



STUDENT PERFORMANCE AND LEARNING OUTCOMES

MARATHI

Name of the class	Subject & Title of the paper	Objectives of the syllabus
FYBA	DSC a Marathi katha Kavita	कथेची अभिरुची विकसित करून कथेच्या अभ्यासाची क्षमता विकसित होते. १) काव्याची अभिरुची विकसित करून कवितेच्या जाणिवा आणि नेनीवा विकसित होतात.
FYBSc	कथा आणि लेखन कौशल्य यांचा अभ्यास	माणदेशी माणसं कथासंग्रहातील कथांतील संघर्ष निवेदन व भाषा या अंगाने वैशिष्ट्ये जाणवतात
SY BA	वैचारिक वांग्मयाचा अभ्यास	महात्मा फुले यांच्या साहित्याची वेगळेपण आणि त्यांचे विद्या विचार विद्यार्थ्यांना सत्यशोधक चळवळ इकडे प्रेरित करताना दिसतात आणि जाणवतात
SYBA s-1	Arwachin Kala kandathil Kadambari cha abhyas	अवकाळी पावसाच्या दरम्यानची गोष्ट या कादंबरीतील शेतकऱ्याची जीवन कथा अवस्था तीच जाणीव हा विद्यार्थ्यांच्या मनापर्यंत पोचून शेतकऱ्याबद्दल ची जाणिवा निर्माण होतात.

SYBA s-2	Sahitya Swarup vichar	पौरात्य व पाश्चिमात्य साहित्यशास्त्रातील विविध संकल्पनांचा परिचय विद्यार्थ्यांना करून घेता येतो.
SYBA DSE(MIL)	मुद्रित माध्यमांसाठी लेखन कौशल्य व संवाद कौशल्य	मुद्रित शोधनाचे शोरूम कौशल्य आत्मसात करून विद्यार्थ्यांना वृत्तपत्रांचे महत्त्व विशद करणे
SYBA SKILL	श्राव्य माध्यमांसाठी लेखन व संवाद	न भवानी माध्यमांसाठी भाषण श्रुतिका लेखन निवेदनाचे स्वरूप विद्यार्थ्यांनी आत्मसात कशी करावी या संदर्भातल्या जाणीव नेणीव जागृत करणे
TYBA DSC Marathi E	एकांकिका लेखनाचा व ललित गद्य लेखनाचा अभ्यास	१)एकांकिका या नाट्य प्रकाराचे स्वरूप वाटचाल व उद्दिष्टे इत्यादी घटकांचा अभ्यास करून विद्यार्थ्यांना त्याचे महत्त्व पटले २) ललित गद्य या वांगमय प्रकाराची संकल्पना वाटचाल यांची जाणीव होऊन ललित गद्य त्याचे महत्त्व विद्यार्थ्यांना पटले.
TYBA DSE -3	मध्ययुगीन मराठी वांगमय प्रकाराचा अभ्यास	मध्ययुगीन मराठी वांगमयाचा इतिहास व साहित्यकृतींच्या परिचय करून घेणे
TYBA DSE. 4	मराठीचा भाषिक अभ्यास	मराठी भाषेचे स्वरूप उत्पत्ती भाषाकुल संकल्पना परिचय करून घेणे
TYBA GE 3 Generic	मराठी लोकरंगभूमी	लोकरंगभूमी, लोकसाहित्य किर्तन, भारुड, तमाशा, लोकनाट्य इत्यादीचे परिचय करून घेणे
TYBA DSE MIL	माध्यमांसाठी लेखन व संवाद	दूरचित्रवाणी विविध समाज माध्यमांचा परिचय करून घेणे
TYBA SEC Skill	लेखन कौशल्य निबंध लेखन	निबंध लेखनाचे स्वरूप प्रकार ग्रंथ परीक्षण लेखकाचा परिचय करून घेणे
SYBSc	मराठी विज्ञान व विनोदी कथांचा अभ्यास (ललित लेखन)	कथा वांगमयाचा परिचय करून कथेतील विज्ञानकथा चा अभ्यास करून त्यातले मर्म जाणून विद्यार्थ्यांमधील नेनेवा जागृत करणे.
M.A I	मराठी वांगमयाचा इतिहास प्रारंभ ते अठराशे अठरा	मध्ययुगीन गद्य पद्य वांगमयाचा जाणवा समजून घेणे.
M.A I	समीक्षा आणि संशोधन	साहित्य समीक्षा याविषयीची जाण आणि दृष्टिकोन जाणून घेणे
M.A. I	साहित्यकृतींचा अभ्यास	साहित्यिकांच्या साहित्यकृतीतून सामाजिक वांगमयीन प्रेरणांचा शोध घेणे
M.A. I	वैचारिक साहित्य	वैचारिक साहित्याची ओळख करून विचारवंतांचे कार्य समजावून देणे.

HINDI

Name of the class	Subject & Title of the paper	Objectives of the syllabus
T.Y.B.A.	HIND352 S-3 Hindi Sahitya ka Itihas	1)हिंदी साहित्या की विविध विधाओंका परिचय 2) संत साहित्या का परिचय
	SEC हिंदी व्याकरण तथा अभिव्यक्ति कौशल्य, अशुद्धी शोधन	1) छात्रोंको हिंदी भाषाका परिचय देणा 2) संक्षेपण, पल्लवन, शुद्धलेखन क्षमता विकसित करना
FYBA	DSC A 1 हिंदी कथा संचय	I)छात्रों को हिंदी कहानी विधा से परिचित कराना II) मानवीय मूल्यों के प्रति आस्था निर्माण कराना III) कहानियों के माध्यम से सामाजिक संवेदना को जागृत करना
S.Y.B.A.S1	DSE 1 A हिंदी काव्यशास्त्र	I)काव्यशास्त्र का सामान्य परिचय कराना II) काव्य के विविध विधाओं से परिचित कराना
SY BA MIL	MIL 1 हिंदी लेखन कौशल्य मीडिया एवम साहित्य (लघुकथा)	I) छात्रों को रचनात्मक लेखन से अवगत कराना II) लघुकथाओं के माध्यम से मानवीय मूल्यों का संवर्धन एवम संरक्षण कराना
T.Y.B.A. G3	DSC E (A) हिंदी विशेष विधा यात्रा साहित्य	I) यात्रा साहित्य विधा से छात्रों को अवगत कराना II) मेरी जापान यात्रा इस साहित्य कृति के माध्यम से छात्रों में यात्रा साहित्य लेखन की कला से परिचित कराना
TYBA MIL	MIL HINDI (CBCS) संपादन लेखन और साहित्य (मुद्रित माध्यम)	१) छात्रों को संपादकीय कला से अवगत कराना । २) संपादक की योग्यता, दायित्व और महत्व से परिचित कराना ।
TYBA S4	DSE IV (A) Hindi हिंदी भाषा का विकास	१)भाषा की परिभाषाओं तथा विशेषताओं से छात्रों को अवगत कराना । २) हिंदीकेप्रचार एवम प्रसार मे खांदेश के साहित्यकारों के योगदान से अवगत कराना ।

TYBA Generic	G-I (A) Hindi की राष्ट्रीय काव्यधारा	१) हिंदी की राष्ट्रीय काव्य धारा से छात्रों को परिचित कराना । २) हिंदी की राष्ट्रीय काव्यधारा के प्रमुख कवियों का सामान्य परिचय देना ।
FYBA	DSC HIN A-1 कथा संचयन	1) छात्रों को कहानी विधा से परिचित कराना। 2) छात्रों में मानवीय मूल्यों के प्रति आस्था निर्माण करना।
FYBSc	AEC HIN A-1 भाषिक संप्रेषण और साहित्य	1) हिंदी भाषा और साहित्य की जानकारी प्राप्त करना। 2) भाषा की व्यावहारिक उपयोगिता का ज्ञान प्राप्त करना।
SYBAG-2	DSC 1 G-2 कथेतर गद्य विधाएँ	1) कथेतर गद्य विधा का विकासात्मक परिचय कराना। 2) छात्रों में मूल्य संवर्धन कराना।
SYBA	SEC-1 भाषिक संप्रेषण	1) हिंदी भाषा के स्वरूप से छात्रोंकोपरिचित कराना। 2) संप्रेषण के प्रमुखप्रकारों से छात्रों का परिचय कराना।
SYBA S-2	DSE II (A) S-2 उपन्यास विधा	1) छात्रों को उपन्यास विधा का विकासात्मक परिचय कराना। 2) मानवीय मूल्यों के साथ छात्रों को हिंदी के प्रमुख उपन्यसकारों का सामान्य परिचय देना।

ENGLISH

Department of English	After successful completion of three year degree program in English student should be able to;
Programme Outcomes	1) Students should be familiar with representative literary and cultural texts within a significant number of historical, geographical, and cultural contexts. 2) Students should be able to apply critical and theoretical approaches to the reading and analysis of literary and cultural texts in multiple genres 3) Students should be able to identify, analyze, interpret and describe the critical ideas, values, and themes that appear in literary and cultural texts and understand the way these ideas, values, and themes inform and impact culture and society, both now and in the past 4) Students should be able to write analytically in a variety of

	<p>formats, including essays, research papers, reflective writing, and critical reviews of secondary sources.</p> <p>5) Students should be able to ethically gather, understand, evaluate and synthesize information from a variety of written and electronic sources</p> <p>6) Students should be proficient in oral communication and writing.</p>
Programs Specific Outcome	<p>1) Understand major and minor forms of literature.</p> <p>2) Have developed interest in literature and language.</p> <p>3) Enjoy reading the short stories, poems, novels and dramas.</p> <p>4) Know the literary theories, terms and concepts in Criticism.</p> <p>5) Appreciate the literary works.</p> <p>6) Understand the structure and function of grammatical units.</p> <p>7) Know the use of language at semantic and syntactic levels. The students could</p> <p>8) Use English effectively in formal and informal situations.</p> <p>9) Attempt creative writings.</p> <p>10) Know phonological and morphological aspects of English.</p> <p>11) Be employable and ready to do jobs in industry, government, schools and offices.</p> <p>12) Have enriched confidence to appear for competitive examinations.</p>
English Special Paper-III Indian Writing in English and America Literature	<p>1) Students got acquainted with the growth of Indian drama and novel in English.</p> <p>2) Students evaluate, analyze, appreciate and criticize prescribed drama and novel.</p> <p>3) Students got acquainted with the social, political and cultural background and literary Movements of the 20th century.</p> <p>4) Students are well versed with the developments in American poetry and novel.</p>
Compulsory English	<p>1) Students will get fluent in four basic skills of English Language i.e. Listening, Speaking, and Reading & Writing (LSRW).</p> <p>2) Students got proficiency in Communication</p> <p>3) Inculcated moral & ethical values among the students.</p> <p>4) Students are well versed reports writing and other technical communication</p>

ECONOMICS

Name of the class	Subject & Title of the paper	Objectives of the syllabus
TYBA	1) Economics-Indian Economy Since 1980 -III & IV	<p>1. To enable students to have understanding the various issues of Indian Economy.</p> <p>2. To develop the analysing capability in the context of current Indian Economic Problems.</p> <p>3. To able the students for appearing the MPSC, UPSC and other competitive Examinations.</p>

	2) Economics of Public Finance I & II	<ol style="list-style-type: none"> 1. To enable students to have understanding the various issues of Public Finance and Policies. 2. To develop the analyzing capability in the context of Public Finance and Policies. 3. To enable the students for appearing the MPSC, UPSC and other competitive Examinations.
	3) Theory of International Trade and Practices I & II	<ol style="list-style-type: none"> 1. To enable students to have understanding the various issues of International Trade and Practices. 2. To develop the analyzing capability in the text context of International Trade and Practices 3. To able the students for appearing the MPSC, UPSC and other competitive Examinations.
	4) Modern Banking & Indian Financial Market(SEC)	<ol style="list-style-type: none"> 1. To provide the students basic knowledge of Banking & Financial market. 2. To provide the information of Indian Banking system. 3. To updated the students about new changes and technology in Banking. 4. To know the relevance of banking practices in modern competitive world.
	5) Indian Economic Environment- I & II	<ol style="list-style-type: none"> 1. To introduce the students Economics Environment for Business. 2. To provide the information of Indian Economics Environment. 3. To update the students about new reform in Indian Economy. 4. To prepare the students for competitive examination.

HISTORY

Name of the class	Subject & Title of the paper	Objectives of the Syllabus
T.Y.B.A.	G3 History of Modern Europe(1781-1913)	<ol style="list-style-type: none"> 1)Develop an interest in students to study the History as discipline 2) To encourage students to pursue carrier in Competitive Examinations
	S3-History of India (1750-1857)	<ol style="list-style-type: none"> 1)To introduce various perspectives of the Modern India.

		2) To develop the spirit of nationalism among students.
	S4- History of India (1206-1526)	1)career and job oriented syllabus 2) To make awareness about research.
	SEC3HIS354 Travel and Tourism in India	1)To introduce the students to the concept and nature of Tourism. 2) To acquaint the students about tourism planning.
T.Y.B.A.	GE1A HIS355 Making of Contemporary India-1	This course presents some important vignettes of a complex, highly diverse India that also witnessing unprecedented change since its formal independence in 1947 from Great Britain.

GEOGRAPHY

Name of the class	Subject & Title of the paper	Objectives of the syllabus
FYBA		
SYBA		<ol style="list-style-type: none"> 1. To develop and communicate basic conceptual framework of Geo Tourism. 2. To realize its potentials and against achieved in the Indian context. 3. To understand the various Geo tourism. 4. To know the role and responsibilities, economic growth of Tourism industry in India. 5. To evaluate the role of various organization of tourism. 6. To know the importance of the sustainable tourism. 7. To develop Socio cultural aspects for the Tourism geography.

TYBA		1. To create the environmental awareness amongst the students. 2. To acquaint the students with fundamental concepts of Environmental Geography. 3. To aware the students about the processes and patterns in the natural environment. 4. To acquaint the students with potentials of Environmental Geography. 5. To aware the students about use of resources with prudence. 6. To acquaint the students with different environmental policies.
FYBSC		
SYBSC		

CHEMISTRY

Name of the class	Subject & Title of the paper	Objectives of the syllabus
T.Y.B.Sc	CH-341:Physical Chemistry	1) The course aims to give fundamental understanding and applications of electrochemical Cells, Nuclear Chemistry, Crystal structure and Quantum Chemistry. Students get to know thermodynamics and EMF, Chemical cell with and without transfer, application of EMF measurement such as pH determination, determination of solubility and solubility product. Basic elements of quantum chemistry are also introduced.
	CH- 342: Inorganic Chemistry	1)Students are made aware of chemistry of f block elements principles and applications of catalysis, organometallic chemistry and the principles
	CH -343:Organic chemistry	1) Students are introduced with carbanions and their reactions. Retrosynthetic analysis concepts are explained to students. 2) Rearrangement reactions are introduced with mechanistic approach. Spectroscopic techniques

	CH 344: Analytical Chemistry	1)The students are trained in the technique of separation, identification of purification using chromatographic techniques like TLC,GC,HPLC,
	CH-345: Industrial Chemistry	1) Students are expected to learn properties, ways to manufacture or process and application of different types of polymer, paints, pigments, dyes, soaps, detergents and cosmetics. 2) Students also learn theoretical aspect of industrial chemistry
	CH-346 (B): Polymer Chemistry	1)This course gives deep knowledge of polymer science. They learn in details Polymer Degradation, Chemical and Geometrical structures of Polymer
	CH- 347: Physical Chemistry Practical	1) Students are trained in the techniques such as pH metry, Conductometry, Potentiometry, Colorimetry, Spectrophotometry, Refractometry and G. M. Counter. 2) They learn to use these techniques in order to different instruments
	CH- 348: Inorganic Chemistry Practical	1) Students are trained in the IQA of different mixtures of inorganic compounds, and the separation of the metal ions using chromatographic techniques and inorganic quantitative analysis using the techniques of gravimetry, volumetry,
	CH-349: Organic Chemistry Practical	1) Chemistry is an experimental subject; practical course is proposed to achieve the basic skills required for understanding the reactivity of organic molecules and validating the basic principles. 2. It helps in development of practical skills of the students & understanding the importance of chemical safety and also explains the factors affecting reaction outcomes and yields.

ZOOLOGY

Department of Zoology	After successful completion of three year degree program in Zoology student should be able to;
Programme Outcomes	1) Understand the unity of life with the rich diversity of organisms and their ecological and evolutionary significance

	<p>2) Identify animals beneficial to humans</p> <p>3) Identify various potential risk factors to health of humans</p>
Programs Specific Outcome	<p>1) Explain the importance of genetic diversity, genetic engineering, hot spot of diversity of living animals.</p> <p>2) Use tools of Bioinformatics for all activities related to genomics and proteomics.</p> <p>3) Understand various physiological processes in our bodies</p>
Course Code	Outcomes
Zoo 351:Nonchordates	1) Ability to understand the fascinating world of invertebrates, their usefulness
Zoo 352 : Cell and Molecular Biology	<p>1) Explain the fine structure and functions of cell organelles.</p> <p>2) Understand the tools in molecular biology and its implications in human welfare.</p>
Zoo 353: Mammalian Histology and Physiology	1) Ability to understand the fascinating world of invertebrates, their usefulness
Zoo 354: Biochemistry	1) Understand the chemical nature of life and life process, Biomolecules and their biological significance
Zoo 355 : Systematics, Evolution and Paleontology	<p>1) Develop a holistic approach towards taxonomy, phylogeny and adaptations in animals as well as understand concept of evolution.</p> <p>2) Understand the pre-existing animal world and fossil of extinct biota</p>
Zoo 356 : A)Biotechnology B) Pest management C) Public health and hygiene	<p>1) Expose the learners to the emerging field of research in Genetic engineering &transgenes is and Significance of human genome project</p> <p>2) Understand the agricultural and household pest and their control</p> <p>3) Understand the need of maintenance of personal and public hygiene</p>
VII Practical I Zoo 357 Practicals related to Zoo 351d Zoo 353	Ability to understand the fascinating world of invertebrates, their usefulness
VIII Practical II Zoo 358 Practicals related to Zoo 352 and Zoo 355	<p>1) Explain the fine structure and functions of cell organelles.</p> <p>2) Understand the tools in molecular biology and its implications in human welfare.</p> <p>3) Develop a holistic approach towards taxonomy, phylogeny and adaptations in animals as well as understand concept of evolution.</p> <p>4) Understand the pre-existing animal world and fossil of extinct biota</p>

IX Practical III Zoo 359 Practicals related to Zoo 354 and Zoo 356	Understand the chemical nature of life and life process, Biomolecules and their biological significance Expose the learners to the emerging field of research in Genetic engineering & transgenics and Significance of human genome project Understand the agricultural and household pest and their control Understand the need of maintenance of personal and public hygiene
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Semester-VI

After completion of these courses students should be able to;

Course Code	Outcomes
Zoo 361: Chordates III	Ability to understand the fascinating world of vertebrates and their usefulness as well as their diversity
Zoo 362: General Embryology	Understand the mechanism of development of animals
Zoo 363 : Mammalian Histology and Physiology II	Ability to distinguish tissues with their structural details with functions Understand the physiological process in detail and its disorders
Zoo 364: Research Methodology	Inculcate the research attitude with details of research and publication, presentation.
Zoo 365: Microtechnique	Understand the process of preparing permanent slides of preserve tissue
Zoo 366 : A) Bioinformatics B) Sericulture C) Applied Zoology III (Vermiculture, Poultry and Fisheries)	Ability to apply information technology to biological data Understand the process of rearing the silk worm and its significance Ability to apply the knowledge of rearing of earthworm, poultry birds and freshwater as well as marine fishes for the well-being of human
VII Practical I Zoo 367 Practicals related to Zoo 361d Zoo 363	Ability to understand the fascinating world of vertebrates and their usefulness as well as their diversity Ability to distinguish tissues with their structural details with functions Understand the physiological process in detail and its disorders
VIII Practical II Zoo 368	Understand the mechanism of development of animals Understand the process of preparing permanent slides of preserve tissue

Practicals related to Zoo 362 and Zoo 365	
IX Practical III Zoo 369 A) Practical related to Zoo 364 , Zoo 366 and Project work	Inculcate the research attitude with details of research and publication, presentation. Ability to apply information technology to biological data Understand the process of rearing the silk worm and its significance Ability to apply the knowledge of rearing of earthworm, poultry birds and freshwater as well as marine fishes for the well-being of human

BOTANY

Name of the class	Subject & Title of the paper	Objectives of the syllabus
F.Y. B Sc. Paper -I	Sem. -I Diversity of Microorganism Algae and Fungi Sem. -II Diversity of Archegoniate	To create awareness about importance of plant and their role for human welfare
F.Y. B Sc. Paper -II	Sem. -I Plant Taxonomy Sem. -II Plant Ecology	To know various types of plants occurring on earth with their natural habitat, habit and their role in concerned ecosystems.
S.Y. B.Sc. Paper -I	Sem. -I Plant Embryology Sem. -II Plant Physiology	To educate student about the Physiological processes and embryological developmental stages in plants. It reveals the nutrient uptake and its translocation and transpiration to coordinate the various processes.
S.Y. B.Sc. Paper -II	Sem. -I Plant Anatomy Sem. -II Plant Metabolism	To studying integrated organismal structure and function of plants. To educate student about the mechanism and physiological processes in plants. It helps to reveal the relationship between structure, function, taxonomy ecology and developmental genetics

MATHEMATICS

Name of the class	Subject & Title of the paper	Objectives of the syllabus
S.Y.B.Sc.	MTH301-Calculus of several variables	To understand basic concepts of the subject and uses of limits, continuity, derivative, Integration, partial differentiation and theorem on it i.e. shawrtz's theorem, Young's theorem , Chain rule I and II, Euler's, theorem,Taylor's theorem Maclaurin's theorem, Mean Value Theorem And Applications of suchthings in other subjects, in reaserch
	MTH-302 Group theory	To knows basic things of the subject and application of group , subgroup Homomorphism Isomorphism,rings in software languages of computer and scientific research
	MTH-303 Mathematics practical on MTH-301 Calculus of several variables and MTH-302 Group theory	To encourage for solving unsolved Problems of MTH - 301 Calculus ofSeveral variables and MTH-302 Group theory through practical
	MTH-304 Set theory and logic	To understand basic things of the subject and application of set theory , relation and functions, logic in every day Life
	MTH-401Comlex Analysis	To study basic concepts of the subject and application of complex numbers, modulus , amplitude, limits , continuity, differentiability, integration, uses of these things in other subjects and scientific research in
	MTH-402 Differential equations	To know the importance of the differential equations and application of the differential equations in other subjects and in reasearch field.
	MTH-403 Mathematics practical on the basis of MTH-401 Complex analysis and MTH-402 Differential equations	To encourage the students solving for the unsolved problems of MTH-401 Complex Analysis and MTH-402. Differential equations through Mathematics practical

	MTH-404 Vector Calculus (SEC)	To understand basic things of the subject i.e. definition of scalar and vector triple product , uses of limits continuity, differentiability in Vector Calculus , to know the importance and physical significance of gradient, divergence, irrotational and solenoidal Vector, importance of law of conservation of matter, scalar field and vector field , D. D. , Scientific uses of Green theorem, stokes theorem and Guass divergence theorem.
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PHYSICS

Name of the class	Course Title	Course Outcomes
FYBSc	Basic Mechanics Dynamics and Elasticity LAB -I	<p>The student should be able to acquire</p> <ul style="list-style-type: none"> • (i)A fundamental/systematic or coherent understanding of the academic field of Physics, its different learning areas and applications in basic Physics like Material science, Nuclear Physics, Condensed Matter Physics, Atomic and Molecular Physics, Mathematical Physics, and its linkages with related disciplinary areas / subjects like Chemistry, Mathematics,; • (ii) procedural knowledge that creates different types of professionals related to the disciplinary/subject area of Physics, including professionals engaged in research and development, teaching and government/public service; • Demonstrate the ability to use skills in Physics and its related areas of technology for formulating and tackling Physics-related problems and identifying and applying appropriate physical principles and methodologies to solve a wide range of problems associated with Physics. • Recognize the importance of mathematical modeling simulation and computing, • Plan and execute Physics-related experiments or
SYBSc	Electricity and Electrostatics Magnetism and Electromagnetism LAB -II	

		<p>investigations, analyze and interpret data/information</p> <p>collected using appropriate methods including the use of appropriate software such as programming languages</p> <ul style="list-style-type: none"> • Demonstrate relevant generic skills and global competencies such as (i) problem-solving skills that are required to solve different types of Physics-related problems with well-defined solutions, (ii) communication skills involving the ability to listen carefully, to read texts and research papers analytically and to present complex information; (iv) ICT skills; (v) personal skills such as the ability to work both independently and in a group.
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