



LOKNETE DR. BALASAHEB VIKHE PATIL
(PADMA BHUSHAN AWARDEE)
PRAVARA RURAL EDUCATION SOCIETY

ARTS, SCIENCE & COMMERCE COLLEGE
KOLHAR

Tal. Rahata, Dist. Ahmednagar, Pin - 413 710
NAAC Accredited at 'A' Grade with CGPA 3.10

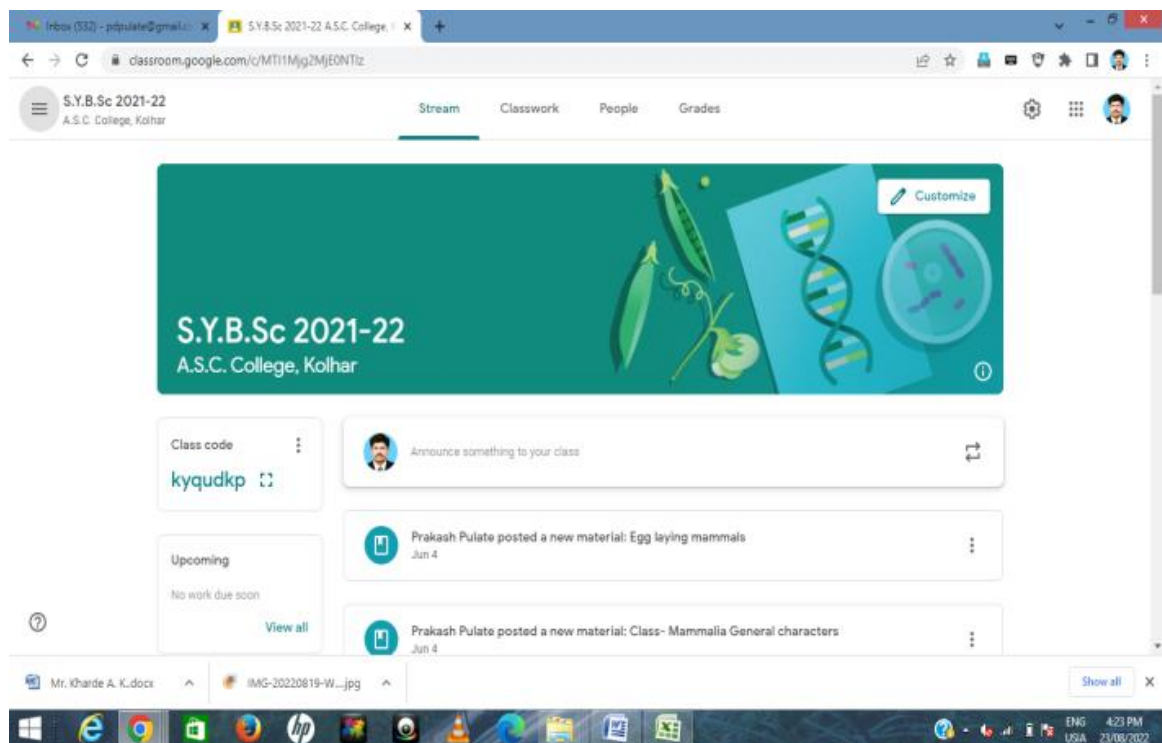
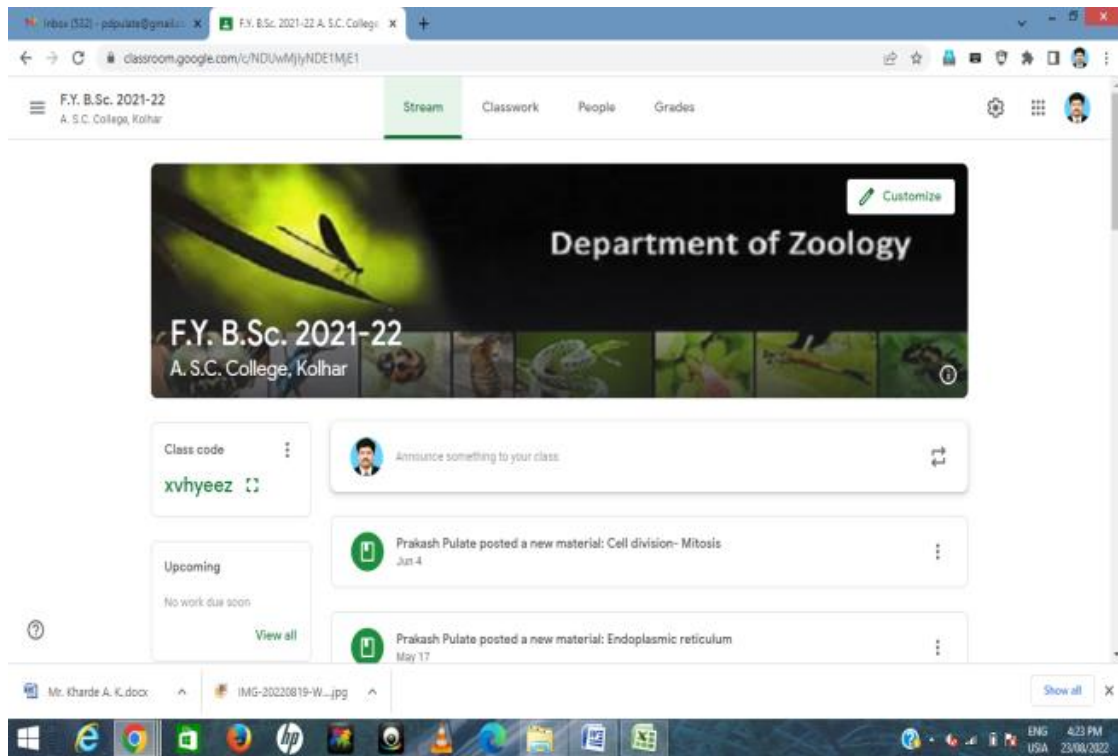
2.3.2 Teachers use ICT enabled tools for an effective teaching-learning

The College has been emphasizing ICT tools for effective Teaching –Learning process. The ICT enabled facilities of the institute boost up the effective teaching-learning process and every teacher prepared the teaching material e-contents viz., PPTs, and tests through ICT tools and for their delivery.

Teachers use zoom meeting for conducting online lectures. Online tests are conducted by using Google forms.

- College organized online Interdisciplinary International Conference on “Recent advances in Humanities, Commerce and Sciences” on 10th Feb. 2022.
- Department of Chemistry organized online webinar on “Career Opportunities in Chemistry after BSc and MSc” on 9th Sept. 2021.
- Department of Chemistry in Collaboration with Shodh Advantech organized online 15 days training programme for M.Sc.-II Students.
- Department of Commerce organized online guest lecture on career opportunities after graduation on 25th March 2022.
- Science association organized online Quiz competition on 28th Feb. 2022 on the occasion of Science Day.

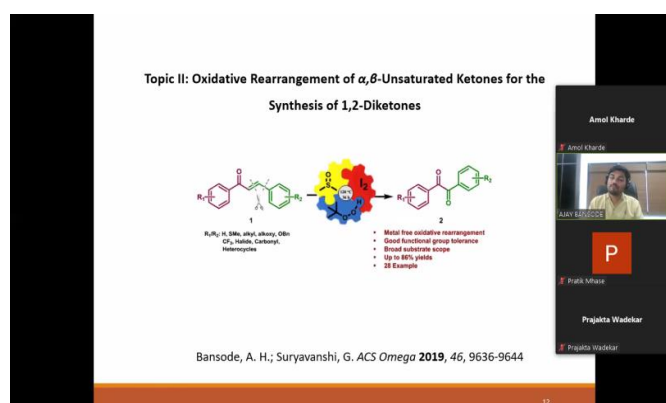
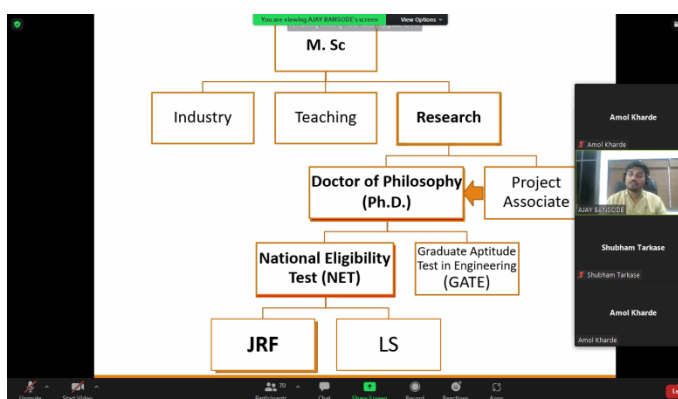
Loknete Dr. Balasaheb Vikhe Patil (Padmabhushan Awardee)
Pravara Rural Education Society's
Arts, Science and Commerce College, Kolhar
Google Classroom Screenshots



Loknete Dr. Balasaheb Vikhe Patil (Padmabhushan Awardee)
Pravara Rural Education Society's
Arts, Science and Commerce College, Kolhar
Training Programme Conducted through Zoom Meeting



International Conference organized through Zoom Meeting



Online webinar on “Career Opportunities in Chemistry after BSc and MSc” organized through Zoom Meeting



Online Training Programme “Career Opportunities after Graduation” organized through Zoom meeting

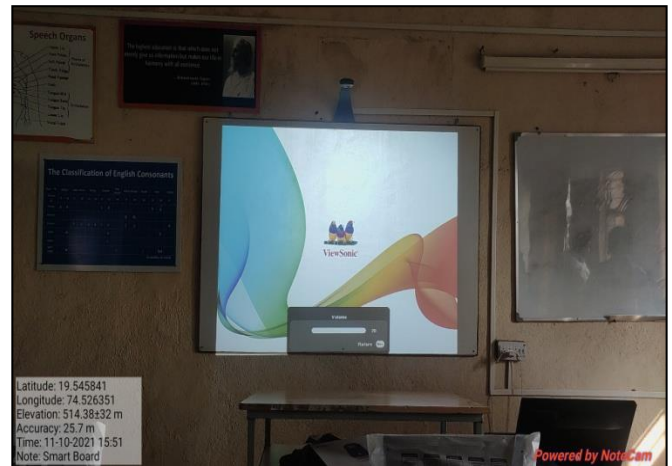


Department of Chemistry in Collaboration with Shodh Advantech organized online 15 days training programme for M.Sc.-II Students.

Teachers uses ICT Tools for effective Teaching and Learning



Dr. S. N. Dalimbe Sir Delivering Lecture using LCD Projector



Smart Board in Language Lab



Dr. P. D. Pulate Sir Delivering Lecture using LCD Projector



Mr. S. B. Dighe Sir Delivering Lecture using LCD Projector



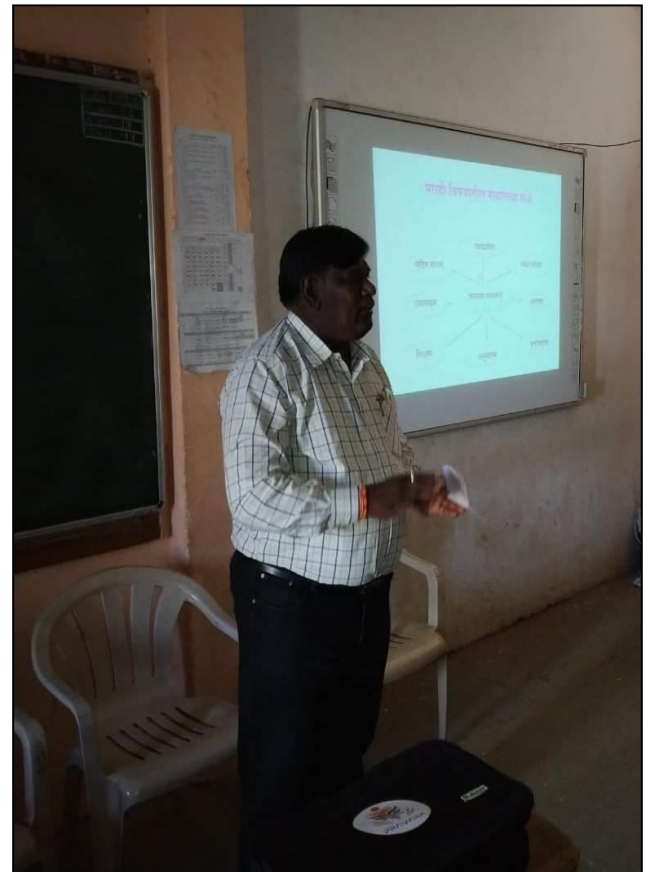
Miss. A. N. Shinde Madam Delivering Lecture using LCD Projector



Mr. P. S. Auti Sir Delivering Lecture using LCD Projector



Dr. A. A. Aher Madam Delivering Lecture through Online Mode



Dr. C. D. Rudraksh Delivering Lecture using LCD Projector



Principal
Principal
I/c PRINCIPAL
Arts, Science & Commerce College
Kolhar, Tal. Rahata, Dist. Ahmednagar.

Online Test Conducted through Google Form

Sr. No.	Class	Subject	Date of online Test	Google form link
1.	एफ. वाय. बी. कॉम (सेमिस्टर - १)	व्यावसायिक अर्थशास्त्र (सूक्ष्म) -१	23/01/2022	https://docs.google.com/forms/d/e/1FAIpQLSf0A6XuPxAILBVKuzZ9CL3N6qm6EtA_WvXOQx-cUpDJvhIIjw/viewform?usp=pp_url
2.	एस. वाय. बी. कॉम (सेमिस्टर - ३)	व्यावसायिक अर्थशास्त्र (समग्र लक्ष्य) -१	24/01/2022	https://docs.google.com/forms/d/e/1FAIpQLSe73A3HTBJ-LaNYE_MuhKwKnjEufXOVg_IeYD17CK3un-XaPA/viewform?usp=pp_url
3.	टी. वाय. बी. कॉम (सेमिस्टर - ५)	भारतीय आणिक जागतिक आर्थिक विकास - १	24/01/2022	https://docs.google.com/forms/d/e/1FAIpQLSef71_9QsAOg2k_bQXRcvAsKRkV0HB4xqHohzWOsVTRjI9_sQ/viewform?usp=pp_url
4.	T.Y.B.Sc.	Physical Chemistry	17/01/2022	https://forms.gle/d2HGyp1sEFKGmmdT7
5.	T.Y.B.Sc.	Physical Chemistry	27/01/2022	https://forms.gle/frwQzJT7tzkgqv8E7
6.	T.Y.B.Sc.	Organic Chemistry	21/01/2022	https://forms.gle/cDrKfLtUs6D84mDf9
7.	T.Y.B.Sc.	Organic Chemistry	29/01/2022	https://forms.gle/xRHCKYtCwihUdAMj8
8.	T.Y.B.Sc.	Physical Chemistry Practical	01/02/2022	https://forms.gle/uBQvHVubjEqJcbQF7
9.	M.Sc. II	Skill Development	10 Feb 2022	https://forms.gle/9UND7joqwRugiv8u7
10.	M.Sc. II	CHA 492	10/7/2021	https://forms.gle/9QKtLMDFwxy4uwDt9
11.	M.Sc. II	Skill Development	11/7/2021	https://forms.gle/qREyChNzuK4kq4oH8
12.	M.Sc. II	CHA 493	12/7/2021	https://forms.gle/fCpsYcZxiTR7tTuL8
13.	M.Sc. II	CHA 494	13/7/2021	https://forms.gle/B7KrMUEonEuDxGz76
14.	M.Sc.-I	CHP-227	08/06/2022	https://forms.gle/jE8ANG3YHUvBrr7
15.	TYBCO M	Marketing Management II part I (Marathi Medium)	27/01/2022	https://docs.google.com/forms/d/1pxXDC-OKaJNGj9KhELNOXN_YljhZHKGM75NY_bMNCX4/edit
16.	TYBCO M	Marketing Management II part I (English Medium)	27/01/2022	https://docs.google.com/forms/d/1eVtCacTeZusOo4KUfiweIj_EaEQVukALhXsMFLWsjk0/edit
17.	SYBCO M	Business Communication I	24/01/2022	https://docs.google.com/forms/d/1i9F5_k76AJPT8XeS3-hMgFreDG4mKmcPbQd2WRu9l84/edit
18.	M.Com I	Strategic Management	30/01/2022	https://docs.google.com/forms/d/1ugOdTomKTQLBF1QOVWJuG2crgsvoKD89rggXcJ29N0g/edit
19.	M.Com II	Research Methodology for Business	31/01/2022	https://docs.google.com/forms/d/1nclAlbpG08s2vIxudYZVXSVDtB9MNHnNcpsqgY7V0Rtw/edit
20.	M.Com II	Business Finance	30/01/2022	https://docs.google.com/forms/d/1CON8I9FlwTtcGHYPxOTOlziUQapP9luP66rTucCqpj4/edit



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E-resources with remote access

Sr.No	Particulars	Link
1.	NLIST	https://nlist.inflibnet.ac.in/
2.	e-PG pathshala	https://epgp.inflibnet.ac.in/
3.	PDF Drive for Books	https://www.pdfdrive.com/
4.	National Digital Library	https://ndl.iitkgp.ac.in/
5.	Science Direct Open Access	https://www.sciencedirect.com/book/9781843342038/open-access
6.	NPTEL	https://finptel.ac.in
7.	NCERT Text Books	http://ncert.nic.in/textbook/textbook.htm
8.	Directory of Open Access Books	https://www.doabooks.org/
9.	Directory of Open Access Journals	https://doaj.org/
10.	SWAYAMPRAKASH	https://www.swayamprabha.gov.in
11.	Vidwan	https://vidwan.inflibnet.ac.in/
12.	Springer Open Journals	https://www.springeropen.com/journals
13.	Taylor & Francis Open Access	https://www.tandfonline.com/openaccess
14.	Open Access Thesis & Dissertations	https://oatd.org/
15.	Project Gutenberg	https://dev.gutenberg.org/
16.	Wiley Open Access	https://authorservices.wiley.com/open-research/open-access/browse-journals.html
17.	Shodhganga- a reservoir of Indian theses	https://shodhganga.inflibnet.ac.in/
18.	Shodhgangotri	https://shodhgangotri.inflibnet.ac.in/
19.	NISCAIR	http://www.niscair.res.in/
20.	Open Access Library	https://www.oalib.com/
21.	Census of India	https://censusindia.gov.in/
22.	Rare Book Room	http://www.rarebookroom.org/
23.	NDLTD (Networked Digital Library of Thesis and Dissertation)	http://www.ndltd.org/
24.	E Sahitya	http://www.esahitya.com/
25.	Marathi Vishwakosh	https://vishwakosh.marathi.gov.in/
26.	Vidyamitra	https://content.inflibnet.ac.in/
27.	Krushikosh	https://krushikosh.egranth.ac.in/
28.	WEB OPAC	http://prec-koha.informindia.co.in/



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List of PPTs/e-content

Department of English

Sr. No.	Name of the e-content	Class	Paper
1.	FY Com. Eng. Lesson 1	FYBA	Compulsory English
2.	FY Com. Eng. Lesson 2	FYBA	Compulsory English
3.	FY Com. Eng. Lesson 3	FYBA	Compulsory English
4.	FYBA Com. E Poem 3	FYBA	Compulsory English
5.	FY Com. Eng. Punctuation	FYBA	Compulsory English
6.	Fy Com Eng. Capitalization	FYBA	Compulsory English
7.	FY Com Eng Sem 1- Intro	FYBA	Compulsory English
8.	FY 21 Sem 1- Communication Skills	FYBA	Compulsory English
9.	FY Com. E. Sem 1- Asking for directions	FYBA	Compulsory English
10.	Fy Com. E Sem 1- Apologizing	FYBA	Compulsory English
11.	S 1 - Intro to Shaw & Play	SYBA	Special English - 1
12.	SY S 1 Arms and the Man Act 1	SYBA	Special English - 1
13.	SY S 1 Arms and the Man Act 2	SYBA	Special English - 1
14.	SY S 1 Arms and the Man Act 3	SYBA	Special English - 1
15.	S1- Intro to The Fire and The Rain - Girish Karnad	SYBA	Special English - 1
16.	SY S1- 1-The Fire-Alterations & Prologue	SYBA	Special English - 1
17.	SY S1 The Fire and the Rain- Summary & Analysis	SYBA	Special English - 1
18.	SY S 1- Dramatic Devices in the Fire & the Rain	SYBA	Special English - 1
19.	SY S1- The Fire- Symbol	SYBA	Special English - 1
20.	SY S1 The Fire- Themes	SYBA	Special English - 1
21.	SY - S-2 Elements of Poetry	SYBA	Special English - 2
22.	SY S-2 Poetic Devices	SYBA	Special English - 2
23.	SYBSc Eng 20-21 syl & Lesson 1	SYBSc	English
24.	SYBSc Eng Poem 1	SYBSc	English
25.	SYBSc Eng Poem 2	SYBSc	English
26.	SYBSc Sem 3 - Unit 3 - 3- Personal Interview	SYBSc	English
27.	SYBSc Sem 3- Unit 3- 3.2 Group Discussion	SYBSc	English
28.	SYBSc Sem 4 Lesson 1	SYBSc	English
29.	SYBSc Sem 4 Poem 1	SYBSc	English
30.	SYBSc Sem 4 Poem 2	SYBSc	English
31.	SYBSc - Agenda	SYBSc	English
32.	SYBSc - Minutes	SYBSc	English
33.	SYBSc - Content Writing	SYBSc	English
34.	SYBSC - SWOC Analysis	SYBSc	English

35.	SYBSc - Goal Setting	SYBSc	English
36.	SYBSc - Project Management	SYBSc	English
37.	SYBSc Soft Skills	SYBSc	English
38.	SYBSc Writing Skills - Notice	SYBSc	English
39.	Ty S3 Characteristics of a Novel	TYBA	Special English – 3
40.	TY S-3 More Elements & Types of Novel	TYBA	Special English – 3
41.	ssd ty 1 S3 Revised Novel history & dev	TYBA	Special English – 3
42.	ssd ty 2 novel	TYBA	Special English – 3
43.	SsD ty 3 18th cent. Novels	TYBA	Special English – 3
44.	SsD ty 4 19th & 20th Cent. Novels	TYBA	Special English – 3
45.	TY S3 Elements of Novel	TYBA	Special English – 3
46.	TY S3 More types of Novel	TYBA	Special English – 3
47.	TY S3 final Types of Novel	TYBA	Special English – 3
48.	TY S 3 Animal Farm Intro & background	TYBA	Special English – 3
49.	TY S3 AF 1	TYBA	Special English – 3
50.	TY S3 AF 2	TYBA	Special English – 3
51.	TY S3 AF 3	TYBA	Special English – 3
52.	TY S3 AF 4	TYBA	Special English – 3
53.	TY S3 AF 5	TYBA	Special English – 3
54.	TY S3 AF 6	TYBA	Special English – 3
55.	TY S3 AF 7	TYBA	Special English – 3
56.	TY S3 AF 8	TYBA	Special English – 3
57.	TY S3 AF 9	TYBA	Special English – 3
58.	TY S3 AF 10	TYBA	Special English – 3
59.	TY S 3 Guide- Intro	TYBA	Special English – 3
60.	TY Com. E Lesson 5	TYBA	Compulsory English
61.	TY Com. E Lesson 6	TYBA	Compulsory English
62.	TY Com. E Lesson 7	TYBA	Compulsory English
63.	TY Com. E Lesson 8	TYBA	Compulsory English
64.	TY Com. E Poem 13	TYBA	Compulsory English
65.	TY Com. E Poem 14	TYBA	Compulsory English
66.	TY Com. E Poem 15	TYBA	Compulsory English
67.	TY Com. E Poem 16	TYBA	Compulsory English
68.	TY Com. E Presentation Skills	TYBA	Compulsory English
69.	TY Com. E Soft Skills	TYBA	Compulsory English
70.	TY Poem	TYBA	Compulsory English
71.	TY- Lesson 3-Retrieved reformation	TYBA	Compulsory English
72.	TY Com. Lesson 4	TYBA	Compulsory English
73.	SY S2 Odes & dramatic monologue	SYBA	Special English – 2
74.	SY S2 – Sidney	SYBA	Special English – 2
75.	SY S2-Sonnet 3-Shakespeare	SYBA	Special English – 2
76.	SY S2 – Donne	SYBA	Special English – 2
77.	SY S2 London	SYBA	Special English – 2



Head

Department of English
Arts, Science and Commerce College, Kolhar

DEPARTMENT OF MARATHI
PPT & E-CONTENT

Sr. No	Class	Subject	Name Of The Course	Subject Code
PPT				
1	FYBCOM	G	भाषा आणि कौशल्यविकास	117 & 127
2	SYBA	SEC	उपयोजित लेखनकौशल्ये	24025
3	TYBA	SEC	कार्यक्रम संयोजनातील भाषिक कौशल्ये: भाग-१ व २	35025 & 36025
E-CONTENT				
1	FYBA	G-1	भाषिक कौशल्य (संवाद कौशल्ये भाग-१& २)	11021 & 11022
2	SYBA	G-2	भाषिक कौशल्यविकास आणि आधुनिक साहित्यप्रकार: कादंबरी	23023
3	TYBA	G-3	भाषिक कौशल्यविकास आणि आधुनिक मराठी साहित्यप्रकार: कविता	36023


Head
Department of Marathi
Arts, Science and Commerce College, Kolhar

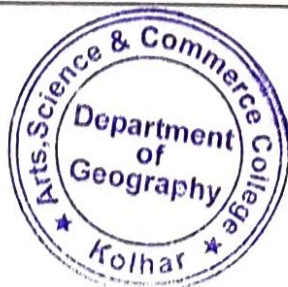
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ARTS, SCIENCE AND COMMERCE COLLEGE KOLHAR

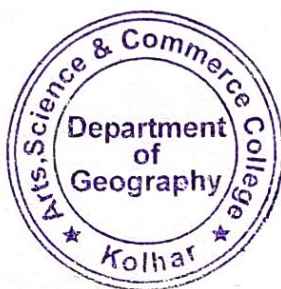
Department of Geography

PPT/ e-content

Sr. No.	Name of the e-content	Class	Paper
1.	Introduction to Physical Geography	FYBA	G1
2.	Lithosphere	FYBA	G1
3.	Atmosphere	FYBA	G1
4.	Hydrosphere	FYBA	G1
5.	Introduction to Human Geography	FYBA	G1
6.	Population	FYBA	G1
7.	Settlements	FYBA	G1
8.	Agriculture	FYBA	G1
9.	Cartographic Techniques, Surveying and Excursion Report	SYBA	S2
10.	Choropleth Maps	SYBA	S2
11.	Definition, Types and Classification of Surveying	SYBA	S2
12.	Floe Diagram or Chart	SYBA	S2
13.	GPS Survey	SYBA	S2
14.	GPS Plotting	SYBA	S2
15.	Isopleth Method	SYBA	S2
16.	Line Graph	SYBA	S2
17.	Pie Diagram	SYBA	S2
18.	Plane Table Survey	SYBA	S2
19.	Simple Bargraph	SYBA	S2
20.	Disaster Management	SYBA	G3
21.	Techniques of Representation of data	SYBA	S2
22.	Types of North Direction	SYBA	S4
23.	Population Geography Topic5	SYBA	G3
24.	Population Geography Topic6	SYBA	G3
25.	Population Geography Topic7	SYBA	G3
26.	Population Geography Topic8	SYBA	G3
27.	Chi- Square Test	TYBA	S4
28.	Correlation Spearman Method	TYBA	S4
29.	Geographical data	TYBA	S4
30.	Hypothesis Types	TYBA	S4
31.	Mean Deviation	TYBA	S4
32.	Measures of Central Tendency Mean	TYBA	S4
33.	Measures of Central Tendency Mode	TYBA	S4
34.	Measures of Central Tendency Median	TYBA	S4
35.	Methods of Representation of Relief	TYBA	S4
36.	Physical Geography of India	TYBA	G3
37.	Pearson's Correlation Coefficient Method	TYBA	S4
38.	Reading of Indian Daily Weather Report	TYBA	S4
39.	Relief	TYBA	S4



40.	Representation of Relief	TYBA	S4
41.	SOI Toposteets Greed Reference	TYBA	S4
42.	Types of SOI Toposheets	TYBA	S4
43.	Spearman's Rank Order Correlation Method	TYBA	S4
44.	Standard Deviation	TYBA	S4
45.	Student's "T" Test	TYBA	S4
46.	Classification of Toposheets	TYBA	S4
47.	Weather Map Isobars and Isobaric Patterns	TYBA	S4
48.	Weather Map Reading Rainy Season	TYBA	S4
49.	Weather Map Sings and Symbols	TYBA	S4
50.	SEC Research Methodology- I	TYBA	SEC
51.	SEC Research Methodology- II	TYBA	SEC




HOD
Geography
 Department of Geography
 Arts, Science & Commerce College, Kolhar

Department of History

Sr. No,	PPT subject	Class	Subject Name
1	Ahoka and his policy	FY B.A	Early India: From prehistory to the Age of the mauryas
2	Harappan Culture	FY B.A	History of the world in 20 century
3	Rajmata jijabai	SY B.A	History of the Marathas
4	Sources and Rise of the Maratha power	SY B.A	History of the Marathas
5	Administration under Chatrapati Shivaji Maharaj	SY B.A	History of the Marathas
6	Non-Alignment	TY B.A	History of the world in 20 century
7	Russian Revolution	TY B.A	History of the world in 20 century


Head
Department of History
Arts, Science and Commerce College, Kolhar

Department of Economics

Sr. No.	Class	Subject	Topic
1	FYBCOM	Business Economics (Micro)	वाजार रचना
2	FYBCOM	Business Economics (Micro)	Cost and revenue
3	SYBCOM	Business Economics (Macro)	Business Cycle
4	SYBCOM	Business Economics (Macro)	राष्ट्रीय उत्पन्न
5	SYBCOM	Business Economics (Macro)	स्थूल अर्थशास्त्राचा उदय, अर्थ व वैशिष्ट्ये
6	SYBCOM	Business Economics (Micro)	Money market
7	TYBCOM	Indian & Global Economic Development	challenges to Indian economy
8	TYBCOM	Indian & Global Economic Development	Difference between Economic Development & Growth
9	FYBA	Indian Economic Environment	Factors affecting Economic Environment
10	FYBA	Indian Economic Environment	Introduction
11	FYBA	Indian Economic Environment	आर्थिक पर्यावरण
12	SYBA	Financial System	Budget2022_23
13	SYBA	Financial System	RBI
14	SYBA	Financial System	सार्वजनिक आयव्यय
15	TYBA	Indian Economic Development	आर्थिक विकास आणि नियोजन

Head
Department of Economics
Arts, Science and Commerce College, Kolhar

Department of Politics

Sr. No.	Name of the Course	PPT/ e-content	Class
1.	Introduction to Indian Constitution	PPT	FYBA
2.	An Introduction to Political Ideologies	PPT	SYBA
3.	Local Self Government in Maharashtra	PPT	TYBA
4.	Government and Politics of UK & USA	PPT	SYBA
6.	Political Process of India	PPT	FYBA
7.	Panchyatraj/Gramprashasan	PPT	Competitive Exam

Autip S
Mr. P. S. Auti

Head of Department
Department of Political Science
Arts, Science & Commerce College, Kolhar

Department of Commerce

Sr. No.	Name of the e-content	Class
1.	Entrepreneurship Development	F.Y.B.Com
2.	Process of Communication	S.Y.B.Com
3.	Importance of Communication	S.Y.B.Com
4.	Methods of Communication	S.Y.B.Com
5.	Channels of Communication	S.Y.B.Com
6.	Barriers to Communication	S.Y.B.Com
7.	Importance of Soft Skill	S.Y.B.Com
8.	Accounting Standards	S.Y.B.Com
9.	Company Final Account	S.Y.B.Com
10.	Understanding the needs, desires and demands in Marketing	T.Y.B.Com
11.	Business Ethics and Professional Values	M.Com I
12.	Research Methodology for Business	M.Com II
13.	Accounting Standard	FY B.com
14.	Management Thinkers	SY B.com
15.	Management Function	SY B.com
16.	A.H. Maslows Theory	SY B.com
17.	Structure of Indian Banking System	SY B.com
18.	Functions of RBI	SY B.com
19.	Indian contract Act	TY B.com
20.	Intelligent property right Act	TY B.com
21.	Impact of e-commerce on traditional marketing and business	F.Y.B.Com.
22.	Company Ltd. By Share	SY B.com
23.	Foreign Direct Investment	T.Y.B.Com
24.	Goods and Service Tax	M.Com I
25.	Impact of E-Commerce on Traditional Marketing	SY B.com
26.	Private Companies	SY B.com
27.	Small Companies	SY B.com
28.	Foreign Exchange Market	T.Y. B.Com
29.	FUNCTIONS OF OTHER NBFIS	T.Y. B.Com
30.	Parkiya Chalan Niyanttranachya padhatti	T.Y. B.Com
31.	Parkiya vinimai bajaratil vyavahar	T.Y. B.Com
32.	Bharatatil vittiya bajar ani sanstha	M.Com - I
33.	Bhartiya parkiya vinimai bajarachi karye	M.Com - I
34.	Mutual fundachye fayade	M.Com - II
35.	Vinimai dar nishitiche multatve	M.Com - II
36.	Foreign Direct Investment	F.Y. B.Com
37.	Industrial Economics Introduction and Concepts	S.Y. B.Com
38.	Vastu v seva karachya sambhavyata ani samasya	S.Y. B.Com



Head

Department of Commerce
Arts Science and Commerce College, Kolhar

Department of Chemistry

Sr. No	Topic of PPT/ e content	subject	Class
1	Acid –Base PPT	Organic Chemistry	T.Y.B.Sc.
2	Nucliophilic Substitution reaction	Organic Chemistry	T.Y.B.Sc.
3	Nucliophilic Substitution reaction(SN ₁ & SN ₂ reaction mechanism)	Organic Chemistry	T.Y.B.Sc.
4	Elimination reaction	Organic Chemistry	T.Y.B.Sc.
5	Indicators	Physical Chemistry	S.Y.B.Sc.
6	Soap ,Detergent and cosmetic	Industrial chemistry	T.Y.B.Sc.
7	Sugar and fermentation	Industrial chemistry	T.Y.B.Sc.
8	Pollution prevention and waste management	Env/Green chemistry	T.Y.B.Sc.
9	Green house Effect and global Warming	Env/Green chemistry	T.Y.B.Sc.
10	Chromatography	Analytical chemistry	T.Y.B.Sc.
11	Atomic absorption spectroscopy	Analytical chemistry	T.Y.B.Sc.
12	High performance liquid chromatography	Analytical chemistry	T.Y.B.Sc.
13	Pollution prevention and waste management	Env/Green chemistry	T.Y.B.Sc.
14	Green house Effect and global Warming	Env/Green chemistry	T.Y.B.Sc.
15	Molecular Orbital Theory	Molecular Orbital Theory of Covalent Bonding	S.Y.B.Sc.
16	Chemistry of Coordination Compounds	Introduction to Coordination Compounds	S.Y.B.Sc.
17	Chemistry of Aromatic Hydrocarbons	Aromatic Hydrocarbons	S.Y.B.Sc.
18	Chemistry of Alkyl and Aryl Halides	Alkyl and Aryl Halides	S.Y.B.Sc.
19	Energy level diagram for homonuclear diatomic molecules, Bond order and existence of molecule from bond order, Energy (β) and magnetic behavior for different homo-nuclear and di-nuclear molecules	Molecular Orbital Theory	T.Y.B.Sc.
20	Coordination Chemistry	Coordination Chemistry	T.Y.B.Sc.
21	Chemistry of Carbocation, Carbanion, Free radicals, Carbenes and nitrenes.	Structure, Stability and Reactions of Reactive Intermediates	M.Sc.-I
22	Some important Rearrangements	Rearrangements	M.Sc.-I
23	Chemistry of Sulfur, Phosphorus and Nitrogen Ylides	Ylides	M.Sc.-I
24	Thermodynamic-2 Quantum chemistry-2 Valance bond theory-2	CHP-110 physical chemistry	M.Sc. I
25	Extraction techniques-3	CHA-391 Analytical	M.Sc. II

		Extraction techniques	
26	1.Mass Spectroscopy-2 2.Gass Chromatography-3	CHA-392 Advanced chromatographic method of analysis	M.Sc. II
27	Molecular Symmetry	CHI-130 Inorganic Chemistry	M.Sc. I
28	Molecular symmetry	CHI-130 Inorganic Chemistry	M.Sc. I
29	Protein	CHA-393	M.Sc. II
30	Carbohydrate	CHA-393	M.Sc. II
31	Fertilizer	CHA-492	M.Sc. II
32	Soil Analysis	CHA-492	M.Sc. II
33	Dissolution Studies	CHA-393	M.Sc. II
34	Dissolution Apparatus	CHA-393	M.Sc. II
35	Dissolution Properties	CHA-393	M.Sc. II
36	Ash Analysis	CHA-393	M.Sc. II
37	Lipid	CHA-393	M.Sc. II
38	Standard Deviation	CHA-391	M.Sc. II
39	Environment Introduction	Skill Development	M.Sc. II
40	Pollution	Skill Development	M.Sc. II
41	1985 Narcotics Drug Act	CHA-391	M.Sc. II
42	Lab Softy	Skill Development	M.Sc. II
43	Pesticide	CHA-492	M.Sc. II
44	Errors	CHA-391	M.Sc. II
45	Pharmaceutical Ingredients	CHA-491	M.Sc. II
46	Chromatographic Techniques	Analytical Chemistry	F.Y.B.Sc.
47	Introduction to Analytical Chemistry	Analytical Chemistry	F.Y.B.Sc.
48	Qualitative Analysis of Organic Compounds	Analytical Chemistry	F.Y.B.Sc.
49	Oxidation and Reduction Reactions	CHO-150	M.Sc.-I
50	Structure, Stability and Reactions of Reactive Intermediates	CHO-150	M.Sc.-I
51	Atmosphere and Air Pollution	Environmental Chemistry	T.Y.B.Sc.
52	Concepts and Scopes of Environmental Chemistry	Environmental Chemistry	T.Y.B.Sc.
53	f-Block Elements	Inorganic Chemistry	T.Y.B.Sc.


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DEPARTMENT OF PHYSICS

PPT/E-CONTENT

Sr.No.	Name of The E-Content	Class	Paper
1.	Carnot Cycle PPT	F.Y.B.Sc.	PHY121 HEAT AND THERMODYNAMICS
2.	Diesel Engine	F.Y.B.Sc.	PHY121 HEAT AND THERMODYNAMICS
3.	Heat Energy	F.Y.B.Sc.	PHY121 HEAT AND THERMODYNAMICS
4.	Energy conservation	F.Y.B.Sc.	PHY121 HEAT AND THERMODYNAMICS
5.	Laws of Thermodynamics	F.Y.B.Sc.	PHY121 HEAT AND THERMODYNAMICS
6.	Thermodynamics	F.Y.B.Sc.	PHY121 HEAT AND THERMODYNAMICS
7.	Thermometry	F.Y.B.Sc.	PHY121 HEAT AND THERMODYNAMICS
8.	Atomic Structure	F.Y.B.Sc.	PHY112 Physics Principles and its Application
9.	Physics of Atom	F.Y.B.Sc.	PHY112 Physics Principles and its Application
10.	Atomic Spectra	F.Y.B.Sc.	PHY112 Physics Principles and its Application
11.	Sources of electromagnetic Waves	F.Y.B.Sc.	PHY112 Physics Principles and its Application
12.	Newton's Laws of Motion	F.Y.B.Sc.	PHY111 Mechanics and Properties of Matter
13.	Viscosity	F.Y.B.Sc.	PHY111 Mechanics and Properties of Matter
14.	Fluid mechanics	F.Y.B.Sc.	PHY111 Mechanics and Properties of Matter
15.	Magnetostatics	F.Y.B.Sc.	PHY122 Electricity and Magnetism
16.	Electrostatics	F.Y.B.Sc.	PHY122 Electricity and Magnetism
17.	Complex Number	S.Y.B.Sc.	PHY231; Mathematical methods in Physics
18.	Vector Algebra	S.Y.B.Sc.	PHY231; Mathematical methods in Physics
19.	Network theorems	S.Y.B.Sc.	PHY232: Electronics
20.	Bi Junction Transistor	S.Y.B.Sc.	PHY232: Electronics
21.	Different types of Equilibrium	S.Y.B.Sc.	PHY241 : Oscillations, Waves and Sound
22.	Damped Oscillations	S.Y.B.Sc.	PHY241 : Oscillations, Waves and Sound
23.	Geometrical Optics	S.Y.B.Sc.	PHY242: Optics
24.	Optical Instruments	S.Y.B.Sc.	PHY242: Optics


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Department of Botany

PPT/E-content

Sr. No.	Name of the E content	Class	Paper
1.	Algae	FYBSC	I
2.	Classification of Algae	FYBSC	I
3.	Characters of Algae	FYBSC	I
4.	Lichen	FYBSC	I
5.	Introduction	FYBSC	I
6.	Introduction to plant kingdom	FYBSC	I
7.	Introduction	SYBSC	I
8.	Classification system	SYBSC	I
9.	Environmental studies	SYBSC	I



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Department of Zoology

Sr. No	Name of PPT /E content	Class
1	Phylum chordate	FYBSc
2	Introduction to Ecology	SYBSc
4	Community	SYBSc
5	Cell division	FYBSc
6	microscopy	FYBSc
7	Rat circulatory system	SYBSc
8	Silkworm species'	SYBSc
9	Agriculture best practices	FYBSc
10	Redaibel	SYBSc



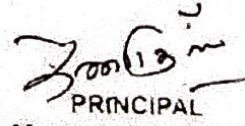
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Department of Zoology
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Department of Mathematics

Sr. No.	Name of the PPT/e-content	Class	Paper
1	Sets & Subsets, Relation	F.Y.B.Sc	I
2	Complex Number	F.Y.B.Sc	I
3	Sequences	F.Y.B.Sc	II
4	Real Numbers	F.Y.B.Sc	II
5	System of linear equations	S.Y.B.Sc	I
6	Curvature of a Plane Curve	S.Y.B.Sc	II
7	Errors and their computations	S.Y.B.Sc	II
8	Functions of Several Variables	S.Y.B.Sc	I



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