledge of English as Language. II. Major knowledge of English as Literature, III. Basic knowledge of English Grammar IV. Critical study of English Literary studies. V. Relation between pleasure of literature and real life. VI. Inculcate the human values for ones transformation of behavior VII. Nurture themselves in soft skills and develop research aptitude

Loknete Hon. Hanmantrao Patil Charitable Trust's Adarsh College Vita

Course Outcomes (COs) Subject –

B.A. English

Programme code	Programme Name	Level	Programme specific outcomes
P3	B.A.I.II (English Course)	UG	English a. Spoken communication and written communication. b. Writing of Resume, letters of application, business letters. c. Writing News-report, Essay, paragraph, review, etc. d. Narration of experience, daily routine. e. Interview Techniques. f. Understanding and interpretation of poem, prose, essay short stories, etc.
P4	B.A.1,II,III (English Optional and Special)	UG	English a. Enjoyment of literature b. Pleasure of literacy forms such as novel, poem, play, and essay. c. Critical understanding of literature. d. Relation between literature and real life. e. Emotional development of human mind.

Loknete Hon. Hanmantrao Patil Charitable Trust's

Adarsh College, Vita

NAAC : Criterion Course Outcomes **Programme specific outcomes (PSOs)**

Subject – Marathi

2020-2021

Programme code	Programme Name	Level	Programme specific outcomes
B.A.I P-1,2 (DSC-A1)	Marathi (optional)	UG	Textbook - Alphabetical (p-1,2) (अक्षरबंध) 1) Developed interest in Marathi language and literature in the students 2) Introduced Marathi literary tradition, writers and poets. 3) Created awareness in the students about mother tongue, national unity and high human values. 4) Developed the personality of the students and prepared for various exams and competitive exams. 5) Increased scope for film and media coverage and application.
B.A.II P-4,6 (DSC-C2)	Marathi	UG	Textbook - Poetry Scent (p-4) (काव्यगंध) 1) Introduced the Marathi poetic tradition. 2) Discovered the interrelationship between man and society that emerges from Marathi poetry. 3) The value of artistic imagery of poetry is studied. 4) Special practice of poetry writing according to the flow of poetry. 5) Rooted poetry writing skills through demonstrations.
			Jugaad (Novel) (p-6)

			<p>(जुगाड)</p> <ol style="list-style-type: none"> 1) Introduced the novel genre. 2) Discovered new space in contemporary fiction. 3) Created awareness of human values. 4) Special study of novel writing. 5) Root reading skills.
B.A.III P-8,13	Marathi	U.G.	<p>Linguistics and Marathi language (p-8, p-13)</p> <p>भाषाविज्ञान आणि मराठी भाषा</p> <ol style="list-style-type: none"> 1) Introduced Adhunik Bhasha Vidyan 2) Understood Bhasha Vidyan and Marathi Bhasha 3) Understood Sonvichar, Roopvichar v Vakyavichar 4) Understood modern linguistics. 5) Familiarized information of Dwani and Arthaparivarthan . 6) Studied Praman Bhasheche swaroop and Vishesh. 7) Developed interests about Marathi Language.
8) B.A.III 9) P-9,14 10)	11) Marathi	12) U.G.	<ol style="list-style-type: none"> 13) History of Madhayugin Marathi Literature (Prarambh To 1800) (P-9,14) 14) Introducing medieval Marathi literary tradition and history . 15) Introducing the Vadmay compositional forms of this period . 16) Introducing the literary impulses of this period ,unraveling the cultural background of literature of this period . 17) Explain the relationship

			<p>between the major sects and the book production of this period .</p> <p>18) To Explain the nature of Marathi language in this period .</p>
<p>19) B.A.III 20) P-11,16 21)</p>	22) Marathi	23) U.G.	<p>24) (Vangmay Pravahache Adhayan: Madhayugin) (Pathapustak Nivdak Drushant Path) (p-11,)</p> <p>25) Introduced Mdhayugin Maharashtra and Mahanubhav Panth.</p> <p>26) Understood Mahanubhav Vagmayachya Prerana and Swaroop.</p> <p>27) Introduced Mahanubhaviy Granthkar Kesobas</p> <p>28) Studied Drushtantpathatil Ashayswaroop v Abhivakti Wishesh.</p> <p>29) Introduced Drushantpathatil Bhashik Vaibhav</p> <p>30) Vangamay Prakarache Adhayan: Lalit Gadhay (Vaktichre) (p-16)</p> <p>31) (Mulakhavegali Manse)</p> <p>32) Studied Lalit Gadya Vagmay Prakarache Swaroop</p> <p>33) Understood Vaktichitra Sankalpana v Swaroop</p> <p>34) Studied Pravahanaroop Marathi Vaktichitrancha Swaroop</p> <p>35) Understood Mulkavegali Manase Mdhil Vaktivisheshanche Aaklan</p> <p>36) Understood Mulkavegali Manase Mdhil Shaikshanik, Samajik Sanskrutik rajkiy, Paryawaran and Family Bhavvish</p> <p>37) 5) Understood Mulkavegali Manase Mdhil Gramin v Upikshitanchya</p>

			jivan 38) Understood Mulkavegali Manase Mdhil abhivakti, Nivedanshali v Bhashavishesh
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Programme specific outcomes (PSOs)

Subject-Hindi

Programme code	Programme name	Level	Programme Specific Outcomes
p -	B.A. I,II,III, (Hindi)	U.G.	<p>Hindi (OPT) Sahitya Jagat</p> <ol style="list-style-type: none"> 1. The interest of Hindi literature increased. 2. The people became familiar with the different variations of literature. 3. The teachers became familiar with the representatives of Hindi writers and young poets. 4. The story-story sketches became the emotional development of students through monetary monuments etc. 5. The idea of the thoughts and imagination of the increased. <p>Srujanmak Lekhan (comp)</p> <ol style="list-style-type: none"> 1. Students became familiar with the study of Hindi language and grammar. 2) Students got acquainted with the various genres of creative writing (poetry, story, travelogue, reports, interviews, visual literature, journalism). 3) Students became acquainted with the importance and utility of various fields of creative writing. 4) Students became familiar with various forms of Hindi. 5) Students became familiar with purposeful Hindi. 6) Students became familiar with the form and types of correspondence. 7) Student Practical Writing. <p>Asmitamulak Vimarsh Aur Hindi Gadya Sahitya</p> <ol style="list-style-type: none"> 1. The nature of the nature of literature became familiar with the elements and types. 2. The people studied the story literature on the basis of review criteria. 3. The people did the recreational study of impression literature. 4. The people studied with the current relevance of the legend and rating literature. <p>Hindi sant kavya taha rashtriya kavya dhara</p> <ol style="list-style-type: none"> 1. Students' interest in Hindi literature has increased and become familiar with various genres of literature. 2) In the students, moral values have become faith towards national values and responsibilities.

		<p>3) Students became acquainted with medieval Hindi poets.</p> <p>4) Students became familiar with the diverse discourses depicted in modern Hindi poetry.</p> <p>Vidha Vishesh ka adhyayan</p> <ol style="list-style-type: none"> 1. Introduced the versatile talent of Kusum Kumar. 2. Introduced with the literature of Kusum Kumar. 3. The forgetting became familiar with the ideology of Kusum Kumar. 4. The Chief Minister studied the dramatist Kusum Kumar's prescribed book (final evidence) <p>Kavyashastra</p> <ol style="list-style-type: none"> 1. The class became familiar with different organs and pitters of poetry. 2. The students became familiar with the innovative and new streets of poetry. 3. The second review became familiar with the principles. 4. The leader became familiar with the elements of literature and poetry. 5. The people became familiar with the ornaments. <p>Hindi Sahitya ka Etihad</p> <ol style="list-style-type: none"> 1. Students became aware of the development journey of Hindi language and literature. 2. Students became aware of different ideologies and trends in the development journey of Hindi literature through Hindi language. 3. The vision of students to understand and evaluate literature has increased. 4. Students became acquainted with the development sequence of various literary genres in the context of literature. 5. Students became aware of Hindi language in the context of socio political situations. 6. Students became acquainted to know the time division and naming presented by historians. 7. The prominent saint poets of Hindi have become familiar with his compositions and his contribution to social reform. <p>Prayojanmulak Hindi</p> <ol style="list-style-type: none"> 1. The interest of working in Hindi has evolved in Hindi. 2. The class became familiar with the terminology. 3. Introducing the form of government correspondence
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		<p>in the world .</p> <ol style="list-style-type: none">4. The gentle became familiar with the massacrosis and electronic.5. The second employment gets aware of the usefulness of Hindi. <p>Bhasha Vidnyan aur hindi Bhasha</p> <ol style="list-style-type: none">1.Students became aware of various forms of language.2) Students have made a general introduction to linguistics.3) Students have become aware of the origin and development of Hindi language and script.4) Students have become familiar with standard Hindi spelling and grammar.
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Adarsh College,Vita

Department-Hindi

Course Outcomes-2019-2020

Course code	Course name	Level	Course Outcomes
p	B.A. I,II,III, (Hindi)	U.G.	<ol style="list-style-type: none">1. To study Hindi language and grammar.2. Varied genres of creative writing (poetry, story, travelogue, reports, interviews, Visual literature, journalism).3. To introduce various areas of creative writing.4. To introduce various forms of Hindi.5. Introducing purpose-oriented Hindi.6. To introduce the nature and types of correspondence.7. To increase interest of Hindi literature of the students and make them familiar with the different genres of literature.8. To instill faith in students about moral values, national values and responsibilities.9. To introduce the student to the medieval Hindi poets.10. Introduce the student to the diverse discourses depicted in modern Hindi poetry.11. To make aware of the development journey of Hindi language and literature.12. To introduce different ideologies and trends in the development journey of Hindi literature through Hindi language.13. To increase the eyesight of students to understand and evaluate literature.14. Familiarize the student with the development sequence of various literary genres in the context of literature.15. To make the student aware of Hindi in the context of socio political situations.16. To motivate students to learn the time division and naming presented by historians.17. Famous saint poet of Hindi to introduce students to his compositions and his contribution to social reform.18. Introducing various forms of language.19. General introduction of linguistics.20. To introduce the origin and development of Hindi language and script.21. To introduce students to standard Hindi spelling and grammar.22. To increase interest of students towards Hindi literature and to make students familiar with the different genres of literature.

			<p>23. To introduce students to the representative writers and youngpoets of Hindi.</p> <p>24. To develop students' emotional development through the medium of essays, storylines, sketches, memoirs, satire etc. 25. Promote students' thought ability and imagination.</p> <p>26. To study the nature and types of story literature.</p> <p>27. To study fiction based on review criteria.</p> <p>28. To conduct a critical study of non-fiction literature.</p> <p>29. To study the story and non-fiction literature with presentrelevance.</p> <p>30. Introducing Kusum Kumar's versatility.</p> <p>31. Introducing the literature of the narrator Kusum Kumar.</p> <p>32. Introducing the ideology of playwright Kusum Kumar.</p> <p>33. To conduct a small critical study of the prescribed texts (finalevidence) of Natarakar Kusum Kumar.</p> <p>34. To introduce you to various parts and distinctions of literatureor poetry.</p> <p>35. To introduce new genres of literature and poetry.</p> <p>36. Introduce review principles.</p> <p>37. To introduce the elements of literature and poetry.</p> <p>38. Familiarize with ornaments.</p> <p>39. Develop interest in working in Hindi.</p> <p>40. To familiarize with the terminological terminology.</p> <p>41. To introduce the nature of official correspondence.</p> <p>42. Familiarization with mass communication and electronicmeans.</p> <p>43. To make us aware of the usefulness of employment inHindi. tion of linguistics.</p>

Department of History Program
Specific Outcomes

Course No.	Title of Course	Level	Course Outcomes
DSE E-61	Early India (from beginning to 4th c. BC) Paper VII	B.A. Part –III (History) Semester –V	After studying the course the student will be able to ... 1) Understand the transition of humans in India from Hunters to Farmers 2) Explain the transition from Early to Later Vedic period. 3) Clarify the causes for the first and second urbanizations 4) Give an account of the teachings of Gautama Buddha and Vardhamana Mahavira 5) Describe the rise and growth of the Mauryan Empire 6) Explain the salient features of Ashoka's Dhamma
DSE E-186	Ancient India (From 4th c. BC to 7th c. AD) Paper XII	Semester –IV	After studying the course the student will be able to... 1) Know the political, economic and religious developments which took place in early historic India 2) Explain the role played by Major Satavahana, Kushana, Gupta and Vakataka Kings 3) Give an account of the developments in the Post-Gupta period 4) Have an informed opinion about the society and culture of Ancient India
DSE E-62	History of Medieval India (1206-1526 AD) : Paper VIII	B.A. Part – III (History) Semester – V	After studying the course the student will be able to... 1) Describe the different types of historical sources available for writing the history of medieval India 2) Explain the contributions of medieval rulers like Allaudin Khilji, Muhammad-bin Tughlaq, Krishnadevraya, and Mahmud Gawan 3) Give an account of the administration and economy of the Delhi sultanate and Vijayanagar Empire 4) Elucidate the significant developments which took place in religion, society and culture
DSE E-187	History of Medieval India (1526-1707 AD) Paper XIII	Semester – VI	After studying the course the student will be able to... 1) Know about the various sources for writing Medieval Indian history 2) Explain the role of rulers like Babar, Akbar, Chandbibi and Ibrahim Adilshah II 3) Gain knowledge about the administrative and revenue system 4) Describe the condition of Industry and trade 5) Explain important developments in religion, society and culture

DSE E-63	Age of Revolution sPaper IX	B.A. Part – III(History) Semester – V	After studying the course the student will be able to... 1) Explain the causes and consequences of the Reformation 2) Give an account of the role played by Martin Luther 3) Explain the salient features of the Industrial revolution 4) Given an account of the American revolution 5) Explain the causes, effects and major events of French Revolution 6) Explain the role of major leaders of the French
DSE E-188	Making of the Modern World (16th to 19th Century) Paper XIV	Semester – VI	Revolution After studying the course the student will be able to... 1) Know the causes and consequences of the Glorious revolution in England 2) Explain the concept of Nationalism and account for its rise and spread. 3) Describe the unification of Italy and Germany. 4) Give an account of the rise, growth and impact of Imperialism 5) Explain the significance of the Partition of Africa 6) Know the life and thoughts of important leaders like Metternich, Karl Marx and Abraham Lincoln
DSE E-64	Political History of the Marathas Paper X	B.A. Part – III(History) Semester – V	After studying the course the student will be able to... 1) Describe the political conditions of the Marathas upto the year 1740 2) Explain the role of Balaji Bajirao. 3) Explain the causes and effects of the Battle of Panipat. 4) Understand the political condition of the Marathas after 1761. 5) Critically analyze the causes for the decline of Maratha power.
DSE E-189	Polity, Economy and Society under the Marathas Paper XV	Semester – VI	After studying the course the student will be able to... 1) Know the various sources for writing the history of the Marathas 2) Explain the significant developments in the polity of the Marathas 3) Describe the economic conditions 4) Explain the social conditions.

DSE E-65	History: Its Theory Paper XI	B.A. Part – III(History) Semester – V	After studying the course the student will be able to... 1) Understand the definition and scope of the subject of History 2) Know the process of acquiring historical data 3) Explain the process of presenting and writing history 4) Understand the methods of writing history
DSE E-190	Methods and Applications of History Paper XVI	Semester – VI	After studying the course the student will be able to... 1) Understand the nature of archival sources 2) Gain conceptual clarity about recent trends in history. 3) Know about the application of history in museums. 4) Explain the concept and scope of heritage tourism.
Course No.	Title of Course	Level	Course Outcomes
	The Rise of Maratha power	B.A. Part – I (History) Semester – I	After studying the course the student will be able to... 1) the primary aim of this course is to introduce students to the history of the Rise of Maratha Power with main
	(1600-1707) Paper – I Polity, Society and Economy under the Marathas (1600-1707) Paper - II	Semester – II	emphasis on life and work of Chhatrapati Shivaji Maharaj. The course is also expected to apprise the students with the sacrifices made by Maratha leaders and people to protect freedom and sovereignty of the region. The course is designed to acquaint the students with the political, social and religious life of the people. It will educate the students about the policy and contribution of Chhatrapati Shivaji Maharaj. After studying the course the student will be able to... 1) the primary aim of this course is to introduce students to the history of the Rise of Maratha Power with main emphasis on life and work of Chhatrapati Shivaji Maharaj. The course is also expected to apprise the students with the sacrifices made by Maratha leaders and people to protect freedom and sovereignty of the region. The course is designed to acquaint the students with the political, socio-economic and religious life of the people during the 1600-1707 period. It will educate the students about the policy and contribution of Chhatrapati Shivaji Maharaj)

	<p>History of Modern Maharashtra (1900-1960) Paper III</p> <p>History of Modern Maharashtra (1960-2000) Paper V</p>	<p>B.A. Part – II(History) Semester –III</p> <p>Semester – IV</p>	<p>After studying the course the student will be able to... This course introduces the student to the very historical events and transformations which have played an important role in meaning of modern Maharashtra the events and changes that took place during this period made a lasting impact on the polity society and economyof the region. The identity of Maharashtra region was forged during this period .</p> <p>After studying the course the student will be able to... This course introduces the student to the very historical events and transformations which have played an important role in meaning of modern Maharashtra the events and changes that took place during this period made a lasting impact on the polity society and economyof the region. The identity of Maharashtra region was forged during this period .</p>
	<p>History of India (1757-1847) Paper IV</p>	<p>B.A. Part – II(History) Semester –III</p>	<p>After studying the course the student will be able to... 1)This course will acquaint the students with the history ofIndia Under the British rule. It will help the student to understood how the East India company established andconcolidated its rule in India. They will know about the impact of colonial rule on the Indian economy. 2) The course is designed to study the freedom struggle in India from (1757 to 1858) It will familiar the students with</p>
	<p>History of Freedom Struggle (1858-1947) Paper VI</p>	<p>Semester –IV</p>	<p>events leading to emergnrcne of historical consciousness inIndia . They will be acquainted with prolouged struggle under the leadership of mahatma Gandhi . The course of communalism and the process which led to the partition of India .</p> <p>After studying the course the student will be able to... 1) This course will acquaint the students with the history of India Under the British rule. It will help the student to understood how the East India company established and concolidated its rule in India. They will know about the impact of colonial rule on the Indian economy. 2) The course is designed to study the freedom struggle in India from (1858 to 1947) It will familiar the students with events leading to emergnrcne of historical consciousness inIndia . They will be acquainted with prolouged struggle under the leadership of mahatma Gandhi . The course of communalism and the</p>

			process which led to the partition of India .
	Social Reforms In India IDS Paper - I	B.A. Part –II (History) Semester – III	After studying the course the student will be able to... 1) this course is conceived to introduce the students to the social and religious change in India expressed in various social reform movements. Students will explore the significance and impact of prominent social and reform movements. It will help the students to understand how the ideals of rationalism, humanism and universalism were encouraged by the Indian social reformers. The course will attract students from a wide variety of social science disciplines.
	Social Reforms In Maharashtra IDS Paper - II	B.A. Part –II (History) Semester –IV	After studying the course the student will be able to... 1) this course is conceived to introduce the students to the social and religious change in India expressed in various social reform movements. Students will explore the significance and impact of prominent social and reform movements. It will help the students to understand how the ideals of rationalism, humanism and universalism were encouraged by the Indian social reformers. The course will attract students from a wide variety of social science disciplines.

**Loknete Hanmantrao Patil Charitable
Trust's**

Adarsh College, Vita NAAC:

Criterion –II Course

Outcome

Department Of Commerce

Course Code	Course Name	Course Level	Name and Number of the Subject	Course Outcome On Successful completion of the course, the student will be able to
CC	B.COM. I(CBCS)	UG	Management Principles and Applications -Paper-I Core Course	1. Acquire Knowledge of basic management concepts, principles and Practices. 2. Attain Knowledge of basic management functions.
CC	B.COM. I(CBCS)	UG	Management Principles and Applications -Paper-II Core Course	1. Acquire Knowledge of basic management concepts, principles and Practices. 2. Acquire Knowledge of basic management functions.

Course Code	Course Name	Course Level	Name and Number of the Subject	Course Outcome On Successful completion of the course, the student will be able to
GEC	B.COM. I(CBCS)	UG	Principles Of Marketing Paper I Generic Elective Course	1. Gain basic knowledge of Concepts, principles, tools and techniques of marketing.
GEC	B.COM. I(CBCS)	UG	Principles Of Marketing Paper II Generic Elective Course	1. Pick up basic knowledge of 4P's of marketing and retailing

Course Code	Course Name	Course Level	Name and Number of the Subject	Course Outcome On Successful completion of the course, the student will be able to
GEC	B.COM. I(CBCS)	UG	INSURANCE Paper I Generic Elective Course	1 Explain various types of risks. 2. Explain nature and principles of Insurance 3. Describe features of life Insurance

GEC	B.COM. I(CBCS)	UG	INSURANCE Paper II Generic Elective Course	<ol style="list-style-type: none"> 1. Explain the fundamentals of general insurance. 2. Explain the regulatory framework of Insurance in India
Course Code	Course Name	Course Level	Name and Number of the Subject	Course Outcome On Successful completion of the course, the student will be able to
GEC	B.COM. II(CBCS)	UG	1.Fundamentals of Entrepreneurship- Paper-I Generic Elective Course	<ol style="list-style-type: none"> 1. Impart theoretical knowledge of Entrepreneurship. 2. Develop Entrepreneurship qualities and skills. 3. Explain the Steps involved in the formation of Small Enterprises. 4. Describe Recent Trends and Concepts in Entrepreneurship.
GEC	B.COM. II(CBCS)	UG	2.Fundamentals of Entrepreneurship- Paper-II Generic Elective Course	<ol style="list-style-type: none"> 1. Grab opportunities, to acquaint their family business in India. 2. Learn the conceptual knowledge of Service and Agro Entrepreneurship.. 3. Describe about Business Plan and Project Report. 4. Be inspired through successful stories of Entrepreneurs.

Course Code	Course Name	Course Level	Name and Number of the Subject	Course Outcome On Successful completion of the course, the student will be able to
	B.COM.III (Old)	UG	Modern Management Practice- Paper-I Core Course	<ol style="list-style-type: none"> 1. Impart knowledge of modern management and contribution of experts. 2. Understand concepts of strategic management and CRM 3. Know the concepts of corporate governance and social Responsibility. 4. Understand the concept of knowledge and disaster management

	B.COM.III (Old)	UG	Modern Management Practice- Paper-II Core Course	<ol style="list-style-type: none"> 1. Explain knowledge of total qualitymanagement(TQM) 2. Understand Quality standards like sixsigma,ISO-9000 and benchmarking. 3. Describe the concept of time, Eventand stress Management 4. Explain the concept of International management, MNCs and theory 'Z'
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Loknete Hanmantrao Patil Charitable Trust's

Adarsh College, Vita

NAAC: Criterion –II Course

Outcome

Department Of Commerce CBCS

From Academic Year 2018-19

Course Code	Course Name	Course Level	Name and Number of the Subject	Course Outcome On Successful completion of the course, the student will be able to
	B.COM. I	UG	Management Principles and Applications -Paper-I	1. Acquire Knowledge of basic management concepts, principles and Practices. 2. Attain Knowledge of basic management functions.
	B.COM. I	UG	Management Principles and Applications -Paper-II	1. Acquire Knowledge of basic management concepts, principles and Practices. 2. Acquire Knowledge of basic management functions.

Course Code	Course Name	Course Level	Name and Number of the Subject	Course Outcome On Successful completion of the course, the student will be able to
	B.COM. I	UG	Principles Of Marketing Paper I Generic Elective Course	1. Gain basic knowledge of Concepts, principles, tools and techniques of marketing.
	B.COM. I	UG	Principles Of Marketing Paper II Generic Elective Course	1. pick up basic knowledge of 4P's of marketing and retailing

Course Code	Course Name	Course Level	Name and Number of the Subject	Course Outcome On Successful completion of the course, the student will be able to
	B.COM. I	UG	INSURANCE Paper I Generic Elective Course	<ol style="list-style-type: none"> 1 Explain various types of risks. 2. Explain nature and principles of Insurance 3. Describe features of life Insurance
	B.COM. I	UG	INSURANCE Paper II Generic Elective Course	<ol style="list-style-type: none"> 1. Explain the fundamentals of general insurance. 2. Explain the regulatory framework of Insurance in India
Course Code	Course Name	Course Level	Name and Number of the Subject	Course Outcome On Successful completion of the course, the student will be able to
	B.COM. II	UG	1.Fundamentals of Entrepreneurship- Paper-I Generic Elective Course	<ol style="list-style-type: none"> 1. Impart theoretical knowledge of Entrepreneurship. 2. Develop Entrepreneurship qualities and skills. 3. Explain the Steps involved in the formation of Small Enterprises. 4. Enlighten Recent Trends and Concepts in Entrepreneurship.
	B.COM. II	UG	2.Fundamentals of Entrepreneurship- Paper-II Generic Elective Course	<ol style="list-style-type: none"> 1. Grab opportunities, to acquaint their family business in India. 2. Learn the conceptual knowledge of Service and Agro Entrepreneurship.. 3. Describe about Business Plan and Project Report. 4. Be inspired through successful stories of Entrepreneurs.

Course Code	Course Name	Course Level	Name and Number of the Subject	Course Outcome On Successful completion of the course, the student will be able to
	B.COM.II I	UG	Modern Management Practice- Paper-I Core Course	1. impart knowledge of modern management 2. understand concepts of CRM 3. know the concepts of emotional and social intelligence 4. understand the concept of lean and talent management
	B.COM.II I	UG	Modern Management Practice- Paper-II Core Course	1. explain knowledge of total quality management 2. understand the Japanese and Chinese Management Practices 3. Describe the concept of Event and Performance Management 4. explain the concept of time and stress management

Loknete Hon.Hanmantaro Patil Charitable Trust's
Adarsh College, Vita
NAAC: Criteteria –II
Program Specific Outcomes
Department Of Economics

Programme Code	Programme Name	Level	Program Specific Outcomes
DSE E-71	BA	UG	Explain what economics is and explain why it is important Understand consumer decision making and consumer behaviour Define the concept of utility and satisfaction Derive revenue and cost figures as well as curves Understand producer decision making and producer behaviour
DSE –E - 72			Identify the dimensions of development Distinguish the fundamental and contemporary development debate Know the theories of economic development Realise the role of state in economic development
DSE – E 73			Explain international trade Understand the measurement of gains from international trade Distinguish different rates of exchange Measure the terms of trade
DSE –E 74			Get acquainted with the basic concepts of research and its methodologies. Select and define appropriate research problem and parameters.
DSE –E 75			Understand the basic economic ideas of various economic thinkers of the world. Understand the development of economic thoughts
DSE E196			Identify the market structure Analyse the economic behaviour of individual firms and markets Analyse a firm's profit maximising strategies under different market conditions • Understand the factor pricing
DSE – E 197			Get acquainted with economic planning and its importance in development Get acquainted with development of planning and planning machinery in India Evaluate sectoral performance of the Indian economy Compare and analyse Indian models of economic development
DSE –E 198			Distinguish between balance of trade and balance of payments Analyse the balance of payments Understand the various types of foreign capital Analyse the impact of international institutions on Indian economy.

<p>DSE – E - 199</p>		<p>Understand the sampling techniques as a method of datacollection Use techniques of data analysis in researchWrite a research report and thesis Write a research proposal (grants)</p>
<p>DSE – E 200</p>		<p>Understand the economic concepts and theories of Neo-Classicaland Indian thinkers.</p>

Loknete Hon.Hanmantaro Patil Charitable Trust's
Adarsh College,Vita
NAAC:Criteria –II
Program Specific Outcomes
Department Of Economics

Programme Code	Programme Name	Level	Course Outcomes
	BA I, II,III	UG	<ul style="list-style-type: none"> • To acquaint the students with various dimensions of, as also the challenges, confronting the Indian economy. It endeavours to provide useful insights to the students about the present economic standing and composition of the Indian economy, the major sectors and their relative importance in the Indian economy and the major challenges faced by it. To introduce the students to the Indian economy. To develop an understanding of challenges facing the Indian economy. To acquaint the students with Structure of the Indian economy and Changes Taking Place therein. • To acquaint the students with various dimensions of, as also the challenges, confronting the Indian economy. It endeavours to provide useful insights to the students about the present economic standing and composition of the Indian economy, the major sectors and their relative importance in the Indian economy and the major challenges faced by it .To acquaint the students with the policies and performance of major sectors in Indian Economy. • create awareness about the working of co-operatives in Rural and Urban area. The Co-operative movement has been considered as the third important sector in the economy followed by private and public sector. The principles of co- operation and the valuesof the co-operative institutions need to be studied in Indian Context. • To create the awareness among the students and Job Prospects in Banks and Financial Sector. Clear understanding of the peration of banks and financial institutions to the students with practical inputs. • To introduce the basic primary and analytically important concepts, theories and policies in the working of the economy to the learners. It ttempts to enable the studentsto apply various concepts in the process of policy making, planning of measures to ensure and achieve the fundamental objectives of macroeconomic policy

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| | | | <ul style="list-style-type: none">• Macro Economics is aggregative economics which examines the interrelations among the various aggregates. Macro Economics is not only scientific method of analyses, but also a body of empirical economic knowledge. This paper equips the students to understand the basic theoretical framework underling in the field of macro economics. |
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**Loknete Hon. Hanmantrao Patil Charitable Trust's
Adarsh College Vita
Programme specific outcomes (PSOs)
Subject –B.Sc. English
2020-21**

Programme code	Programme Name	Level	Programme specific outcomes
P10	B.Sc. English	UG	<p>ENGLISH FOR COMMUNICATION</p> <ul style="list-style-type: none"> I. Develop an appreciation for and enjoyment of poetry and prose passages. II. Communicate in English, both orally and in writing, in their everyday life and at work. III. Succeed in job interviews with confidence and efficiency. IV. Develop a cultural attitude and learn human values. V. Develop soft skills that are needed in the job and in everyday life. VI. Understand group dynamics and teamwork. VII. Develop a democratic mindset by learning to recognize and respect the thoughts and viewpoints of others. VIII. Face competitive examinations confidently and efficiently with adequate linguistic confidence. IX. Acquire professional skills required in media writing such as writing editorials.

Loknete Hon. Hanmantrao Patil
Charitable Trust's Adarsh College Vita
NAAC Criteria II Programme specific outcomes
Department of Physics

Programme Code	Programme Name	Level	Programme specific outcome
DSC A1	Physics B.Sc. I	UG	a) Vector, Ordinary differential equation, Laws of motion, Momentum and Energy, Rotational motion
DSC A2 DSC 1B			b) Gravitation, Oscillations, Elasticity, Surface tension
DSC 2B	B.Sc. II		c) Vector analysis, Electrostatics, Gauss theorem of electrostatics, Dielectrics, displacement vector, electric dipole, spherical and cylindrical capacitor
DSC C1			d) A.C. circuits, magnetism, electromagnetic induction, Maxwell's equation and electromagnetic wave propagation
DSC C2			e) Kinetic theory of gases and thermometry, Mean free path, Hydrogen scale, thermocouple, principles of thermometry
DSC D1	B.Sc. III		f) Cardinal points, Resolving power of optical instruments, polarization of light, Interference, diffraction.
DSC D2			g) Thermodynamics potential, Theory of radiation, Classical statistics, Quantum statistics
DSE E1			h) Cardinal points, Resolving power of optical instruments, polarization of light, Interference, diffraction.
DSE E2			i) Partial differential equation, Frobenius method and special function, some special integrals, complex analysis
DSE E3			j) Matter waves, Schrodinger's wave equation, Operators in quantum mechanics, Application of Schrodinger's equation
DSE E4			k) Lagrangian formulation, Techniques of calculus of variation, Special theory of relativity, Charged particles dynamics
DSE F1			l) Digital Electronics, Transistor amplifier and Sinusoidal Oscillators, Cathode ray oscilloscope, Operational amplifier and timer
DSE F2			m) General properties of Nuclei and Nuclear Model, Particle accelerators, Nuclear detectors, particle physics
DSE F3	n) Crystal structure, X-RAY diffraction, Magnetic properties of matter, Elementary band theory of solids,		
DSE F4	o) Atomic spectra, molecular spectra, Raman spectra, Structure of univers, Stellar evolution		
			p) Energy and wind energy, solar energy, Biomass energy, Superconductivity, Nanotechnology

Loknete Hon. Hanmantrao Patil Charitable Trust's
 Adarsh College Vita
 NAAC Criteria II
 Programme specific outcomes
 Department of Physics

Programme Code	Programme Name	Level	Course outcome
	Physics B.Sc. I,II,III	UG	<p>The students will acquire knowledge of</p> <p>a) Vector, analysis vector quantity Ordinary differential equation , Laws of motion , Momentum and Energy , Rotational motion solved problems</p> <p>b) Gravitation, Oscillations , Elasticity, Surface tension</p> <p>c) Vector analysis, Electrostatics , Gauss theorem of electrostatics , Dielectrics, displacement vector ,electric dipole, spherical and cylindrical capacitor</p> <p>d) A.C. circuits, magnetism, electromagnetic induction, Maxwell's equation and electromagnetic wave propagation</p> <p>e) Kinetic theory of gases and thermometry, Mean free path, Hydrogen scale, thermocouple, principles of thermometry</p> <p>f) Cardinal points, Resolving power of optical instruments, polarization of light, Interference, diffraction.</p> <p>g) Thermodynamics potential, Theory of radiation, Classical statistics, Quantum statistics</p> <p>h) Cardinal points, Resolving power of optical instruments, polarization of light, Interference, diffraction.</p> <p>i) Partial differential equation, Frobenious method and special function, some special integrals, complex analysis</p> <p>j) Matter waves , Schrodinger's wave equation, Operators in quantum mechanics, Application of Schrodinger's equation</p> <p>k) Lagrangian formulation, Techniques of calculus of variation, Special theory of relativity, Charged particles dynamics</p> <p>l) Digital Electronics, Transistor amplifier and Sinusoidal Oscillators, Cathode ray oscilloscope, Operational amplifier and timer</p> <p>m) General properties of Nuclei and Nuclear Model, Particle accelerators, Nuclear detectors, particle physics</p> <p>n) Crystal structure, X-RAY diffraction, Magnetic properties of matter, Elementry band theory of solids,</p> <p>o) Atomic spectra, molecular spectra, Raman spectra, Structure of univers, Stellar evolution</p> <p>p) Energy and wind energy, solar energy, Biomass energy, Superconductivity, Nanotechnology</p>

Loknete Hon. Hanmantrao Patil Charitable Trust's
Adarsh College Vita
NAAC Criteria II
Programme specific outcomes
Department of Chemistry

Programme Code	Programme Name	Level	Programme specific outcome
DSC-3A	Chemistry	UG	The students will
DSC-4A			a. Explain atomic structure and periodicity of element Bohrs theory of hydrogen atom, wave partical duality Heisenberg uncertainty principle, quantam numbers,general discussion of the following properties of element in periodic table.
DSC-3B			b. Study of reactive intermediates, generation, structures,stability and reaction of carbocations, carbanions and carbon free radicals.Study of types of sterioisomerim,Study of cycloalkanes, cycloalkenes and alkadienes.
DSC-4B			c. Basic concepts of thermodynamics,Concept of standard state and standars enthalpies of formation Integral and differential enthalpies of solution and dilution.
DSC-C3			d. Basic methods of analysis, introduction of chromatography,Theory of titrimetric analysis, Types of fertilizers and water analysis.
DSC-C4			e. Introduction of conductivity,Physical properties of liquid, explain the adsorption as a surface phenomenon, introduction of nuclear chemistry and basic concepts of chemiscal kinetics.
DSC-D3			f. Basic concepts of industrial chemistry,explain corrosion and electroplating , Paper industry, Soap and detergents
DSC-D4			g. Introduction,definition and formation of co- ordinate and covalent bond, IUPAC nomenclature of co-ordination compound, Chelation,explain p- block elements,basic concepts of inorganic semi- micro qualitative analysis.
			h. Introduction and methods of formation from alcohols,aldehydes,ketones,nitriles and alkyl benzene, Explain amines and diazonium salts,classificationof carbohydrates, Classification of isomerism.

Programme Code	Programme Name	Level	Programme specific outcome
DSE-E7	Chemistry	UG	i. Basic concept of quantum theory, spectroscopy, Electromagnetic spectrum, Explain types of electrodes, Reversible and irreversible cell.
DSE-E5			j. Classification of acids and bases as hard and soft, metal ligand bonding in transition metal complex, Explain metals, Semiconductors and superconductors, Organometallic chemistry.
DSE-E6			k. Introduction of spectroscopy, UV spectroscopy, IR spectroscopy, NMR spectroscopy, Mass spectroscopy
DSE-E8			l. Types of passivity, Manufacture of cane sugar, extraction, Decolourisation, crystallization, and other industrial process. Soaps and detergents. Optical properties of Nano materials.
DSE-F7			m. Gibbs phase rules, Phase rule equation and explanation of terms equation, Thermodynamic deviation, diffraction of X ray, deviation of Bragg's equation.
DSE-F5			n. Inorganic reaction mechanism, Thermodynamics and kinetic aspects of metal complex. Types of nuclear reactions. General methods of preparation of transuranic elements. Iron and steel. Bioinorganic chemistry.
DSE-F6			o. Name reactions, Natural Products, Terpenoids, Alkaloids, Reagents in organic synthesis, Introduction, classification and qualities of ideal drugs, Synthesis and uses of drugs.
DSE-F8			p. Explain potentiometric titrations, Theory of colourimetry and spectrophotometry, General principle of flame photometry. Introduction of chromatography.

Loknete Hon. Hanmantrao Patil Charitable Trust's
Adarsh College Vita
NAAC Criteria II
Course Outcomes
Department of Chemistry

Course Code	Course Name	Level	Course Outcome
	B.Sc. I,II,III Chemistry	UG	<p>The students will acquire knowledge of</p> <ol style="list-style-type: none"> a. Basic concepts of thermodynamics, Concept of standard state and standard enthalpies of formation Integral and differential enthalpies of solution and dilution. Basic concepts of atomic structure and periodicity of element, Bohr's theory of hydrogen atom, wave particle duality Heisenberg uncertainty principle, quantum numbers, general discussion of the following properties of element in periodic table. Basic knowledge of reactive intermediates, generation, structures, stability and reaction of carbocations, carbanions and carbon free radicals. Study of types of stereoisomerism, Study of cycloalkanes, cycloalkenes and alkenes. b. Knowledge about surface tension, viscosity, and refractive index, learning and understanding the knowledge about 3rd order reaction and theory of reaction rate, understanding the process of corrosion and knowledge of prevention from corrosion, Knowledge of Indian paper industry, Understanding the properties of p-block elements. Knowledge about application of chelates in analytical chemistry, Knowledge about classification, preparation and application of amines and diazonium salts. Student will be capable of understanding the nomenclature and reactivity of aldehydes and ketones. c. Student will be capable of understanding the Classification of acids and bases as hard and soft, metal-ligand bonding in transition metal complex, Explain metals, Semiconductors and superconductors, Organometallic chemistry. Knowledge about Introduction of spectroscopy, UV spectroscopy, IR spectroscopy, NMR spectroscopy, Mass spectroscopy. d. Knowledge about Gibbs phase rules, Phase rule equation and explanation of terms equation, Thermodynamic deviation, diffraction of X ray, deviation of Bragg's equation. Student will be capable of the Inorganic reaction mechanism Thermodynamics and kinetic aspects of metal complex. Types of nuclear reactions and Name reactions, Natural Products, Synthesis and uses of drugs.

Loknete Hon. Hanmantrao Patil Charitable Trust's
 Adarsh College Vita
 NAAC Criteria II
 Programme specific outcomes
 Department of Mathematics

Programme Code	Programme Name	Level	Programme specific outcome
DSC-5A	Mathemastics	UG	<p>The Student will</p> <p>a. Hyperbolic Function : De-Moivre's Theorem, Properties Of hyperbolic function, Inverse of hyperbolic function. Higher Order Derivatives : Successive differentiation , Partial Derivatives, Chain Rule.</p> <p>b. Mean Value Theorem & Indeterminate Forms : Rolle's Theorem, Langrange's Mean value theorem , Maccluarin's theorem , L-Hospital Rule. Limite's and Continuty of real valued function : Properties of lmites Composite Function , Types of Discontinuities, Properties of continuous function</p> <p>c. Basic concept of Differential Equation , Exact Differential Equation , Linear differential equations, determination of Complementary function , Legendre's linear equations , examples.</p> <p>d. Higher order ordinary differential equations: Simultaneous differential equations, Method of Variations Parameters , Basic Concept of partial differential equations.</p> <p>e. Real Analysis : Basic Concept of Real numbers , Sets, Functions , mathematical Induction, Countable Sets , Inequalites , Intervals.</p> <p>f. Algebra: Basic concept of algebra, Matrices and relations, Cayley hamilton theorem , groups Subgroup, Cosets .</p> <p>g. Real Analysis II : Monotone Sequence, Subsequence , Cauchy Sequence , Infinite Series , Positive term series , Alternative Series , Absolute and Conditional Series, Convergent and divergent series , Limit Superior and limit Inferior.</p> <p>h. Algebra II : Basic Concept of Groups , Lagranges theorem and its consequence, Normal subgroups, properties of normal subgroups, Results of normal subgroups , Factor group, Homomorphism of group, normal subgroup</p>
DSC-6A			
DSC-5B			
DSC-6B			
DSC-5C			
DSC-6C			
DSC-5D			
DSC-6D			

DSC-E5			<p>i. Sets and Elements, Operations on sets Functions Definition of Cartesian product, Function, restriction of functions, onto function. Definition : Real valued function. Sum, difference. Upper bound, lower bound of a set, least upper Limit superior and limit inferior and Examples.</p>
DSC-E6	.		<p>j. Divisibility in integers, greatest common divisor , set A to a set B, a 1-1 function, an onto function, numbers, congruence relation on the set of integers, Permutations, Transpositions, Disjoint .</p>
DSC-E7			<p>k. Partial differential Equation. Order of the Partial differential equation, Special Methods of Solutions applicable , Linear homogenous partial differential, differential equations .</p>
DSC-E8			<p>l. Polynomial equations, algebraic equations and their roots, iterative methods. Bisection method: algorithm, examples.</p>
DSC-F5			<p>m. Limites and metric space, Sequences and their convergence in metric space, Cauchy sequence in metric space. Functions continuous at a point on the real line</p>
DSC-F6			<p>n. Basic Concept of Continuous functions on compact metric space, Definition of vector space and simple examples, Linear Transformation,</p>
DSC-F7			<p>o. Complex Analysis : limit continuity of a function of a complex variable, Higher order derivative of an analytic function, Zeros of an analytic function, singular point. Definition of entire and meromorphic functions.</p>
DSC-F8			<p>p. Forward interpolation: Numerical differentiation on interpolation polynomial, Euler method, examples Second order Runge-Kutta method (formula only) examples</p>

Loknete Hon. Hanmantrao Patil Charitable Trust's
 Adarsh College Vita
 NAAC Criteria II
 Course outcomes
 Department of Mathematics

Course Code	Course Name	Level	Course outcome
	B.Sc. - I,II,III Mathemastics	UG	<p>The Student will Acquire Knowledge of :</p> <p>a. Basic Concept of Hyperbolic Function : De-Moivre's Theorem, Properties Of hyperbolic function, Inverse of hyperbolic function. Higher Order Derivatives : Successive differentiation , Partial Derivatives, Chain Rule. Knowledge about Mean Value Theorem & Indeterminate Forms : Rolle's Theorem, Langrange's Mean value theorem.</p> <p>b. Knowledge about Sets and Elements, Operations on sets</p> <p>Functions Definition of Cartesian product, Function, restriction of functions, onto function. Definition : Real valued function. Sum, difference. Upper bound, lower bound of a set, least upper Limit superior and limit inferior and Examples.</p> <p>c. Student will be capable of the Partial differential Equation. Order of the Partial differential equation, Special Methods of Solutions applicable , Linear homogenous patial differential, differential equations .</p> <p>d. Knowledge about Forward interpolation: Numerical differentiation on interpolation polynomial, Euler method, examples Second order Runge-Kutta method (formula only) examples</p>

Loknete Hon. Hanmantrao Patil Charitable Trust's
 Adarsh College, Vita NAAC:
 Criterion-II Program Specific
 Outcomes **Department of Statistics**

Programme Code	Programme Name	Level	Program Specific Outcomes
DSC – 7A,			<p>The students will:</p> <p>a. Acquire knowledge of some basic concepts in Statistics. Acumen to compute various measures of central tendencies, dispersion, moments, skewness, kurtosis and to interpret them, analyze data pertaining to attributes and to interpret the results.</p> <p>b. Acquire knowledge of some basic concepts of probability, axiomatic theory of probability, and concept of random variable. Acumen to distinguish between random and non- random experiments, find the probabilities of various events, understand concept of conditional probability and independence of events.</p> <p>c. Acumen to compute correlation coefficient, interpret its value, compute regression coefficient, interpret its value and use in regression analysis, compute various index numbers.</p> <p>d. Acquire knowledge of random variable and discrete probability distribution. Acumen to apply discrete probability distributions studied in this course in different situations, Distinguish between discrete variables and study of their distribution, Know some standard discrete probability distributions with real life situations, Understand concept of bivariate distributions and computation of related probabilities.</p> <p>e. Acquire knowledge of basic concepts of discrete distributions defined on countably infinite sample space, continuous univariate and bivariate distributions, transformation of univariate continuous random variable.</p> <p>f. Acquire knowledge of basic concepts of Multiple Linear Regression, Multiple and Partial Correlation, Sampling Theory and Demography.</p>
DSC – 8A,			
DSC – 7B,			
DSC – 8B,			
	Statistics	UG	
DSC – 7C,			
DSC – 8C,			
DSC – 7D,			
DSC – 8D,			

DSE – E13,			<p>g. Acquire knowledge of Uniform, Exponential, Gamma and Beta, Normal distributions and Exact Sampling distributions.</p> <p>h. Acquire knowledge of Time Series, Reliability Theory, Statistical Quality Control, Testing of Hypothesis</p> <p>i. Acquire knowledge of important univariate distributions such as Laplace, Cauchy, Lognormal, Weibull, Logistic, Pareto, Power Series Distribution, Multinomial and Bivariate Normal Distribution, Truncated Distributions.</p>
DSE – E14, DSE – E15, DSE – E16, DSE – F13, DSE – F14,			<p>Acumen to apply standard continuous probability distributions to different situations.</p> <p>j. Acquire knowledge about important inferential aspect of point estimation, concept of random sample from a distribution, sampling distribution of a statistic, standard error of important estimates such as mean and proportions, knowledge of various important properties of estimator, inference of parameters of standard discrete and continuous distributions, Fisher information and CR inequality, knowledge of different methods of estimation.</p> <p>k. Acquire knowledge of basic terms used in design of experiments, one-way and two-way analysis of variance, various designs of experiments such as CRD, RBD, LSD and factorial experiments, using an appropriate experimental design to analyze the experimental data.</p> <p>l. Acquire knowledge of importance of R-programming, identifiers and operators used in R, conditional statements and Loops used in R, quality tools used in Quality management, process and product control used in Quality management.</p> <p>m. Acquire knowledge of order statistics and associated distributions, convergence and Chebychev’s inequality and its uses, law large numbers and central limit theorem and its uses, terms involved in reliability theory as well as concepts and measures.</p> <p>n. Acquire knowledge of interval estimation, interval estimation of mean, variance and population proportion, important aspect of test of hypothesis and associated</p>

DSE – F15,		<p>concept, parametric and non-parametric methods, some important parametric as well as non-parametric tests.</p> <p>o. Acquire knowledge of complete enumeration and sample, sampling frame sampling distribution, sampling and non-sampling errors, principle steps in sample surveys, sample size determination, limitations of sampling etc., various sampling methods such as simple random sampling, stratified random sampling, systematic sampling and cluster sampling, an idea of conducting sample surveys and selecting appropriate sampling techniques, comparing various sampling techniques, ratio and regression estimators.</p>
DSE – F16		<p>p. Acquire knowledge of Linear programming problem, solving LPP by graphical and simplex method, Transportation, Assignment and Sequencing problems, queuing theory, simulation technique and Monte Carlo technique of simulation.</p>

Loknete Hon. Hanmantrao Patil Charitable Trust's
 Adarsh College, Vita NAAC:
 Criterion-II Course Outcomes
Department of Statistics

Course Code	Course Name	Level	Course Outcomes
	B.Sc. I, II, III Statistics	UG	<p>The students will Acquire knowledge of:</p> <ol style="list-style-type: none"> a. basic concepts in Statistics such as measures of central tendencies, dispersion, moments, skewness, kurtosis. Correlation, regression, Multiple Linear Regression, Multiple and Partial Correlation, Index numbers, Sampling Theory, various sampling methods such as simple random sampling, stratified random sampling, systematic sampling and cluster sampling, ratio and regression estimators, Demography, Time Series, Reliability Theory, Statistical Quality Control, Testing of Hypothesis. b. basic concepts of probability, random variable and discrete probability distributions, some standard discrete probability distributions, bivariate distributions and computation of related probabilities, discrete distributions defined on countably infinite sample space, continuous univariate and bivariate distributions, Uniform, Exponential, Gamma and Beta, Normal distributions, Exact Sampling distributions, Laplace, Cauchy, Lognormal, Weibull, Logistic, Pareto, Power Series Distribution, Truncated Distributions, Multinomial and Bivariate Normal Distribution, transformation of univariate continuous random variable. c. point estimation, random sample from a distribution, sampling distribution of a statistic, standard error of important estimates, properties of estimator, inference of parameters of standard discrete and continuous distributions, Fisher information and CR inequality, different methods of estimation, interval estimation, test of hypothesis, parametric and non-parametric methods, parametric as well as non-parametric tests, order statistics, convergence and Chebychev's inequality, law large numbers and central limit theorem, reliability theory. d. basic terms used in design of experiments, one-way and two-way analysis of variance, various designs of experiments such as CRD, RBD, LSD and factorial experiments. e. R- programming, identifiers and operators used in R, conditional statements and Loops used in R, quality tools used in Quality management, process and

			<p>product control used in Quality management.</p> <p>f. linear programming problem, Transportation, Assignment and Sequencing problems, queuing theory, simulation technique and Monte Carlo technique of simulation.</p>
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**Loknete Hon.Hanmantaro Patil Charitable Trust's Adarsh
College, Vita
NAAC: Criteteria –II Program
Specific Outcomes Department
Of BCA**

Programme Code	Program me Name	Level	Program Specific Outcomes
CC 101	BCA	UG	<ol style="list-style-type: none"> 1. Understand basic concepts of computer. 2. Describe peripheral devices and number systems. 3. Understand operating environment 4. Demonstrate the use of Linux Operating system commands
CC 102			<ol style="list-style-type: none"> 1. Able to implement the algorithms and draw flowcharts for solving Mathematical problem. 2. Ability to design and develop Computer programs, analyzes, and interprets the concept of pointers, declarations, initialization, operations on pointers and their usage. 3. Able to define data types and use them in simple data processing applications also he/she must be able to use the concept of array of structures and file Handling 4. Develop confidence for self education and ability for life-long learning needed for computer language.
CC 103			<ol style="list-style-type: none"> 1. Understand the influence of historical forces on current practice of management. 2. Understand frameworks in the four functions of management. 3. Understand leadership styles to anticipate the consequences of each leadership style. 4. Be able to identify and apply appropriate management techniques for organizations; and Understand social responsibility involved in business situations
CC 104			<ol style="list-style-type: none"> 1. Communicate in English in written as well as oral mode 2. Make presentations in English 3. Do effective business correspondence

CC 105			<ol style="list-style-type: none"> 1. Understand the components of office automation 2. Perform operations using MS Word and PowerPoint 3. Surf details through Internet ,Understand and discuss about the use of Office Package and internet in daily life
CC 106			<ol style="list-style-type: none"> 1. Understand and trace the execution of programs written in C language.

			<ol style="list-style-type: none"> 2. Write the C code for a given algorithm 3. Implement Programs with pointers and arrays, perform pointer arithmetic and file handling.
CC 107			<ol style="list-style-type: none"> 1. Use internet and internet tools. 2. Perform operations using MS Word and PowerPoint 3. Create business presentations using PowerPoint
CC 201		UG	<ol style="list-style-type: none"> 1. Describe the basic concepts of DBMS and various databases used in real applications 2. Demonstrate the principles behind systematic database design approaches. 3. Design the database structure by applying the concepts of Entity- relational model and Normalization. 4. Learn MS-Access for database creation and handling transactions
CC 202			<ol style="list-style-type: none"> 1. Possess knowledge of Operating Systems and their types. 2. Apply the concept of a process and scheduling algorithms. 3. Realize the concept of deadlock and different ways to handle it. 4. Understand various memory management techniques and filesystem.
CC 203			<ol style="list-style-type: none"> 1. Understand object-oriented programming and advanced C++ concept. 2. Apply the concepts of object, classes and constructor. 3. Design C++ Programs based on object, class, inheritance, abstraction, encapsulation, dynamic binding and polymorphism. 4. Implement concept of polymorphism in program.
CC 204			<ol style="list-style-type: none"> 1. Use basic accounting terminology, procedures and systems of maintaining accounting records. 2. Understand financial statements 3. Learn to create company, enter accounting voucher entries and also print financial statements, etc. in Tally. Demonstrate MIS reports in Tally ERP.

CC 205		<ol style="list-style-type: none"> 1) Basic knowledge of set theory, functions and relations concepts, matrix needed for designing and solving problems. 2) Construct simple mathematical proofs and possess the ability to verify them. 3) Write an argument using logical notation and determine if the argument is valid or is not valid.
		Use graph algorithms to solve problems.
CC 206		<ol style="list-style-type: none"> 1. Use MS-Access DBMS and design database 2. Perform operations on data using MS access features 3. Create company using Tally ERP 4. Perform accounting using Tally ERP
CC 207		<ol style="list-style-type: none"> 1. Understand the difference between the top-down and bottom-up approach 2. Describe the object-oriented programming approach in connection with C++ 3. Apply the concepts of object-oriented programming 4. Illustrate the process of data file manipulations using C++

**Loknete Hon.Hanmantaro Patil Charitable Trust's Adarsh
College,Vita NAAC:Criteria –II
Program Specific Outcomes
Department Of BCA**

Programme Code	Programme Name	Level	Course Outcomes
	BCA I, II,III	UG	<p>Implement fundamental domain knowledge of core courses for developing effective computing solutions by incorporating creativity and logical reasoning.</p> <p>Deliver professional services with updated technologies in Computer application based career.</p> <p>Develop leadership skills and incorporate ethics, team work with effective communication & time management in the profession. Undergo higher studies, certifications and technology research as per market needs.</p> <p>PO1: Apply knowledge of ICT in solving business problems.</p> <p>PO2: Learn various programming languages and custom software.</p> <p>PO3: Design component, or processes to meet the needs within realistic constraints.</p> <p>PO4: Identify, formulate, and solve problems using computational temperaments.</p> <p>PO5: Comprehend professional and ethical responsibility in computing profession.</p> <p>PO6: Express effective communication skills.</p> <p>PO7: Recognize the need for interdisciplinary, and an ability to engage in life-long learning.</p> <p>PO8: Knowledge of contemporary issues and emerging developments in computing profession.</p> <p>PO9: Utilize the techniques, skills and modern tools, for actual development process.</p>

Programme Specific Outcomes (PSOs)

Subject – Education

Programme code	Programme Name	Level	Programme Specific Outcomes
P1	Education	UG	<p>Philosophical Foundation of Education To enable students to</p> <ol style="list-style-type: none"> 1. To understand the role of philosophy in education 2. To develop an understanding of functions of education 3. To understand the concept of freedom and discipline in education 4. to develop an understanding the work and philosophy of educational thinkers <p>Sociological Foundation of Education To enable students to :</p> <ol style="list-style-type: none"> 1. To understand the meaning,nature and scope of educational sociology 2. To understand the role of education and mass media in social change 3. To understand the meaning ,nature and importance of social group and culture 4. to develop an understanding the current social problems in education. <p>Educational Psychology To enable students to :</p> <ol style="list-style-type: none"> 1. To enable the student to understand the meaning and scope of educational Psychology 2. To enable the student to understand the concept of growth and Development 3. To understand the problems of adolescents and role of education in solving those problems 4. To enable the student to understand different aspects of personality and means of developing an integrate

			<p>personality.</p> <p>5. To develop understanding the process of learning and factors affecting Learning</p> <p>Pedagogy</p> <p>To enable students to:-</p> <ol style="list-style-type: none"> 1. To enable the student to understand the concept and nature of teaching. 2. To understand relation between teaching and learning 3. To enable the students to understand various methods of teaching. 4. To understand the role and the functions of a teacher in the 21st century. 5. To enable the student to understand the concept, nature and education significance of perception, attention and attitude <p>Education in Pre-Independence India</p> <ol style="list-style-type: none"> 1. To help students to understand the development in India in historical perspective. 2. To understand the salient features of education in pre – independence India. 3. To acquaint with significant points of selected educational documents and reports of pre- independence India. 4. To compare the different features of education systems of ancient Indian and those of with present system of education <p>Education in Post- Independence India</p> <ol style="list-style-type: none"> 1. To help the students to understand the development of education in India in historical perspective. 2. To understand the salient features of education in post- independence
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			<p>India.</p> <p>3. To have an adequate knowledge of the recommendations of various commission and committees on Indian Education.</p> <p>4. To compare the different features of education systems of ancient India and those of with present system of education</p>
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Programme Specific Outcomes (PSOs)

Subject – Geography

Programme code	Programme Name	Level	Programme Specific Outcomes
P1	Geography	UG	<p>Physical Geography</p> <p>1. To introduce the latest concepts in Physical Geography and Human Geography, Specifically in Atmosphere, Lithosphere, Fluvial Cycle, Hydrosphere, Human races, Population growth, Characteristics of Population and Settlements.</p> <p>Human Geography</p> <p>1.The objective of this course is to introduce the latest concepts in Physical Geography and Human Geography, Specifically in Atmosphere, Lithosphere, Fluvial Cycle, Hydrosphere, Human races, Population growth, Characteristics of Population and Settlements..</p> <p>SOIL GEOGRAPHY</p> <p>1) Students should know soil geography which is the fundamental branch of Physical Geography.</p> <p>2) To familiarize the students with the basics and fundamental concepts of soil geography.</p> <p>3) With this study, students understand soil is key resource for the development of any country.</p>

4) Students are aware about process of soil formation and development as well as soil properties.

5) Students should know classification, characteristics and distribution of soils.

6) Students should know the concepts related to soil degradation and erosion, causes and

controlling factors of soil erosion, conservation of soils.

7) Students should know the concept, need and methods soil of management.

RESOURCE GEOGRAPHY

1.To understand the concept and classification of Resources.

2. To examine the major resources (water, forest, energy and human) with their distribution, utilization and problems.

OCEANOGRAPHY

1) Students should know oceanography is the

fundamental branch of Physical Geography.

2) To familiarize the students with the basic and fundamental concepts of oceanography.

3) With this study, students understand marine is key resource for the development of any country.

4) Students should know physical and chemical properties of oceans.

5) Students should know types of oceanic currents and currents of Atlantic, Pacific and Indian oceans.

6) Students should know hypsographic curve, wind rose, iso-salinity lines and

isotherms

AGRICULTURAL GEOGRAPHY

To understand the concept and development of Agriculture.

- To examine the role of agricultural determinants towards the changing cropping pattern.

To study the Green Revolution.

- The course also aims to familiarize the students with the Agricultural concepts and modern technologies used in Agriculture.

IDS Tourism Geography

CONCEPTS IN TOURISM

1) To familiarize the students with aspects of tourism which have a relation with the subject matter of Geography

2) To orient the students to the logistics of tourism industry and the role of tourism in regional development.

3) To understand the impact of tourism on physical and human environments.

4) To familiarize the students with local, regional and national tourism.

DEVELOPMENT AND PLANNING OF TOURISM

1) To familiarize the students with aspects of tourism which have a relation with the subject matter of Geography

2) To orient the students to the logistics of tourism industry and the role of tourism in regional development.

3) To understand the impact of tourism on physical and human environments.

4) To familiarize the students with local, regional and national tourism.

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Programme Specific Outcomes (PSOs)

Subject – STD

Programme code	Programme Name	Level	Programme Specific Outcomes
P2	Science, Technology and Development (STD)	UG	<p>Science Technology and Development CGE-18</p> <p>1.To introduce the latest concepts in Science Technology and Development, Specifically in Fundamental concept in scientific thinking.</p> <p>Contribution of Eminent Scientist, Non Conventional Power Resources of India, Science, Technology and Human Health</p> <p>Science Technology and Development CGE-28</p> <p>1.To introduce the latest concepts in Science Technology and Development, Specifically in Fundamental concept in scientific thinking,</p> <p>Contribution of Eminent Scientist, Non Conventional Power Resources of India,</p> <p>Disaster Management, Communication and Information Technology Space Research and Defense and Ocean Research.</p>

Psychology	UG	<p>Foundations of Psychology</p> <ol style="list-style-type: none"> 1) To make the students familiar with the field of general psychology. 2) To acquaint the students with Cognitive Process, States of Consciousness and Learning. 3) To acquaint the students with Memory Process. <p>GENERAL PSYCHOLOGY</p> <ol style="list-style-type: none"> 1) To make the students familiar with the field of general psychology. 2) To acquaint the students with intelligence, motivation and emotions. 3) To acquaint the students with Personality. <p>PSYCHOLOGY FOR LIVING</p> <ol style="list-style-type: none"> 1) To Acquaint the students with processes of psychology for living 2) To introduce students the concept of stress. 3) To acquaint the students with understanding mental disorders. 4) To introduce the students various Psychotherapies and their uses. <p>SOCIAL PSYCHOLOGY</p> <ol style="list-style-type: none"> 1) To acquaint the students with processes of Social psychology. 2) To introduce students the concept of Social perception. 3) To acquaint the students with the self and self esteem. 4) To introduce students concept of attitude formation, persuasion and Cognitive dissonance. <p>MODERN SOCIAL PSYCHOLOGY</p> <ol style="list-style-type: none"> 1) To acquaint the students with processes of liking (attraction) and the sources of liking. 2) To introduce students the concept of Social influence, Conformity and Compliance. 3) To acquaint the students with understanding Prosocial Behavior. 4) To introduce students the concept of Aggressive, its causes and control. <p>APPLIED PSYCHOLOGY</p> <ol style="list-style-type: none"> 1) To acquaint the students with processes of personal control, Decision making and personal growth. 2) To introduce students the work, career, Play and using leisure positivey. 3) To acquaint the students with making and keeping friends. 4) To introduce students the concept of Love and Commitment.
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