

YOUTH EDUCATION AND WELFARE SOCIETY'S  
**NATIONAL SENIOR COLLEGE, NASHIK**  
 COMMERCE DEPARTMENT  
 TEACHING PLAN  
 ACADEMIC YEAR 2023-24

**Subject: Indian Economic Environment-I**  
**Semester: I**  
**Name of Teacher: Asst. Prof. Akshay Bhalekar**

**Code: 11151**



Sr. No	Month	Topic	Sub- Topics	No. of Lecture assigned
1.	October	Introduction	<b>Introduction</b> 1.1 Meaning, Factors affecting Economic Environment Economic, Political, Technological, Social & Cultural 1.2 Challenges to Indian Economy: Natural Resources, Energy Resources, Education, Health, Environment 1.3 Comparison of Indian Economy with the World Economy Population, Agriculture, Industry and Service Sector	16
2.	November/ December	Agricultural Environment	<b>Agricultural Environment.</b> 2.1 Role of Agriculture in Indian Economy 2.2 Challenges to Indian Agriculture- Productivity, Rural Credit, Marketing, Rural Entrepreneurship 2.3 Recent Trends in Indian Agriculture: Cropping pattern, Technology, Crop Insurance, Water Management, Agribusiness	16
3.	January/ February	Industrial Environment	<b>Industrial Environment</b> 3.1 Role of Industry in Indian Economic Development 3.2 Industrial Policy Resolution, 1991- Liberalization, Privatization and Globalization (LPG) 3.3 Challenges to Indian Industry-Labour & Employment, Regional Imbalance, Finance, Technology 3.4 Micro, Small and Medium Enterprises (MSME)- Definition & Role 3.5 Recent trends in Indian Industry- Indian Multinationals & New Policies	16



**Reference Book:**

- Agrawal A.N., Problems of Development & Planning, (Latest Edition)
- Ashwani Mahajan, 'Indian Economy' S. Chand & Company Ltd., New Delhi.
- Cherunilam Francis, 'Business Environment-Text and Cases' Himalaya Publishing House(Latest Edition)
- Faisal Ahmed 'Business Environment: Indian and Global Perspective' PHL Learning Pvt. Ltd. (Latest Edition)

Signature

Name: Asst. Prof. Akshay Bhalckar

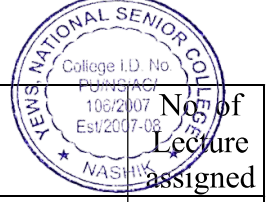
HOD

**Youth Education and Welfare Society's  
National Senior College, Nashik  
Bachelor of Arts  
Teaching plan Year 2022-23**

**Subject: Urdu General (Urdu Fiction: Study of Novel & Drama) Code: 35073.**

**Semester: I**

**Name of the Teacher: Noor Mohammed Peer Mohammed.**



SN	Month	Topic	Sub- Topics	No. of Lecture assigned
1.	August	Novel	<ul style="list-style-type: none"><li>• Introduction of Novel.</li><li>• History and Evolutionary Development of Urdu Novel.</li><li>• Definition, Techniques and kinds of Novel.</li></ul>	08
2.	September	Jilani Bano	<ul style="list-style-type: none"><li>• Life sketch of Jilani Bano.</li><li>• Literary works of Jilani Bano.</li><li>• Jilani Bano As a Novelist.</li></ul>	16
3.	October	Aiwan-e-Ghazal	<ul style="list-style-type: none"><li>• Technical study of Aiwan-e-Ghazal.</li><li>• Critical study of Aiwan-e-Ghazal</li><li>• Aiwan-e-Ghazal's plot and characterization.</li><li>• Writing Style of Aiwan-e-Ghazal.</li><li>• Summary of Aiwan-e-Ghazal.</li></ul>	16
4.	November	Daram & Imtiyaz Ali Taaj	<ul style="list-style-type: none"><li>• Definition, Techniques and Kinds of Daram.</li><li>• History and Evolutionary Development of Daram.</li><li>• Life sketch &amp; Literary Work of Imtiyaz Ali Taaj.</li><li>• Writing style of Imtiyaz Ali Taaj.</li><li>• Taaj As a Daram Nigar.</li></ul>	10
5.	December	Darama Anar Kali	<ul style="list-style-type: none"><li>• Technical study of Anar Kali.</li><li>• Critical study of Anar Kali.</li><li>• Anar Kali's plot and characterization.</li><li>• Writing Style of Anar Kali.</li><li>• Summary of Anar Kali.</li></ul>	10

**Reference Book:** 1. Aiwan-e-Ghazal By Jillani Bano

2. Anar kali By Imtiyaz Ali Taaj

3. Jillani Bano ki Novel Nigari By Musharraf Ali

4. Urdu Nasr ka Tanquidi Mutala By Dr. Sumbul Nigar

5. Novel Ka Fun By Abulkalam Qasmi

*Noor mel*

**Signature of Teacher**

*Noor mel*

**(Mr. Noor Mohammed.)**

**HOD**

**Youth Education and Welfare Society's  
National Senior College, Nashik  
Master of Arts  
Teaching plan Year 2022-23**

**Subject: P-1-Modern Prose Text**

**Code: 10701.**

**Semester: I**

**Name of the Teacher: Noor Mohammed Peer Mohammed.**

SN	Month	Topic	Sub- Topics	No. of Lectures assigned
1.	August	<b>Aligarh Literary Movement &amp; Autobiography Writing:</b>	<ul style="list-style-type: none"> <li>Aims &amp; Objectives of Aligarh Literary Movement.</li> <li>Effects of Aligarh Literary Movement on Urdu Literature.</li> <li>The Art and Characteristics of Autobiography.</li> <li>Chronological Development of Autobiography Writing in Urdu.</li> </ul>	08
2.	September	<b>Maulana Altaf Husain Hali:</b>	<ul style="list-style-type: none"> <li>The Art and Characteristics of Autobiography.</li> <li>Chronological Development of Autobiography Writing in Urdu.</li> </ul>	16
3.	October	<b>Maulana Altaf Husain Hali &amp; Novel:</b>	<ul style="list-style-type: none"> <li>Life Sketch of Hali.</li> <li>Literary Trends &amp; Style of Hali.</li> <li>Literary Works of Hali.</li> <li>Art &amp; Chronological Development of Urdu Novel.</li> </ul>	16
4.	November	<b>Munshi Prem Chand:</b>	<ul style="list-style-type: none"> <li>Life Sketch of Munshi Prem Chand.</li> <li>Literary Trends &amp; Style of Munshi Prem Chand.</li> <li>Literary Works of Munshi Prem Chand.</li> </ul>	09
5.	December	<b>Godaan:</b>	<ul style="list-style-type: none"> <li>Technical Study of Godaan.</li> <li>A critical study of Godaan.</li> </ul>	09

**Reference Book:** 1. Aligarh Tahreek Samaji aur Siyasi Mutala By Mazhar Mehdi  
2. Urdu Mein Fan-e-Sawaneh Nigari ka Irtiqa By Mumtaz Fakhira  
3. Hayat-e-Hali By Sayyed Mohammed Farooque  
4. Prem Chand By Amrit Roy

*Noor mel*

**Signature of Teacher**

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**(Mr. Noor Mohammed.)**

**HOD**





# YEWS National Senior College

Annual Teaching plan -2022-23

Department: English

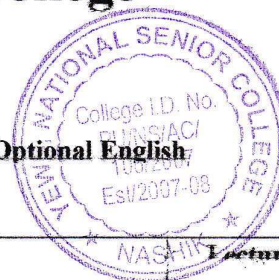
Class: F.Y.BA

Code- 11332


Subject/ Paper: Optional English

Name of Lecturer: Asst. Prof. Dr. Rani Sarode

Semester- II



Month	Topic	Sub- Topics	Lecture
March	<del>Introduction</del> Semester-II Short Stories: 1. The Doll's House - Katherine Mansfield	<ul style="list-style-type: none"> <li>• Introduction</li> <li>• Syllabus/Exam Guidance</li> <li>• About the Author</li> <li>• About the Story</li> <li>• Summary</li> </ul>	16
April	2. The Thief - Ruskin Bond Poetry: 1. I remember; I remember - Thomas Hood 2. Where the Mind is without Fear - Rabindranath Tagore	<ul style="list-style-type: none"> <li>• About the Author</li> <li>• About the Story</li> <li>• Summary</li> <li>• About the poet</li> <li>• About the poem</li> <li>• Summary</li> <li>• About the poet</li> <li>• About the poem</li> <li>• Summary</li> </ul>	16
May	3. The Mountain and the Squirrel - R. W. Emerson 4. Up - Hill - Christina Rossetti One Act Plays: 1. The Monkey's Paw - W.W. Jacobs	<ul style="list-style-type: none"> <li>• About the poet</li> <li>• About the poem</li> <li>• Summary</li> <li>• About the poet</li> <li>• About the poem</li> <li>• Summary</li> <li>• About the Author</li> <li>• About the Play</li> <li>• Summary</li> </ul>	16
	2. Swansong - Anton Chekhov Language Studies: Introduction to the Sounds of English: Part - II	<ul style="list-style-type: none"> <li>• About the Author</li> <li>• About the Story</li> <li>• Summary</li> <li>• The Concept of Syllabic, Monosyllabic and polysyllabic Words</li> <li>• The Concept of Word Stress and Different Standards of Pronunciation</li> <li>• British Received Pronunciation, General American English and General Indian English.</li> </ul>	08

  
Subject Teacher & HOD  
HOD. English Dept.  
National Senior College  
Nashik-01

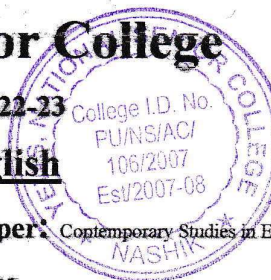
  
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YEWS, NATIONAL SENIOR COLLEGE  
NASHIK-422 001  
NASHIK



# YEWS National Senior College

Annual Teaching plan -2022-23

**Department: English**



**Class: M.A. (I)**

**Code- 11603**

**Subject/ Paper:**

Contemporary Studies in English Language

**Name of Lecturer: Asst. Prof. Dr. Rani Sarode**

**Semester- II**

Month	Topic	Sub-Topics	Lecture
February	Unit-I: Sociolinguistics	A) Language Variation: Regional Dialects, Social Dialects/ Sociolects, Diglossia, Idiolects, Formal and Informal Styles, Registers, Standard and Non-standard Varieties, Arguments against the Standardisation of English, Slang, Jargon B) Language Contact a) Bilingualism, Multilingualism, Language Planning b) Code Switching and Code Mixing c) Pidgins and Creoles, d) Borrowing, e) Esperanto f) Language maintenance, Language shift and Death of Language	15
March	Unit-II: Semantics	i) Nature of Semantics ii) Seven Types of Meaning iii) Lexical Semantics: a) Synonymy, Antonymy b) Homonymy, Polysemy c) Hyponymy, Super ordinate Terms d) Metonymy, the Concept of Prototype	15
April	Unit-III: Speech Act Theory and Discourse Analysis	i) Semantics and Pragmatics: Differences ii) J. L. Austin's Speech Act theory: 44 a) Constative and Perlocutionary Utterances b) Felicity Conditions c) Locutionary, Illocutionary and Perlocutionary Acts iii) J. R. Searle's Typology of Speech Acts: a) Assertives ( b) Declaratives (c) Expressives (d) Directives (e) Commissivees iv) Direct and Indirect Speech Acts v) The Concepts of Entailment, Presupposition and Implicatures vi) The Concept of Discourse: a) Cohesion and Coherence b) Turn Taking and Adjacency Pairs	15
May	Unit-IV: Syntax	a) Phrases b) Clauses	15

## Reference Book-

Aitchison, Jean. Teach Yourself Linguistics. London: Teach Yourself Books, 1992.

Thakur, Damodar. Linguistics Simplified : Syntax. Bharati Bhawan : Patna, 1998.

Brown, Gillian & George Yule. Discourse Analysis. CUP, 1983

  
**Subject Teacher & HOD**  
**HOD. English Dept.**  
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 Nashik-01

  
**Principal**  
 YEWS. NATIONAL SENIOR COLLEGE,  
 NASHIK-422 001





**Youth Education & Welfare Society's  
National Senior College, Nashik – 01**

FYBA(COMPUSARY ENGLISH) SEM-II

Name of the Teacher: Asst. Prof. Dr. Seema

Sr. No	Month	Topic	Sub Topic	No. of lecture assigned
01	March	Prose/ Poetry	In Sahyadri Hills, A Lesson in Humility — Sudha Murthy My Heart Leaps Up — William Wordsworth The Model Millionaire — Oscar Wilde	08
02	April	Prose/ Poetry	Ozymandias — P. B. Shelley The Eyes are not Here — Ruskin Bond Success is Counted Sweetest — Emily Dickinson	17
03	May	Grammar/ Communication Skills	5. Tenses 6. Subject-Verb Agreement 7. Vocabulary 5. Making and Accepting Apology 6. Inviting and Accepting/Declining Invitations 7. Making a Complaint 8. Congratulating, Expressing Sympathy and Offering Condolences 9. Making Suggestions, Offering Advice and Persuading	18
Total Lectures: - 45				

**Reference Books: -**

1. Literary Gleam, Orient Blackswan Private Limited 2019.

*Dr. Seema*  
HOD. English Dept.  
National Senior College  
Nashik-01

*Dr. Seema*  
Name of the Teacher: Asst. Prof. Dr. Seema



**Youth Education & Welfare Society's  
National Senior College, Nashik – 01**



**FYBA (COMPUSARY ENGLISH) SEM-I**

**Name of the Teacher:** Asst. Prof. Dr. Seema

Sr. No	Month	Topic	Sub Topic	No. of lecture assigned
01	October	Prose/ Poetry	Engine Trouble — R. K. Narayan A Red, Red Rose — Robert Burns	06
02	November	Prose/ Poetry	On Saying 'Please' — A. G. Gardiner Leave this Chanting and Singing — Rabindranath Tagore The Gift of the Magi — O. Henry	15
03	December	Prose/ Grammar	The Felling of a Banyan Tree — Dilip Chitre 1. Articles 2. Prepositions 3. Verbs Regular and Irregular Verbs Auxiliary Verbs: Primary and Modal 4. Punctuation	17
04	January	Communication Skills	1. Greeting and Taking Leave 2. Introducing Yourself 3. Introducing People to One Another 4. Making Requests and Asking for Directions	07
<b>Total Lectures: - 45</b>				

**Reference Books: -**

1. Literary Gleam, Orient Blackswan Private Limited 2019.

*for Dept.*  
**MOD. English Dept.**  
National Senior College  
Nashik-01

*for Dept.*  
**Name of the Teacher:** Asst. Prof. Dr. Seema



**Youth Education and Welfare Society's,  
National senior College, Nashik**  
ACADEMIC YEAR 2022-23



**MA P4**

**Name of the Teacher:** Asst. Prof. Dr. Seema

Sr. No	Month	Topic	Sub Topic	No. of lecture assigned
01	November	Classical Criticism Neoclassical Criticism	i) Aristotle- Poetics ii) The Theory of Rasa- iii) Aphra Behn- Preface to The Lucky Chance iv) ii) Samuel Johnson- Preface to Shakespeare	16
02	December	Romanticism and Victorian Criticism	i) S. T. Coleridge- Biographia Literaria (Chapter 13 & 14) ii) Mary Wollstonecraft-Vindication of the Rights of Women (Chapter II) (both texts from The Norton's Anthology of Theory & Criticism) iii) Matthew Arnold- The Study of Poetry	18
03	January	Modernism and New Criticism	i) T. S. Eliot- The Function of Criticism ii) Cleanth Brooks- The Language of Paradox	11
<b>Total Lectures: - 45</b>				

**Reference Books: -**

- 1) Susan Sontag. Against Interpretation. Farrar, Straus and Giroux, 1966
- 2) Wright, Elizabeth, ed. Feminism and Psychoanalysis: A Critical Dictionary. Oxford and Cambridge, Mass.: Basil Blackwell, 1992.
- 3) Kulkarni Anand and Chaskar Ashok. Introduction to Literary Theory and Criticism. Orient Blackswan, 2013

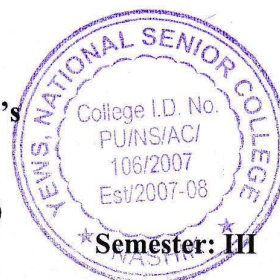
*for*  
**MOD. English Dept.**  
**National Senior College**  
**Nashik-01**

*Seema*  
**Name of the Teacher:** Asst. Prof. Dr. Seema



**Youth Education and Welfare Society's  
National Senior College, Nashik  
Bachelor of Arts  
Teaching plan Year 2022-23 (SYBA)**

**Subject: Environment Studies Code: 23999**



**No. of Credits: 02**

**Total Lectures: 30**

**Name of the Teacher: Asst. Prof. Mule Machhindra P.**


SN	Month	Topic	Sub- Topics	No. of Lecture assigned
1.	August			
2.	September	Introduction to environmental studies	<ul style="list-style-type: none"> <li>• Multidisciplinary nature of environmental studies;</li> <li>• Scope and importance; Concept of sustainability and sustainable development.</li> </ul>	06
3.	October	Ecosystems	<ul style="list-style-type: none"> <li>• What is an ecosystem</li> </ul> <p>Energy flow in an ecosystem : food chains, food webs and ecological succession. Case studies of the following ecosystems :</p> <p>a) Forest b) Grassland c) Desert d) Aquatic</p>	08
4.	November	Natural Resources : Renewable and Non-renewable Resources	<ul style="list-style-type: none"> <li>• Land resources and land use change; Land degradation, soil erosion and desertification.</li> <li>• Deforestation:</li> <li>• Water : Use and over-exploitation of surface and ground water, floods, droughts conflicts over water (international &amp; inter-state).</li> <li>• Energy resources : Renewable and non renewable energy sources, use of alternate energy sources, growing energy needs, case studies.</li> </ul>	08
5.	December	Biodiversity and Conservation	<ul style="list-style-type: none"> <li>• Levels of biological diversity :</li> <li>• India as a mega-biodiversity nation; Endangered and endemic species of India</li> <li>• Threats to biodiversity :</li> <li>• Ecosystem and biodiversity services: Ecological, economic, social, ethical, aesthetic and Informational value.</li> </ul>	08



### Reference Book:

#### **References :**

1. Carson, R. 2002. Silent Spring. Houghton Mifflin Harcourt.
2. Gadgil, M., & Guha, R. 1993. This Fissured Land: An Ecological History of India. Univ. of California Press.
3. Gleeson, B. and Low, N. (eds.) 1999. Global Ethics and Environment, London, Routledge.
4. Gleick, P. H. 1993. Water in Crisis. Pacific Institute for Studies in Dev., Environment & Security. Stockholm Env. Institute, Oxford Univ. Press.
5. Groom, Martha J., Gary K. Meffe, and Carl Ronald Carroll. Principles of Conservation Biology. Sunderland: Sinauer Associates, 2006.
6. Grumbine, R. Edward, and Pandit, M.K. 2013. Threats from India's Himalaya dams. Science, 339 : 36-37.
7. McCully, P. 1996. Rivers no more: the environmental effects of dams (pp. 29-64). Zed Books.
8. McNeill, John R. 2000. Something New Under the Sun: An Environmental History of the Twentieth Century.
9. Odum, E.P., Odum, H.T. & Andrews, J. 1971. Fundamentals of Ecology. Philadelphia: Saunders.
10. Pepper, I.L., Gerba, C.P. & Brusseau, M.L. 2011. Environmental and Pollution Science. Academic Press.
11. Rao, M.N. & Datta, A.K. 1987. Waste Water Treatment. Oxford and IBH Publishing Co. Pvt. Ltd.
12. Raven, P.H., Hassenzahl, D.M. & Berg, L.R. 2012. Environment. 8th edition. John Wiley & Sons.
13. Rosencranz, A., Divan, S., & Noble, M.L. 2001. Environmental law and policy in India. Tripathi 1992.
14. Sengupta, R. 2003. Ecology and economics : An approach to sustainable development. OUP.
15. Singh, J.S., Singh, S.P. and Gupta, S.R. 2014. Ecology, Environmental Science and Conservation. S. Chand Publishing, New Delhi.
16. Sodhi, N.S., Gibson, L. & Raven, P.H. (eds). 2013. Conservation Biology : Voices from the Tropics. John Wiley & Sons.
17. Thapar, V. 1998. Land of the Tiger: A Natural History of the Indian Subcontinent.
18. Warren, C. E. 1971. Biology and Water Pollution Control. WB Saunders.
19. Wilson, E. O. 2006. The Creation: An appeal to save life on earth. New York : Norton.
20. World Commission on Environment and Development. 1987. Our Common Future. Oxford University Press.

  
Signature of teacher

  
(Mr. Mule Machhindra .P.)

HOD

**HOD. Geography Dept**  
**National Senior College**  
**Nashik-01**



YOUTH EDUCATION AND WELFARE SOCIETY'S  
**NATIONAL SENIOR COLLEGE, NASHIK**

HINDI Department  
Teaching plan 2022-23



Subject: F.Y.B.A Hindi Vaikalpik Hindi Prashna Patra IIA(G1)

Code:12092B


Semester: II

Name of Teacher: Dr. Reshma Khan

Sr. No.	Month	Topics	No. of Lecture assigned
1.	March	सरजू भैया- रामवृक्ष बेनीपुरी भय - रामचंद्र शुक्ल आदमी को प्यास लगती है -जानेंद्रपति रोशनी के उस पार- ओमप्रकाश वाल्मीकि लेखन कौशल्य -(स्ववृत्त लेखन)	16
2.	April	एक बूढ़ सहसा उछली - अज्ञेय अकबरी लोटा- अन्नपूर्णानंद उतनी दूर मत ब्याहना बाबा - निर्मला पुतुल किताबें झाँकलीं हैं बंद अलमारी के शीशों से - गुलजार विज्ञापन	10
3.	May	प्रतिशोध -डॉ रामकुमार वर्मा नीव की ईंट हो तू दीदी- उदय प्रकाश अन्य सुप्रसिद्ध कविता आदि।	16
4.	June	पुनरावृत्ति	03

**Reference Book:**

\* साहित्य विविध - हिंदी अध्ययन मंडल SPPU PUNE.

  
Signature:  
Name: Dr. Reshma Khan

  
HOD

Youth Education and Welfare Society's  
**National Senior College, Nashik**  
Political Science Department  
Teaching plan

**Subject:** Introduction to Indian Constitution

**Code:** 11161

**Semester:** I

**Name of Teacher:** Asst. Prof. L.V. Patil

Sr. No.	Month	Topic	Sub- Topics	No. of Lecture assigned
1.	August			
2.	September	<b>Unit 1:</b> Making of the Indian Constitution	a) Historical Background b) Constituent Assembly c) Preamble d) Salient Features	12
3.	October	<b>Unit 2:</b> Fundamental Rights, Duties and Directive Principles  <b>Unit 3:</b> Federalism	a) Fundamental Rights b) Fundamental Duties c) Directive Principles of State Policy  a) Salient Features of Indian Federalism b) Centre –State Relations c) Issues of Conflict (Water and Border Issues)	24
4.	November	<b>Unit 4:</b> Constitutional Amendments: Scope and Limitations	a) Constitutional Provisions b) Major Constitutional Amendments (42, 44 & 86) c) Basic Structure of the Indian Constitution	12
5.	December	Revision	Revision	12

**References:**

- 1) Austin Granville, 1999, The Indian Constitution: Cornerstone of a Nation, Oxford, Oxford University Press.
- 2) Austin Granville, 2003, Working a Democratic Constitution: The Indian Experience, Delhi, Oxford University Press.
- 3) आवटे ीरंजनव राही ुती गणेश, 2019, आपलं आयकाड, पुणे, द युिनक अँक डमी पिँलके शन,



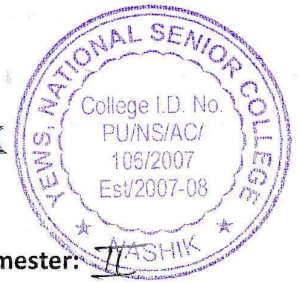
**Signature**

**Name :** Asst. Prof. L.V. Patil



**HOD**

YOUTH EDUCATION AND WELFARE SOCIETY'S  
**NATIONAL SENIOR COLLEGE, NASHIK**  
COMMERCE DEPARTMENT

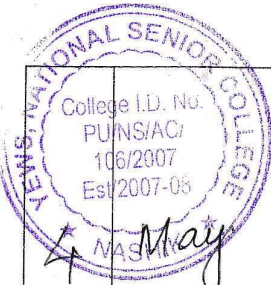


SUBJECT: Additional Urdu (F.Y.B.Com) CODE: 117 G

Semester: II

Name of Teacher: Asst. Prof. Tabassum S. Peerzada

Sr. No.	Month	Topic	Sub- Topics	No. of Lecture assigned
1	February فروری	Poetry شاعری	غزل - آغاز و ارتقا جگر مراد آبادی - حسرت موہانی - فیض احمد فیض حیات - شخصیت - اسلوب - ادبی خدمات شاعری کی خصوصیات	08
2	March مارچ	Prose نثر	طنز و مزاح - آغاز و ارتقا تعریف - محبتی حسین اور لیٹرس بخاری کی حیات وادلی خدمات مضامین - (ن) بلیٹ ٹرین (ا) سویرے جو کل میری	16
3	April اپریل	Grammar قواعد	جملے کی اقسام - صالح بدائع - تشبیہ - استعارہ - لفظ - تصادف - تلمیح - مبالغہ - تام - لفظ و لکھ راہ و اقص - حسن تعلیل -	13



4 May مئی	Communication skill تحریری و تقریری مہارت	① تبصرہ - بحث و مباحثہ - کسی موضوع پر اظہارِ خیال ② استہارسازی	05
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**Reference Book:**

جاپان چلو جاپان چلو - مضامین لپٹرس - قواعد اردو -

Signature

for -   
HOD

Name : Tabassum S. Peerzada.



YOUTH EDUCATION AND WELFARE SOCIETY'S  
NATIONAL SENIOR COLLEGE, NASHIK

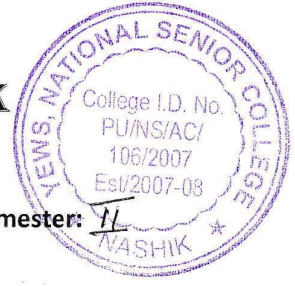
ARTS DEPARTMENT

TEACHING PLAN - 2023

M.A.(I)

SUBJECT: Urdu (Special study of a Poet) CODE: Paper 4


Semester: II



Name of Teacher: Asst. Prof. Tabassum S. Peezada

Sr. No.	Month	Topic	Sub- Topics	No. of Lecture assigned
1	February فروری	Poetry شاعری	ترقی پسند تحریک - اردو ادب پر اثرات صنفِ سخن، غزل پر تحریک کے اثرات	08
2	March مارچ	Poetry شاعری	ترقی پسند شاعر - مخدوم محی الدین حیات و شخصیت - خصوصیات کلام - ادبی خدمات	15
3	April اپریل	Poetry شاعری	مخدوم محی الدین :- شاعرانہ خصوصیات	12

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4	May. می	Poetry. شاعری	
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**Reference Book:**

اردو میں ترقی پسند ادبی تحریکیں  
مخدوم محی الدین، حیات اور کارنامے

**Signature**



  
HOD

**Name:** Tabassum S. Peerzada.

YOUTH EDUCATION AND WELFARE SOCIETY'S  
**NATIONAL SENIOR COLLEGE, NASHIK**

COMMERCE DEPARTMENT

TEACHING PLAN

SUBJECT: MARKETING & SALESMANSHIP

CODE: 116C

Semester: I

Name of Teacher: Asst.Prof. Ranjana D. Mahajan

Sr. No.	Month	Topic	Sub- Topics	No. of Lecture assigned
1.	September	<b>Introduction to Market and Marketing</b>	Meaning and definition of Market Classification of markets Marketing concepts-Traditional & Modern Importance of marketing Functions of Marketing	12
2.	October	<b>Market Segmentation and Marketing Mix</b>	Market Segmentation Introduction, meaning and definition, importance, limitations, base of segmentation Marketing Mix Introduction, Meaning and definitions, elements of marketing mix-Product, price, place, and promotion Importance of marketing mix	12
3.	November	<b>Product and Price Mix</b>	Product mix Meaning and definition Product Line and Product mix Product classification, product life cycle, factors considered for product management Price mix Meaning and definition, pricing objectives, factors affecting price decision, price methods	12
4.	December	<b>Place Mix and Promotion Mix</b>	Place mix Meaning and definition of place mix, importance, types of distribution channels, factors influencing selection of channels Promotion Mix Meaning of promotion mix, elements of promotion mix, factors affecting marketing promotion mix, promotion techniques or methods	12

Reference Book: 1) Marketing Management : Philip Kotler

Signature

Name: Asst.Prof. Ranjana Mahajan



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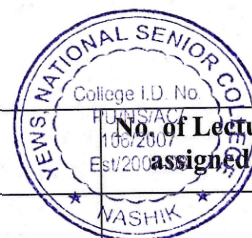
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**YOUTH EDUCATION AND WELFARE SOCIETY'S  
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COMMERCE DEPARTMENT  
TEACHING PLAN  
ACADEMIC YEAR 2022-23

**Subject: Element of Company Law-I**  
**Semester: III**  
**Name of Teacher: Asst. Prof. Sadiya Ansari**

**Code: 235**



Sr. No	Month	Topic	Sub- Topics	No. of Lecture assigned
1.	October/ November	<b>The Companies Act, 2013: Introduction and Concept</b>	<b>Company and its Formation</b> 1. Background and Features of company the Companies Act, 2013 2. Company: Meaning, Nature and Characteristics of Company. 3. Types of Companies: On the basis of mode of formation, Number of members, liability and Control, Public and Private Companies: Distinction, Advantages, Disadvantages, Privileges and their Conversion into each other. Other kinds of Companies: One Person Company, Charitable Companies, Dormant Company, Sick Company, Small Company, Listed Company, Foreign Company and its business in India etc.	10
2.	November	<b>Formation and Incorporation of a Company</b>	<b>Formation and Incorporation of a Company: Stages in the Formation and Incorporation.</b> 1. Promotion: Meaning of the term 'Promoter' / Promoter Group - Legal Position of Promoters, Pre-incorporation contracts. 2. Registration/ Incorporation of a company: - Procedure, Documents to be filed with ROC. Certificate of Incorporation Effects of Certificate of Registration. 3. Capital Subscription/Raising of Capital 4. Commencement of business	07
3.	November/ December	<b>Principal Documents</b>	<b>Principal Documents: Documents relating to Incorporation and Raising of Capital:</b> 1 Memorandum of Association: Meaning and importance- Form and contents- Alteration of memorandum. 2 Articles of Association: Meaning Contents and form of Articles- Alteration of articles- Doctrine	08

			<p>of constructive notice Doctrine of Indoor Management.</p> <p>3 Prospectus: Meaning, contents, Statutory requirements in relation to prospectus- Deemed Prospectus- Shelf prospectus - Statement in lieu of prospectus- Misstatement in a prospectus and Liabilities for Mis-statement.</p>	
4.	December	Capital of the Company	<p><b>Capital of the Company</b></p> <p>1. Various Modes for Raising of Share Capital including private placement, public issue, rights issue, bonus shares, ESOS, Sweat Equity Shares, Buy-back of shares.</p> <p>2. Allotment of Shares: Meaning- - Statutory provisions for allotment, improper and irregular allotment Consequences of irregular allotment. 3. Calls On Shares: Meaning- Requisites of a valid call, Calls in advance, Share Certificates: Meaning, Provisions regarding issue of share certificates - Duplicate Share Certificate.</p> <p>4. Share Capital: Meaning, Structure (Kinds) – Concept of Securities – Definition, Nature and Kinds of Shares.</p>	08

**Reference Book:** Element of Company Law-I by Dr. Prakash N. Chaudhary & Adv. Ovi Prakash Chaudhary

*Sadiya*

Signature

Name: Asst. Prof. Sadiya Ansari



*Prakash*

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 COMMERCE DEPARTMENT  
 TEACHING PLAN  
 ACADEMIC YEAR 2022-23

Subject: Financial Management  
 Semester: I  
 Name of Teacher: Asst. Prof. Sadiya Ansari

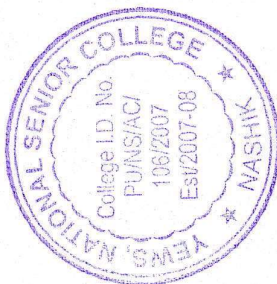
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Sr. No	Month	Topic	Sub- Topics	No. of Lecture assigned
1.	November	Introduction	1. Meaning and objectives of Financial Management, 2. Financial systems in India – RBI, SEBI. 3. New trends in Financial Management	06
2.	December	Financial Statements & Financial Analysis	1. Concept of Financial Statements – Income and Balance Statements 2. Financial Analysis – Types and Techniques	06
3.	December/ January	Investment Decision	1. Capital Expenditure 2. Capital Budgeting, techniques of Capital Budgeting. 3. Investment Decision Methods – Payback, Net Present Value, A.R.R and I.R.R	08
4.	January	Working Capital & Credit Management	1. Meaning and Nature of Working Capital 2. Factors affecting Working Capital Formulation of Credit Policy, 3. Collection Policy, Accounts Receivable Management 4. Factoring and Lease Financing	08

**Reference Book:** Financial Management by Dr. M. G. Mulla, Prin. Dr. Prasanna Deshmukh & Dr. Jagannath Mhaske

  
 Signature

Name: Asst. Prof. Sadiya Ansari



  
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**Youth Education and Welfare Society's  
National Senior College, Nashik  
Commerce Department  
Teaching plan**

**Subject: Business Administration Paper I (Production and Operation Management)**

**Code : (F) Semester: I**

**Name of Teacher: Asst.Prof. Saima Khan**

Sr. No.	Month	Topic	Sub- Topics	No. of Lecture assigned
1.	Nov	Production and Operation Management and Overview	Production and Operation Management : Meaning ,importance , Functions , Types of Production Systems – Mass Production /Flow Line , Continuous, Intermittent , Batch Production , Job Lots etc. Service Systems – Recent trends in production and service systems Plant Layout – objectives , basic principles and types Safety Considerations and environmental aspects.	12
2.	Nov	Supply Chain Management	Supply chain Management : Introduction , Scope, Components, Process of Supply Chain Management. Tools and Techniques of Supply Chain Management , Performance Measurement and implementation. Career opportunities in Supply Chain Management	12
3.	Dec	Production, Planning and Control	Production Planning : Meaning , Objectives , Importance and its components Production Control : Meaning , Objectives, Significance and factors affecting Production Control. Product Design and Development – Concept , Process and factors affecting product development	12
4.	Dec	Total Quality Management and Emerging Issue	Total Quality Management – Meaning , Dimensions , Objectives and importance Emerging Issues in Production and Operations Management – i.Mobile Accessibility ii.Atomization of Operational Processes iii.Employee empowerment iv.Outsourcing v.Waste Management	12

**Reference Book: Dr. M.G . Mulla , Dr. Jagannath**

**Signature**

**Name : Asst.Prof.Saima Khan**



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**Youth Education and Welfare Society's  
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Commerce Department  
Teaching plan**

**Subject: Business Management –I Code : 234 Semester:III**

**Name of Teacher: Asst.Prof. Saima Khan**

Sr. No.	Month	Topic	Sub- Topics	No. of Lecture assigned
1.	Oct-Nov	Management	1.1 Meaning definition of Management 1.2 Need for Management study 1.3 Process and levels of management 1.4 Functions of management 1.5 Contribution of F.W. Taylor, Henry Fayol, Peter Drucker, Mintzberg and Michel Porter in development of management thoughts	12
2.	Nov	Understanding Management Plan and Decision Making	2.1 Meaning, definition and nature of Planning 2.2 Forms and types of Planning 2.3 Steps in Planning 2.4 Limitations of Planning 2.5 Meaning and techniques of Forecasting 2.6 Meaning, Types and Steps in Decision Making	12
3.	Nov-Dec	Management at Work the process of Organising and Staffing	3.1 Meaning, Process and Principles of Organizing 3.2 Concept of Authority and Responsibility 3.3 Delegation of Authority 3.4 Difficulties in Delegation of Authority 3.5 Need and importance of Staffing 3.6 Recruitment : Sources and Methods.	12
4.	Dec	Result orientation direction and teamwork	4.1 Meaning, Elements, Principles, Techniques and Importance of Direction. 4.2 Concept of Team Work, Group Dynamics and principles regarding interpersonal communication and Group Behaviour.	12

**Reference Book: Dr.Y.R Thorat , Dr Leena Sunil Modi , Dr. Neha Shanthanu Puranik**

Signature

*Saima Khan*

Name : Asst.prof.Saima Khan

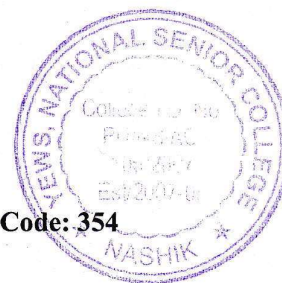


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**YOUTH EDUCATION AND WELFARE SOCIETY'S  
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COMMERCE DEPARTMENT  
TEACHING PLAN  
ACADEMIC YEAR 2022-23**



**Subject: Auditing**

**Semester: V**

**Name of Teacher: Asst. Prof. Zute Rushikesh M.**

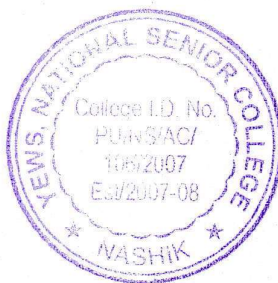
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Sr. No	Month	Topic	Sub- Topics	No. of Lecture assigned
1.	October	<b>Introduction to Principles of Auditing and Audit Process</b>	Definition, Nature, Objects, Advantages of Auditing, Types of errors and frauds, Various Classes of Audit. Audit programme, Audit Note Book, Working Papers, Internal Control-Internal Check-Internal Audit.	14
2.	October /November	<b>Checking, Vouching and Audit Report</b>	Test checking, Vouching of Cash Book-Verification and Valuation of Assets and Liabilities. Types of Audit Report, Audit Certificate-Difference between Audit Report and Audit Certificate. Auditing and Assurance Standards. (AAS-1,2,3,4,5)	12
3.	November/ December	<b>Company Audit and Tax Audit</b>	<b><u>Company Audit</u></b> Qualification, Disqualifications, Appointment, Removal, Rights, Duties and liabilities of Company Auditor  <b><u>Tax Audit</u></b> Provisions under Income Tax Act 1961 (Sec 44AA, 44AB, 44AD, 44ADA, 44AE) Recent Amendment made as applicable as per Income Tax Act 1961	09
4.	December	<b>Audit of Computerized Systems &amp; Forensic Audit</b>	<b><u>Auditing in an EDP Environment</u></b> General EDP Control – EDP Application Control- Computer Assisted Audit Techniques (Factors and Preparation of CAAT)  <b><u>Forensic Audit</u></b> Definition, Importance of Forensic Auditor, Services Rendered by Forensic Auditor, Process of Forensic Auditing and Forensic Audit Techniques and Forensic Audit Report	10

**Reference Book: Auditing by Dr. Rupali Bipin Sheth, Dr. Dnyandev Laxman Nitve, Auditing Assurance Standards by The Institute of Chartered Accountants of India**

  
Signature

**Name: Asst. Prof. Zute Rushikesh M.**



  
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COMMERCE DEPARTMENT  
TEACHING PLAN  
ACADEMIC YEAR 2022-23**

**Subject: Marketing Techniques**

**Code: 117**

**Semester: I**

**Name of Teacher: Asst. Prof. Zute Rushikesh M.**



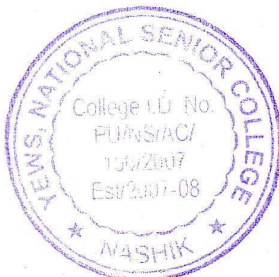
Sr. No	Month	Topic	Sub-Topics	No. of Lecture assigned
1.	November	<b>Marketing Introduction &amp; Marketing Environment</b>	<b>Marketing</b> : Meaning ,Definition, Elements, Objectives, Importance, Advantages and limitations, Evolution and Scope Approaches to the study of Marketing  <b>Marketing Environment:</b> Meaning and Definition, Internal and external Environmental factors influencing the marketing environment	12
2.	December	<b>Product Mix and Price Mix</b>	<b>Marketing Mix</b> : Meaning, Definition, Elements  <b>Product Mix:</b> Concept of Product, Product Lines, Product line length, depth, width. Product Mix Width. Product Simplification diversification and elimination <b>Product Management:</b> New product development and Product Life Cycle <b>Brand Management:</b> concept definition and history of brand/branding Brand Creation, Rebranding, Brand Positioning, Brand Equity Brand Contract, Brand Factory  <b>Labelling: Meaning and importance</b> <b>Price Mix:</b> Price—Meaning, Definition and Elements of price mix. Need, importance and objectives of pricing. Factors influencing pricing. Various Pricing Strategies.	12
3.	December/ January	<b>Place Mix and Promotion Mix</b>	<b>Place</b> – Types of Distribution Channels , Advantages & Limitations, factors affecting selection of channel.  <b>Promotion Mix</b> : Meaning, Elements of Promotion Mix, <b>Advertising</b> – Concept, Classification, functions , benefits of advertising, Economic, Social & ethical issues, evaluating advertising effectiveness, Recent trends in advertising,	11

			<b>Personal Selling</b> – concept and importance, theories of selling, process of personal selling. Selling Methods, Limitations of personal selling. <b>Publicity:</b> Meaning, difference between advertising and publicity <b>Sales Promotion:</b> Meaning, Objectives and importance. Tools or techniques, Evaluation of sales promotion.	
4.	January	<b>Public Relations, People Process and Physical Evidence</b>	<b>Public Relations</b> — Concept, History, Tools of public relations, Role of Public Relation Officer <b>E- Marketing Promotion</b> – E mails, different types of Web advertising, blog spots, Online Sponsorships. Social Media Marketing, <b>People, Process and Physical Evidence --</b> People as a part of Marketing Mix, customer interaction, customer service Process as part of the Marketing Mix, Physical evidence/ Packaging	12

**Reference Book:** Advanced Marketing (Marketing Techniques) by Dr. Shahaji Misal, Dr. Nandini Deshpande, Dr. Ashutosh V. More, Dr. Satish Bhosle, Marketing Management by Arun Kumar, Rachana Sharma.

Signature

Name: Asst. Prof. Zute Rushikesh M.



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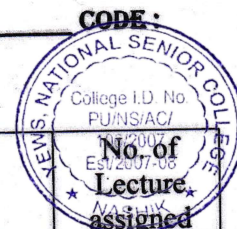


**YOUTH EDUCATION AND WELFARE SOCIETY'S**  
**NATIONAL SENIOR COLLEGE, NASHIK**  
**COMMERCE DEPARTMENT**  
**TEACHING PLAN**

**SUBJECT:** FINANCIAL ACCOUNTING **DIV (A)**

**112** **Semester: I**

**Name of Teacher:** Asst.Prof.Bharati Warekar



Sr. No.	Month	Topic	Sub- Topics	
1.	August	Accounting Concepts, Conventions and Principles and an overview of Emerging Trends in Accounting	<b>(A)Accounting Concepts, Conventions and Principles</b> 1. Money Measurement 2. Business Entity 3. Dual Aspect 4. Periodicity Concept 5. Realization Concept 6. Matching Concept 7. Accrual / Cash Concept 8. Consistency Concept 9. Conservatism Principle 10.Materiality Concept 11.Going Concern Concept 12. Historical Cost Concept	08
2.	September	1)Accounting Concepts, Conventions and Principles and an overview of Emerging Trends in Accounting  2)Piecemeal Distribution of Cash 1. Surplus Capital Method	<b>(B)Emerging Trends in Accounting 1.</b>  Surplus Capital Method taken over by a partner, 2. Treatment of past profits or past losses in the Balance sheet, 3. Contingent liabilities 4. Realization expenses/amount kept aside for expenses 5. adjustment of actual, Treatment of secured liabilities, 6. Treatment of preferential liabilities like Govt. dues/labor dues etc., Excluding:	16
3.	October	Single entry system	Accounts from Incomplete Records (Single Entry System) 1. Meaning of single entry system 2. Features of Single Entry System 3. Conversion of Single Entry into Double Entry • Knowledge about single entry Systems. • Purpose and advantages of	12

			double entry system • Process of conversion of single Entry into double entry system. 4 Introduction to Goods and Services Tax laws and Accounting 1. Constitutional Background of GST,	
4.	November	Introduction to Goods and Services Tax laws and Accounting	1. Constitutional Background of GST, Concepts and definition of GST. 2. IGST, CGST and SGST 3. Input and Output Tax credit 4. Procedure for registration under GST	8
5.	December			

**Reference Book: Financial Accounting by Dr.P.C.Tulasian, S.C. Gupta,GST Law and Analysis with conceptual procedures by Bimal Jain and Isha Bansal**

Signature

*Bharati Warekar*

Name : Asst.Bharati Warekar



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YOUTH EDUCATION AND WELFARE SOCIETY'S  
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 COMMERCE DEPARTMENT  
 TEACHING PLAN



SUBJECT: MANAGEMENT ACCOUNTING (M.COM) CODE :

101 Semester: I

Name of Teacher: Asst.Prof.Bharati Warekar

Sr. No.	Month	Topic	Sub- Topics	No. of Lecture assigned
5.	Novemembr	Accounting for Emerging Sectors	1. Limitations of conventional Financial Accounting 2. Emergence of Management Accounting and Cost Accounting 3. Advantages of Management Accounting and Cost Accounting 4. Distinction between Management Accounting and Cost Accounting 5. Management Accounting as a decision making tool	12
6.	December	Application of Management Accounting Techniques	Marginal Costing and Cost-Volume Profit (CVP) Analysis, Key Factors 2. Decision Making through Managerial Cost Accounting (Make or Buy Decision) Purchasing and Leasing 3. Techniques and Managerial Cost Accounting 4. Standardization of Accounting System a. Fixed and Variable Cost Analysis b. Application of Fixed and Variable Cost Analysis technique in decision making process	16
7.	Janaury	Budgets as a tool for Decision Making	1. Budget Manual 2. Budget Committee and Budgetary Control 3. Preparation of Budget 4. Master Budget 5. Purchase and Sales Budgets 6. Fixed and Flexible Budget 7. Cash Budget	12
8.	Janaury	Working Capital Management	1. Concept and definition of working capital, 2. Determination of Working capital, Assessment of Working 3. Capital needs - Study of components of working capital such as cash management 4. Accounts receivable management and inventory	8

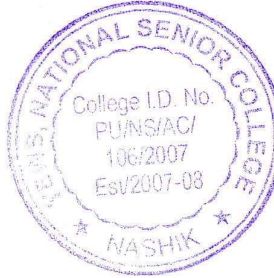
			management.	
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**Reference Book: Financial Accounting by Dr.P.C.Tulasian, Mahesh Kulkarni And Rahul Mahajan s ,Nirali prkashan**

**Signature**

*Bharati*

**Name :** Asst.Bharati Warekar



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Commerce Department

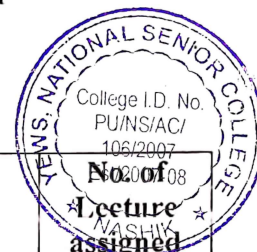
Teaching Plan Academic Year 2022-23

Subject: Computer Concepts and Application – II

Code: 124 (B)

Semester: II

Name of Teacher: Asst. Prof. Zahir Shaikh



Sr. No	Month	Topic	Sub- Topics	
1	Feb/ March	Unit 1 Introduction to E-commerce Tools	<b>Process of E-Commerce</b> Types of E-Commerce; Role of Internet and Web in E-Commerce; Technologies Used in E-Commerce Systems <b>E-Commerce Activities:</b> Various Activities of E-Commerce; Various Modes of Operation Associated with E-Commerce; Elements and Resources Impacting E-Commerce and Changes; Types of E-Commerce Providers and Vendors; Opportunity Development for E-Commerce Stages; Development of E-Commerce Business Case; Components and Factors for the Development of the Business Case; Steps to Design and Develop an E-Commerce Website.	12
2	March	Unit 2 Introductions to E-Marketing	<b>E-Marketing:</b> Traditional Marketing; E-Marketing; Identifying Web Presence Goals – Achieving web presence goals, Uniqueness of the web, Meeting the needs of website visitors, Site Adhesion: Content, format and access; Maintaining a Website; Metrics Defining Internet Units of Measurement; Online Marketing; Advantages of Online Marketing. <b>E-Customer Relationship Management:</b> Customer Relationship Management (CRM) – Marketing automation, Enterprise customer management; Customer Relationship Management Areas; CRM Processes; Architectural Components of a CRM Solution – Customer's information repository, Campaign management, Event triggers, business logic and rules repository, Forecasting and planning tools, Electronic Customer Relationship Management; Need, Architecture and Applications of Electronic CRM. <b>Supply Chain Management:</b> Supply Chain Management (SCM); Goals of SCM; Functions of SCM: Strategies of SCM; Electronic SCM and its benefits; Components of Electronic SCM; Electronic Logistics and its Implementation.	14
3	April	Unit 3 Electronic Payment System	<b>Electronic Data Interchange</b> (Introduction to EDI, EDI Architecture Financial EDI, Overview of the technology involved in EDI <b>Introduction to EPS</b>	14



			Application of Online payment system ,Introduction to EFT (Electronic Fund Transfer) Types of EFT ( NEFT, RTGS), E-Payment Systems: Electronic Funds Transfer; Digital Token Based E-Payment Systems; Modern Payment Systems; Steps for Electronic Payment; Payment Security; Net Banking. Introduction to Digital Signature and Digital Certificates, Stages of SET Types of Payment System: Digital Cash, Electronic Cheque, Smart Card, Credit/Debit Card	
4	April/ May	Unit 4 Introduction to M-Commerce	Definition, Need and Scope, Advantages and disadvantages of M-commerce, M-Commerce and its applications., Types of M-Commerce. Products and Services of M-Commerce, Mobile payment application. Difference between E-commerce and M-Commerce.	8


#### Reference Books

1. Fundamentals of Computer : For undergraduate courses in commerce and management, ITL Education Solutions Limited, Pearson Education, ISBN:9788131733349
2. Introduction to Computer Science, 2/e, ITL Education Solutions Limited, Pearson Education, ISBN:9788131760307
3. Frontiers of Electronic Commerce, Ravi Kalakota, Andrew B. Whinston, Pearson Education, ISBN:9788177583922

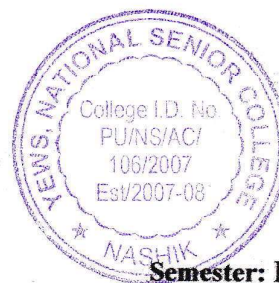
  
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Asst. Prof. Zahir H. Shaikh



  
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 Bachelor of Business Administration (B.B.A)  
 Teaching plan -2022-23



**Subject: Business Organizations and Systems**

**Code: 201**

**Semester: II**

**Name of Teacher: Asst. Prof. Simin Shaikh**

Sr. No.	Month	Topic	Sub- Topics	No. of Lecture assigned
1.	February	Nature and evolution of business	Concept of business and its characteristics, Objectives of business and prerequisites of a successful business, Development and evolution of Trade, commerce and industry, Recent Trends in Modern Business i.e. BPO, KPO, Entrepreneur & Homepreneur and online trading, digital marketing and payment methods	12
2.	March	Forms of Business Organization	Forms of business organization and its selection, Meaning, characteristics, advantages and Limitations of Sole proprietorship, Partnership Firm, Limited Liability partnership Firms and private company, Joint Stock Company, virtual business organizations, boundary less organizations, OPC (One Person company)	12
3.	April	Setting up of a business enterprise	Identification of ideas and opportunities, Influencing factors while setting up of business enterprise, Feasibility report of a business enterprise, Size and location of a business enterprise. licensing and basic legal formalities to start a new business enterprise	11
4.	May	Study of Domestic and Foreign Trade	Levels of Distribution Channels and their role Domestic Trade: Concept of Domestic Trade, Wholesaling and Retailing Foreign Trade: Concept of Export and Import; Export and Import Procedure	10
5.	June	Revision		

**Reference Book:** Modern Business Organisation and Management – Systems Approach S.A. Sherlekar, V.s. Sherlekar

*Simin Shaikh*  
**Signature**

**Name: Asst. Prof. Simin Shaikh**

*Simin Shaikh*  
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Youth Education and Welfare Society's  
**National Senior College, Nashik**

Department OF BBA

Teaching plan

**Subject:** Business Demography

**Code :** (106)

**Semester: I**

**Name of Teacher:** Asst. Prof. Salwa Monde

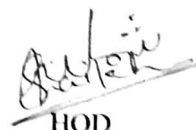
Sr. No.	Month	Topic	Sub- Topics	No. of Lecture assigned
1.	August	Concept of demography	Meaning, importance and need of demography. Study of demography. As an essential discipline of social economic change ,Scope and components of Demography Factors affecting mortality, fertility rate, Methods to calculate fertility and mortality rate	08
2.	September	Distribution of population and population growth	Density and population distribution Concept of over and under population Method of assessment of population growth	08
3.	October	Population as resources	Importance of human resource as development of the nation Concept of literacy and its importance in modern society Concept of sex ratio age and sex pyramid Concept of working and dependent population	06
4.	November	Urbanization and its implications	Concept of urbanization factors affecting urbanization. And rural population, Features and importance Urbanization. Behavioral and demographic Structure and various factors responsible for urbanization	06

**Reference Book:** Business Demography- Gauri Girish Jadhav

Signature:



Name: Asst. Prof. Salwa Monde



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Nashik-01



Youth Education and Welfare Society's  
**National Senior College, Nashik**

Department OF BBA

Teaching plan

Subject: Analysis of Financial Statements

Code : (505B)

Semester: V

Name of Teacher: Asst. Prof. Salwa Monde

Sr. No.	Month	Topic	Sub- Topics	No. of Lecture assigned
1.	August	Introduction of Analysis & Interpretation of Financial Statement	Introduction of Schedule III as per Companies Act 2013, Meaning and importance of Analysis of Financial Statements, Tools and Techniques of financial analysis, Comparative Financial Statements, Trend Analysis, Common Size Financial Statements, Ratio Analysis, Fund Flow Statement and C Cash Flow Statement	8
2.	September	Ratio Analysis	Meaning, Importance, Advantages & Limitations of Ratio, Classification of Ratios, Liquidity ratios, Turnover ratios, Profitability ratios and Solvency ratios (Practical Problems based on the ratios- Problems based on reverse ratio is excluded. )	16
3.	October	Cash Flow Statement	Meaning, Objectives, Uses, and Limitations of Cash Flow Statement, Methods of Cash Flow Statements- Direct methods and indirect methods. Practical sums on an indirect method	14
4.	November	Fund Flow Statement	Meaning, Objectives, Uses, and Limitations of Fund Flow Statement, Preparation of Fund Flow Statement- Fund from operations & statement of changes in Working Capital Practical sums on Preparation of Fund Flow Statement-	14

**Reference Book:** Management accounting & Financial Analysis - Ravi Kishore Taxman

Signature:



Name: Asst. Prof. Salwa Monde



HOD

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National Senior College  
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Youth Education and Welfare Society's  
**National Senior College, Nashik**  
 Bachelor of Business Administration (BBA)  
 Teaching plan 2022-23



Subject: principal of finance Code: \_203 Semester: II  
 Name of Teacher: \_asst.prof. Nida kausar najir shaikh

Sr. No.	Month	Topic	Sub- Topics	No. of Lecture assigned
1.	February	concepts in finance	Definition - Nature and scope of finance function, Financial Management - Meaning – Approaches: - Traditional, Modern, Role of finance manager.	14
2.	March	Sources of Finance	External: - Shares, Debentures, Public Deposits, Borrowing from banks: - meaning, types, advantages and limitations of these sources, Internal: - Reserves and surplus, Bonus shares Retained earnings,.	13
3.	April	Capital Structure	Meaning criteria for determining capital structure, Factors affecting capital structure, Capitalization:- Meaning, over capitalization and Under Capitalization - meaning, causes, consequences, remedies	11
4.	May	Recent Trends in business finance:-	Meaning and nature of Venture Capital, Leasing, Microfinance, Mutual Fund	10
5.	June	Rivision		

**Reference Book:** Financial management – Theory and Practice, Prasanna Chandra, McGraw Hill Education New Delhi

Financial Management, P.V. Kulkarni , B.G. Satyaprasad Himalaya Publishing House Mumbai

*Nida*  
 Signature

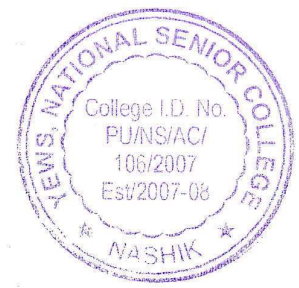
Name : Asst. Prof. Nida Shaikh

*Simin Shaikh*  
 HOD

Asst. Prof. Simin Shaikh  
 HOD. B.B.A. Faculty  
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Youth Education and Welfare Society's  
**National Senior College, Nashik**  
 BBA DEPARTMENT  
 Teaching plan 2022-23



Subject: Decision Making and Risk Managements

Code:403

Semester: IV

Name of Teacher: Asst.prof. Harshada Umesh Kulkarni.

Sr. No.	Month	Topic	Sub- Topics	No. of Lecture assigned
1.	February	Introduction to Decision making and Risk Management	Decision Making and Risk Management – Introduction, Concept, Problem definition and framing. Rational Models of decision making, Other models - Myers Briggs, Bounded Rationality model, Retrospective decision model, OODA Loop Model, Ladder of Inference etc. To understand the role and scope of Decision making and Risk management in organizations. Types of Decisions, Steps in Decision making process, Creative decision making process. Why rational models fail ?	12
2.	March	Decision making Tools and Models	Decision Making - Group think versus the wisdom of crowds, Avoiding decision-making traps. Intuition: pros and cons, Decisions making for corporate management, execution, and operation of projects, Role of technology in decision making and data analysis. EQ (Emotional Intelligence) versus IQ as essential decision making traits to manage risks Dealing with conflict and Risk - Resistance to change, Key elements of EQ: personal and social competencies, Dissonant decision making leadership and brain chemistry Qualitative and Quantitative risk analysis tools /methods – Introduction, Concept. Decision Models in strategic management, Decision making	12
3.	April	Capital Structure	Meaning criteria for determining capital structure, Factors affecting capital structure, Capitalization:- Meaning, over capitalization and Under Capitalization - meaning, causes, consequences, remedies	12
4.	May	Role of Decision Making and leadership	Definitions of leadership and followership, Motivational theory; common motives of leaders and followers. Identifying resources that affect your power and influence; use and misuse of power, Role of competition and conflict in leadership roles. Charisma, heroes, bullies and jerks – aspects to be considered in decision making and leadership. Decision making and Leadership	12
5.	June	Rivision		

**Reference Book:** Decision Making and Risk Managements – Melvin W. Lifson, Edward F. Shaifer John Wiley & Sons 1st. - US

*Harshada*  
Signature

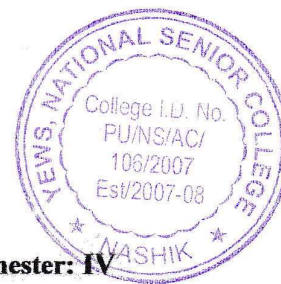
Name : Asst. Prof. Harshada Kulkarni

*Simin*  
HOD

Asst. Prof. Simin Shaikh  
 HOD. B.B.A. Faculty  
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Youth Education and Welfare Society's  
**National Senior College, Nashik**  
 Bachelor of Business Administration (B.B.A)  
 Teaching plan -2022-23



**Subject: International Business Management**

**Code: 404**

**Semester: IV**

**Name of Teacher: Asst. Prof. Tahseen Shaikh**

Sr. No.	Month	Topic	Sub- Topics	No. of Lecture assigned
1.	Feb	Introduction to International Business	• Meaning, Nature and Scope of International Business • Globalization – Effects on Economy, Advantages and Challenges • International Trade Theories and its applications – Reasons for international trade Ricardo's Theory, Hecksher Ohlin Theory, Michael Porter's Diamond model.	12
2	March	International Business Environment	• International Corporations – Meaning, Scope and Nature • Role and Importance of Multi-National Corporations in International Business. • Foreign Direct Investment – Meaning, Concept, Importance. • Legal Aspects of FDI from Indian Context. • Cultural and Demographic Environment – Meaning and Importance in International Business	12
3.	April	International Finance	• Meaning of Exchange Rate • Determination of exchange rate – Fixed, flexible and managed. • Concept of Spot Rate, Forward rate and Futures • Balance of Trade and Balance of Payments – Introduction, Concept and Importance. • Documentation in International Trade and EXIM Finance. • Financing Techniques and Export Promotion Schemes • World Bank and International Monetary Fund – Objectives and Functions	12
4.	May	International Economic Zones and Foreign Trade	World Trade Organization (WTO) – Evolution and Functions • Regional Trading Agreements, India and Trade Agreements, Regional Integration. • Global Sourcing – Introduction, Concept, Challenges, Advantages (Indian Context) • Composition and Direction of India's Foreign Trade since 2000. • Case Studies in International Business with reference to Indian Economy on – International Marketing – International Finance – International Human Resource Management – International Strategic Management – Ethics in International Business	12
5.	June	Revision		

**Reference Book:** International Business , K Aswathappa , Tata McGrawHill.1999 , New Delhi

**Signature**

**Name: Asst. Prof. Tahseen Shaikh**

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NATIONAL SENIOR COLLEGE, NASHIK  
COMPUTER APPLICATION DEPARTMENT  
TEACHING PLAN**

**SUBJECT: DBMS**

**CODE :CA104**

**Semester: I**

**Name of Teacher: Asst.Prof Shirin Maniyar**

Sr. No.	Month	Topic	Sub- Topics	No. of Lecture assigned
1.	August			
2.	September	L-1 File Structure and Organization	1.1 Introduction 1.2 Logical and Physical Files 1.2.1 File 1.2.2 File Structure 1.2.3 Logical and Physical Files Definitions 1.3 Basic File Operations 1.3.1 Opening Files 1.3.2 Closing Files 1.3.3 Reading and Writing	6L
3.	October	L-2 Database Management System	2.1 Introduction 2.2 Basic Concept and Definitions 2.2.1 Data and Information 2.2.2 Data Vs Information 2.2.3 Data Dictionary 2.2.4 Data Item or Field 2.2.5 Record 2.3 Definition of DBMS 2.4 Applications of DBMS 2.5 File processing system Vs DBMS 2.6 Advantages and Disadvantages of DBMS	12L
4.	November	L-3 Relational Model	3.1 Introduction 3.2 Terms a. Relation b. Tuple c. Attribute d. Cardinality e. Degree of relationship set f. Domain 3.3 Keys 3.3.1 Super Key 3.3.2 Candidate Key 3.3.3 Primary Key	12L
5.	December	L-4 SQL (Structured Query Language) L-5 Relational Database Design	4.1 Introduction 4.2 History Of SQL 4.3 Basic Structure 4.4 DDL Commands 4.5 DML Commands 5.1 Introduction 5.2 Anomalies of un normalized database 5.3 Normalization 5.4 Normal Form 5.4.1 1 NF 5.4.2 2 NF 5.4.3 3 NF	12L

**Reference Book:** Database System Concepts By Henry korth and A. Silberschatz

**Signature**

**Name :**

*Shirin Maniyar*



*Shirin*  
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**Teaching Plan: Department of Computer Application**  
**Academic Year 2022-23**

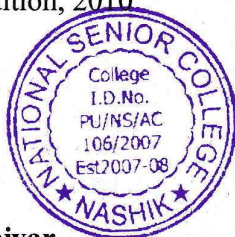
<b>Subject Teacher: - Asst. Prof. Reshma Shaikh</b> <b>Class: - T.Y.B.B.A. (CA) Semester - V</b> <b>Subject Name: - Python</b> <b>Course Code: - CA-504.</b>				
Sr. No.	Month	Unit	Topics	No. of Lecture
1.	August			
2.	September			
3.	October	<b>Chapter-1:</b> Introduction to Python	1.1History, Feature, Installation, Datatypes, Variables,1.2 Conditional Statements 1.3Looping 1.4 Control structure 1.5String Manipulation	16L
4.	November	<b>Chapter-2:</b> Modules and Packages  <b>Chapter-3:</b> Classes, Object and inheritance  <b>Chapter-4:</b> Exception Handling	2.1Built in Modules 2.1.1 Importing modules in python program 2.1.2 Working with Random Modules. 2.1.3 E.g. - built-ins, time, date time, calendar, sys, etc 2.2 User Defined functions  3.1.1 Classes as User Defined Data Type 3.1.2 Objects as Instances of Classes 3.1.3 Creating Class and Objects ,3.1.4 Creating Objects By Passing Values 3.1.5 Variables & Methods in a Class  4.1 Python Exception 4.2 Common Exception 4.3 Exception handling in Python (try-except-else) 4.4 The except statement with no exception 4.5 Multiple Exception 4.6 The try-finally clause 4.7 Custom Exception and assert statement	18L
5.	December	<b>Chapter-5:</b> GUI Programming  <b>Chapter-6:</b> Python Libraries	5.1Introduction 5.2 Tkinter programming 5.4 Tkinter widgets 5.5 Frame 5.6 Button 5.7 Label 5.8 Entry  6.1 Statistical Analysis- NumPy, SciPy, Pandas, StatsModels 6.2 Data Visualization- Matplotlib, Seaborn, Plotly 6.3 Data Modelling and Machine Learning- Scikit-learn, XGBoost, Eli5 .	14L
<b>Total No. of Lectures</b>				<b>48L</b>

**Reference Book:**

- 1) Mark Lutz, Programming Python, O'Reilly, 4th Edition, 2010
- 2) Learning Python, 4th Edition by Mark Lutz

  
**Ms. Reshma Shaikh**

  
**Ms. Shirin Maniyar**  
**HOD. BBA**  
**National Senior College**  
**Nashik-01**



  
**Dr. Suresh B. Nahire**  
**PRINCIPAL**  
**National Senior College,**  
**Nashik**





Youth Education and Welfare Society's  
**National Senior College, Nashik**  
Department of Computer Application  
Teaching Plan

Subject: Business Communication Skills

Code: CA-101

Semester: I

Name of Teacher: Asst. Prof. Smita Kad-Sahane.


Sr. No.	Month	Topic	Sub- Topics	No. of Lecture assigned
1.	August			
2.	September	<b>Chapter-1 :</b> .Concept of Communication and Introduction to Communication	1.1 Role of Communication in social and economic system 1.2 Need for effective communication 1.3 Meaning and definition 1.4 Principles of effective communication 1.5 Barriers to communication and over coming	12L
3.	October	<b>Chapter-2 :</b> Methods and types of Communication	2.1 Written communication, 2.2 Forms of written communication. 2.3 Qualities ,difficulties in written communication , 2.4 Constraints in developing effective written communication 2.5 Merits and Limitations of written communication 2.6 Listening Written communication,	12L
4.	November	<b>Chapter-3 :</b> Business Correspondence	3.1 Concept , 3.2 Need and functions of Business .Correspondence , 3.3 Types of Business letters , 3.4 Layout Drafting of business , 3.5 Sales Letter , 3.6 Orders sales circulars and business promotion letters 3.7 written methods& types of communication	12L
5.	December	<b>Chapter-4 :</b> Analysis of different Media of Communication	4.1 Fax communication , 4.2 Voice mail , 4.3 e-mails , 4.4 Tele conferencing , 4.5 Communication through social media	12L
<b>TOTAL</b>				<b>48L</b>

**Reference Book:**

1. Business Communication, Meenakshi Raman ,Prakash Singh, Oxford
2. Business Communication, Homai Pradhan , N.S.Pradhan, Himalaya Publishing House

Signature   
Name: Mrs. Smita Kad-Sahane.



  
Mrs. Shirin Maniyar  
**HOD. BBA (CA) Faculty**  
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YOUTH EDUCATION AND WELFARE SOCIETY'S  
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 REGULAR SCIENCE DEPARTMENT  
 TEACHING PLAN 2022-23

**Subject : Analytical Geometry**

**Subject code :- MT 121**

**Semester :- Second**

**Class :- F.Y.B.Sc.(Rgular)**

Sr. No.	Month	Topic	Sub- Topics	No. lectures Assigned
1.	March	<b>Unit 1:</b> Analytical Geometry of Two Dimension	1.1. Change of axes: translation and rotation.  1.2. Conic Sections: General equation of second degree in two variables  1.3. Reduction to standard form, center of conic, nature of conic.	10
	March	<b>Unit 2:</b> Planes	2.1. Direction cosines and direction ratios, Equation of plane, Normal form, Transform to the normal form, Plane passing through three non-collinear points, Intercept form, Angle between two planes.  2.2. Distance of a point from a plane, Distance between parallel planes, Systems of planes, two sides of planes, Bisector planes.	10
3.	April	<b>Unit 3:</b> Lines in three dimension	3.1. Equations of a line in Symmetric and unsymmetrical forms, Line passing through two points, Angle between a line and a plane	08



			3.2. Perpendicular distance of a point from a plane, Condition for two lines to be coplanar	
4.	May	Unit 4: Sphere	4.1. Equation of a sphere in different forms, plane section of a sphere. 4.2. Equation of a circle, sphere through a given circle 4.3. Intersection of a sphere and a line, Equation of tangent plane to sphere.	08

*Farheen SK.*  
**SUBJECT TEACHER**

*[Signature]*  
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**NASHIK-01**  
**(Mrs.Sana Khan)**

**HOD**





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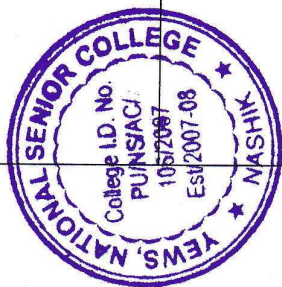
REGULAR SCIENCE DEPARTMENT

TEACHING PLAN-2022-2023

**SUBJECT:** Calculus 1 (MT-112) **CODE :** (MT-112) **Semester: I**

**Name of Teacher:** Asst. Prof. Sana Khan

Sr. No.	Month	Topic	Sub- Topics	No. of Lecture assigned
1.	SEP	1. Real Numbers	1.1 The Algebraic and Order Properties of $\mathbb{R}$ : Algebraic properties of $\mathbb{R}$ , Order properties of $\mathbb{R}$ . 1.2 Absolute Value and the Real Line: Absolute value function and its properties, triangle inequality and its consequences, neighborhood of a point on real line. 1.3 The Completeness Property of $\mathbb{R}$ : Definitions of Upper bound, Lower bound, supremum, infimum of subsets of $\mathbb{R}$ , completeness property of $\mathbb{R}$ . 1.4 Applications of the Supremum Property: Archimedean property and its consequences, The density theorem	06
2.	NOV	2. Sequences	Unit 2. Sequences 2.1 Sequences and Their Limits: Definition and examples of sequences of real numbers, Definition of limit of sequence and uniqueness of limit, Examples on limit of sequence. 2.2 Limits Theorems: Definition of bounded sequence, Every convergent sequence. 2.3 Monotone Sequences: Definition and examples of monotone sequences, Monotone convergence theorem and examples. 2.4 Subsequences and Bolzano -Weierstrass Theorem:	10
3.	DEC	3. Limits	Unit 3. Limits Functions, domain and range, graphs of functions, representing a function numerically, Vertical line test, Piecewise defined functions, increasing and decreasing functions, even and odd functions symmetry, common functions 3.2 Limits of Functions: Definition of cluster point and examples, definition of limit of a function, sequential criterion for limits, divergence criteria. 3.3 Limit Theorems: Algebra of limits, Squeeze theorem. 3.4 Some extension of limit concepts: one-sided limits, infinite limits	08



4.	JAN	4.Continuity	Unit 4: Continuity 4.1 Continuous Functions. 4.2 Continuous Functions on Intervals: Properties of continuous functions on an interval, Boundedness theorem , The minimum -maximum theorem, Location of root theorem , Bolzano's intermediate value theorem. Continuous function maps closed bounded interval to closed bounded interval, Preservation of interval theorem.	12
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Signature

Name :

Sana Khan

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SCIENCE DEPARTMENT  
TEACHING PLAN

**SUBJECT:** Descriptive Statistics I

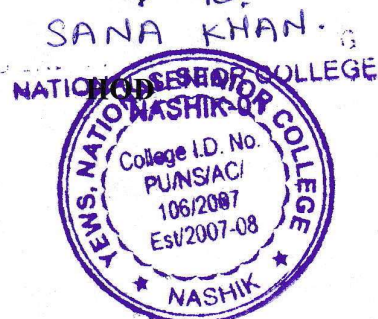
**CODE :** ST – 111 **Semester:** I

**Name of Teacher:** Asst. Prof. KAZI YASIR

Sr. No.	Month	Topic	Sub- Topics	No. of Lecture assigned
1.	September	<b>Unit 1. Introduction to Statistics Unit 2. Population and Sample</b>	1.1 Meaning of Statistics as a Science. 1.2 Importance of Statistics. 1.3 Scope of Statistics: In the field of Industry, Biological sciences, Medical sciences, Economics, Social Sciences, Management sciences, Agriculture, Insurance, Information technology, Education and Psychology. 1.4 Statistical organizations in India and their functions: CSO, ISI, NSSO, IIPS (Devnar, Mumbai), Bureau of Economics and statistics.	2+4
2.	October	<b>Unit 3. Summary Statistics</b>	3.1 Review/Revision of Presentation of Data. 3.2 Frequency Classification 3.3 Measures of Central Tendency 3.4 Measures of Dispersion	14
3.	November	<b>Unit 4: Moments, Skewness and Kurtosis</b>	4.1 Raw moments (m'r) for ungrouped and grouped data. 4.2 Concept of skewness of frequency distribution, positive skewness, negative skewness, symmetric frequency distribution	08
4.	January	<b>5 Theory of Attributes</b>	5.1 Attributes 5.2 Consistency of data up to 2 attributes. 5.3 Concepts of independence and association of two attributes	08

Signature

Name : KAZI YASIR





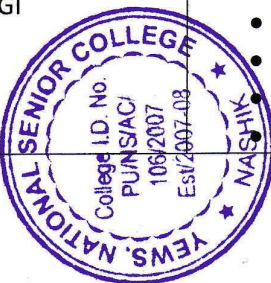
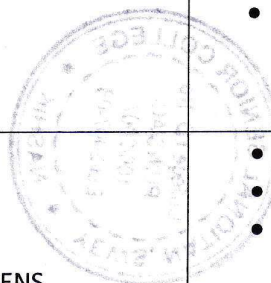
YOUTH EDUCATION AND WELFARE SOCIETY'S  
**NATIONAL SENIOR COLLEGE, NASHIK**  
 BOTANY DEPARTMENT  
 TEACHING PLAN 2022-23

**Subject:** Plant life and Utilization I  
**Semester :** I

**Code :** (BO 111)  
**Class:** F.Y.B.Sc. (Regular)

**Name of Teacher:** Asst. Prof. Janorkar Sumaiya

Sr. No.	Month	Topic	Sub- Topics	No. of Lecture assigned
1.	October	1. INTRODUCTION- 2. ALGAE	<ul style="list-style-type: none"> <li>General outline of plant kingdom (Lower Cryptogams: Thallophytes Algae, Fungi &amp; Lichens; Higher Cryptogams: Bryophytes and Pteridophytes; Phanerogams: Gymnosperms and AngiospermsDicotyledons and Monocotyledons).</li> <li>Distinguishing characters of these groups and mention few common examples from each.</li> <li>: Introduction General Characters</li> <li>Classification (Bold and Wynne 1978) up to classes with reasons</li> <li>Life Cycle of Spirogyra w.r.t. Habit, Habitat, Structure of thallus, structure of typical cell, Reproduction- Vegetative, Asexual and Sexual, systematic position with reasons</li> <li>Utilization of Algae in Biofuel Industry, Agriculture, Pharmaceuticals Food and Fodder</li> </ul>	12
2.	November	3. LICHENS 4. FUNGI	<ul style="list-style-type: none"> <li>Introduction</li> <li>General Characters</li> <li>Nature of Association, forms- Crustose, Foliose and Fruticose.</li> <li>Utilization of lichens.</li> <li>Introduction</li> <li>General Characters</li> <li>Classification (Ainsworth,</li> </ul>	12



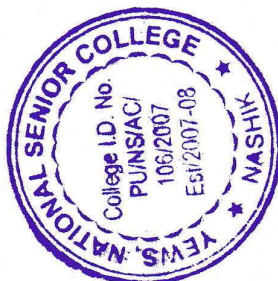
			1973) <ul style="list-style-type: none"> <li>Life Cycle of Mushroom- Agaricus bisporus w.r.t. Habit, Habitat, Structure of thallus, Structure of Sporocarp, Structure of Gill,</li> <li>Reproduction- Asexual and sexual, Systematic position.</li> <li>Utilization of Fungi in Industry, Agriculture, Food and Pharmaceuticals</li> </ul>	
5.	December	5. BRYOPHYTES	<ul style="list-style-type: none"> <li>Introduction</li> <li>General Characters</li> <li>Classification (G.M. Smith 1955)</li> <li>Life Cycle of Riccia w.r.t. Habit, habitat, external and internal structure of thallus,</li> <li>Reproduction- vegetative, asexual and sexual- Structure of sex organs, fertilization, structure of mature sporophyte, structure of spore, systematic position with reasons.</li> <li>Utilization: Bryophytes as ecological indicators, agriculture, fuel, industry and medicine..</li> </ul>	06

### Reference Book:

1. Ainswarth, Sussman and Sparrow (1973). The Fungi. Vol. IV-A and IV-B. Academic Press
2. Bilgrami, K.S. and Saha, L.C. (1992) A Textbook of Algae. CBS Publishers and Distributors, Delhi..
3. Gangulee, Das and Dutta (2002). College Botany. Vol. I, New Central Book Agency (P) Ltd.

*Sumaiya*

**SUBJECT TEACHER**



*[Signature]*  
Sana Khan.  
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YOUTH EDUCATION AND WELFARE SOCIETY'S  
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COMPUTER SCIENCE DEPARTMENT

TEACHING PLAN

SUBJECT: RELATIONAL DATABASE MANAGEMENT SYSTEM CODE: CS-122 Semester: II

Name of Teacher: Asst. Prof. Khan Nazmin

Sr. No.	Month	Topic	Sub- Topics	No. of Lecture assigned
1.	February	Relational Database Design Using PLSQL	1.1 Introduction to PLSQL 1.2 PL/PgSQL 1.3 Controlling the program flow 1.4 Stored Procedures 1.5 Stored Functions 1.6 Handling Errors and Exceptions 1.7 Cursors 1.8 Triggers	08
2.	March	Transaction Concepts and concurrency control	2.1 Describe a transaction, properties of transaction, state 2.2 Executing transactions 2.3 Schedules 2.4 Ensuring Serializability by locks 2.5 Basic timestamp method for concurrency, Thomas Write Rule. 2.6 Locks with multiple granularity 2.8 Deadlock and deadlock handling	10
3.	April	Database Integrity and Security Concepts	3.1 Domain constraints 3.2 Referential Integrity 3.3 Introduction to database security concepts 3.4 Methods for database security 3.5 Use of views in security enforcement. 3.6 Overview of encryption technique for security. 3.7 Statistical database security.	06
4.	May	Crash Recovery Other Databases	4.1 Failure classification 4.2 Recovery concepts 4.3 Log base recovery techniques 4.4 Checkpoints, Relationship between database manager and buffer cache. Aries recovery algorithm. 4.5 Recovery with concurrent transactions 4.6 Database backup and recovery from catastrophic failure 5.1 Introduction to Parallel and distributed Databases 5.2 Introduction to Object Based Databases 5.3 XML Databases 5.4 NoSQL Database 5.5 Multimedia Databases 5.6 Big Data Databases	06

Signature Khan Nazmin

Name :

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**COMPUTER SCIENCE DEPARTMENT**  
**TEACHING PLAN**

**SUBJECT: ADVANCE C PROGRAMMING      CODE:CS-121   Semester: II**

**Name of Teacher: Asst. Prof. Nida Ansari**

Sr. No.	Month	Topic	Sub- Topics	No. of Lecture assigned
1.	Feb.	Pointers	1.1. Introduction to Pointers. 1.2. Declaration, definition, initialization, dereferencing. 1.3. Pointer arithmetic. 1.4. Relationship between Arrays & Pointers- Pointer to array, Array of pointers. 1.5. Multiple indirection (pointer to pointer). 1.6. Functions and pointers- Passing pointer to function, Returning pointer from function, Function pointer. 1.7. Dynamic memory management- Allocation(malloc(),calloc()), Resizing(realloc()), Releasing(free()), 1.8. Memory leak, dangling pointers. 1.9. Types of pointers.	08
2.	March	Strings	2.1 String Literals, string variables, declaration, definition, initialization. 2.2 Syntax and use of predefined string functions 2.3 Array of strings. 2.4. Strings and Pointers 2.5. Command line arguments.	06
3.	April	Structures And Unions.	3.1. Concept of structure, definition and initialization, use of typedef. 3.2. Accessing structure members. 3.3. Nested Structures 3.4. Arrays of Structures 3.5. Structures and functions- Passing each member of structure as a separate argument, Passing structure by value / address. 3.6. Pointers and structures. 3.7. Concept of Union, declaration, definition, accessing union members. 3.8. Difference between structures and union .	08
4.	May	File Handling Preprocessor	4.1. Introduction to streams. 4.2. Types of files. 4.3. Operations on text files. 4.4. Standard library input/output functions. 4.5. Random access to files 5.1. Role of Preprocessor 5.2. Format of preprocessor directive 5.3. File inclusion directives (#include) 5.4. Macro substitution directive, argumented and nested macro 5.5. Macros versus functions	08

Signature

Name :

*Nida Ansari*



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YOUTH EDUCATION AND WELFARE SOCIETY'S  
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COMPUTER SCIENCE DEPARTMENT  
TEACHING PLAN 2022-23

**Subject/ Paper:-** Linear Algebra

**Semester:-** Second

**Subject code:**MTC-121

**Class:-**FYBSC(CS)

**Name of Lecturer:** SHAIKH FARHEEN

Sr. No.	Month	Topic	Sub- Topics	No. lectures Assigned
1	March	Unit 1: Vector Spaces	1.1 Vector spaces and subspaces 1.2 Null spaces, column spaces and linear transformations. 1.3 Linearly independent sets : Bases 1.4 Coordinate systems 1.5 The dimension of a vector space 1.6 Rank	10
2	April	Unit 2: Eigen values and Eigen vectors	2.1 Eigen values and Eigen vectors 2.2 The characteristic equation 2.3 Diagonalization 2.4 Eigen vectors and Linear transformations	10
3	May	Unit 3: Orthogonality and Symmetric Matrices	3.1 Inner product, length and orthogonality 3.2 Orthogonal sets 3.3 Orthogonal Projections 3.4 Diagonalization of Symmetric Matrices 3.5 Quadratic forms	10
4	June	Unit 4: The Geometry of vector spaces	4.1 Affine combinations 4.2 Affine independence 4.3 Convex combinations	06

**Reference Books:**

1. Elementary Linear Algebra with supplemental Applications, by Howard Anton and others, Wiley Student Edition, Fourth edition.
2. Matrix and Linear Algebra (aided with MATLAB), by Kanti Bhushan Datta, Eastern Economic Edition, Fourth edition.

  
**SUBJECT TEACHER**



  
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**National Senior College**  
**Nashik-01**



**YOUTH EDUCATION AND WELFARE SOCIETY'S  
NATIONAL SENIOR COLLEGE, NASHIK**  
COMPUTER SCIENCE DEPARTMENT  
TEACHING PLAN 2022-23

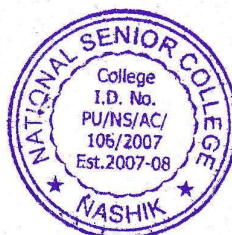
**SUBJECT: INSTRUMENTATION SYSTEM      CODE:ELC 121    Semester: II**


**Name of Teacher: Gunjal Darshana**

Sr. No.	Month	Topic	Sub- Topics	No. of Lecture assigned
1.	Feb.	Introduction to Instrumentation system	1.1. Block diagram of instrumentation system. 1.2. Definition of sensor, 1.3. transducer and actuators. 1.4. classification of sensors: Active and passive sensors. 1.5. Specifications of sensors: Accuracy, range, linearity, sensitivity, resolution, reproducibility.	06
2.	March	Sensor and Actuators	2.1 Temperature sensor (Thermistor, LM-35), 2.2 Optical sensor (LDR), 2.3 Passive infrared sensor (PIR), 2.4. Tilt sensor, 2.5. Ultrasonic sensor, 2.6. Motion sensor, 2.7. Image sensor 2.8. Actuators: DC motor, 2.9. stepper motor	12
3.	April	Smart Instrumentation system and smart sensors	3.1. Block diagram of smart instrumentation system, 3.2. concept of smart sensor, 3.3. Film sensor, 3.4. Nano sensor	06
4.	May	OPAMP as signal conditioner	4.1. Concept, block diagram of OPAMP, 4.2. basic parameters (ideal and practical): input and output impedance, 4.3. bandwidth, 4.4. differential and common mode gain, CMRR, 4.5. Slew rate, IC741/LM324, 4.6. Concept of virtual ground, 4.7. OPAMP as inverting and non inverting amplifier, 4.8. Unity gain follower, 4.9. Opamp as adder . 4.10. subtractor, 4.11. opamp as current to voltage and voltage to current converter, 4.12. Voltage to frequency converter, 4.13. opamp as comparator , 4.14. problems based on above opamp applications.	12

Signature 

Name : Gunjal Darshana



  
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**YOUTH EDUCATION AND WELFARE SOCIETY'S**  
**NATIONAL SENIOR COLLEGE, NASHIK**  
**BOTANY DEPARTMENT**  
**TEACHING PLAN 2022-23**

**Subject:** Plant life and Utilization I  
**Semester :** I

**Code :** (BO 111)  
**Class:** F.Y.B.Sc. (Regular)

**Name of Teacher:** Asst. Prof. Janorkar Sumalya

Sr. No.	Month	Topic	Sub- Topics	No. of Lecture assigned
1.	October	1. INTRODUCTION- 2. ALGAE	<ul style="list-style-type: none"> <li>General outline of plant kingdom (Lower Cryptogams: Thallophytes Algae, Fungi &amp; Lichens; Higher Cryptogams: Bryophytes and Pteridophytes; Phanerogams: Gymnosperms and Angiosperms Dicotyledons and Monocotyledons).</li> <li>Distinguishing characters of these groups and mention few common examples from each.</li> <li>: Introduction General Characters</li> <li>Classification (Bold and Wynne 1978) up to classes with reasons</li> <li>Life Cycle of Spirogyra w.r.t. Habit, Habitat, Structure of thallus, structure of typical cell, Reproduction- Vegetative, Asexual and Sexual, systematic position with reasons</li> <li>Utilization of Algae in Biofuel Industry, Agriculture, Pharmaceuticals Food and Fodder</li> </ul>	12
2.	November	3. LICHENS 4. FUNGI	<ul style="list-style-type: none"> <li>Introduction</li> <li>General Characters</li> <li>Nature of Association, forms- Crustose, Foliose and Fruticose.</li> <li>Utilization of lichens.</li> <li>Introduction</li> <li>General Characters</li> <li>Classification (Ainsworth,</li> </ul>	12



			1973) <ul style="list-style-type: none"> <li>Life Cycle of Mushroom- Agaricus bisporus w.r.t. Habit, Habitat, Structure of thallus, Structure of Sporocarp, Structure of Gill,</li> <li>Reproduction- Asexual and sexual, Systematic position.</li> <li>Utilization of Fungi in Industry, Agriculture, Food and Pharmaceuticals</li> </ul>	
5.	December	5. BRYOPHYTES	<ul style="list-style-type: none"> <li>Introduction</li> <li>General Characters</li> <li>Classification (G.M. Smith 1955)</li> <li>Life Cycle of Riccia w.r.t. Habit, habitat, external and internal structure of thallus,</li> <li>Reproduction- vegetative, asexual and sexual- Structure of sex organs, fertilization, structure of mature sporophyte, structure of spore, systematic position with reasons.</li> <li>Utilization: Bryophytes as ecological indicators, agriculture, fuel, industry and medicine..</li> </ul>	06

**Reference Book:**

1. Ainswarth, Sussman and Sparrow (1973). The Fungi. Vol. IV-A and IV-B. Academic Press
2. Bilgrami, K.S. and Saha, L.C. (1992) A Textbook of Algae. CBS Publishers and Distributors, Delhi..
3. Gangulee, Das and Dutta (2002). College Botany. Vol. I, New Central Book Agency (P) Ltd.

*Sumaiya*  
**SUBJECT TEACHER**



*[Signature]*  
**Sanu Khan.**  
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 BACHELOR OF SCIENCE DEPARTMENT  
 TEACHING PLAN 2022-23

**Subject/ Paper:-** Physical Chemistry

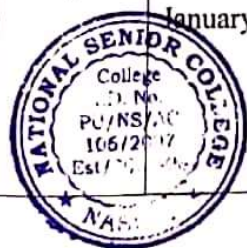
**Code:** (CH101)

**Semester:-** First

**Class:-** FYBSC

**Name of Lecturer:-** Mrs. Bibi Fatema Salman Shaikh

Sr. No.	Month	Topic	Sub- Topics	No. of lectures assigned
1	November	<b>UNIT 1:-</b> Chemical Energetics	1.1 Review of thermodynamics and the Laws of Thermodynamics. 1.2 Important principles and definitions of thermochemistry. 1.3 Concept of standard state and standard enthalpies of formations, integral and differential enthalpies of solution and dilution. 1.4 Calculation of bond energy, bond dissociation energy and resonance energy from thermochemical data. 1.5 Variation of enthalpy of a reaction with temperature – Kirchhoff's equation. 1.6 Statement of Third Law of thermodynamics and calculation of absolute entropies of substances, problems	11
2	December	<b>UNIT 2:-</b> Chemical Equilibrium	2.1 Introduction: Free Energy and equilibrium - Concept, Definition and significance 2.2 The reaction Gibbs Energy, Exergonic and endergonic reaction. 2.3 The perfect gas equilibrium, the general case of equilibrium, the relation between equilibrium constants, Molecular interpretation of equilibrium constant. 2.4 The response of equilibria to conditions- response to pressure, response to temperature, Van't Hoff equation, Value of K at different temperature, Problems	11
3	January	<b>UNIT 3:-</b> Ionic Equilibria	3.1 Strong, moderate and weak electrolytes, degree of ionization, factors affecting degree of ionization, ionization constant and ionic product of water. 3.2 Ionization of weak acids and bases, pH scale, common ion effect. 3.3 Salt hydrolysis-calculation of hydrolysis constant,	10





			degree of hydrolysis and pH for different salts.	
4	February	<b>UNIT 3:-</b> Ionic Equilibria	3.4 Buffer solutions. 3.5 Solubility and solubility product of sparingly soluble salts– applications of solubility product principle. 4.3	04

**Reference Books:-**

1. Ball D. W., Physical Chemistry, Thomson Press , India (2007)
2. Castellan, G.W. Physical Chemistry 4th Ed. Narosa (2004).

  
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YOUTH EDUCATION AND WELFARE SOCIETY'S  
**NATIONAL SENIOR COLLEGE, NASHIK**  
BACHELOR OF SCIENCE DEPARTMENT  
TEACHING PLAN 2022-23

Subject/ Paper: Physics Principles and Applications

Subject Code: PHY-112

Semester: First

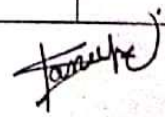
Class: F.Y.B.Sc. (Regular)

Name of Lecturer: Qazi Rida Fatema Mohamed Aejaaz.

Sr. No.	Month	Topic	Sub- Topics	No. of lectures Assigned
1	September	Unit 1: Physics of Atoms	1.1. Introduction to Atom, Atomic Models , Atomic Spectra 1.2 Classical planetary model of Hydrogen Atom 1.3. The Bohr Theory of the Hydrogen Atom, The Hydrogen Spectrum 1.4 Frank-Hertz experiment, Problems.	08
2	October	Unit 2: LASERS and Its Applications	2.1. Introduction to LASERS 2.2. Basic Principle of Lasers: Three Processes, Characteristics of Lasers, Boltzmann Distribution Law 2.3. Population Inversion and Pumping 2.4. Types of Lasers: He-Ne Laser, Ruby Laser, Applications of Lasers, Problems.	07
3	October	Unit 3: Physics of Molecules	3.1. Introduction to Bonding Mechanisms 3.2. Forces between Atoms 3.3. Types of Bonding: 3.4. Rotation energy levels & Vibration energy levels of a diatomic molecule, Problems.	08
4	November	Unit 4: Sources of Electromagnetic Waves	4.1. Introduction to Electromagnetic Waves 4.2. Electromagnetic spectrums and its sources 4.3. Production of electromagnetic waves: Hertz experiment, Plank's hypothesis of Photons 4.4. Applications of various waves in EM spectrum	06
5	December	Unit 5: Applications of Electromagnetic Waves	5.1. Microwave oven, Radar, Pyroelectric thermometer, X-ray radiography, CT Scan, Solar cell and its types 5.2. Problems.	07

  
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Youth Education and Welfare Society's  
**National Senior College, Nashik**  
 Regular Science Department  
 Teaching plan 2022-23

**Subject/ Paper:-** Animal Diversity I

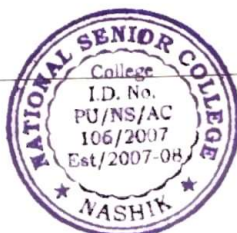
**Subject code:** ZO- 111

**Semester:-** First

**Class:-** FYBSC(Regular)

**Name of Lecturer:** Shah kulsum

Sr. No.	Month	Topic	Sub- Topics	No. lectures Assigned
1	September	1. Principles of Classification:	1.1 1.1 Taxonomy: Basic terminology and Introuction 1.2 Systematics: definition introduction 1.3 Linnaean system of classification (Six level classification: Phylum, class, order, family, genus, species) 1.4 Concept of Species: Biological & Evolutionary 1.5 Introduction to Binomial Nomenclature. 1.5 Introduction to Binomial Nomenclature.	05
2	October	General Features of kingdom Animalia	2.1 General characters of Kingdom Animalia, Grades of organization 2.2 Symmetry	02
3	October	3. Kingdom Protista (Phylum: Protozoa)	3.1 Introduction to Phylum Protozoa 3.2 Salient features of Phylum Protozoa 3.3 Classification of Phylum Protozoa up to classes with two examples of each class (names only). Class Rhizopoda (e.g :Entamoeba histolytica, Arcella), Class Mastigophora (e.g: Euglena viridis, Trypanosoma gambiense), Class Ciliata (e.g Paramoecium caudatum, Opalina ranarum), Class Sporozoa (e.g Plasmodium vivax, Toxoplasma gondii) 3.4 Locomotion in Protozoa: Amoeboid, Ciliary and Flagellar with suitable examples 3.5 Type Study: Paramecium caudatum: Classification, Habit and Habitat, External morphology, Feeding and digestion, Excretion, Reproduction (binary fission and conjugation) 3.6. Economic importance of Protozoa (three harmful and one useful protozoan)	07
4	November	4. Origin of Metazoa	4.1 Introduction Origin and importance of Metazoa	01







Youth Education and Welfare Society's  
National Senior College, Nashik  
Commerce Department

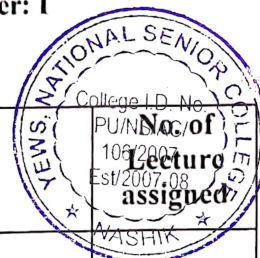
Teaching Plan Academic Year 2022-23

Subject: Computer Concepts and Application – I

Code: 114 (B)

Semester: I

Name of Teacher: Asst. Prof. Zahir Shaikh




Sr. No	Month	Topic	Sub- Topics	
1	August	<b>Unit-1</b> Introduction to Computer and Operating system	<b>Introduction to Computer</b> Definition, Block Diagram, Computer Hierarchy, (Classification), Characteristics of Computer <b>Computer System Hardware</b> Computer Memory Input and Output Devices <b>Definition – Software</b> Software Types - System Software, Application Software <b>Definition of Operating System</b> Types of Operating Systems, Functions of Operating Systems  <b>Working with Windows Operating System:</b> Introduction, The Desktop, Structure of Windows, Windows Explorer, File and Folder Operations, The Search, The Recycle Bin, Adding or Removing New Programs using, Control Panel, Applications in windows (Paint, Notepad, WordPad, and Calculator) <b>Introduction to Free and Open Source Software</b> <b>Definition of Computer Virus</b> , Types of Viruses, Use of Antivirus software.	12
2.	September	<b>Unit-2</b> Office Automation Tools	Definition of Information Technology (IT) Benefits of Information Technology (IT) Applications of Information Technology (IT) <b>Office automation tools</b> <b>MS-Word:</b> Introduction, Starting MS-Word, MS-Word Screen and its Components, Elementary Working with MS-Word <b>MS-Excel:</b> Introduction, Starting MS-Excel, Basics of Spread sheet, MS-Excel Screen and Its Components, Elementary Working with MS-Excel <b>MS-PowerPoint:</b> Introduction, Starting MS-PowerPoint, Basics of PowerPoint, MS-PowerPoint Screen and Its Components, Elementary Working with MS PowerPoint <b>Data Processing:</b> Files and Records, File Organization (Sequential, Direct/Random, Index )	12

3.	October	<b>Unit-3</b> Introduction to Computer Network	<p>Introduction Importance of Networking Computer Network (LAN, WAN, MAN)</p> <p>Network Components (Hub, Switch, Bridge, Gateway, Router, Modem) Network Topology, Wireless Network Internet and Internet application Introduction, Internet evolution, Working of Internet, Use of Internet Overview of World Wide Web (Web Server and Client) Introduction to Search engine and Searching the Web, Downloading files, Introduction to Web Browsers, Working with E-mail (creation and use of the same) Introduction to Internet Security Security, Privacy, Ethical Issues &amp; Cyber Law</p>	12
4.	October/ November	<b>Unit-4</b> Computer applications in Commerce	<p><b>Computer Applications in Business – Need and Scope</b> Computer Applications in various fields of Commerce: Personnel Administration, Accounting, Cost and Budgetary Management, Purchasing, Banking, Insurance and Stock-broking, egovernance <b>E-Commerce</b> Defining e-Commerce, Main Activities of Electronic Commerce, Benefits of E-Commerce; Broad Goals of Electronic Commerce; Main Components of E-Commerce; Functions of Electronic Commerce – Communication, Process Management, Service Management, Transaction Capabilities;</p>	12

#### Reference Books

1. Computer Fundamentals by: Anita Goel, Pearson Education India ISBN: 9788131742136
2. Connecting with Computer Science, by Greg Anderson, David Ferro, Robert Hilton, Course Technology, Cengage Learning, ISBN: 9781439080351



Signature

Asst. Prof. Zahir H. Shaikh



  
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