Anekant Education Society's Tuljaram Chaturchand College of Arts Science and Commerce, Baramati. [Autonomous]

Action Taken Suggestions

		Suggestions Department of Rusiness	Action Taken S Administration [BBA]
SR NO	YEAR	Department of Business	ACTION TAKEN
		Ø Make the Syllabus Industry Specific.	Addition of new subjects like Business Analytics, Service Sector Management as per need of management sectors.
1	2018-19	Ø Add more practical oriented Subjects and projects. Ø Incorporate Skill development Courses along with regular curriculum.	Students Internships are initiated for Projects. Certificate Course are Launched for Skill Development Import Export Management
			Skill Development using Time ManagementComputer Application in Business ManagementFundamental of Accounting and Banking
		Ø Recommend implementing a compulsory project internship for students.	Ø Revised the syllabus regularly to match current industry trends and job market demands.
		Ø Add new specializations for the third-year students.Ø Update the syllabus content as per the industry need.	Ø Introducing more practical subjects and hands-on projects for real-world learning. Ø Add skill development courses, like communication and technical skills, alongside regular studies.
2	2019-20	$\ensuremath{\mathcal{O}}$ Organize regular online workshops for skill development of students.	Import Export Management
		Ø Organize extracurricular activities that supporting to subjects.	 Ø Collaborate with industry experts for guest lectures, workshops, and internships. Ø Implementing a compulsory project internship for students, focused on a specific subject,
		Ø Online modes Courses must be introduced to Final Year Students.	to deepen their practical understanding and application of the coursework. Ø Adding new specializations like HR and Service Sector to the curriculum to offer
		y offine modes courses must be introduced to I man I can students.	students a broader range of expertise and career opportunities.
3	2020-21	Ø Small projects must be incorporate for internal evaluation of subjects.	Ø Update the syllabus content to reflect current industry trends and ensure students gain relevant and up-to-date knowledge.
			Ø Organizing regular online workshops to enhance student skills and provide flexible learning opportunities beyond the classroom.
		Ø Increase the Activities under MOU enhancing for Industry Academia Interface	
4	2021-22	 Ø Add Mini project for students as per their specialization selected. Ø Arrange the session to design explore knowledge of Regulatory Framework of 	 Ø Conducted industry visits and subject-related workshops with expert speakers. Ø Enrolled final-year students in online certification programs related to their specializations.
			Ø Established a project review committee to provide feedback and grade students.
		Ø Arrange Various activities related to Entrepreneurship Developments.	Ø Arranged industry-specific webinars and interactive sessions through existing MOUs.
5	2022-23	 Ø Include Various Activities related to Innovations Ø New topics to be introduced in syllabus. 	Established new partnerships with companies for student internships and projects. Implemented a mini-project system where students work on industry-related topics according to their specialization.
			Ø Conducted expert sessions on key regulatory topics like corporate law, taxation, and industry regulations.
		Ø Addition of contents for same subjects like Financial Accounting and Commun	Ø Hands-on training programs were organized with industry experts to develop practical skills.
		Ø Organize Hands on Training Program for information system modules	Ø Industry-academia interface activities included guest lectures, industry visits, and MoUs for internships.
		Ø Industry Academia Interface must be established with appropriate Activities.	Ø Placement training programs provided mock interviews, skill development workshops, and campus recruitment drives.
6	2023-24	\emptyset Incorporate of new and updated streams in management like Health Care Management	Ø Incubation centers where students can experiment with ideas and work on startup concepts.
		Ø Increase Sport and Cultural Events to increase team-based activities.	Ø Conduct innovation challenges and startup pitch competitions to foster creativity and
		\emptyset Conduct job placement training program and more placement activities.	problem-solving. Ø Industry-academia interface activities included guest lectures, industry visits, and MoUs for internships.
			Ø Placement training programs provided mock interviews, skill development workshops, and campus recruitment drives.
		Department of BBA(CA)	
Sr.No	Year	Suggestions	Action Taken
		Introduce subjects based on problem solving, critical thinking and foundation kno	Introduced BCA1101 logic in Computer Science subject in syllabus for FYBBA(C.A) 2019 Pattern
		Add elective subjects in TYBBA(C.A)curriculum	Elective subject structure were added in the framework of TY
1	2019-2020	Add certificate courses Conduct skill development workshops There is need of essentials for documenting technical work for creating proposals	CC-064 certificate course -C programming was introduced Skill development workshop for BBA(C.A) dated on 9th September 2019 BCA1204 Technical report writing subject was introduced in second semester FY BBA(C.A)
		Use a mix pattern of written exams, practical exams, assignments, presentation to Provide sessions/workshop for students with the skills to design, developed and de	It is discussed and approved internal assessment of 40 and external of 60 marks. Two days' workshop on mobile application development from 3 th Feb 2020 to 4th Feb 2020.
		BoS suggested to add web services in syllabus of web technology and advanced J	Introduced BCA2401 advance Java and BCA 2402 Web technology for SYBBA(C.A) in 4th Semester
		Introduce R programming to the business statistics paper	BCA2305 business statistics using R programming was introduced for SYBBA(C.A) in 3 rd Semester and BCA2307 lab based on R programming also Introduced
2	2020-21	For getting practical approaching introduce networking based Practical's For networking practical assignments used software like wireShark ,Putty, telnet	Introduced BCA2407 computer Laboratory based on BCA2405 Networking Assignments based on telnet wireshark, Putty was covered in practical lab 2 days Webinar on computer networking and its practical implementation held on 6 ^{th and 7th Feb} 2021
		Conduct National Webinar, seminar or training program on latest technology	3 days National level Webinar on emerging technology in computer science on 8th ,9th and
		Prepare syllabus of TYBBA(C.A) by considering the need and current requirement	10th February 2021 Subjects like Android application programming, net programming, cloud computing, internet of things, digital marketing, Machine learning subjects were added in the syllabus



Add elective	subjects	in the	TYRRA	A(C A)	sullahus

Elective subjects for TY BCA3503Acloud computing OR BCA3503B Internet of things and

BCA3504A digital marketing OR BCA3504B machine

learning was added in the syllabus

2	2021-22	

Introduce more practical, hands on sessions in curriculum of TY

Five practical subjects added in the syllabus structure of TY Introduce cloud platform like AWS, Azure or Google cloud practices to teach stuc BCA3503A cloud Computing and BCA3508 cloud laboratory based on BCA3503A was introduced

conduct a training program on recent technology

5 days hands on training on machine learning with python was conducted on 15th to 19th February 2022

Introduce project in both semester of TYBBA(C.A) to get more development appi BCA3505 and BCA3605 projects for 100 marks of 4 credits was added in the structure of

Suggestions by students to take some Session/training program on Node JS react 12 days hands on training on react JS on 24th and 25th March 2022 was taken

provide foundational cyber security awareness program to aware about cyber crim Organized webinar on cyber security on 11th January 2022

PL SQL unit from RDBMS should be shifted from core theory to practical laborat Created UBCA117 computer laboratory based on UBCA113 RDBMS with PL SQL unit

Provide hands on training program on latest technology by industry experts

5 days hands on training program on machine learning using python was conducted on 9th

January 2023 to 13th January 2023

3 days hands on training on mobile application development conducted on 28

29th and 30th September 2023

2022-23

Introduce digital marketing in place of business commerce Conduct sessions which will be helpful for software development UBCA125 Digital Marketing subject was introduced for FYBBA(C.A) in semester I

One day hands on training on Wordpress was conducted on 25th February 2023

Hands on workshop on Oracle application development framework and Oracle cloud was conducted on 17th September 2023

do some modification in old FYBBA(C.A) syllabus as per current demand of Indu Business accounting removed from old syllabus and Relational Database Management

should be shifted in first semester of SYBBA(C.A)

and UBCA242A advanced PHP or UBA242B react JS

Teach students about automatic repetitive task using RPA tools through workshop One day workshop on RPA software bot development on 9th Sept 2023 was conducted Restructure the syllabus of BCA 2402 Advance Web Technology from old syllabı In SY BBA(C.A) syllabus UBCA232A PHP and UBCA 242A advanced PHP was

Perform Syllabus restructuring and revise the nomenclature of subjects

Conduct extension activities on social issue for society

conduct a program/session on Industry based working skills

introduced Following nomenclature was done BCA2304 Operating System- UBCA234 Operating

System Concepts BCA2401 Advanced Java- UBCA241 Advanced Java Programming BCA2402 Advanced Web Technologies - Elective: UBCA232A PHP

Elective:

UBCA242A Advanced PHP BCA2403 Mathematical Foundation of Data Science -Mathematical Foundation for Computer Application BCA2404 Software Testing and Quality

Assurance -

UBCA244 Software Testing and Automation

2023-24

2024-25

6

BoS suggest to design open elective (OE) subject by considering the level of stude BCA116 OE and BCA117 OE E-Commerce and office automation were introduced for arts and science faculty students

To introduced MOOC certificate courses SWAYAM platform for SY and TY BB The basket of MOOC courses was prepared

86 Students completed NPTEL course of Big Data Computing

One day Industrial Visit was organized at I-Medita Baner on 15-03-2024 Increase collaboration with industry

Extension activity on social media awareness at AEMS Baramati on 21th February 2024 was

conducted

Use different modern tools for practical sessions to gain insights in working with I For conducting practical's tools like python, R, tableau power BI were used Collect feedback form students, Alumni and industry experts to refined course cor Regularly collected feedback and appropriate actions was incorporated

Implements continuous evaluation methods in the academic Implemented various methods of evaluation including seminar, presentation, practical exams

test tutorials

Introduce more practical subjects or hands on programs to increase technical skills 4 practical subjects were introduced for TYBBA(C.A)

One-Day Workshop on "Industry-Oriented OOP: Entrepreneurial Mindsets through Object-

Oriented Programming" held on $2^{\rm nd}$ Sept 2024

Provide hands on session on software development and Software Testing One Day Seminar on Software testing and its Practical implementation was held on 10 th August 2024

Department of Botany Consolidated Table of Suggestions and action taken

Sr. No.	Year	Suggestions	Action Taken
1	2019-20	1. Field visits are arranged to study different groups of plants	 Excursion visits are arranged for the student semester wise.
1	2017-20	Skill enhancement of Fruit Processing.	Hands-on training is given at the time of practical.
2	2020-21	 Hands-on training in biostatistics must be added. 	1. Workshop for ten days is arranged in first term on Hands-on training in biostatistics.
2	2020-21	Skill enhancement of herbarium preparation.	Practical based on herbarium preparation technique is added in the curriculum.
		1. Comparative morphology of sporophytes and gametophytes of gymnosperms	m 1. Comparative morphology of sporophytes and gametophytes of gymnosperms is added in
3	2021-22		the curriculum.
		Skill enhancement on floriculture.	Skill enhancement on floriculture is added in curriculum of practical.
3	2022-23	 Regulation mechanism in photosynthesis and respiration is added. 	 Regulation mechanism in photosynthesis and respiration is added in curriculum.
3	2022-23	Skill enhancement on bio-pesticides and bio-fertilizers.	Skill enhancement on bio-pesticides and bio-fertilizers are included in curriculum.
4	2023-24	 Hands-on training on preparation of essential oil must be added. 	 Hands-on training on preparation of essential oil must is added in curriculum.
4	2023-24	Skill enhancement on herbal cosmetics.	Skill enhancement on herbal cosmetics is added in practical.
		 Field visit to fruit processing unit is added. 	 Field visit to fruit processing unit is added in curriculum.
		Skill enhancement on mushroom cultivation.	Workshop and hands-on training will be arranged to enhance skill in mushroom
5	2024-25		cultivation.
		Skill enhancement on Spirulina cultivation and BGA cultivation.	3. Skill enhancement on Spirulina cultivation and BGA cultivation is added in practical.

Department of Chemistry

Consolidated Table of Suggestions and Action Taken Action Taken

Year Suggestions 2019-2020 1. Project should be included in MSc I syllabus 2. Industrial visit should be includ 1. Student and faculty visited to industry as a part of curriculum

2. Student carried out project in MSc I (Sem II)

3. Methods for solution preparation and standardization, lab safety and study of MSDS data included in syllabus.

2020-2021 1. Green chemistry topics must be included in theory and practical2. Instrument 1. Green synthesis practical is introduced in MSc II organic chemistry

4. Topics on chemical mathematics and stereochemistry are included in syllabus.

Advanced instrumental practicals are introduced in MSc I and II

3. Topics on Analytical chemistry and stoichiometry are included 4. More theory lectures are allotted to reaction mechanism and MOT.

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	2021-2022	An optional theory paper should be included on Nanomaterials Theory re	Optional theory paper is included on Nanomaterials and Nanotoxicology
	3	1. Construction data	Theory related practicals based on use of sophisticated instruments are added
	4 2022-2023	 Spectroscopic data interpretation should be introduce2. Workshop and seminars are conducted for in 	Spectroscopic data interpretation should be introduce
			$2. \ \ Workshop \ and \ seminars \ are \ conducted \ for \ interaction \ with \ industry \ and \ research \ scholar$
			 Topic on Precautions for handling the hazardus chemicals is included Graphical representation of analysis is added in the syllabus.
	2023-2024	Industrial training is conducted2. Topics related to SET/NET etc exam are inc	Industrial training is conducted Topics related to SET/NET etc exam are included in MSc II Syllabus
			3. Topics on Chemical thermodynamics are introduced with more lectures
	5		No. of practicals using analytical instruments are increased
	2024-2025	On job training programs should be arranged2. Topics related to competitive	On job training is conducted Topics related to competitive exam are included in MSc II Syllabus
			Three subjects are introduced in First year B.Sc with more lectures
	6		4. Topics on Study of periodic table are included
		Consolidated Table of Suggestaions and Ad	ction Taken- Commerce
Sr. No.	Year 2019-20	Suggesations	Action Taken
1	2019-20	Recent topics should be included in the syllabus. Parcticals should be included in the syllabus.	New and recent topics are added in the F.Y. B. Com and M.Com I Syllabus Practical topics are added in the financial accounting
		3. The number of topics should be limited to 4 only.	Number of units are reframed as per UGC guidelines and limited up to 4 units
		4. More focus should be given on the practical instead of theory.	Practical exposure in increased
2	2020-21	Weightage of Internal assessment should be increased up 40%. Workshops and Saminary related to subjects should be conducted.	40% for internal assessment and 60% for external assessment is implemented
2	2020-21	Workshops and Seminars related to subjects should be conducted Field vists related to subjects should be conducted	Various seminars and workshop are conducted A guest lectures on various topics are conducted
		A guest on entrepreneurship Development should be organized	Soft skill development program is conducted
		4. Soft skill Development workshop be conducted	
3	2021-22	Study tours should be organized Blended learning option should be utilized	Certificate courses are conducted through online mode
3	2021-22	Industrial visits should be organized for the final year students	Organized industrial visits for final year students
		3. Syllabus should be designed as per the needs of regional requirements	syllabus is designed as per the regional industry requirements
		4. FDP or workshop should be organized on the recent topics	Organized one day FDP for the faculty development
4	2022-23	Home assignment should be given Accounting should be taught with the help of accounting softawares	Added home assignments as a part of Internal Assessment Computerized Accounting system is added in the syllabus
·	2022 20	Hands on Training should be provided for the subjects like accounting and Taxa	
		3. Practical exposure should be given to each subject	Practical related topics and contents are included in the syllabus
		4. Subject from other faculty should be offered	Certificate courses from other faculty are offered to students
5	2023-24	Skill oriented syllabus should be added Employability training programmes should be added in the syllabus	Skill oriented contents and topic are added in the syllabus Employability skills are added in the syllabus
		On the tarining and FP and RP should be added in the syllabus	OJT, FP and RP added in the syllabus
		Skill enhancement courses should be added	Skill enhancement courses are added in the syllabus
	6 2024-25	Vocational Skill Courses should be added in the syllabus New specializations should be added in the syllabus	Vocational Skill Courses are added in the syllabus New specializations are offered from the academic year
	0 2024-23	Internship programs should be offered	Internship programs are offered to students
		3. Skill Development courses should be added in the syllabus	Skill Development courses are added in the syllabus of PG.
		4. Practical Exposure should be provided for Marketing and Cost Accounting sub	
		5 Special Practical paper should be offered for commerce students	Special practical paper and its syllabus is designed under SEC Papers
		Department of Computer Science Consolidated Table of Suggestions and action taken	
Sr.No	Year	Suggestion	Action Taken
51.110	rear	Must conduct workshops on different new upcoming technologies.	Workshops conducted on IOT based applications, block chain technology.
1	2019-20	2. Required Hands-On Practice.	2. Workshop conducted on artificial intelligence.
			3. Plan to conduct new technology workshops in future.
2	2020-21	New Technology like Python, Wordpress must be added in the Syllabus.	Various guest lectures were organized to make student aware with the latest technology.
		2.Subject related guest lecture should be organized.	2. Organized guest lecture on Word press python.
3	2021-22	To provide knowledge on new technology like advanced Python.	Various workshops, Guest lecture, training program conducted by department.
		1.Extra classes were recommended on the basic theory for the weak students.	Organized a different competition I.It has been planned to conduct remedial classes for weak students
4	2022-23	2.Research oriented activities for the students.	Different competitions organized by department.
		3.Suggestion for organizing more project related activities and compaction.	
5	2023-24	 Need to organize various training and courses on latest ICT skills. Project work and new Technology must be promoted for students of computer S 	1. Various training program organized for students
	2024-25	1.Personality Development lecture must be provided.	1.Activities are still in the pipe line and will be executed in the Even Semester.
6	2024-25	2.Suggestion for organizing more project related activities and competitions.	
		Department of Dairy Technology	
Sr.No	Year	Suggestions	Action Taken
1	2019-20	1.Update curriculum to include more practical industry-oriented modules.	1.Collaborated with industry experts to design the curriculum and integrated new modules
		2. Strengthen partnerships with local dairy industries	focusing on current industry trends. 2.Developed a formal internship program and regular visit with Dairy Industries.
		Upgrade laboratory equipment to enhance research capabilities	3. Budget approval and procured new equipment, improving lab facilities and research
			capabilities
		Increase outreach to local communities to promote dairy technology education	4.Organized community workshops, school outreach programs, and public seminars through NSS to raise awareness about Dairy sector.
		5.Establish the packaging laboratory.	5.Developed well equipped packaging laboratory
2	2020-21	Incorporate more hands-on, practical experiences in the curriculum.	1.Introduced new laboratory-based modules, real-world case studies, and industry internships to enhance practical learning.
		2. Focus more on emerging Dairy technologies such as fermented products and lo	Started new students research projects specializing in fermented food products and sustainable dairy solutions.
			3. Established new agreements (MoU), internship and job opportunities for students.
		4. Upgrade laboratory equipment to improve research capabilities.	 Procured new state-of-the-art laboratory equipment and updated facilities to support advanced research and practical work.
		5. Focus on food safety and quality management program.	5. Organised every year FoSTaC Training Programme.



3	2021-22	1. Update the curriculum to include more practical and emerging trends in dair	Revised the curriculum to incorporate contemporary topics such as nutritional, plant-based diets, and advanced dairy processing technologies. Introduced hands-on laboratory sessions and industry case studies.
		Increase research on functional dairy products and their impact on health. Benhance partnerships with Dairy industry companies for internships and research.	2.Established new research projects in project list of the department. 3.Developed new partnerships with local dairy industries. Created more internship opportunities and collaborative research projects that offer real-world experience and
		4. Integrate more content on sustainable dairy farming and technology in curricular	problem-solving 4. Contacted with environmental experts from the college to update course materials.
4	2022-23	Improve laboratory facilities and equipment to support advanced research are	Invested in upgrading laboratory equipment and facilities. Acquired state-of-the-art instruments and improved safety features in laboratories.
		2. Strengthen academic and career support services for students	2. Enhanced academic advising, mentorship programs, and career services. Organized workshops on resume building, interview skills, and job placement strategies.
		3. Increase community engagement and public education on nutrition and dairy pr	3. Launched community outreach programs, including nutrition workshops, public seminars
		4. Provide more resources and support for students and alumni to start their own $\boldsymbol{\alpha}$	through NSS, and school educational programs. 4. Created a dedicated incubator program for dairy technology start-ups.
5	2023-24	1. Improve documentation and processes for maintaining accreditation standards	1. Improved internal documentation practices and quality assurance processes. Conducted regular self-assessments and audits to ensure compliance with accreditation standards.
		2. Incorporate sustainability practices in nutrition education.	2. Integrated sustainability topics into the curriculum and research focus. Implemented eco- friendly practices in laboratory operations and promoted sustainable Dairy processing
		3. Incorporate sustainability practices into dairy processing and Technology.	practices 3.Integrated sustainability concepts into the curriculum and research focus. Promoted sustainable practices in laboratory operations and Dairy technology applications.
		4 Enhance communication strategies to keep stakeholders informed about departn	$4. \mbox{Revamp}$ the departmental website and arranged various program for communication updates.
5	2024-25	Integrate more industry-relevant topics and hands-on training into the curricular topics.	Updated the curriculum to include emerging topics such as advanced Dairy processing technologies and sustainable production practices. Added more practical laboratory sessions, industry case studies, and field visits.
		2. Increase research and academic content on Dairy Processing, Manufacturing, b	 Launched new research initiatives and academic content focused on reducing production losses through improved storage technologies and enhanced food safety measures.
		3. Upgrade laboratory facilities and equipment to support advanced research and part of the support advanced research and the support advanced research an	3. Invested in modernizing laboratory equipment and improving facilities to support advanced research in Dairy engineering and technologies. Upgraded infrastructure to enhance safety and functionality.
		4. Increase community outreach and education on Dairy Processing, Manufacturing	14. Organized community outreach programs and educational workshops focusing on Dairy management and food safety practices. Developed informational materials and resources for community education.
		Department of Defence	
	Year	Suggestions	Action Taken
	1 2019-2020	Focus on enhancing analytical skills through assignments and case studies.	 Designed assignments that encourage analytical thinking on Defence ,Security scenarios.
		Include updated information on India's evolving defense policies, such as Integrate more Indian historical military thinkers and strategists like Chanaky	
		Emphasize communication and public speaking skills. Include comprehensive coverage of India's missile defense systems	 Integrate more Indian historical military thinkers and strategists. Provided guidance on analyzing political speeches and Military documents using simplified methods
	2 2020-2021	1. to add importance of the Indian Ocean in the 21st century and the growing in	1. Modules on the strategic importance of the Indian Ocean Region, Himalayan Frontiers, and maritime choke points were introduced.
		To enhance skill and job opportunity must add certificate course. To include strategic important of Indian ports.	 Industrial security course newly added. Focused on Indias internal changing threats in its global contribution in security domain .
		4. Align the syllabus with India's emerging global security role	4. Introduced additional comprehension exercises using political speeches and documents to develop reading skills.
		 Increase focus on cross-border terrorism, insurgency in Jammu & Kashmir, a 	 Expanded courses on cross-border terrorism and internal security challenges, with a particular focus on Jammu & Kashmir and Left-Wing Extremism.
	3 2021-2022	 Include non-traditional threats, including cybersecurity, climate change, wate Need to include hybrid warfare, which blends conventional, irregular, and cy 	incorporated into the syllabus
			introduced, using real-world case studies.
			in groups.
		4. Deeper focus on the economics of defense budgeting, including cost-benefit	Make in India defense initiatives were incorporated.
		Offer additional sessions on how to structure Project and present	5. Delivered lectures on how to structure research project and how to present.
	4 2022-2023	Practical Learning Experiences.	 Field visits to organizations like MLI(Maratha light infantry), Indian Army base, and Naval establishments were organized.
		Inclusion of the separate chapter on Indian Ocean security and Indias role in Inclusion of a new topic focusing on the new proposed theatre command in the security of the security of the separate chapter on the new proposed theatre command in the security of the separate chapter of the separate chapter on the separate chapter of the separate chapter on the separate chapter of th	
		 Include intelligence agencies and military intelligence. Inclusion of historical overview of India-Pakistan and India-China issues. 	 Intelligence agency like RAW,IB,MI and its role in indias security were added. Separate topic covering indo-pak and indo-china were added.
	5 2023-2024	1. Addition of the functions, role and characteristics of the fighting arms topic	
		 Inclusion of a new topic focusing on the ethics and human rights in defence. Addition of the evaluation of war in each topic in the course as well as major 	
		4. Requested the inclusion of recent Doklam standoff and Galwan crisis.	4. Included recent Doklam standoff and Galwan crisis in syllabus.
		5. Focus on continuous assessment to track progress in understanding Security	5. Implemented continuous assessment, including quizzes and short tests, to monitor progress in understanding political theories.



6 2024-2025 Addition of the courses like world at war emerging trends and global issues. 1.Provided additional emerging trends and global issues Offer skill courses at the start of the year to help students to create job oppor 2. Introduced skill courses cyber security to UG first year classes at the start of the semester to help students students to create job opportunity Emphasize interactive teaching methods to engage students more effectively 3. Adopted interactive teaching methods, including role plays, group discussions, and interactive reading sessions on defence and security topics. Encourage peer discussions to promote collaborative learning in Defence stu 4. Organized peer discussion groups to promote collaborative learning in Defence studies 4. More attention to basic Security concepts for better analysis Implemented extra sessions on basic security concepts and analysis to strengthen understanding. Provide study materials in simpler language for semi-urban students. 6. Developed and provided simpler study materials and notes to ensure students from semi-urban areas can follow along easily. Department of Sociology Action Taken Suggestions 2019-2020 Greater emphasis on contemporary social issues such as digital sociology, media il Elective course on Sociology of Media added for SYBA. Need to introduce more practical aspects in theory-heavy modules. Research Methodology module revamped with practical components (data collection, fieldwork). Add modules on research methodology and employability skills. Fieldwork included in rural and urban sociology modules. Stress on fieldwork for real-world understanding. 2020-2021 Need for vocational courses to increase employability Gender Studies course launched for FYBA. Workshops on SPSS and NVivo conducted for TYBA students. Desire for inclusion of gender and sexuality studies More workshops on research tools and software (SPSS, NVivo). Partnerships established with local NGOs for student internships. Modules on Global Sociology introduced in TYBA. 2021-2022 Update the curriculum with global sociological theories and texts. Request for more interdisciplinary approaches (Psychology, Anthropology). Interdisciplinary modules on Sociology and Psychology for SYBA. Focus on environment and sustainability in the syllabus. Environmental Sociology revamped to include discussions on climate change and social 2022-2023 Demand for digital learning platforms and e-resources. Launched e-learning resources through the university portal. Integration of critical theory and postcolonial studies. Postcolonial Theory included as a module for TYBA. More emphasis on job-oriented skills. Career counseling sessions held, focusing on jobs in social research and policy. 2023-2024 More hands-on research and dissertation work. Dissertation work introduced as a compulsory component for TYBA students. Guest lectures conducted by social entrepreneurs and NGO professionals. Focus on social entrepreneurship and NGO management. Need for more seminars and guest lectures from industry professionals. Seminars organized on NGO management, with active participation from students. New resources have been added to the reading list, and case studies are incorporated into the More focus on contemporary sociological theories. syllabus for relevant modules. Additional lectures were scheduled to cover contemporary

Graduates need better quantitative analysis skills A dedicated module on quantitative research methods was introduced for SYBA and TYBA,

and hands-on training sessions on software like SPSS were added. Syllabus needs to be aligned with current job market requirements in sociology-rel Experts from industries such as social work, market research, and policy analysis were consulted, and a new section on skills development (e.g., research methodology, data analysis) has been introduced in the syllabus.

	Dej	partment of Economics	
Year	Suggestions		Action Taken
1 2019-2020	1.	Focus on enhancing analytical skills through assignments.	 Designed assignments that encourage systematic writing.
	2.	Include presentation exercises in the curriculum.	Added extra basic concepts in the syllabus.
	3.	More focus on foundational concepts.	3. Introduced everyday economics practice sessions, emphasizing interviews and
			presentations.
	4.	Emphasize economics interviews and basic professional interactions.	4. Provided guidance on analyzing economic issues using simplified methods for students.
	5.	Provide more guidance on how to study and analyze an economic problems	s. 5. Included guest lectures on how to study and analyses an economic issues.
2 2020-2021	1.	Include current economic issues of India and world economy.	 Introduced simple and engaging assignment work from Indian economic issues.

theories in greater depth.

- Organize essay competitions and debates on economic issues to improve crit 2. Held regular economic essay writing and debate competitions based on contemporary issues in economics.
- Focus on Indian economy for easier knowledge. Include more assignments for improving reading and writing skills.
- 4 More focus on school of economic thought
- presentations. 2. Introduce a basic statistics module for students struggling with statistics. 2. Introduced a basic statistics module in the first few weeks of the semester. 3.
- Practical communication activities, like mock interviews, boost confidence in 3. Conducted mock interviews and role-play activities to build students' confidence in formal communication. Provide opportunities for classroom discussions to improve economic discus 4. Implemented classroom discussions where students practice in groups
- 5. Offer additional sessions on how to structure answers in exams.
- Include more practical based on economic analysis.
- More use of ICT to help students with difficult texts in class. Provide opportunities for classroom discussions to improve confidence.
- 4. More focus on comparative exam syllabus to encourage broad thinking. 5. Include basic business communication skills, such as economic report writing.
- Added practical writing tasks like report writing and summary writing to help students with real-life writing skills.

5. Delivered lectures on how to structure exam answers, focusing on clarity and conciseness.

Implemented economics topic sessions where students practice conversations and

2. Used more ICT where students benefited to prepare projects.

Included economic issues related to India and world economy.

4. Introduced additional comprehension exercises to develop reading skills.

- 3. Implemented classroom discussions where students practice economic discussion in groups for improving confidence. Introduced comparative exams syllabus units focusing on different types exams.
- 5. Added a module on business communication, covering report writing and email etiquette.

5 2023-2024

3 2021-2022

4 2022-2023

2024-2025

- More focus on application of economics. 1.
- Create more opportunities for students to be employed. Training and workshops to help students' expansion skill.
- Request for more examples of real-world application of economic skills.
- Include more activities to enhance knowledge of economics and market. 6. Focus on continuous assessment to track progress in economics skills.
- 1. Integrated syllabus contents based on application of economics.
- 2. Focused on generation of employment in both formal and informal sector.
- 3. Conducted a classroom practice on public speaking, encouraging students to give short speeches in Economics.
- 4. Organized workshops or training to expand economic skills of student.
- 5. Introduced task which gets the knowledge of local to global market.
- 6. Implemented continuous assessment, including quizzes and short tests, to monitor

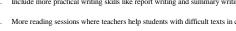
6 2024-2025

Provide more practice with basic economics for students from non-economic 1. Provided additional practice for students with weak in basic economics



 $2.\ Offer bridge courses at the start of the year to help students who struggle with \\ \varepsilon 2.\ Introduced bridge courses to UG and PG first year classes at the start of the semester to UG and PG first year classes at the start of the semester to UG and PG first year classes at the start of the semester to UG and PG first year classes at the start of the semester to UG and PG first year classes at the start of the semester to UG and PG first year classes at the start of the semester to UG and PG first year classes at the start of the semester to UG and PG first year classes at the start of the semester to UG and PG first year classes at the start of the semester to UG and PG first year classes at the start of the semester to UG and PG first year classes at the start of the semester to UG and PG first year classes at the start of the semester to UG and PG first year classes at the start of the semester to UG and PG first year classes at the start of the year classes at the y$ help students strengthen their economics foundations. 3. Emphasize interactive ICT teaching methods to engage students more effect 3. Adopted interactive teaching methods, including role plays, group discussions, and interactive reading sessions. 4. Encourage peer discussions to promote collaborative learning.5. More attention to applied economics for better opportunities. Corganized peer discussion groups to promote collaborative learning in classrooms.
 Implemented extra certificate courses syllabus content for better opportunities. 6. Provide study materials in simpler language for semi-urban students. 6. Provided online offline study materials in simpler language for better understanding.

	6. Provide study materials in simpler tanguage for semi-urban students.			
		Department of Electronics		
	Year	Suggestions Arrange Industrial Trips in each year.	Action Taken We discussed the suggestion regarding Study tours in BoS Meeting and decided to add in third year UG and PG course. Industrial trips were arranged for third year UG and PG students. Trips for other years are planned for the Even semester, due to logistical challenges. Feedback from students was collected to improve the experience for future trips.	
1	2019-2020	Add certificate courses or workshops related Competitive exams.	Introduce short-term certificate courses or workshops designed to help students prepare for competitive exams such as GATE, NET, and other entrance tests. Collaborate with external institutions or experts for conducting these sessions.	
		Introduce the use of Electronics Practical Related to Communication system in the	The use Communication System has been integrated into the curriculum as part of the practical course in the second year.	
		Implement projects based on real-world applications of Electronics in areas such a	Projects on Defense , Agriculture and healthcare were given as part of the curriculum of MSc Electronics. Students worked to analyze and interpret the data, focusing on social issues.	
2	2020-2021	Introduce the use of Electronics Software like Keil, Rockwell, Matlab for M.Sc S	The Conducted hands-on workshops for M.Sc. students on Keil, Rockwell, and MATLAB, focusing on practical applications and real-world projects. Integrated these tools into lab sessions, enabling students to develop industry-relevant skills through guided practice.	
			Added advanced courses on Verilog Modeling, C Programming, and Microcontrollers to the curriculum, including practical lab sessions and project work to enhance students' technical skills.	
	2021-2022	To include modules on Nano Electronics and Industrial Automation, with a focus of	Updated the syllabus to include modules on Nano Electronics and Industrial Automation, focusing on the latest advancements and industry applications. Practical labs and project-	
3			based learning have been integrated to provide hands-on experience Ensured that all T.Y. B.Sc. theory and practical papers include comprehensive references to relevant literature, enhancing academic rigor and resource accessibility for students	
		Revise the Digital Electronics syllabus to include fundamental concepts with interest	Updated the syllabus to include interactive simulations and fundamental topics like logic gates and flip-flops.	
4	2022-2023	Enhance the practical component of Embedded system using Various Software.	Enhanced practical sessions by integrating various software tools for a comprehensive learning experience	
		Include a course/module focusing on the basics of Semiconductor devices with an	Introduced a new module focusing on the basics of Semiconductor devices and their applications in electronics	
			Skill Enhancement Course, VSC, Indian Knowledge Systems courses introduced in first year syllabus as per NEP pattern, in which students are acquiring all suggested skills.	
5	2023-2024	Revise the Fundamentals of Digital Electronics syllabus to include key topics such	Updated the Fundamentals of Digital Electronics syllabus to include binary arithmetic, logic circuits, and practical applications, with interactive lab sessions to enhance hands-on learning	
		Provide practical industry experience to students Include a comprehensive course on Research Methodology, teaching students how	Internship/on job training or field project course has introduced in PG Course. A comprehensive course on Research Methodology was introduced, with practical sessions on data collection, statistical analysis, and report writing.	
		Introduce a course on AI and machine learning that covers algorithms such as lines	Implemented a new course covering AI and machine learning algorithms including linear regression, decision trees, and clustering	
6	2024-2025	Introduce C language, Python, Embedded C software in Second year UG and PG	Incorporated C language, Python, and Embedded C software into the Second year UG and PG curriculum to bolster programming skills	
		Include industry projects or research project as a mandatory part of the curriculum	Made industry and research projects a mandatory curriculum component, emphasizing real- world problem-solving using Electronics	
		Department of English		
	/ear :019-2020	Suggestions 1. Focus on enhancing writing and analytical skills through assignments.	Action Taken	
1 4	017-2020		Designed assignments that encourage analytical writing. Added extra grammar and vocabulary sessions in the syllabus.	
		 More focus on foundational grammar and vocabulary. 	Added a grammar and vocabulary-building module. Introduced conversational English practice sessions, emphasizing interviews and	
		5. Provide more guidance on how to study and analyze poems and prose.	workplace interactions. 5. Provided guidance on analyzing poems and prose, using simplified methods for students.	
2 2	020-2021	Include easier-to-understand short stories and poetry from Indian and British	Introduced simple and engaging short stories and poems from Indian and British authors.	
2 20:	1020-2021	Organize essay competitions and debates to improve critical thinking and wri Focus on Indian and British short stories for easier understanding. Include more comprehension passages for improving reading skills.	Held regular essay writing and debate competitions. Included Indian and British short stories that are simple to comprehend. Introduced additional comprehension exercises to develop reading skills.	
3 2	021-2022	1. More focus on improving spoken English through regular speaking practice i	In Implemented regular spoken English sessions where students practice conversations and presentations.	
J 2021			Introduced a grammar refresher module in the first few weeks of the semester. Conducted mock interviews and role-play activities to build students' confidence in formal communication.	
		${\it 4.} \hbox{Provide opportunities for classroom discussions to improve spoken English.}$	4. Implemented classroom discussions where students practice spoken English in groups.	
		5. Offer additional sessions on how to structure answers in exams.	5. Delivered lectures on how to structure exam answers, focusing on clarity and conciseness.	



1. Include more practical writing skills like report writing and summary writing 1. Added practical writing tasks like report writing and summary writing to help students with real-life writing skills.

2. More reading sessions where teachers help students with difficult texts in cla 2. Held reading sessions where teachers and students work through difficult passages together.

3. Provide opportunities for classroom discussions to improve spoken English. 3. Implemented classroom discussions where students practice spoken English in groups.

4. More focus on comparative literature to encourage broad thinking.

4 2022-2023

4. Introduced comparative literature units focusing on simple texts from different cultures.



5. Include basic business communication skills, such as report writing and email e 5. Added a module on business communication, covering report writing and email etiquette. 6. Use easy-to-understand examples when teaching literary theories. 6. Simplified the teaching of literary theories using relatable and easy examples 1. More focus on listening and understanding English through audio resources 11. Integrated audio resources like short stories, speeches, and interviews for listening 5 2023-2024 comprehension practice. Create more opportunities for students to practice group discussions in Englis 2. Conducted regular group discussions sessions in English, both formal and informal. Training in public speaking to help students gain confidence. 3. Conducted a classroom practice on public speaking, encouraging students to give short speeches in English. Request for more examples of real-world application of English skills. 4. Integrated examples from daily life and professional scenarios to show the application of English skills. Include more activities to enhance public speaking confidence. 5. Organized public speaking activities like speeches and debates through English Literary and Language Association to boost confidence 6. Implemented continuous assessment, including quizzes and short tests, to monitor Focus on continuous assessment to track progress in language skills. progress in English language skills. 6 2024-2025 Provide more practice with basic spoken and written English for students froi Consolidated Table of Suggestions and Action Taken (Department of English) 2. Offer bridge courses at the start of the year to help students who struggle with I 2. Introduced bridge courses to UG and PG first year classes at the start of the semester to help students strengthen their English foundations. 3. Emphasize interactive teaching methods to engage students more effectively. 3. Adopted interactive teaching methods, including role plays, group discussions, and interactive reading sessions. 4. Encourage peer discussions to promote collaborative learning. 4. Organized peer discussion groups to promote collaborative learning in classrooms. 5. More attention to English grammar for better sentence construction. 5. Implemented extra grammar sessions, focusing on sentence structure and grammar 6. Developed and provided simpler study materials and notes to ensure students from semi-6. Provide study materials in simpler language for semi-urban students. urban areas can follow along easily. Department of Food Technology & Research Suggestions Action Taken Update curriculum to include more practical industry-oriented modules. Collaborated with industry experts to redesign the curriculum and integrated new 1 2019-2020 modules focusing on current industry trends. Strengthen partnerships with local food companies Developed a formal internship program and joint research projects with local businesses. Upgrade laboratory equipment to enhance research capabilities. 3. Secured budget approval and procured new equipment, improving lab facilities and research capabilities. Increase outreach to local communities to promote food science education. 4. Organized community workshops, school outreach programs, and public seminars to raise awareness about food science and technology Introduced new laboratory-based modules, real-world case studies, and industry Incorporate more hands-on, practical experiences in the curriculum. 2 2020-2021 internships to enhance practical learning. Focus more on emerging food technologies such as alternative proteins, veg: 2. Started new students research projects specializing in alternative proteins and sustainable food solutions. Strengthen collaborations with local food producers and manufacturers. 3. Established new partnership agreements for joint research and development projects, as well as internship opportunities for students. 4. Procured new state-of-the-art laboratory equipment and updated facilities to Upgrade outdated laboratory equipment to improve research capabilities. support advanced research and practical work 1. Update the curriculum to include more practical and emerging trends in food r 1. Revised the curriculum to incorporate contemporary topics such as nutritional genomics, plant-based diets, and advanced food processing technologies. Introduced hands-3 2021-2022 on laboratory sessions and industry case studies. 2. Increase research on functional foods and their impact on health Established new research projects and funding initiatives focused on functional foods, including collaborations with external research institutions and industry partners. 3. Developed new partnerships with local and international food companies. Created more 3. Enhance partnerships with food industry companies for internships and internship opportunities and collaborative research projects that offer real-world experience and problem-solving. research projects. Improve laboratory facilities and equipment to support advanced research an $1.\,$ Invested in upgrading laboratory equipment and facilities. Acquired state-of-the-art 4 2022-2023 instruments and improved safety features in laboratories. Strengthen academic and career support services for students. Enhanced academic advising, mentorship programs, and career services. Organized workshops on resume building, interview skills, and job placement strategies. Increase community engagement and public education on nutrition and food 3. Launched community outreach programs, including nutrition workshops, public seminars, and school educational programs. Developed informational materials and resources for public awareness Improve documentation and processes for maintaining accreditation standard 1. Improved internal documentation practices and quality assurance processes. Conducted regular self-assessments and audits to ensure compliance with accreditation standards 5 2023-2024 Incorporate sustainability practices in food processing and nutrition educatio 2. Integrated sustainability topics into the curriculum and research focus. Implemented eco-friendly practices in laboratory operations and promoted sustainable food practices Incorporate sustainability practices into food processing and post-harvest tec 3. Integrated sustainability concepts into the curriculum and research focus. Promoted sustainable practices in laboratory operations and post-harvest technology applications. Integrate more industry-relevant topics and hands-on training into the currict 1. Updated the curriculum to include emerging topics such as advanced food processing technologies and sustainable post-harvest practices. Added more practical laboratory 6 2024-2025 sessions, industry case studies, and field visits. Increase research and academic content on post-harvest loss reduction and fc 2. Launched new research initiatives and academic content focused on reducing postharvest losses through improved storage technologies and enhanced food safety measures Upgrade laboratory facilities and equipment to support advanced research ar 3. Invested in modernizing laboratory equipment and improving facilities to support advanced research in food engineering and post-harvest technologies. Upgraded infrastructure to enhance safety and functionality. Increase community outreach and education on post-harvest technologies an 4. Organized community outreach programs and educational workshops focusing on postharvest management and food safety practices. Developed informational materials and resources for community education.

	Department of Geography	Suggestion and Action Taken Report
Academic	Suggestion	Action Taken
Year	1. Include contemporary environmental issues	1. Added sections on climate change, global warming, sustainable development, and biodiversity conservation. Introduced case studies on current global environmental challenges.
1 2029-2020	2. More emphasis on human geography.	2. Increased focus on urbanization, migration, and population studies. Included comparative studies between rural and urban development, global trends, and impacts of migration.
	3. Interdisciplinary approach	3. Linked Geography with subjects like Economics (trade routes, global markets), Political Science (geopolitical boundaries, international relations), and Sociology (human-environment interactions).
2 2020 2021	Increased focus on regional geography	1. Added regional studies on continents, focusing on economic, cultural, and agriculture geography. Topics like the Malegaon Agricultural Trust, Model village- Katewadi etc.
2 2020-2021	2. Climate and weather forecasting methods	2. Introduced topics related to meteorology, climate models, and the use of satellite imagery in weather prediction. Hands-on sessions on understanding forecasting tools.
3 2021-2022	1. Sustainable development goals (SDGs)	1. Incorporated SDGs into syllabus topics such as urban planning, resource management, and environmental sustainability. Linked SDGs with case studies on local and global scales.
3 2021-2022	2. Inclusion of disaster management studies	 Included units on natural disasters (earthquakes, tsunamis, floods) and human-induced disasters. Practical sessions on disaster risk reduction and resilience-building techniques were introduced.
	3. Promote collaborative learning	3. Added group assignments and collaborative projects where students work together on regional geography problems, promoting teamwork and peer learning. Case studies are analyzed in groups.
4 2022 2022	1. Integration of GIS (Geographical Information Systems)	1. Introduced a basic module on Rs and GIS in the syllabus, with practical sessions on mapping and spatial analysis in TYBA Practical syllabus. Students will get hands-on
4 2022-2023	2. Fieldwork and practical skills	experience using GIS software. 2. Incorporated mandatory field trips to enhance practical understanding of geographical concepts. Added practical exams and projects where students must collect and analyse data from field studies. Also Started Skill based two credits courses in III, IV, V and VI semester of SYBA and TYBA
	3. Application of technology in geography	3. Added modules on the application of drones for geographical mapping, satellite imagery, and remote sensing technologies. Practical sessions for hands-on learning we organise hands on training programme on Drone survey, Total Station and DGPS survey every year.
	4. Greater focus on geographical thought and theory.	 Added Thoughts subject in PG level on the historical development of geography as a discipline and major theoretical frameworks in geographical thought. Students engage with classical and modern geographical theories.
	5. Use of modern assessment methods	5. Introduced continuous assessment, open-book exams, and research-based projects as part of evaluation to emphasize practical application and critical thinking.
5 2023-24	Encourage project-based learning	1. Introduced field-projects (2 Credits), Community Engagement Programme (2 Credits), On Job Training Programme (2 Credits) and Research Project ($4+6=10$ Credits) started from SYBA to PG II students, where students research local geographical issues (e.g., water scarcity, land use patterns) and propose practical solutions. Collaborations with local authorities encouraged in NEP 2020 Pattern.
	2. Incorporate experiential learning through internships	 Collaborated with local organizations (environmental agencies, Soil department, GIS based industries, Bhumi Abhilekh Karyalay, urban planning departments) to offer internships where students can apply geographical knowledge to solve real-world problems.
	3. Incorporation of geography of tourism	3. A new course, "Tourism Geography and Its Practical Applications," has been introduced at major, minor, and open elective levels. This course focuses on the impact of tourism on environments, local cultures, and economies, with an emphasis on analyzing the balance between promoting tourism and maintaining environmental sustainability. It is designed for Geography majors as well as non-Geography students and students from other faculties, offering interdisciplinary insights into tourism's geographical aspects. Students will engage in practical case studies and projects that examine the real-world implications of tourism on both local and global scales.
	Department of Hindi	
1 2019-20	Suggestions 1. छात्रों में भाषिक कौशल विकास हेतु वाचन, लेखन, संवाद, भाषण आदि विभिन्न भाषिव	Action Taken १.1 छात्रों में भाषिक कौशल विकास हेतु वाचन, लेखन, संवाद, भाषण आदि विभिन्न भाषिक कौशलों का समावेश करके उसके प्रात्यक्षिक कार्य पर बल दिया गया।
1 2019-20	2. पाठ्यक्रम में बेंक, रेल, डाक आदि विभागों से संबंधित व्यावहारिक हिंदी का प्रयोग तथ	का सनावर्ग करक उसके प्रास्तावक कार्य पर बदा ।दया गया। 4.2 पाठाक्रम में बैंक, रेल, डाक आदि विभागों से संबंधित व्यावहारिक हिंदी का प्रयोग तथा उससे संबंधित प्राराक्षिक कार्य का समावेश किया गया।
	 पाठ्यक्रम में पत्राचार, विज्ञापन तथा प्रात्यक्षिक कार्य आदि का समावेश करें। छात्रों में कम्प्यूटर से संबंधित सामान्य जानकारी प्रदान करें। 	त्रवादार प्राप्तावर कार्य का सनावरा किया गया। 3. पाठ्यक्रम में पत्राचार, विज्ञापन तथा प्रात्यक्षिक कार्य आदि का समावेश किया गया। 4. छात्रों में कम्प्यूटर से संबंधित लिपि, सॉफ्टवेअर, टायपिंग, ईमेल लेखन, आदि की सामान्य जानकारी का समावेश किया गया।
	5. अनुवाद तथा कम्प्यूटर से संबंधित सर्टिफिकेट कोर्स का समावेश करें।	5. अनुवाद तथा कम्प्यूटर से संबंधित सर्टिफिकेट कोर्स का समावेश किया गया।
2 2020-21	1. आसानी से समझ में आनेवाली हिंदी साहित्य की कहानियाँ और कविताओं का शामिल	। 1. हिंदी साहित्यकारों की सरल और आकर्षक कहानियाँ और कविताओं का समावेश किया गया।
2 2020-21	 आलोचनात्मक सोच और लेखन को बेहतर बनाने के लिए निबंध प्रतियोगिताएँ और वा आयोजित करें। पाठ्यक्रम में साक्षात्कार, विज्ञापन तथा वृतांत लेखन आदि का समावेश करें। पढ़ने के कौशल को बेहतर बनाने के लिए अधिक समझ वाले अंश शामिल करें। 	त्2. नियमित तिसकाओं में हिंदी निबंध लेखन और वाद-विवाद प्रतियोगिताएँ आयोजित की गईं। 3. पाठ्यक्रम में साक्षात्कार, विज्ञापन तथा वृतांत लेखन आदि का समावेश किया गया। 4. पठन कौशल विकसित करने के लिए नियमित तिसकाओं में अभ्यास प्रस्तुत किए गए।
. 2025	1. छात्रों को हिंदी की अन्य विधाओं जैसे- रेखाचित्र, आत्मकथा, गीत, गजल आदि विविध	ा. छात्रों को हिंदी की अन्य विधाओं से परिचित कराने हेतु आत्मकथा और हिंदी गजलों का समावेश
3 2021-22	परिचित करें। २. काजों को सरकारी कार्यालय में प्रयक्त की जानेवाली. कार्यालयीन हिंदी से परिचित करें	किया गया। १७ कार्जों को सरकारी कार्यालय में प्रयक्त की जानेवाली कार्यालयीन हिंदी से परिचित कराना।

पारावत करा 2. छात्रों को सरकारी कार्यालय में प्रयुक्त की जानेवाली कार्यालयीन हिंदी से परिचित कराना। 3. छात्रों को सरकारी पत्रलेखन की पद्धतियाँ से अवगत करें। 4. परीक्षाओं में उत्तरों की संरचना कैसे करें? इस पर अतिरिक्त मार्गदर्शन प्रदान करें। 4. स्पष्टता और संक्षिप्तता पर ध्यान केंद्रित करते हुए परीक्षा के उत्तरों की संरचना कैसे करें, इस पर व्याख्यान दिए गए।

	4 2022-23	- निर्मा के जावरार का जा । निर्मा के कि का निर्म के कि	इन दो नए सर्टिफिकेट कोर्स का पाठ्यक्रम में समावेश किया गया।
			 छात्रों को वास्तविक जीवन के लेखन कौशल में मदद करने के लिए रिपोर्ट लेखन और सारांश लेखन जैसे व्यावहारिक लेखन कार्य जोड़े गए।
		3. एम. ए. स्तर पर स्पर्धात्मक परीक्षाएँ, सेट/नेट परीक्षा आदि को लक्ष्य में रखकर नए विम	 अलकोतर स्तर पर स्पर्धात्मक परीक्षाएँ, सेट/नेट परीक्षा आदि को लक्ष्य में रखकर नए विमर्श पर आधारित रचनाकारों की रचनाओं का समावेश करें। किया गया।
		4. एम. ए. के स्तर पर छात्रों के लिए प्रोजेक्ट तैयार करने की आवश्यकता ध्यान दें।	4. विभिन्न संस्कृतियों के सरल पाठों पर ध्यान केंद्रित करते हुए तुलनात्मक साहित्य इकाइयाँ शुरू की गईं।
		5. साहित्यिक सिद्धांतों को पढ़ाते समय आसानी से समझ में आने वाले उदाहरणों का उप	^{भश्} । 5. संबंधित और आसान उदाहरणों का उपयोग करके साहित्यिक सिद्धांतों को सरल बनाया गया।
	5 2023-24	1. कहानियों तथा कविताओं पर आधारित ऑडियो/वीडियो संसाधनों के माध्यम से हिंदी र	! . सुनने की समझ और समीक्षात्मक अभ्यास के लिए कहानियों तथा कविताओं पर आधारित ऑडियो/वीडियो संसाधनों प्रयोग किया गया।
	3 2023-24	2. छात्रों के लिए हिंदी में समूह चर्चा का अभ्यास करने के अधिक अवसर बनाएँ।	जाउनायाजन रसायना प्रयान वियान विवास २. नियमित कक्षाओं में औपचारिक और अनौपचारिक दोनों तरह से हिंदी में समूह चर्चासत्र आयोजित किए।
		 असाइनमेंट के माध्यम से लेखन और विश्लेषणात्मक कोशल को बढ़ाने पर ध्यान केंद्रि . छात्रों में अनुसंधान की दृष्टी विकसित करें । सार्वजिक स्तर पर हिंदी में बोलने का आत्मविश्वास बढ़ाने के लिए अधिक गतिविधियाँ 	
	6 2024-25	1. गेर-हिंदी पृष्ठभूमि वाले छात्रों के लिए प्रमाणित बोली जानेवाली और लिखित हिंदी का व	: 1. गैर-हिंदी पृष्ठभूमि वाले छात्रों के लिए प्रमाणित बोली जानेवाली और लिखित हिंदी का अतिरिक्त अभ्यास प्रदान किया, विशेष रूप से प्रमाणित हिंदी बोलने और लिखने के अभ्यास पर ध्यान केंद्रित किया।
	6 2024-25	2. हिंदी की बुनियादी बातों से जूझने वाले छात्रों की मदद के लिए साल की शुरुआत में ब्रि	ावया। 12. छात्रों को उनकी हिंदी नींव को मजबूत करने में मदद करने के लिए सेमेस्टर की शुरुआत में यूजी और पीजी प्रथम वर्ष की कक्षाओं में ब्रिज कोर्स शुरू किए।
		3. आत्मविश्वास हासिल करने में मदद करने के लिए मंच पर बोलने का प्रशिक्षण पर जोर	3. मंच पर हिंदी में बोलने का आत्मविश्वास बढ़ने के लिए कक्षाओं में छात्रों को हिंदी में छोटे भाषण देने के लिए प्रोत्साहित किया गया।
		4. सहयोगी शिक्षण को बढ़ावा देने के लिए सहकर्मी चर्चाओं को प्रोत्साहित करें।	4. कक्षाओं में सहयोगी शिक्षण को बढ़ावा देने के लिए सहकर्मी चर्चा समूहों का आयोजन किया।
C. N.	\$7	Department of History	Author (also
Sr.No	Year 1 2019 - 2020	Suggestions Inclusion of Modi Script in the Syllabus.	Action taken Modi Script: An introduction to Modi Script has been included in the F.Y.B.A. Semester II
		Incorporation of the Ancient Education System into the Curriculum.	course (HIS 1201). Ancient Education System: A dedicated module focusing on the organization of the Ancient
		Implementation of Educational Trips as Part of the Curriculum.	Education System has been added to the course "Evolution of Ideas and Institutions in Educational Trips: Educational trips have now been integrated into the curriculum to enhance
		Revise the syllabus to align with competitive exams.	practical learning experiences. Updated the curriculum to include topics relevant to competitive exams like UPSC, with specific focus on Indian and world history.
	2 2020-21	Inclusion of Ancient Indian Architecture in the Curriculum.	Ancient Indian Architecture: The topic has been incorporated into the course "Ancient India"
		Coverage of the Banking Business in Medieval India within the Syllabus.	(HIS SPL 2401). Banking Business in Medieval India: A dedicated module on the credit system has been introduced in the course "Medieval India" (HIS SPL 2403).
		Reduction of the Nation-State Element in the Civilizations of the Ancient and Med	Nation-State Element: The emphasis on the nation-state factor has been reduced in the
	3 2021-22	Emphasize the study of local historical places and monuments in the syllabus to de	"Civilizations of the Ancient and Medieval World" paper (HIS 5301). **Local History: Arranged educational tours and seminars focused on the historical significance of local heritage sites, alongside incorporating modules in the curriculum that highlight the
		Incorporation of the SAARC Organization into the Curriculum.	SAARC Organization: A dedicated module on the SAARC organization has been introduced in the course "History of Asia in the 20th Century 1914-1992" (HIS SPL 3503).
		Integration of New Trends in History Writing into the Curriculum.	New Trends in History Writing: Topics such as Annals, Subaltern History, and New Currents in Historiography have been included in the course "Introduction to History" (HIS SPL 3501).
	4 2022-23	Inclusion of Modules on Medieval Indian Architecture in the Curriculum.	Medieval Indian Architecture: A module on Medieval Indian Architecture has been included in the course 'PAHS 122: Socio-economic and Cultural History of Medieval India'.
		Inculcation of the Importance of Indian Culture in Students Through the Syllabus.	Indian Culture: Integrated courses focusing on the richness of Indian history, art, and culture have been added to the syllabus, ensuring that students gain a deep understanding of India's cultural heritage. Additionally, guest lectures from scholars and practitioners in Indian arts and culture have been included to provide real-world insights and foster a greater appreciation for the nation's heritage.
		Implement employment-oriented syllabus.	Organized career workshops, internships, and skill-based training programs to equip students with job-ready skills in fields like archaeology, museology, and historical consultancy.
	5 2023-24	Establish a Research Center in the History Department.	Research Center: A dedicated research centre is being established to promote advanced
			historical research and interdisciplinary studies. (Professional Use of History: A new course titled 'Travel Agency and Tour Business (HIS)
			171 VSC)' has been introduced for the F.Y.B.A. class to provide a professional perspective on history.
		Raise Awareness About Women's Issues Through the Syllabus.	Women's Issues: Units focusing on women's lives have been included in the curriculum across all periods, and a workshop on women's issues was organized on March 9, 2024.
		Include the history of Indian Business Houses in the syllabus.	We plan to incorporate the history of Indian Business Houses into the syllabus in the future to provide insights into the nation's economic heritage.
	6 2024-2025	Include a Module on 'Ambedkari Jalase' in the Syllabus to introduce students to the Syllabus to the Sy	Ambedkari Jalase: A dedicated module has been introduced in the course titled 'History of Dalit Movement In Maharashtra (HIS 561 MJE)', covering its historical significance and role in social movements.

1. रोजगार के अवसरों को ध्यान में रखते हुए कौशल पर आधारित 'अनुवाद सर्टिफिकेट ं 1. रोजगार के अवसरों को ध्यान में रखते हुए 'अनुवाद सर्टिफिकेट कोर्स' तथा 'उद्घोषक कौशल'



Include a Module on SHAHIRI Folk Music in the Syllabus to introduce students t Shahiri Folk Music: A dedicated module has been introduced in the course titled 'Modern Maharashtra: A History of Ideas (1818-1960) (HIS 651 MJM)', which explores its historical significance, lyrical content, and role in social movements.

Create a Museum for Historical Objects Within the Department.

Museum for Historical Objects: Plans for establishing a museum are in development for future implementation.

Inculcate the Importance of Maharashtrian Culture in Students Through the Syllab Maharashtrian Culture: Comprehensive topics on Maharashtrian history, literature, art, and

traditions have been incorporated into the syllabus, ensuring students develop a deep appreciation for the state's rich cultural heritage. The curriculum now includes the study of prominent figures, historical events, and cultural movements that shaped Maharashtra.

Year	Department of Media and Communication Studies Suggestions	Action Taken
1 2019-2020	Focus on enhancing analytical skills through assignments.	Designed assignments that encourage systematic writing.
1 2013 2020	Include presentation exercises in the curriculum.	Added extra basic concepts in the syllabus.
	More focus on foundational concepts.	3. Introduced everyday communication and reading practice sessions, emphasizing
	•	interviews and presentations.
	 Emphasize communication skills and basic professional interactions. 	 Designed assignment for outdoor photography.
	Include outdoor photography in Photography subjects	
2 2020-2021	Include current affaire or India after independence in syllabus.	Included the India after independence in syllabus.
2 2020 2021	Organize local to media organisation and government institution.	Arranged the local visit to Nagar parishad and old age home .
	Focus on reading exercises for news anchoring.	Introduced additional comprehension exercises to develop reading skills.
		• • •
3 2021-2022	Include digital media in the syllabus	Included digital media course and content in the syllabus
3 2021 2022	Increase practical component for digital media content	Introduced practical projects that require students to create blogs, podcasts, and social
		media content.
	Increase focus on internship opportunities.	3. Collaborated with digital media firms, online news portals, and content marketing agencies
		to provide internship opportunities.
	 Organize workshop of industry professionals. 	Conducted workshops featuring professionals from the media industry.
	 Increase video production exercises and assignment 	1. Added more video production assignments, such as creating short documentaries,
4 2022-2023		interview-style videos, and news packages.
	More use of ICT to help students with difficult texts in class.	2. Utilized e-learning platforms and digital tools, such as PowerPoint, YouTube videos, and
	2 P 11 - 1 22 C 1 - 2 1 - 2 1	podcasts, to explain complex topics.
	 Provide opportunities for classroom discussions to improve confidence. More focus on comparative exam syllabus to encourage broad thinking. 	Introduced comparative media studies as a part of exam preparation and assignments. Introduced comparative exams syllabus units focusing on different types exams.
	Note focus on comparative exam synabus to encourage broad timiking. Increase camera and editing techniques exercises.	Expanded the curriculum to include more practical workshops on advanced camera
	5. Increase carriera and carring techniques exercises.	handling, lighting setups, and editing techniques.
5 2023-2024	 More focus on application of media tools. 	Introduced new projects focused on short films, interviews, and documentaries.
	Create more opportunities for students to be employed.	2. Integrated hands-on training sessions on industry-standard media tools like Adobe
	**	Premiere Pro, Final Cut Pro, Audacity for audio editing, and Canva for graphic design.
	Training and workshops to help students' expansion skill.	3. Collaborated with media companies and digital platforms to provide internship and job
		placement opportunities.
	Include study visit to media industry.	Organized workshops or training to expand economic skills of student.
	Include more outdoor social activities to society.	Conducted workshops on digital content creation, social media marketing, and video production. Industry experts led these sessions, providing students with valuable insights and
		hands-on skills.
	Provide more practice sessions of news anchoring for digital media.	1. Established weekly practice sessions for news anchoring, where students practiced on-
6 2024-2025	1. Trovide more practice sessions of news unchoring for digital media.	camera presence, teleprompter reading, and live news delivery.
	Organized guest lectures and workshops for additional knowledge.	2. Conducted multiple guest lectures and workshops with professionals from the digital
		journalism and media industries.
	Provide more practice sessions for video editing.	3. Increased the frequency of video editing workshops, where students were given practical
		assignments to edit various types of media content, such as news reports and short films.
	4. Provide study materials in simpler language for semi-urban students.	4. Simplified core study materials and made them available both in print and digital formats.
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Department of Marathi Consolidated Table of Suggestion and action taken

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r.No 1	Year 2019-20	2)मुद्रितशोधन, प्रकाशन व्यवसाय, ग्रंथ संपादन, मुलाखत लेखन इत्यादी गेरं क्षेत्रातील अद्ययावत माहितीचे विद्यार्थ्यांना मार्गदर्शन मिळावे. 2) 3) मराठी भाषेतून उद्योग व्यवसायाच्या संधी निर्माण करणारे अभ्यासक्रम असावेत. 4) निवेदन व सूत्रसंचालन कौशल्यांविषयी विद्यार्थ्यांसाठी मार्गदर्शनपर 3) व्याख्यानांचे आयोजन करण्यात यावे वि	Action Taken . अस्मिता भित्तिपत्रक उद्घाटनानिमित्त अखिल भारतीय मराठी साहित्य मेलनाचे अध्यक्ष, साहित्यिक श्रीपाल सबनीस यांचे व्याख्यानाचे आयोजन केले ते.(दि.१४/०८/२०१९) विद्याध्योमध्ये वाचनाची गोडी निर्माण व्हावी यासाठी वाचन प्रेरणा दिन व ोजागिरी काव्य मैफिलीचे आयोजन करण्यात आले.(दि.१५/१०/२०१९) समीक्षक व कवी मा.शामसुंदर मिरजकर यांचे मार्गदर्शनाखाली मराठी भागाच्या वतीने वर्षभरात २ सूत्रसंचालन कार्यशाळा घेण्यात आल्या. .२४/१०/२०२० व दि.१२/०२/२०२०)
2	2020-21	उपयोजित लेखन कौशल्ये विकसित होतील असा अभ्यासक्रम असावा. वैज्ञानिक रष्टीकोन विकसित होर्सल अशा घटकांचा अभ्याक्रमात समावेश करावा. स्पार्थे विज्ञानिक रष्टीकोन विकसित होर्सल अशा घटकांचा अभ्याक्रमात समावेश करावा. सावांचित गद्यः या साहित्य प्रकारची ओळख होईल असा अभ्यासक्रम असावा. सामाजिक क्षेत्रात उल्लेखनीय कार्यं करणाऱ्या व्यक्तींचा अभ्यासक्रमात समावेश व्हा 2)	स्तर्काचा अभ्यासक्रमात समावेश केला. उपयोजित लेखन कौशल्पे विकसित होतील असा अभ्यासक्रम तयार केला. विज्ञान सृष्टी हे वैज्ञानिक दृष्टीकोन विकसित करणाऱ्या पुस्तकाचा अशा घटकांचा अभ्याक्रमात मावेश केला. 'उद्याच्या सुंदर दिवसांसाठी' 'लोलंत गद्य' पुस्तकाचा समावेश अभ्यासक्रम तयार केला.
3	2021-22	 उपयोजित लेखन कौशल्ये विकसित होतील असा अभ्यासक्रम असावा. उ 	राकाचा जन्माताप्रमात समावरा करा।. मुंथ परीक्षण हा उपयोजित लेखन कौशल्पे विकसित होतील अशा घटकांचा अभ्यासक्रमात मावेश केला .

		4) उद्योजकता विकसित होईल असे उपक्रम आयोजित करावे .	 दि.१०/०२/२०२२२ रोजी शेती व्यवसायाशी निगडीत आधुनिक शेतीचे तंत्रज्ञान या व्याख्यानाचे आयोजन करण्यात आले
4	2022-23	विद्यार्थ्यांमध्ये नाटकाची आवड निर्माण व्हावी असा अभ्यासक्रम असावा सामाजिक क्षेत्रात उल्लेखनीय कार्य करणाऱ्या व्यक्तीचा अभ्यासक्रमात समावेश व् उपयोजित लेखन कौशल्ये विकसित होतील असा अभ्यासक्रम असावा. वैज्ञानिक दृष्टीकोन विकसित होईल अशा घटकांचा अभ्याक्रमात समावेश करावा.	 विद्यार्थ्यांमध्ये कथेची आवड निर्माण व्हावी असा अभ्यासक्रम असावा.
		विद्यार्थांकर कथांच्या माध्यमातून जीवनमूल्यांचे सुसंस्कार घडविणाऱ्या कथांचा अभ् विद्यार्थ्यांमध्ये भाषिक कौशल्ये आत्मसात करण्याची क्षमता विकसित करणारा अथ्	प्रा) विद्यार्थ्यांमध्ये नाटकाची आवड निर्माण व्हावी असा अभ्यासक्रम तयार केला. १२) जीवन वेथ या सामाजिक क्षेत्रात उल्लेखनीय कार्य करणाऱ्या व्यक्तीचा समावेश असणाऱ्या
5	2023-24	 विद्यार्थ्यांना मानव्य विद्या या शाखेचा परिचय होईल अशा घटकांचा अभ्यासक्रमात मराठी साहित्य निर्मिती विषयक उपक्रम राबविण्यात यावा 	पुस्तकांचा अभ्यासक्रमात समावेश केला. १ ३) उपयोजित लेखन कोशल्ये विकांसेत होतील असा अभ्यासक्रम तयार केला. 4) विज्ञान सृष्टी हे वैज्ञानिक दृष्टीकोन विकसित करणाऱ्या पुस्तकाचा अशा घटकांचा अभ्याक्रमात समावेश केला.
		 'लित गद्य' या साहित्य प्रकारची ओळख होईल असा अभ्यासक्रम असावा आधुनिक मराठी साहित्याची ओळख होईल असा अभ्यासक्रम असावा 	 उद्याच्या सुंदर दिवसांसाठी 'लिलत गद्य' पुस्तकाचा समावेश अथ्यासक्रम तयार केला. इ.स.१८१८ ते २००० कालखंडातील आधुनिक मराठी साहित्याचा अभ्याक्रमात समावेश केला
6	2024-25	3) लेखन कौशल्ये विकसित होतील असा अभ्यासक्रम असावा.	 ग्रंथ परीक्षण हा उपयोजित लेखन कोशल्ये विकसित होतील अशा घटकांचा अभ्यासक्रमात समावेश केला.
		 उद्योजकता विकसित होईल असे उपक्रम आयोजित करावे . 	 दि.१०/०२/२०२२२ रोजी शेती व्यवसायाशी निगडीत आधुनिक शेतीचे तंत्रज्ञान या व्याख्यानाचे आयोजन करण्यात आले
		Department of Mathematics	
	Curriculum	Suggestions and Action Taken on curriculum Suggestions	Action Taken
	Year	1. Incomprete advanced topics such as successive differentiation and the Leibnitz	1. Successive differentiation and the Leibnitz theorem were incorporated into the EV P.Sc.
	1 2019-20		Successive differentiation and the Leibnitz theorem were incorporated into the F.Y.B.Sc. Semester-II Mathematics Calculus course. L.N. Herstein's reference book was included in the M.ScI Semester-II Mathematics
			Linear Algebra course. e 3. The curriculum was adjusted to ensure better alignment with current industry needs and
			expectations by introducing practical on computer programming and other relevant topics
		4. Ensure that the curriculum aligns with current industry needs and expectations 1. Enhance Practical Components: Increase the emphasis on practical applications	s 1. The practical components of the B.Sc. and M.Sc. Mathematics curricula have been
	2 2020-21	Include Emerging Topics: Introduce emerging mathematical topics and technic	updated to include more real-world applications and hands-on experiences.
			t 1. The textbook for "Metric Spaces" was changed to "Metric Spaces" by Shirali, Springer, as
	3 2021-22	2. Enhance the practical components of the T.Y.B.Sc. Mathematics courses to inc	part of the curriculum update for the academic year 2021-2022.
			x 3. Project is added to introduced technological tools and software to enhance computational skills and align with industry practices.
		1. Revise the F.Y.B.Sc. Mathematics curriculum to include more practical, real-	1. Amendments were made to the F.Y.B.Sc. curriculum. Problem sets in the Algebra and Calculus courses were revised to include real-world applications such as optimization and
	4 2022-23		linear systems. These were implemented in the final curriculum for the academic year 2022- 2023.
	4 2022 20	2. Introduce more elective courses in advanced areas of mathematics, such as $^{\prime\prime}$	C2. The syllabus for F.Y.B.Sc.(Comp. Sci) was updated to include "Graph Theory" as a compulsory course (UCSMT111), while "Numerical Methods" was made an elective option
		3. Introduce integral concepts early in the curriculum to better prepare students	for M.ScI Mathematics under the course PSMT114. f. 3. The F.Y.B.Sc. "Calculus-I" course was updated to emphasize introductory integral concepts, laying a foundation for M.Sclevel topics like Measure Theory and Advanced Calculus.
	5 2023-24		udent employability. n I. Curriculum for S.Y.B.Sc. and S.Y.B.Sc. (Comp. Sci.) Semester III was approved with increased practicals and Python programming.
		 M.ScII Curriculum: - Add more reference materials and consider interdiscipl Incorporate industry-relevant skills (e.g., Python) and revise practicals to focus 	3. Practical components were revised to focus on software-based tasks.
	6 2024-25	 Offer more electives and include soft skills training like communication and lea Update the syllabus for S.Y.B.Sc. to align with NEP-2020, focusing on practic 	
			s 2. Research modules and industry collaborations were added to the M.Sc. curriculum. i 3. Digital resources were increased, and students were provided access to new online
			platforms like National Digital Library of India (NDLI).
		4. Expand access to digital learning materials and online resources for students.	
Sr. No.	Year	Department of Microbiology Suggestions	Action taken
	1 2019-20	Scope of space microbiology to be included.	· Included detailed sections on significant contributions from key scientists in molecular biology and biotechnology, such as:
		The content of History of Microbiology to be kept as it is. Inclusion of contributions of scientists in molecular biology and biotechnology.	James Watson and Francis Crick's discovery of DNA structure.
		· Concept of molarity and normality.	and anaerobic bacterial respiration. Unique Focus: Updated the syllabus to provide distinct perspectives on each type of
		· Regarding M. Sc. I, inclusion of bioinformatics was suggested, however this	respiration, avoiding redundancy and ensuring that each topic is covered uniquely. S. Consolidated Information: Grouped related topics and emphasized differences, advanced concepts, or applications to provide a more comprehensive understanding without overlap.
		· No repetitions in relation to few topics such as aerobic and anaerobic bacter	Content Reviewed: Evaluated the existing coverage of bioinformatics in M. Sc. II to
		Revise the syllabus of enzyme kinetics.	avoid duplication. M. Sc. I Adjustments: If bioinformatics is foundational in M. Sc. I, ensured it
			complements rather than overlaps with advanced topics in M. Sc. II. Provided introductory materials in M. Sc. I that prepare students for more complex concepts in M. Sc. II.
	2020.21	· With the introduction of credit-based semester and grading system and cont	ii · Integrated continuous evaluation components, including Internal and External
	2020-21	· To assist students in developing research skills in general and in specific are	Assessments, into the revised syllabus to meet the new educational requirements. a · Research Integration: Incorporated research proposal and research project
	2	Sem III theory courses including MICRO 5301 Immunology, MICRO 5302	research, develop research proposals, and potentially collaborate with relevant industries or
		· This M. Sc. II programme will enable graduate students to pursue doctoral	research institutes. Skill Development: Emphasized the importance of these components in fostering research skills, project management, and in-depth subject exploration.



References should be incorporated in all T. Y. B.Sc. theory and practical pap -2021-22 Proper formatting is required for all the papers. Overall syllabus is good. The core content of each paper is strong and comple-Paper Code: MICRO-3506 Paper: Theory Paper Title: Food and Dairy Micro o Do not include definition of food in sensory characters of food Sensory characters of food- Definition of food, Paper Code: MICRO 3504 Paper: IV; Title: Immunology – I Primary lympho

Micro:3502, Genetics and Molecular Biology I

Reviewed and updated the formatting of all papers to ensure consistency. This includes font size, headings, and overall layout to meet standard academic formatting guidelines.

Ensured that the core content of each paper is comprehensive and aligns with the course objectives. Continued to maintain the strength and completeness of the syllabus.

Incorporated appropriate references for each theory and practical paper to support the

Removed Redundant Content: Excluded the definition of food from the section on sensory characteristics.

Updated Content: Adjusted sensory characteristics of food as needed.

core content and provide students with sources for further reading.

Replaced "Bursa" with "Bone marrow" in the context of primary lymphoid organs for human biology.

Changed "mucous associated lymphoid tissue" to "mucosa associated lymphoid tissue."

Included a section on skin diseases caused by microbial pathogens.

Transplantation and Immunity you can add Transplantation Immunology inst \cdot Included a brief overview of epidemiological monitoring organizations and their roles in infectious disease control.

> Included a section on enzyme-based biosensor devices and their industrial and diagnostic applications.

Included a new section on cytokines.

Confirmed that the syllabus covers essential topics comprehensively

These actions ensure that the syllabus is accurate, comprehensive, and well-formatted, Topic II: A brief overview of the epidemiological monitoring organisations (s meeting the expectations set by the reviewers

Introduced an overview of CRISPR-Cas gene editing mechanisms and bacterial genetic defense mechanisms

Fixed spelling error in "Direct Microscopic Count" (was "Direct Microscopic 8icount").

An introduction to the topic of CRISPR-CAS gene editing mechanism/bacter · Micro: 3503, Enzymology The concept of enzyme based 'biosensor devices' .

Concepts and factors affecting 2mmunogenicity; Spelling mistake. It should 1.

Paper Code: MICRO 3507 Paper: Practical Course - I, Title: Applied Microb

Direct Microscopic 8icount: Spelling mistake Paper Code: MICRO:3501 Paj ·

Topic I: A sub-topic on Skin diseases caused by microbial pathogens may be -

Micro: 3504, Immunology I A sub-topic on cytokines may be added to the sy

Micro: 3505, Fermentation Technology-I The contents of the syllabus cover most of the important topics and seem adequate.

References should be incorporated in all T. Y. B.Sc. theory and practical pap \cdot

Proper formatting is required for all the papers.

Overall syllabus is good. The core content of each paper is strong and comple-

The topic on genetic modification of microbes for optimal production of inter

Unit 1. Introduction to Chemotherapy: A topic on Lipinski's rule of five can 1.

Certain spellings errors can be corrected.

PSMB114 Cell biology- A point on specialized compartments such as lysosc ·

Two suggestion regarding practical course PSMB 116 Cell biology and bioc \cdot

A point on probability distribution curve and its uses in checking data quality . Proper formatting is required for all the papers.

Overall syllabus is good. The core content of each paper is strong and comple-

PSMB 122 Instrumentation Electrophoresis: Add (i) preparative electrophore Practical PSMB 125 Biophysics and Virology DELETE: Biological synthesis ·

Add: Density gradient centrifugation in Separation of biomolecules

Add: Paper chromatography and TLC

PSMB 113 Biochemistry Unit 1: Add pKa of weak acids/bases and pH titrat ·

PSMB 114 Cell Biology Unit 1: Add Biomembrane Unit 2: Add Transport a · PSMB 113 Biochemistry Add Relation between PH and dissolved Oxygen

Inclusion of more categories of bacteria in papers I Remove construction part in electron microscopy in paper II.

Add atomic spectroscopy in PSMB122

Include the effect of substrate concentration on enzyme kinetics in PSMB123

Include the concept of pH and buffer in USMB232 Include the types of bioreactors in USMB232

Include learning objectives and learning outcomes in USMB232 4

Remove the grammatical errors, correct punctuation etc

Add 'model organisms' in first subtopic in PSMB235

Add the subtopic 'waste from biopharma industry' in PSMB234.

Include the Applied Immunological part

Changed "2mmunogenicity" to "Immunogenicity."

Renamed "Transplantation and Immunity" to "Transplantation Immunology."

References have been incorporated into all T.Y. B.Sc. theory and practical papers. This ensures that each paper includes appropriate citations and bibliographic details, enhancing the

academic rigor and credibility of the content. Proper formatting has been applied to all papers as per the established guidelines. Each paper now adheres to uniform formatting standards, providing a professional and consistent appearance across all documents.

The overall syllabus has been reviewed and confirmed to be good. The core content of each paper is strong and complete, meeting the required educational standards and objectives.

The topic on Lipinski's Rule of Five has been added to Unit 1: Introduction to Chemotherapy. This addition enriches the syllabus by providing important information on the pharmaceutical aspects of chemotherapy.

The topic on genetic modification of microbes for optimal production of intermediate molecules through fermentation has been included. This addition enhances the coverage of advanced fermentation techniques and their applications.

Spelling errors in all papers have been reviewed and corrected. The revised documents are now free of spelling mistakes, ensuring clarity and professionalism in the presentation of content.

Specialized Compartments: Added a point on specialized compartments such as lysosomes and endosomes Added a point on the probability distribution curve and its uses in checking data quality.

Added a point on research ethics.

Added a point on the protocol for disaster management of accidental spillage of hazardous chemicals/cultures. Implemented proper formatting for all the papers to ensure consistency and clarity.

DELETE: Biological synthesis of nanoparticles.

DELETE: Calibration of colorimeter/spectrophotometer by estimation of biomolecules.

ADD: Density gradient centrifugation in the separation of biomolecules. ADD: Paper chromatography and TLC

Unit 1: Added pKa of weak acids/bases and pH titration curve for weak acids/bases

Unit 4: Added water-soluble vitamins

Expanded the content in relevant papers to include a broader range of bacterial categories, enhancing coverage and diversity in the study of microbiology.

Removed the section on the construction of electron microscopes from Paper II, streamlining the content to focus on practical applications and techniques.

Included a section on atomic spectroscopy in PSMB122 Instrumentation to cover its principles, techniques, and applications.

Added content on the effect of substrate concentration on enzyme kinetics to PSMB123 Biochemistry, covering relevant concepts such as the Michaelis-Menten equation and enzyme activity.

Learning objectives and outcomes have been clearly defined for USMB232. This ensures that students have a clear understanding of what they are expected to achieve by the end of the course and how these objectives align with their learning and practical applications.

The syllabus for USMB232 has been thoroughly reviewed and revised to correct grammatical errors and improve punctuation.

Learning objectives and outcomes have been clearly defined for USMB232. The syllabus for USMB232 has been thoroughly reviewed and revised to correct imatical errors and improve punctuation.

The subtopic on model organisms has been added to the first subtopic in PSMB235.

Added key figures in microbiology: Louis Pasteur, Robert Koch, and others.



4 2022-23

5 2023-24

The syllabus has been thoroughly reviewed and revised to correct grammatical errors Remove the grammatical errors, correct punctuation etc. and improve punctuation Proper formatting is required for all the papers. Added basic classification and taxonomy. Include basic classification and taxonomy Implemented proper formatting for all the papers to ensure consistency and clarity. Add key figures in microbiology (e.g., Louis Pasteur, Robert Koch). Added key figures in microbiology (e.g., Louis Pasteur, Robert Koch). Add Basic principles of microscopy and staining techniques. Added Basic principles of microscopy and staining techniques. Remove the grammatical errors, correct punctuation etc. reviewed and revised to correct grammatical errors and improve punctuation. Proper formatting is required for all the papers. The syllabus has been thoroughly reviewed and revised to correct grammatical errors and improve punctuation. Add Structure, working and ray diagram of Bright Field Microscopy: MIB-1. Implemented proper formatting for all the papers to ensure consistency and clarity. Specify aberrations in lenses : MIB-102-MJM Specifed aberrations in lenses: MIB-102-MJM Include types of stains (Basic and Acidic) MIB-102-MJM Included types of stains (Basic and Acidic) in MIB-102-MJM Include characteristics of an ideal disinfectant in course code: MIB-102-MJM Remove the grammatical errors, correct punctuation etc. The syllabus has been thoroughly reviewed and revised to correct grammatical errors 6 2024-25 and improve punctuation. (21/06/24) Implemented proper formatting for all the papers to ensure consistency and clarity Proper formatting is required for all the papers. Added the examples of microbes in houshold product in course code MIB-103-OE Add the examples of microbes in houshold product in course code MIB-103-Add the methods of cultivations in MIB-151-GEN Added the methods of cultivations in MIB-151-GEN Remove the grammatical errors, correct punctuation etc. The syllabus has been thoroughly reviewed and revised to correct grammatical errors and improve punctuation. Proper formatting is required for all the papers. Implemented proper formatting for all the papers to ensure consistency and clarity In MIB-261-MN Added counting cells by Neubauer's chamber MIB-254-MJM Add introduction to industrial microbiology instead of indust In MIB-254-MJM Added introduction to industrial microbiology MIB-261-MN add Diauxic growth and synchronous growth instead of cultur · MIB-261-MN Add counting cells by Neubauer's instead of Neubauer. In MIB-261-MN added Diauxic growth and synchronous growth Department of Philosophy Year Action Taken Suggestions 1 2019-2020 1. Introduce more courses on contemporary and interdisciplinary topics. 1. Evaluating the demand for additional courses based on student feedback. Provide more opportunities for faculty development and training. 2. Planning additional workshops and conferences for continued professional growth. 3. Expand career services to include more workshops and job placement assistanc 3. Organized workshops on resume building, interview techniques, and job search strategies. Upgrade library resources. 4. Enhanced library collections with new texts and digital resources. 1. Students expressed a desire for more contemporary topics, such as ethics in tecl 1. Courses on "Jain Philosophy" and "Logic" were introduced in the 2021-2022 academic 2 2020-2021 2. Students suggested incorporating more interactive and discussion-based learnin 2. Core courses were reviewed and updated to include recent philosophical debates and interdisciplinary content. 3. There were requests for more online resources and access to contemporary jour 3. The department library was updated with new books and resources based on the latest developments in philosophy 1. Offline classes to be held 1. In accordance with the instructions of the authorities, the college will reopen. Online 3 2021-2022 classes are now being held on a scheduled basis until then 2. It cannot be avoided because classes are taken online. When creating timetables, the 2. Long screen time due to online classes department will consider how much time students spend on screens. 3. Coverage of syllabus on time and discussion of the performance of students in i 3. Online courses are offered on time. TIC regularly assesses the situation with reference to status of the curriculum's completion. Teachers also discuss the assignments and tests conducted with the students during tutorials. 4. Students' mental and emotional needs to be taken care of. 4. The college offers counseling sessions to students on a regular basis. The College also offers the choice of personal counseling services. Teachers have always welcomed students to discuss their issues and concerns. Mentor-mentee session and Contact Periods are used to discuss such issues on one-to-one basis 1. Stakeholders suggested updating the curriculum to include contemporary philos 1. The curriculum was reviewed and updated to include recent developments in philosophy 4 2022-2023 and logic. 2. Recommendations were made to incorporate more interactive learning methods 2. Interactive learning methods, including group discussions, debates, and workshops 3. There was a call for more professional development opportunities for faculty to 3. Faculty members have reported increased satisfaction with their professional growth opportunities. The department plans to continue offering these development programs. 4. Use easy-to-understand examples when teaching literary theories. 4. Simplified the teaching of literary theories using relatable and easy examples 1. Requests for more courses related to environmental ethics and non-Western phi 1. Courses on "Environmental Ethics," "Logc," and "Comparative Philosophy" were 5 2023-2024 introduced in the 2023-2024 academic year. 2. Interest in courses that connect philosophical theories with real-world applicatio 2. Practical applications of philosophical theories were integrated into existing courses, with a focus on ethics in business and technology. 3. Online discussion forums and virtual seminars were introduced to encourage in 3. Conducted a classroom practice on public speaking, encouraging students to give short speeches in English. 4. Need for graduates who can integrate philosophical thinking with other disciplir 4. Joint courses and research initiatives were launched in collaboration with the Economics, Law, and Environmental Studies departments. 1. Suggestions for introducing more courses on contemporary issues, including diq 1. Courses on " Ethics" and " Logic" were launched, with "Eastern Philosophical Traditions" 6 2024-2025 scheduled for the semester. 2. Request for more interactive and experiential learning opportunities, such as wc 2. Modules focusing on practical applications in ethics, technology, and public policy were integrated into existing courses. 3. Suggestions for enhanced support for research, particularly in interdisciplinary ¿ 3. Workshops and debates were conducted, and plans for field studies are in progress. 4. career-oriented courses that bridge the gap between philosophical theory and pr 4. Case studies and simulations were incorporated into the curriculum, receiving positive feedback from students 5. Employers highlighted the importance of strong communication skills, particula 5. Further integration of career-oriented modules into the curriculum Department of Physics Vear Suggestions Action Taken 2019-2020 Focus on enhancing analytical skills through assignments. Designed assignments that encourage systematic writing. Include presentation exercises in the curriculum. 2. Added extra basic concepts in the syllabus More focus on foundational concepts. 3. Introduced everyday communication and reading practice sessions, emphasizing interviews and presentations Emphasize communication skills and basic professional interactions. 4. Designed assignment for outdoor photography. Include outdoor photography in Photography subjects 5. 2020-2021 Include current affaire or India after independence in syllabus. Included the India after independence in syllabus. Arranged the local visit to Nagar parishad and old age home Organize local to media organisation and government institution.

Focus on reading exercises for news anchoring.



3. Introduced additional comprehension exercises to develop reading skills.

2021-2022 Include digital media in the syllabus 1. Included digital media course and content in the syllabus Increase practical component for digital media content 2. Introduced practical projects that require students to create blogs, podcasts, and social media content. 3 Increase focus on internship opportunities. 3. Collaborated with digital media firms, online news portals, and content marketing agencies to provide internship opportunities. Organize workshop of industry professionals. 4. Conducted workshops featuring professionals from the media industry. Increase video production exercises and assignment 1. Added more video production assignments, such as creating short documentaries, 2022-2023 interview-style videos, and news package More use of ICT to help students with difficult texts in class. 2. Utilized e-learning platforms and digital tools, such as PowerPoint, YouTube videos, and podcasts, to explain complex topics. Provide opportunities for classroom discussions to improve confidence 3. Introduced comparative media studies as a part of exam preparation and assignments. 4. Introduced comparative exams syllabus units focusing on different types exams. 4. More focus on comparative exam syllabus to encourage broad thinking. 5. Increase camera and editing techniques exercises. 5 Expanded the curriculum to include more practical workshops on advanced camera handling, lighting setups, and editing techniques. 2023-2024 1. Introduced new projects focused on short films, interviews, and documentaries. More focus on application of media tools 2. Integrated hands-on training sessions on industry-standard media tools like Adobe 2. Create more opportunities for students to be employed. Premiere Pro, Final Cut Pro, Audacity for audio editing, and Canva for graphic design. 3 Training and workshops to help students' expansion skill. 3. Collaborated with media companies and digital platforms to provide internship and job placement opportunities. Include study visit to media industry. Organized workshops or training to expand economic skills of student. Include more outdoor social activities to society. 5. Conducted workshops on digital content creation, social media marketing, and video production. Industry experts led these sessions, providing students with valuable insights and hands-on skills. 1. Provide more practice sessions of news anchoring for digital media. 1. Established weekly practice sessions for news anchoring, where students practiced on-2024-2025 camera presence, teleprompter reading, and live news delivery. 2. Organized guest lectures and workshops for additional knowledge. 2. Conducted multiple guest lectures and workshops with professionals from the digital journalism and media industries. Provide more practice sessions for video editing. 3. Increased the frequency of video editing workshops, where students were given practical assignments to edit various types of media content, such as news reports and short films. 4. Provide study materials in simpler language for semi-urban students. 4. Simplified core study materials and made them available both in print and digital formats. Department of Politics Action Taken Suggestions 1 2019-2020 Focus on enhancing analytical skills through assignments and case studies. Designed assignments that encourage analytical thinking on political scenarios. Include more discussions on current political events and ideologies. Added extra sessions focusing on current political events and ideologies. More emphasis on foundational political theories and institutions. Introduced foundational modules covering key political theories and institutions 4. Emphasize political communication and public speaking skills. Implemented sessions on political communication, emphasizing public speaking and debates. Provide more guidance on how to analyze political documents, speeches, and 5. Provided guidance on analyzing political speeches and policy documents using simplified methods Include easier-to-understand political case studies and examples from Indian 1. Introduced simple and engaging political case studies and examples from Indian and 1. 2 2020-2021 international politics. Organize essay competitions and debates to improve critical thinking and wri 2. Held regular essay writing and debate competitions. Focus on political ideologies and institutions for better understanding. Focused on political ideologies and institutions in a more structured and simplified manner. Include more comprehension passages of political speeches and documents tr 4. Introduced additional comprehension exercises using political speeches and documents to develop reading skills. 1. More focus on improving political discussions and debates through regular pi 1. Implemented regular political discussions and debates in class to improve student 3 2021-2022 confidence in presenting ideas. Introduce a basic refresher module on key political theories for students strug 2. Introduced a political theory refresher module in the first few weeks of the semester. Practical communication activities, like mock debates, to boost confidence in 3. Conducted mock debates and role-play activities to build students' confidence in formal 3. political settings Provide opportunities for classroom discussions to improve political analysis. 4. Organized classroom discussions where students analyzed and debated political issues in groups. Offer additional sessions on how to structure answers in exams for political s 5. Delivered lectures on how to structure exam answers, focusing on clarity and conciseness in political science writing. Include more practical political writing skills like report writing and policy an 1. Added practical writing tasks like report writing and policy analysis to help students 4 2022-2023 develop real-life political skills. More reading sessions where teachers help students with difficult political te; 2. Held reading sessions where teachers and students worked through difficult political documents together. political issues in groups. More focus on comparative politics to encourage broad thinking. 4. Introduced comparative politics units focusing on simple case studies from different countries Include basic communication skills relevant to politics, such as report writing 5. Added a module on political communication, covering report writing and public speaking skills. Use easy-to-understand examples when teaching complex political theories. 6. Simplified the teaching of complex political theories using relatable and easy examples. More focus on understanding political ideologies and concepts through audit 1. Integrated audio resources like political speeches and interviews for listening

Create more opportunities for students to practice group discussions on polit 2.

comprehension practice.

presenting political ideas.

4. Request for more examples of real-world application of political science con 4. Integrated real-world examples to demonstrate the application of political science concepts.

5. Focus on continuous assessment to track progress in understanding political the 5. Implemented continuous assessment, including quizzes and short tests, to monitor

progress in understanding political theories.

informal.

Training in public speaking to help students gain confidence in presenting pc 3. Organized public speaking activities like debates and speeches to boost confidence in

Conducted regular group discussion sessions on political topics, both formal and

5 2023-2024

3.



1. Provide more practice with basic political analysis and writing for students fi 1. Provided additional practice for students with weak political analysis skills, focusing on basic political concepts.

2. Offer bridge courses at the start of the year to help students who struggle wi 2. Introduced bridge courses to UG and PG first year classes at the start of the semester to help students strengthen their understanding of political science fundamentals.

3. Emphasize interactive teaching methods to engage students more effectively 3. Adopted interactive teaching methods, including role plays, group discussions, and interactive reading sessions on political topics.

4. Encourage peer discussions to promote collaborative learning in political science classrooms.

5. More attention to basic political concepts for better analysis.

5. Implemented extra sessions on basic political concepts and analysis to strengthen

understanding.

semi-urban areas can follow along easily.

6. Developed and provided simpler study materials and notes to ensure students from

Department of B.Voc Retail Management

6. Provide study materials in simpler language for semi-urban students.

Department of B.Voc Retail Management						
Sr. No	Year	Consolidated Table Of Suggestion Suggestion	& Action Taken Action Taken			
Sr. No	1 ear	1) Parlicipative and Collaborative learning	For providing hands-on experience to the students' participation and collaboration of students is			
1	2018-19		taken in every activity			
		2) External Expertise from companies for betterunderstanding of students to be pro-				
		Should cover more case studies and practical orientation	3) For providing hands on experience to students college provides internship.			
		More on the job or practical work should he provided. There should be provision for entrepreneurship development.	 Students will be equipped with more field-work from nearby retail sector A new subject on entrepreneurship development, 4 credits, is introduced in semester 6. 			
2	2019-20		2) A new subject on entrepreneursing development, 4 credits, is introduced in seniester of			
		3) Internship and Guide from Industries need to be invited and consulted	3) Internship to be provided by the college with consultation and concurrent demand from the market. 30 Days for each semester			
		1) Industrial visits should be planned & execute	Planned & but not eecuted because of COVID Pandemic			
3	2020-21	2) Focus on industry requirements as per changing era after COVID	2) Curriculum inculcates with industry requirements as per changed era after COVID			
		3) Practical Approach in teaching and syllabus should be there	3) The pedagogies like Role Play experiential learning case studies are used by the faculties'			
		1) Focus on Digital International business should be there.	1) There is a separate subject on Digital marketing where the students will be equipped with more field-work from the nearby retail sector			
		2) There should be more emphasis on core retail practice of statutory compliance	· · · · · · · · · · · · · · · · · · ·			
4	2021-22		too.			
		3) Technology is now an integral part of Retail and runs across all areas of a retail	Deep Dive into Customer Experience and Digital Marketing – Solutions – Online Marketing - Inbound, Outbound, Customer Targeting, Customer Service, Customer Campaigns etc. Retail Marketing Strategies are no more discussed on drawing boards, its now all on Digital Platform. Hands-on approach is essential for getting a job in organized Retail anywhere.			
		1) Students must have effective public speaking skills should be a key focus area.	1) Business Communication I & II should focus on giving enough confidence to the students			
5	2022-23		to proactively oral			
·	2022 20	Corporate professionals' visits to be arranged for real-life experiences and guid	, 5			
		3) Experiential learning should be given for students	Incorporated hands-on activities, simulations, and experiments to teach students. Paired students with faculty who can guide and mentor them for career			
		Mentorship programs for students Industry partnerships for MoU	Collaborate with industry partners to develop curriculum and provide opportunities for			
6	2023-24		students.			
		3) Capstone projects should incorpotare in Curriculum	3) Require students to complete a comprehensive project that demonstrates their skills and knowledge incorporated in Retail Store operations 4			
		Department of	of Statistics			
	Year	Suggestions	Action Taken			
		Arrange Industrial Trips in each year.	We discussed the suggestion regarding Study tours in BoS Meeting and decided to add in third year UG and PG course. Industrial trips were arranged for third year UG and PG students. Trips for other years are planned for the Even semester, due to logistical challenges. Feedback from students was collected to improve the experience for future trips.			
	2019-202	Add certificate courses or workshops related Competitive exams.	Introduce short-term certificate courses or workshops designed to help students prepare for competitive exams such as GATE, NET, and other entrance tests. Collaborate with external institutions or experts for conducting these sessions.			
	•	Increase use of computers in practical courses.	The use of R and Excel has been integrated into the curriculum as part of the practical course.			
		Introduce the use of statistical software like R , Minitab , SPSS , excel in the secon	The use of $\bf R$ and $\bf Excel$ has been integrated into the curriculum as part of the practical course			
		Implement case studies and projects based on real world applications of statistic	in the second year. c Projects on environmental data analysis were given as part of the curriculum of MSc			
	2020-202	* * * * * * * * * * * * * * * * * * * *	Statistics. Students worked in groups to analyze and interpret the data, focusing on social issues.			
-		Implement group projects that encourage students to work collaboratively on sta	t Elective courses like Clinical trials and Micro-Array Data Analysis have included for MSc Part II students. Also, two days' workshop on "Statistics in Medicine" was conducted in collaboration with ED Cell.			
		Introduce advanced courses in Statistical Modeling and Predictive Analytics , c	A A workshop on Predictive Analytics, CART was organized, focusing on regression, decision trees, and machine learning models.			
	3 2021-202	2	MOUs has signed with industry experts and institutes, and arranged training programs to enhance the technical skills in students			
			u Elective courses in Actuarial Science , official Statistics and Biostatistics were introduced in the third-year curriculum.			
		Introduce an introductory module on Data Science and Analytics , covering basis	c Design lab practical where students analyze real-world datasets using statistical tools like Excel and R.			
		Enhance the practical component of Descriptive Statistics and Probability Theo	a A course was introduced that covers the quadratic form, Rank and nullity, reduction of QF to			
	2022-202	3	diagonal form such topics added in Linear Algebra course and some basic to advance Calculus techniques and Numerical analysis techniques were added, focusing on applications such as matrix algebra in linear regression and calculus in optimization.			
		Include a course/module focusing on the basics of advance Linear Algebra technology	r Elective courses in Actuarial Science, official Statistics and Biostatistics were introduced in the third-year curriculum.			
		Include a course on Computational Statistics using tools like R, Python, and E $$	Skill Enhancement Course, VSC, Indian Knowledge Systems courses introduced in first year syllabus as per NEP pattern, in which students are acquiring all suggested skills.			
	5 2023-202		d Workshops were conducted to teach advanced data visualization techniques in Power BI and Tableau and statistical programming skills in Python, R .			
			AURCH			

		Provide practical industry experience to students.	Internship/on job training or field project course has introduced in PG Course.				
		Include a comprehensive course on Research Methodology , teaching students he	A comprehensive course on Research Methodology was introduced, with practical sessions on data collection, statistical analysis, and report writing.				
		Introduce a course on machine learning and data mining that covers algorithms	Students were given hands-on experience with algorithms like linear regression , k-means clustering , and decision trees using Python .				
	2024-2025	Introduce Python, SQL, Power BI software in Second year UG and PG class to	Workshops were conducted to teach advanced data visualization techniques and statistical				
6	2024-2025		programming skills.				
		Include industry projects or research project as a mandatory part of the curricular to the curricular and th	Students completed projects that involved applying statistical models to real-world data, improving their computational proficiency.				
	Department of Zoology						
		Consolidated Table of Suggestions & Action Taken on Curriculum					
Sr. No.	Year	Suggestions	Action Taken				
		D Exposure to techniques in cent blology like centrifugation & chromatography.	Ø Introductory part on Centrifugation & chromatography included in curriculum of FYBSc.				
	2019-20	Ø Training on vermitechnology	Ø An activity based practical on preparation of vermiculture bed has been introduced in FYBSc.				
1		Ø Study of cyclosis in protozoa.	Ø A practical based on cyclosis has been introduced in the curriculum.				
		Ø CRISPER technology	\emptyset Theoretical information on CRISPER technology has been included in the curriculum.				
		Ø Give the training on NET/SET preparation.	Ø A workshop had been arranged on the NET/SET preparation.				
		of the daming on the 175E1 preparation.	of the workshop had been arranged on the (VET/BET proparation).				
		Ø Include some interesting topics on general Zoology. Ex. Mimicry, Buoyancy, et Ø Subunits on buoyancy & mimicry are included in the curriculum of SYBSc.					
		Ø Give us exposure to some applied aspects of Zoology, like Pearl culture, Dairy	Ø Subunits on Pearl culture & Dairy Science are added in the curriculum of the course				
2	2020-21	Ø C:	Applied Zoology of SYBSc.				
		by Give some information on opportunities in Life Sciences in general & Zoology	Ø A workshop had been arranged on the on Advances & Opportunities in Life Sciences.				
		Ø Basic information on neuroendocrine aspects in animals.	$\ensuremath{\mathcal{O}}$ An unit on neuroendocrinology was included in the curriculum of M.Sc.				
		$\emptyset\;$ Add concept of histopathology about cancer of colon, lung & uterus.	Ø Subunits on histopathology of cancer of mammalian organs like colon, lung, uterus has been included in the curriculum.				
		Ø Please give us information about carbon footprint in environmental biology.	Ø Concept of carbon footprint has been included in curriculum of TYBSc.				
3	2021-22	Ø We need some practical knowledge about advanced techniques in molecular bi Ø A workshop had been arranged on the DNA barcoding under the MoU with Paul Habert Centre for DNA Barcoding & Animal Diversity Studies, Dr. BAMU, Chatrapati Sambhajinagar.					
		Ø Please give us training of pest control.	Ø A workshop had been arranged on the Pest Control in collaboration with the Krishi				
			Vidnyan Kendra, Malegaon, Baramati.				
			Ø 61 % 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
	2022-23	Ø Include the basic concepts like alpha, beta, and gamma taxonomy.	Ø Subunits on basic concepts like alpha, beta, and gamma taxonomy are included in the curriculum of FYBSc.				
4		Ø We want to know about color changes in fish.	Ø A practical on study of fish chromatophore has been added to the curriculum.				
-	2022-23	Ø Add concepts like growth & commitment in the Developmental Biology.	Ø Concepts of growth & commitment has been included in the curriculum of M.Sc.				
		Give us training about aquarium.	Ø A workshop had been arranged on the Construction & maintenance of fresh water aquarium in collaboration with the College of Fisheries, Shirgaon, Ratnagiri.				
	2023-24	Ø Start an agro-based entrepreneurial course in the curriculum.	Ø A course on Freshwater Fishery has been introduced in local language as an Open Elective course under NEP-2020 for FY.				
		Ø Start skill-based practical course helpful for self-employment.	Ø A practical course has been introduced based on some basic techniques in medical				
5		built sain sused practical course helpful for self-employment.	laboratory technology.				
		Ø Start some practical-based course for local agricultural needs.	Ø An open elective course has been introduced on Agricultural Pest Control in local				
		Ø Arrange hands-on training about some aquaculture techniques.	language for FY. Ø A workshop had been arranged on the Fresh water Pearl culture technique.				
		2					
		Ø Start a course on Ecology & Environmental Biology.	\emptyset New courses on Ecology & Environmental Biology are introduced for the class SYBSc.				
		Ø Please start a separate course on Dairy Science.	Ø A new course on Dairy Science has been introduced in the B.Sc.				
6	2024-25		Ø A skill-based course on Insect collection, preservation & identification of pest insects has				
			been included in the curriculum of M Sc				



 \emptyset Arrange training on vermiculture..



 $\ensuremath{\mathcal{O}}$ A workshop has been arranged on vermiculture as an entrepreneurial practice.

been included in the curriculum of M.Sc.