

**YEAR PLAN 2026-27  
STD X ENGLISH**

<b>MONTH</b>	<b>MAIN TEXT [FIRST FLIGHT]</b>	<b>SUPPLEMENTARY READER [FOOTPRINTS WITHOUT FEET]</b>	<b>GRAMMAR</b>	<b>WRITING</b>
<b>MARCH (19)</b>	<b>UNIT 1</b>	<b>UNIT 1 - A Triumph of Surgery</b>	Determiners	Letter of Complaint
	a. A Letter to God			
	b. Dust of Snow(P)			
	c. Fire and Ice(P)			
<b>APRIL (7)</b>	<b>UNIT - 2</b>	<b>UNIT 2 - The Thief's Story</b>		
	a. Nelson Mandela : Long Walk to Freedom			Letter of Enquiry
	b. A Tiger in the Zoo (P)			
	<b>UNIT - 3 (Not included for P1)</b>			
	a. Two Stories About Flying			
	I. His First Flight			
<b><i>PERIODIC TEST 1 ( 8 JUNE to 15 JUNE)</i></b>				
<b>JUNE (23)</b>	<b>UNIT-3</b>			
	II. Black Aeroplane	<b>UNIT 3 - The Midnight Visitor</b>	Tenses	Letter for Placing Order
	a. How to Tell Wild Animals (P)	<b>UNIT 4 - A Question of Trust</b>		
	b. The Ball Poem (P)			
<b>JULY (25)</b>	<b>UNIT 4</b>			
	a. From the Diary of Anne Frank	<b>UNIT 5 - Footprints Without Feet</b>		Letter to the Editor (Not included for P2)

	b. Amanda!		Modals	Analytical Paragraph ( <b>Not included for P2</b> )
	<b>UNIT -5</b>			
	a. Glimpses of India			
	I. A Baker From Goa			
	II. Coorg			
	III. Tea From Assam ( <b>Not included for P2</b> )			
<b>PERIODIC TEST 2 - ( 27 JULY to 5 AUG )</b>				
<b>AUG (16)</b>	<b>UNIT -5</b> The Trees (P)			
	<b>UNIT-6</b>	<b>UNIT 6-</b> The Making of a Scientist	Sub-verb concord	
	a. Mijbil the Otter			
	b. Fog (P)			
	<b>UNIT -7</b>			
	a. Madam Rides the Bus			
<b>SEP (22)</b>	<b>UNIT 7</b>	<b>UNIT 7 -</b> The Necklace		
	b.The Tale of Custard the Dragon (P)	<b>UNIT 8 -</b> Bholi	Reported Speech	
	<b>UNIT 8</b>			
	a. The Sermon at Benares			
	b. For Anne Gregory (P) ( <b>Not included forP3</b> )			
<b>PERIODIC TEST 3 / PRE-MODEL EXAM - (28 SEPT TO 9 OCT )</b>				
<b>OCT (22)</b>	<b>UNIT 9 -</b> The Proposal	<b>UNIT 9 -</b> The Book that Saved the Earth		
<b>FIRST MODEL EXAMINATION (AKBME) - 23 NOV 2026 TO 14 DEC 2026</b>				
<b>SECOND MODEL - 4 JAN 2027 TO 22 JAN 2027</b>				

**BHARATIYA VIDYA BHAVAN, KOCHI**

**YEAR PLAN FOR THE ACADEMIC YEAR 2026-2027**

**HINDI STD X**

MONTH	TOPIC	SUB-TOPICS	CONCEPTS
मार्च - अप्रैल	पद्य	कबीर - साखी	नैतिक मूल्यों पर आधारित ज्ञान
	गद्य	बड़े भाई साहब	अनुभव ज्ञान और व्यावहारिक ज्ञान का सामंजस्य
	व्यावहारिक व्याकरण	मुहावरे	व्याकरणिक शिक्षा
	लेखन कार्य	अनुच्छेद लेखन , लघुकथा लेखन , औपचारिक पत्र , विज्ञापन लेखन	लेखन विधि , शुद्ध लेखन शैली का विकास
जून	<b>PERIODIC TEST -1 PORTIONS :- कबीर - साखी , बड़े भाई साहब , मुहावरे , विज्ञापन लेखन , पत्र लेखन , अपठित गद्यांश</b>		
	पद्य	मीरा-पद	ईश्वर भक्ति
	पूरक पुस्तक	हरिहर काका	रिश्तों की अहमियत
	व्यावहारिक व्याकरण	पदबंध	व्याकरणिक शिक्षा
	रचनात्मक लेखन	सूचना लेखन , अपठित गद्यांश	शुद्ध लेखन शैली का विकास
जुलाई	पद्य	मनुष्यता	मानवता
	गद्य	डायरी का एक पन्ना	देशप्रेम
	पूरक पुस्तक	सपनों के से दिन	बाल मनोविज्ञान
	व्यावहारिक व्याकरण	समास	व्याकरणिक शिक्षा
	<b>PERIODIC TEST - 2 PORTIONS :- मीरा के पद , डायरी का एक पन्ना , हरिहर काका , पदबंध , लघु कथा लेखन , सूचना लेखन , अपठित गद्यांश</b>		

अगस्त	पद्य	कर चले हम फ़िदा ,आत्मत्राण	सैनिक जीवन की चुनौतियाँ /देशप्रेम ,आत्मोद्धार
	गद्य	तताँरा-वामीरो कथा ,अब कहाँ दूसरे के दुःख से दुखी होने वाले	रूढ़ियाँ बंधन नहीं , मानव हित के लिए हो ,पर्यावरण और मानव - अटूट संबंध
	रचनात्मक लेखन	औपचारिक ई - मेल लेखन	लेखन विधि
सितंबर	पद्य	तोप , पर्वत प्रदेश में पावस	ताकत पर घमंड न करना , प्रकृति के प्रति ज़िम्मेदारी
	गद्य	तीसरी कसम के शिल्पकार शैलेन्द्र	धन लिप्सा रहित कला के प्रति सौ प्रतिशत समर्पण
	पूरक पुस्तक	टोपी शुक्ला	मित्रता , धार्मिक समरसता
अक्टूबर	<p>PERIODIC TEST-3-PORCTIONS</p> <p>खंड -क - अपठित गद्यांश</p> <p>खंड -ख - पदबंध,समास,मुहावरे</p> <p>खंड -ग - गद्य - बड़े भाई साहब , डायरी का एक पन्ना, तताँरा -वामीरो कथा , अब कहाँ दूसरे के दुःख से दुखी होने वाले, तीसरी कसम के शिल्पकार शैलेन्द्र</p> <p>पद्य - कबीर -साखी , मीरा -पद , मनुष्यता , कर चले हम फ़िदा , आत्मत्राण, पर्वत प्रदेश में पावस , तोप</p> <p>पूरक पुस्तक - हरिहर काका , सपनों के से दिन , टोपी शुक्ला</p> <p>खंड -घ - लेखन - अनुच्छेद लेखन, औपचारिक पत्र लेखन,सूचना लेखन, विज्ञापन लेखन , लघु कथा लेखन , औपचारिक ई -मेल लेखन</p>		
	गद्य	पतझर में टूटी पत्तियाँ ,कारतूस	व्यावहारिक आदर्शवाद , बौद्ध दर्शन ,देशप्रेम और साहस
	व्याकरण	रचना के आधार पर वाक्य रूपांतरण	वाक्य गढ़न
नवंबर /दिसंबर	FIRST MODEL EXAM - FULL PORTION - (QUESTION PAPER PATTERN - CBSE BOARD EXAM PATTERN )		

<b>जनवरी</b>	<b>SECOND MODEL EXAM - FULL PORTION - (QUESTION PAPER PATTERN - CBSE BOARD EXAM PATTERN )</b>
<b>फरवरी - मार्च</b>	<b>BOARD EXAM</b>

**BHARATIYA VIDYA BHAVAN, KOCHI KENDRA**  
**YEAR PLAN FOR THE ACADEMIC YEAR 2026-27**  
**MALAYALAM**  
**CLASS - X**

MONTH	TOPIC	SUB-TOPICS	CONCEPTS	EVALUATION
ഏപ്രിൽ	ഭാഷ പുതുതം സംസ്കാരം തളിർത്തു	1. കഥകളതിമോഹനം ( പദ്യം)	*കിളിപ്പാട്ട് പ്രസ്ഥാനത്തിന്റെ പ്രാധാന്യം, *രചനാപരമായ സവിശേഷതകൾ *സംസ്കാരത്തെ രൂപപ്പെടുത്തുന്നതിനും നിലനിർത്തുന്നതിലും ഭാഷ വഹിക്കുന്ന പങ്ക് *സർഗാത്മക ഉപാധിയായ ഭാഷയുടെ മഹത്വം	
	രചന	വാക്യപ്രയോഗം,വാക്യശുദ്ധി അവധാരണം കത്ത്(ഔദ്യോഗികം)	സാമൂഹികാവബോധം ഭാഷാസിദ്ധി രൂപഘടന	
ജൂൺ	വിസ്തൃതലോകവിതാനത്തിൽ	2. മണ്ണും മനുഷ്യനും ( ഗദ്യം)	*പ്രകൃതിയും മനുഷ്യനും - പാരസ്പര്യത്തിന്റെ നേർചിത്രം *ചെറുകഥയുടെ ഭാഷാപരമായ സവിശേഷതകൾ , ആഖ്യാനരീതി	P 1 : 1. കഥകളതിമോഹനം  * അവധാരണം *കത്ത് (ഔദ്യോഗികം)
	അറിവിന്നറിവായ് നിറവായ്	3. എന്റെ ഭാഷ ( പദ്യം )	*സംസ്കാരത്തെ രൂപപ്പെടുത്തുന്നതിലും നിലനിർത്തുന്നതിലും ഭാഷവഹിക്കുന്ന പങ്ക് *സർഗാത്മക ഉപാധിയായ ഭാഷയുടെ മഹത്വം *മനുഷ്യരിലെ വൈകാരിക ഉപാധിയായി വർത്തിക്കുന്ന മാതൃഭാഷ	
	വ്യാകരണം	കർത്തരി പ്രയോഗം കർമ്മണിപ്രയോഗം അംഗാംഗി വാക്യങ്ങൾ	ഭാഷാപ്രയോഗശേഷി	

<p>ജൂലൈ</p>	<p>*ഭാഷ പുതുതം സംസ്കാരം തളിർത്തുതം</p> <p>* ഏകോദര സോദരർ നാം</p>	<p>4. മാതൃഭാഷ നമ്മുടെ ഉള്ളിൽ ഒഴുകുന്ന ജീവനദി ( ഗദ്യം)</p> <p>5. വിഷ്ണുക്കണി ( പദ്യം) HPC</p>	<p>* മനുഷ്യരിലെ വൈകാരിക ഉപാധിയായി വർത്തിക്കുന്ന മാതൃഭാഷ</p> <p>*മാതൃഭാഷയ്ക്ക് മേലുള്ള അധിനിവേശത്തിന്റെ പ്രത്യുഘാതങ്ങൾ</p> <p>* സ്വാതന്ത്ര്യം സമത്വം സാഹോദര്യം തുടങ്ങിയ മൂല്യങ്ങൾ</p> <p>*സമത്വസുന്ദരമായ ലോകത്തെക്കുറിച്ചുള്ള സങ്കല്പം.</p>	<p>P 2 :</p> <p>1 മണ്ണും മനുഷ്യനും</p> <p>2.എന്റെ ഭാഷ</p> <p>3.മാതൃഭാഷ നമ്മുടെ ഉള്ളിൽ ഒഴുകുന്ന ജീവനദി</p> <p>*പ്രയോഗം മാറ്റുക</p> <p>*അംഗാംഗി വാക്യങ്ങൾ</p> <p>* വാക്യ പ്രയോഗം</p> <p>*വാക്യശുദ്ധി</p> <p>*ഉപന്യാസം</p> <p>*അവധാരണം മാർക്ക് അനുസരിച്ച് ചേർക്കാം</p>
<p>ആഗസ്റ്റ്</p>	<p>അറിവിന്നറിവായ് നിറവായ്</p>	<p>6.വിജ്ഞാനഭാഷയും വൈജ്ഞാനികസമൂഹവും ( ഗദ്യം )</p>	<p>*വിജ്ഞാനഭാഷ എന്ന നിലയിൽ മലയാളഭാഷയുടെ വികാസം നവ കേരളത്തിന്റെ നിർമ്മിതിക്ക് സഹായകം</p> <p>*പുതിയ അറിവുകൾ ശേഖരിക്കാനും വിതരണം ചെയ്യാനും പര്യാപ്തമായ നിലയിലുള്ള മലയാള ഭാഷയുടെ വളർച്ച</p> <p>*വിജ്ഞാന സമൂഹമായി മാറാനുള്ള കേരളത്തിന്റെ സാമൂഹിക അടിത്തറ</p>	
	<p>രചന</p>	<p>പത്രറിപ്പോർട്ട്</p> <p>ഉപന്യാസം</p>		

<p>സെപ്റ്റംബർ</p>	<p>വിസ്തൃത ലോകവിതാനത്തിൽ</p> <p>അറിവിന്നറിവായ് നിറവായ്</p>	<p>7.ബത്തേരിക്ക് അടുത്ത് മലങ്കരയിൽ (പദ്യം)</p> <p>8.ചരിത്രം രചിച്ച നാടകം (ഗദ്യം)</p>	<p>* കേരളത്തിന്റെ ഭൂപ്രകൃതിയെയും സംസ്കാരത്തെയും സമന്വയിപ്പിക്കൽ</p> <p>*പരിസ്ഥിതി സൗഹൃദപരമായ സുസ്ഥിരവികസന സങ്കല്പം</p> <p>*സാമൂഹിക പരിവർത്തനത്തിന് കാരണം</p> <p>*സ്ത്രീമുന്നേറ്റത്തിന്റെ ഉജ്ജ്വലചരിത്രം</p> <p>*സാമൂഹിക മുന്നേറ്റത്തിന്റെ പ്രാധാന്യം അടയാളപ്പെടുത്തുന്നു</p>	<p>P 3</p> <p>1.വിഷ്ണുക്കണി</p> <p>2.വിജ്ഞാനഭാഷയും വൈജ്ഞാനികസമൂഹവും</p> <p>3.ബത്തേരിക്ക് അടുത്ത് മലങ്കരയിൽ</p> <p>4.ചരിത്രം രചിച്ച നാടകം</p> <p>വാക്യപ്രയോഗം</p> <p>വാക്യശുദ്ധി</p> <p>അംഗംഗി വാക്യങ്ങൾ</p> <p>പ്രയോഗം മാറ്റുക</p> <p>പത്രറിപ്പോർട്ട്</p>
<p>ഒക്ടോബർ</p>	<p>ഉലകിന്നയിരാം ഉണർവുകൾ</p> <p>പിറന്ന നാടിൻ പെരുമയിൽ</p>	<p>9. പ്രയാണം (പദ്യം)</p> <p>10. മുരിങ്ങാമരത്തോപ്പ് ( ഗദ്യം)</p>	<p>*നേരറിവിന്റെ ഭ്രമണപഥങ്ങളിലൂടെ മനുഷ്യന്റെ മുന്നേറ്റം</p> <p>*ശാസ്ത്രാവബോധത്തിന്റെ പ്രാധാന്യം</p> <p>*പരിസ്ഥിതി സൗഹൃദപരമായ സുസ്ഥിരവികസന സങ്കല്പം</p> <p>*ദേശം എഴുത്തുകാരെയും സാഹിത്യകൃതികളെയും സ്വാധീനിക്കുന്നതിലെ വൈവിധ്യം</p> <p>*അനുഭവങ്ങളുടെ യഥാർത്ഥ ആവിഷ്കാരമാണ് സാഹിത്യം</p>	
<p>നവംബർ</p>		<p>ആവർത്തനപാഠങ്ങൾ</p>		

<p>ഡിസംബർ</p>		<p>ആവർത്തനപരിശീലനം</p>		<p>Model Examinations I &amp; II /Final Examination Topics -</p> <ol style="list-style-type: none"> <li>1. കഥകളതിമോഹനം</li> <li>2. മണ്ണും മനുഷ്യനും</li> <li>3. എന്റെ ഭാഷ</li> <li>4. മാതൃഭാഷ നമ്മുടെ ഉള്ളിലൊഴുകുന്ന ജീവനദി</li> <li>5. വിഷ്ണുക്കണി</li> <li>6. വിജ്ഞാന ഭാഷയും വൈജ്ഞാനിക സമൂഹവും</li> <li>7. ബന്തേരിക്കടുത്ത് മലങ്കരയിൽ</li> <li>8. ചരിത്രം രചിച്ച നാടകം</li> <li>9. പ്രയാണം</li> <li>10. മുരിങ്ങാമരത്തോപ്പ്</li> </ol> <p>വാക്യശുദ്ധി വാക്യപ്രയോഗം അംഗംഗി വാക്യങ്ങൾ പ്രയോഗം മാറ്റുക</p> <p>അവധാരണം കത്ത്(ഔദ്യോഗികം) പത്രറിപ്പോർട്ട് ഉപന്യാസം</p>
<p>ജനുവരി &amp; ഫെബ്രുവരി</p>		<p>ആവർത്തന പരിശീലനം</p>		

BHARATIYA VIDYA BHAVAN, KOCHI

STD X SANSKRIT - YEAR PLAN FOR THE ACADEMIC YEAR 2026-2027

MONTH	TOPIC	SUB- TOPICS	CONCEPTS
JUNE	1.पद्यम्	शुचिपर्यावरणम् ।	प्रकृतिसंरक्षणम्
	अभ्यासवान् भव	अपठित- अवबोधनम्, रचनात्मकं कार्यम्, अनुवादः च सर्वेषां सत्राणां कृते।	
	2.गद्यांशः	बुद्धिर्बलवती सदा ।	बुद्धिरेव बलम् ।
	व्याकरणम्	सन्धिः- स्वर-व्यञ्जनसन्धिः, समासः - तत्पुरुषः।प्रत्ययौ - टाप्, डीप् च । अव्ययानि, समयः। (स्वरसन्धिः- यण्, अयादि, पूर्वरूपसन्धिः, समासः- कर्मधारयः, उपपद-तत्पुरुषः)	व्याकरणावबोधः
P1- JUNE 8 to 15, Portions- Lessons 1. शुचिपर्यावरणम्&2.बुद्धिर्बलवती सदा, व्यञ्जनसन्धिः, समासः- तत्पुरुषः,प्रत्ययाः- टाप्, डीप्, अव्ययानि, समयः।			
JULY	4.नाट्यांशः	शिशुलालनम् ।	रामायणकथापरिचयः ।
	व्याकरणम्	सन्धिः-विसर्गसन्धिः, समासः - अव्ययीभावः, कर्मधारयः, उपपदतत्पुरुषः।	व्याकरणावबोधः
	5. गद्यांशः	जननी तुल्यवत्सला ।	मातृस्नेहः ।
	व्याकरणम्	प्रत्ययाः - मतुप्, ठक्, त्व, तल् ।	
P2- July 27 to August 5, PORTIONS- LESSONS- 4, शिशुलालनम् &5. जननी तुल्यवत्सला, स्वरसन्धिः-यण्, अयादि,पूर्वरूपसन्धिः, विसर्गसन्धिः, समासः- कर्मधारयः, उपपदतत्पुरुषः,अव्ययीभावः। प्रत्ययाः- मतुप्, ठक् त्व, तल्			
AUGUST	7.नाट्यांशः 6. पद्यम्	सौहार्दं प्रकृतेः शोभा । सुभाषितानि ।	पारस्पर्यविषये गद्यांशः ।
	व्याकरणम्	समासः- द्वन्द्वः बहुव्रीहिः च । अशुद्धिसंशोधनम्- वचन - लिङ्ग- विभक्ति- लकार- दृष्ट्या। प्रत्ययाः- तव्यत्, अनीयर्, क्त, क्तवत्	समासज्ञानम्।
SEPTEMBER	8. गद्यांशः, 9. पद्यम्	विचित्रः साक्षी, सूक्तयः ।	न्यायान्यायविवेकः।
	व्याकरणम्	वाच्यपरिवर्तनम्। (लट्)	वाच्यपरिचयः
P3- 28/09/26 to 9/10/26- PORTIONS- LESSONS-1,2,4,5,6,7,8,9&व्याकरणम्।			
OCTOBER	12.पद्यम्।	अन्योक्तयः ।	अन्योक्तीनामवबोधः।
NOVEMBER	Revision, First model exam- 23/11/2026 to 14/12/2026 Portions- Lessons- All lessons &Grammar		
DECEMBER	First Model Exam Continues till 14/12/2026- Lessons- All lessons &Grammar		
JANUARY	Second Model Exam- 4/1/2027 to 22/1/2027 - All lessons &Grammar		
(अपठितानुच्छेदः,रचनानुवादः,पत्रलेखनम्,चित्रवर्णनम् च सर्वेषां सत्राणाम् कृते अवश्यकानि)			

**BHARATIYA VIDYA BHAVAN, KOCHI**  
**MATHEMATICS - Std : X**

<b>YEAR PLAN FOR THE ACADEMIC YEAR 2026-2027</b>			
<b>MONTH</b>	<b>TOPIC</b>	<b>SUB-TOPICS</b>	<b>CONCEPTS</b>
<b>MARCH</b>	1-REAL NUMBERS	Fundamental Theorem of Arithmetic Revisiting irrational numbers	Fundamental Theorem of Arithmetic - statements after reviewing work done earlier and after illustrating and motivating through examples, Proofs of irrationality of $\sqrt{2}$ , $\sqrt{3}$ , $\sqrt{5}$ .
<b>MARCH</b>	2-POLYNOMIALS	Geometrical Meaning of the Zeroes of a Polynomial. Relationship between Zeroes and Coefficients of a Polynomial.	Zeroes of a polynomial. Relationship between zeros and coefficients of quadratic polynomials.
<b>APRIL</b>	3-PAIR OF LINEAR EQUATIONS IN TWO VARIABLES	Graphical Method of Solution of a Pair of Linear Equations. Algebraic Methods of Solving a Pair of Linear Equations-Substitution Method, Elimination Method,	Pair of linear equations in two variables and graphical method of their solution, consistency/inconsistency. Algebraic conditions for number of solutions. Solution of a pair of linear equations in two variables algebraically - by substitution, by elimination. Simple situational problems
<b>JUNE</b>	4-QUADRATIC EQUATIONS	Quadratic Equations Solution of a Quadratic Equation by Factorisation and by using quadratic formula. Nature of Roots	Standard form of a quadratic equation $ax^2 + bx + c = 0$ , ( $a \neq 0$ ). Solutions of quadratic equations (only real roots) by factorization, and by using quadratic formula. Relationship between discriminant and nature of roots. Situational problems based on quadratic equations related to day to day activities to be incorporated.

<b>JUNE</b>	<b>Periodic Test 1- Chapters 1 and 2 (08-06-2026 to 15-06-2026)</b>		
<b>JUNE</b>	5-ARITHMETIC PROGRESSIONS	Arithmetic Progressions, nth Term of an AP, Sum of First n Terms of an AP	Motivation for studying Arithmetic Progression Derivation of the nth term and sum of the first n terms of A.P. and their application in solving daily life problems
<b>JULY</b>	6-TRIANGLES	Similar Figures Similarity of Triangles Criteria for Similarity of Triangles	triangles. 1. (Prove) If a line is drawn parallel to one side of a triangle to intersect the other two sides in distinct points, the other two sides are divided in the same ratio. 2. (Motivate) If a line divides two sides of a triangle in the same ratio, the line is parallel to the third side. 3. (Motivate) If in two triangles, the corresponding angles are equal, their corresponding sides are proportional and the triangles are similar. 4. (Motivate) If the corresponding sides of two triangles are proportional, their corresponding angles are equal and the two triangles are similar. 5. State (without proof) If one angle of a triangle is equal to one angle of another triangle and the sides including these angles are proportional, the two triangles are similar.
<b>JULY</b>	7-COORDINATE GEOMETRY	Distance Formula, Section Formula	Distance formula. Section formula (internal division).
<b>Periodic Test 2- Chapters 1,2,3,4,5(27-07-2026 to 05-08-2026)</b>			

<b>AUGUST</b>	13-STATISTICS	Mean of Grouped Data Mode of Grouped Data Median of Grouped Data	Mean, median and mode of grouped data (bimodal situation to be avoided).
	14- PROBABILITY	Probability — A Theoretical Approach	Classical definition of probability. Simple problems on finding the probability of an event.
<b>SEPTEMBER</b>	8-INTRODUCTION TO TRIGONOMETRY	Trigonometric Ratios Trigonometric Ratios of Some Specific Angles Trigonometric Identities	Trigonometric ratios of an acute angle of a right-angled triangle. Proof of their existence (well defined); motivate the ratios whichever are defined at $0^\circ$ and $90^\circ$ . Values of the trigonometric ratios of $30^\circ$ , $45^\circ$ and $60^\circ$ .  Relationships between the ratios. Proof and applications of the identity $\sin^2 A + \cos^2 A = 1$ . Only simple identities to be given.
	9-SOME APPLICATIONS OF TRIGONOMETRY	Heights and Distances	Simple problems on heights and distances. Problems should not involve more than two right triangles. Angles of elevation / depression should be only $30^\circ$ , $45^\circ$ , and $60^\circ$

<b>SEPTEMBER</b>	10-CIRCLES	Tangent to a Circle, Number of Tangents from a Point on a Circle.	Tangent to a circle at, point of contact 1. (Prove) The tangent at any point of a circle is perpendicular to the radius through the point of contact. 2. (Prove) The lengths of tangents drawn from an external point to a circle are equal.
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**PRE MODEL(PERIODIC TEST-3) Chapters – 1,2,3,4,5,6,7,8,9,13,14(28-09-2026 to 09-10-2026)**

<b>OCTOBER</b>	<b>10- CIRCLES(CONTD)</b> 11-AREAS RELATED TO CIRCLES	Areas of Sector and Segment of a Circle.	Area of sectors and segments of a circle. Problems based on areas and perimeter / circumference of the above said plane figures. (In calculating area of segment of a circle, problems should be restricted to central angle of 60°, 90° and 120° only.
<b>NOVEMBER</b>	12-SURFACE AREAS AND VOLUMES	Surface Area of a Combination of Solids. Volume of a Combination of Solids.	Surface areas and volumes of combinations of any two of the following: cubes, cuboids, spheres, hemispheres and right circular cylinders/cones.
<b>FIRST MODEL EXAMINATION – ( 23-11-2026 to 14-12-2026)</b>			

**BHARATIYA VIDYA BHAVAN , KOCHI****YEAR PLAN (2026-27)****STD: X - SUBJECT: SOCIAL SCIENCE (087)**

<b>MONTH</b>	<b>TOPIC</b>	<b>SUB-TOPICS</b>	<b>CONCEPTS</b>
<b>MARCH / APRIL</b>	<b>G- 1. Resources and Development</b>	Concept, Types of resources, Development of resources, Resource Planning, Resource Planning in India, Land Resources, Land Utilisation, Land Utilization in India, Land Degradation and Conservation Measures, Soil as a Resource, Classification of Soils, Soil Erosion and Soil Conservation.	Meaning of Resources Utilization and Conservation of resources - land and soils, Sustainable Development of the above resources
	<b>E- 1. Development</b>	What Development Promises, Different People, Different Goals. Income and Other Goals, National Development, How to compare different Countries or States? Income and Other Criteria, Public Facilities, Sustainability of Development.	Developmental goals differ from person to person. Differentiate different criteria (Per Capita Income, Health, Education) of measuring development. For development people look at a mix of goals. Importance of sustainability of development - Ground water, crude oil.

	<b>P- 1. Power Sharing</b>	Belgium and Sri Lanka, Majoritarianism in Sri Lanka Accommodation in Belgium, Why power sharing is desirable? Forms of power-sharing.	Importance of power sharing. Ethnic composition of Belgium and Sri Lanka. Majoritarianism practiced in Sri Lanka and accommodative method followed in Belgium. Forms of power sharing.
	<b>H-1. The Rise of Nationalism in Europe</b>	The Rise of Nationalism in Europe Introduction, The	Trace the emergence of nationalism in Europe. Understand the nature of nation

		French Revolution and the idea of the Nation, The Making of Nationalism in Europe, The Aristocracy and the New Middle Class, What did Liberal Nationalism Stand for? A New Conservatism after 1815, The Revolutionaries, The Age of Revolutions: 1830-1848, The Romantic Imagination and National Feeling, Hunger, Hardship and Popular Revolt, 1848: The Revolution of the Liberals.	states developed in 18th Century Role of romanticism and importance of national symbols and icons and unification of Italy, Germany and Britain. Balkans and the first world war.
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<b>JUNE</b>	<b>P-2 Federalism</b>	What is Federalism? What makes India a Federal Country? How is Federalism practiced? Decentralization in India	Distinguish between unitary and federal government. Key features of federalism and division of legislative powers in India. Rationale of decentralization.
	<b>G-2 Forest and Wildlife</b>	Conservation of forest and wildlife in India Types and distribution of forests and wildlife resources Community and Conservation	Various methods of conservation of forest and wildlife. Distribution of different kinds of flora and fauna. The role of community in the conservation of forest and wildlife.
	<b>E- Sectors of the Indian Economy</b>	Sectors of Economic Activities Comparing the three sectors Primary, Secondary and Tertiary Sectors in India Division of sectors as organized and unorganized Sectors in terms of ownership: Public and Private Sectors	Comparison of different sectors of the Indian economy. Significance of the service sector in the Indian economy. Differentiate between organize, unorganized , public and private.

<b>JUNE</b>	<b>E-Consumer Rights</b>	<b>Project as per CBSE</b>	
<b>JULY</b>	<b>H- Nationalism in India</b>	The First World War, Khilafat and Non - Cooperation Differing Strands within the Movement Towards Civil Disobedience The Sense of Collective Belonging	Socio-economic conditions of India during the first world war Differentiate Civil Disobedience and Non-Co-operation movement. Factors responsible for the emergence of nationalism.

	<b>G- Water Resources</b>	Water Scarcity and the need for Water Conservation and management. Multi-Purpose River Projects and Integrated Water Resources Management Rainwater Harvesting	Reasons responsible for water scarcity. Suggestions for water conservation. Role of Multi -purpose River Projects. Various methods for rain water harvesting.
<b>PERIODIC TEST II (JULY 27 TO AUGUST 5)</b>			

<b>JULY/AUGUST</b>	<b>H- The Age of Industrialization</b>	<p>( Below mentioned topics are activity oriented - Formative Assessment Only)</p> <p>Before the Industrial Revolution.</p> <p>Hand Labor and Steam Power.</p> <p>Industrialization in the Colonies</p> <p>Factories come up</p> <p>The Peculiarities' of Industrial Growth</p> <p><b>(Only the topic mentioned below is for P3 evaluation )</b></p> <p><b>Markets for Goods</b></p>	Important features of Proto-Industrialization Inventions of new machines and the coming up of new factories Industrialization in India and early entrepreneurs of India. Various techniques applied for marketing goods."
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AUGUST	E- Money and Credit	"Role of money in an economy. Money as a medium of exchange. Modern forms of money, loan activities of banks two different credit situations Terms of credit, Formal sector credit in India. Self Help groups for the poor."	"Money as a medium of exchange Credit - Positive and negative credit situations. Loan activities of formal and informal sectors. The role of Self-help groups for providing credit to the poor."
	H- Print ,Culture and the Modern World	The First Printed Books. Print Comes to Europe.The Print Revolution and its impact. The Reading Mania. The Nineteenth Century. India and the World of Print.	Evolution of print in Europe.Role and impact of print revolution. Link between print culture and circulation of ideas.

AUGUST /SEPTEMBER	G-Agriculture ( TERM I -HPC ASSESSMENT CHAPTER )	Types of Farming – Primitive Subsistence, Intensive Subsistence, Commercial Cropping Pattern – Major Crops, Food Crops other than Grains. Non Food Crops Technological and Institutional Reforms. Bhoodaan - Gramdaan.	"Role played by agriculture in our economy. Major crops and its distribution. Challenges faced by the farming community in India. Technical and institutional reforms."
SEPTEMBER	P-Political Parties:	Why do we need political parties, how many parties should we have.National political parties, state political parties.	Necessity of political parties.Difference between a national and state party.Challenges and the suggestions to reform the political parties.

**G-Minerals and Energy Resources  
( TERM II -HPC ASSESSMENT CHAPTER )**

What is a mineral?  
Mode of occurrence of Minerals. Where are these minerals found? Ferrous Minerals, Non-Ferrous Minerals. NonMetallic Minerals.  
Conservation of Minerals.  
Energy Resources - Conventional Sources of Energy, Non-Conventional Sources of Energy. Conservation of Energy Resources.

Occurrence and classification of minerals. Difference between conventional and non conventional sources of energy. Conservation - Sustainable Development

**PERIODIC TEST III (SEPTEMBER 28 TO OCTOBER 9)**

**SEPTEMBER/  
OCTOBER**

**P-Gender, Religion and Caste**

Gender and Politics - Public/Private division, Women's political representation.  
Religion, Communalism and Politics - Communalism, Secular State  
Caste and Politics - Caste inequalities, Caste in politics, Politics in caste.

"Social identities and nature of gender, religion, and caste in India. Sexual division of labour. Discrimination faced by women after independence. The role of communalism in politics. Features of a secular state. Role of caste and politics in a democracy."

**OCTOBER**

**P- Outcomes of Democracy**

How do we assess democracy's outcomes? Accountable, responsive and legitimate government.  
Economic growth and development. Reduction of inequality and poverty.  
Accommodation of social diversity. Dignity and freedom of the citizens

Socio-political and economic outcomes of a democracy. Factors that determines the economic development of a nation. Democracy is not a solution for all the problems faced by a nation. Democracy accommodates social diversity and ensures the dignity and freedom of the individuals.

	<b>G-Manufacturing Industries</b>	Importance of Manufacturing - Agro based Industry Mineral based Industries	Manufacturing sector is considered as the backbone of the country's economic development. Classification of industries. Industrial pollution and methods of conservation.
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		Industrial Pollution and Environmental Degradation, Control of Environmental Degradation.	
<b>OCTOBER /NOVEMBER</b>	<b>H-The Making of a Global World</b>	(To be evaluated in the Board Examination )The Making of a Global World Subtopics:1 to 1.3 Pre Modern World to Conquest, Disease and Trade) Interdisciplinary project as part of multiple assessments (Internally assessed for 5 marks Sub topics 2 to 4.4 The nineteenth century (1815-1914) to end of Bretton Woods & the beginning of "Globalisation." Interdisciplinary part of the chapter is only for formative assessment.	The Pre- modern world The Nineteenth Century {1915-1914} The Inter war Economy. Rebuilding a World Economy: The Post War Era.
<b>NOVEMBER</b>	<b>G- Lifelines of Indian Economy</b>	<b>MAJOR AIRPORTS AND SEAPORTS .</b>	<b>MAP WORK ONLY AS PER CBSE</b>

**E -Globalization  
and the Indian  
Economy**

Sub topics:  
Interdisciplinary  
project - with  
chapter 3 of  
History: "The  
making of a  
Global World"and  
chapter 7 of  
Geography:  
"Lifelines of  
National  
Economy"Refer  
annexure IV of  
CBSE SOCIAL  
SCIENCE  
SYLLABUS  
2023-24. Production  
across the countries  
Chinese toys in  
India World Trade  
Organisation  
The Struggle For A  
Fair Globalisation  
India World Trade  
Organisation  
The Struggle For  
A Fair  
Globalisation

Definition and factors  
that enabled  
globalisation.

**BHARATIYA VIDYA BHAVAN,KOCHI**

**STD: X PHYSICS**

**YEAR PLAN (2026 - 2027)**

MONTH	UNIT	TOPIC
March-April(2026)	9	Light - Reflection and Refraction (including - 9.2.3, Sign convention for reflection by spherical mirrors)
June	9	Light - Reflection and Refraction (Contd.) <b>PERIODIC TEST 1( 8th June to 15th June)</b> Portions: Ch : 9 including 9.2.2 - Representation of images formed by spherical mirrors using ray diagrams.
July	10	The Human eye and the Colourful World <b>PERIODIC TEST 2 (July 27th- August 5th)</b> CH: 9, 10 including 10.2 Defects of vision and their correction ( 40% from P1, 60% from P2)
August	11	Electricity (including 11.6.2, resistors in parallel)
September	11 12	Electricity (contd....) Magnetic Effects of Electric Current (including 12.2.3, Magnetic field due to a current through a circular loop)

October	12	<p>Magnetic Effects of Electric Current (contd.....)</p> <p><b>PRE MODEL EXAMINATION(PERIODIC TEST III)</b>  <b>( 28th September to 9th October)</b></p> <p>Portions: Ch 9,10, 11( ch:11, including 11.6.2 -resistors in parallel)  [20% from P1(Light - including 9.2.2), 20% from P2 (from 9.2.3 to 10.2), 60% from P3  (from 10.3 to 11.7- including Heating effect of electric current)]</p> <p><b>REVISION</b></p>
November-December	12	<p><b>FIRST MODEL EXAMINATION (23rd Nov to 14th Dec)</b>  <b>CHAP: 9,10,11,12 (FULL PORTION)</b></p>
January		<p><b>SECOND MODEL EXAMINATION ( 4th Jan to 22nd Jan )</b></p>
February- March (2027)		<p><b>FINAL EXAMINATION</b></p>

<b>BHARATIYA VIDYA BHAVAN, KOCHI KENDRA</b>			
<b>YEAR PLAN FOR THE ACADEMIC YEAR 2026-2027</b>			
<b>CHEMISTRY</b>			
<b>STD: X</b>			
<b>MONTH</b>	<b>TOPIC</b>	<b>SUB-TOPICS</b>	<b>CONCEPTS</b>
MARCH -APRIL	CHEMICAL REACTIONS AND EQUATIONS	CHEMICAL EQUATIONS TYPES OF CHEMICAL REACTIONS	Writing a Chemical Equation Balanced Chemical Equations Combination Reaction Decomposition Reaction Displacement Reaction Double Displacement Reaction
JUNE	<b>PERIODIC TEST -1 (08/06/2026 -15/06/26)</b> <b>CHAPTER 1- CHEMICAL REACTIONS AND EQUATIONS (Including Double Displacement Reaction )</b>		
	CHEMICAL REACTIONS AND EQUATIONS	HAVE YOU OBSERVED THE EFFECTS OF OXIDATION REACTIONS IN EVERYDAY LIFE ?	Oxidation and reduction Corrosion Rancidity

JUNE	ACIDS, BASES AND SALTS	<p>UNDERSTANDING THE CHEMICAL PROPERTIES OF ACIDS AND BASES</p> <p>WHAT DO ALL ACIDS AND ALL BASES HAVE IN COMMON?</p> <p>HOW STRONG ARE ACID OR BASE SOLUTIONS?</p> <p>MORE ABOUT SALTS</p>	<p>Acids and bases in the laboratory.</p> <p>How do acids and bases react with metals ?</p> <p>How do metal carbonates and metal hydrogen carbonates react with acids ?</p> <p>How do acids and bases react with each other?</p> <p>Reaction of metallic oxide with acids.</p> <p>Reaction of non-metallic oxide with bases.</p> <p>What happens to an acid or a base in a water solution?</p> <p>Importance of pH in everyday life.</p> <p>Family of salts.</p> <p>pH of salts.</p> <p>Chemicals from common salt (Sodium hydroxide, bleaching powder)</p>
JULY	ACIDS, BASES AND SALTS	MORE ABOUT SALTS (Contd...)	<p>Chemicals from common salt (Baking Soda, Washing Soda)</p> <p>Are the crystals of salts really dry?</p>
	METALS AND NON-METALS	<p>PHYSICAL PROPERTIES</p> <p>CHEMICAL PROPERTIES OF METALS</p>	<p>What happens when metals are burnt in air?</p> <p>What happens when metals react with water?</p> <p>What happens when metals react with acids?</p> <p>How do metals react with solutions of other metal salts?</p> <p>The reactivity series</p>
<p><b>PERIODIC TEST - 2 (27/07/2026- 05/08/2026 )</b></p> <p><b>CHAPTER 1- CHEMICAL REACTIONS AND EQUATIONS</b></p> <p><b>CHAPTER 2- ACIDS, BASES AND SALTS</b></p>			

AUGUST	METALS AND NON-METALS	HOW DO METALS AND NON-METALS REACT? OCCURRENCE OF METALS	Properties of ionic compounds Extraction of metals Enrichment of ores Extracting metals low in the activity series Extracting metals middle in the activity series Extracting metals top in the activity series Refining of metals
SEPTEMBER	METALS AND NON-METALS	CORROSION	Prevention of corrosion
	CARBON AND ITS COMPOUNDS	BONDING IN CARBON- THE COVALENT BOND VERSATILE NATURE OF CARBON	Saturated and unsaturated carbon compounds Chains, branches and rings Will you be my friend? Homologous series. Nomenclature of carbon compounds.
	<b>REVISION</b> <b>PERIODIC TEST -3 (28/09/2026- 09/10/2026)</b> <b>CHAPTER 1- CHEMICAL REACTIONS AND EQUATIONS</b> <b>CHAPTER 2- ACIDS,BASES AND SALTS</b> <b>CHAPTER 3- METALS AND NON-METALS</b> <b>CHAPTER 4- CARBON AND ITS COMPOUNDS(INCLUDING VERSATILE NATURE OF CARBON UPTO PAGE 62, EXCLUDING SATURATED AND UNSATURATED CARBON COMPOUNDS )</b>		
OCTOBER	CARBON AND ITS COMPOUNDS	CHEMICAL PROPERTIES OF CARBON COMPOUND SOME IMPORTANT CARBON COMPOUNDS- ETHANOL AND ETHANOIC ACID	Combustion Oxidation Addition reaction Substitution reaction Properties of ethanol Properties of ethanoic acid

NOVEMBER	CARBON AND ITS COMPOUNDS	SOAPS AND DETERGENTS	Cleansing action of soaps and detergents
	PERIODIC CLASSIFICATION OF ELEMENTS	EARLY ATTEMPTS AT THE CLASSIFICATION OF ELEMENTS.	Döbereiner's Triads Newlands' Law of Octaves, Mendeléev's Periodic Table Modern Periodic Table Metallic and Nonmetallic Properties.
	ASSESSED ONLY FORMATIVELY TO REINFORCE UNDERSTANDING WITHOUT ADDING TO SUMMATIVE		
	<b>REVISION</b> <b>FIRST MODEL EXAMINATION - (23/11/2026 - 14/12/2026)</b>		
DECEMBER	Revision		
JANUARY	SECOND MODEL EXAMINATION - (04/01/2027 -22/01/2027)		

**BHARATIYA VIDYA BHAVAN ,KOCHI****YEAR PLAN FOR THE ACADEMIC YEAR 2026-2027****STD X BIOLOGY**

<b>MONTH</b>	<b>TOPIC</b>
<b>March -April</b>	Chapter 5- Life Processes
<b>June</b>	Chapter 5- Life Processes
<b>PERIODIC TEST I (8thJune- 15 thJune )</b> <b>*Chapter 5 Life Processes-Nutrition, Respiration (Upto fig. 5.8-Breakdown of glucose by various pathways included)</b>	
<b>July</b>	Chapter 6- Control and Coordination
<b>PERIODIC TEST II (27thJuly - 5th August )</b> <b>*Chapter 5 Life Processes-Full</b> <b>*Chapter 6 Control and co ordination (6.1 Animals -Nervous system - 6.1.1, 6.1.2, 6.1.3, 6.1.4)</b>	
<b>August</b>	Chapter7- How do organisms reproduce?
<b>September</b>	Chapter7- How do organisms reproduce? (Cont...)
	Chapter8- Heredity

**PERIODIC TEST III - PRE - MODEL EXAMINATION (Sep 28th-Oct 9th )**

**\*Chapter 5 Life Processes**

**\*Chapter 6 Control and co ordination**

**\*Chapter 7 How do organisms reproduce?**

<b>October</b>	Chapter8- Heredity (Cont...)
	Chapter 13- Our Environment PORTFOLIO- Portfolio that includes classwork and other sample of student's work.
<b>November/ December</b>	Revision
	<b>FIRST MODEL EXAMINATION</b> <b>(23rd November - 14th December )</b> <b>Full portions</b>
<b>January</b>	<b>SECOND MODEL EXAMINATION</b> <b>(4th January - 22th January )</b> <b>Full portions</b>

**BHARATIYA VIDYA BHAVAN, KOCHI KENDRA**  
**ARTIFICIAL INTELLIGENCE**  
**YEAR PLAN FOR THE ACADEMIC YEAR 2026-27**

**CLASS: X**

MONTH	TOPIC	SUB-TOPICS	CONCEPTS
<b>MARCH</b>	PART A: Employability skills - Communication skills PART B: Subject Specific Skills - Unit 1: Revisiting AI Project Cycle & Ethical Frameworks for AI Unit 7: Advance Python - Basics - variables, data types, operators, and control structures (To be assessed through Practicals)	1.1 AI Project Cycle 1.2 Introduction to AI Domains 1.3 Ethical Frameworks of AI <ul style="list-style-type: none"> <li>• Communication cycle and feedback</li> <li>• Methods of communication</li> <li>• Barriers to effective communication</li> <li>• 7 Cs of effective communication</li> </ul>	<ul style="list-style-type: none"> <li>• The overview of the six stages of the AI Project Cycle</li> <li>• The three domains of AI and their applications</li> <li>• Frameworks</li> <li>• Ethical frameworks</li> <li>• Need of Ethical Frameworks for AI</li> <li>• Factors that influence our decision-making</li> <li>• Types of Ethical Frameworks</li> <li>• Bioethics and its principles</li> <li>• A use case of Bioethics</li> <li>• Methods of Communication</li> <li>• Communication Cycle and Importance of Feedback</li> <li>• Barriers to Effective Communication</li> </ul>
<b>APRIL</b>	PART B: Subject Specific Skills - Unit 2: Advanced Concepts of Modeling in AI Unit 7: Advance Python - Lists (To be assessed through Practicals)	<ul style="list-style-type: none"> <li>• Revisiting AI, ML, DL</li> <li>• Machine Learning (ML)</li> <li>• Examples of Machine Learning (ML)</li> </ul>	<ul style="list-style-type: none"> <li>• Revisiting AI, ML, DL</li> <li>• Machine Learning (ML)</li> <li>• Examples of Machine Learning (ML)               <ul style="list-style-type: none"> <li>(i) Object Classification</li> <li>(ii) Anomaly Detection</li> </ul> </li> <li>• Python Basics -Variables in Python, print(), input(), conditional statements using if...else</li> </ul>

<p><b>JUNE</b></p>	<p>PART B: Subject Specific Skills - Unit 2: Advanced Concepts of Modeling in AI Unit 7: Advance Python - Lists (To be assessed through Practicals)</p>	<ul style="list-style-type: none"> <li>• Deep Learning (DL)</li> <li>• Examples of Deep Learning (DL)</li> <li>• Data, Labeled data, Unlabeled Data, training data set, testing data set</li> </ul> <p>Modelling Neural Networks Importance of Model Evaluation</p>	<ul style="list-style-type: none"> <li>• Deep Learning (DL)</li> <li>• Examples of Deep Learning (DL) <ul style="list-style-type: none"> <li>(i) Object Identification</li> <li>(ii) Digit Recognition</li> </ul> </li> <li>• Common terminologies used with data</li> <li>• Types of AI models –Rule based, Learning based</li> <li>• Categories of Machine learning based models –</li> <li>• Supervised, Unsupervised and Reinforcement learning models</li> <li>• Sub-categories of <ul style="list-style-type: none"> <li>• Supervised Learning Model – Classification, Regression</li> <li>• Sub-categories of Unsupervised Learning Model – Clustering, Association</li> </ul> </li> <li>• What is neural network?</li> <li>• How does AI make a decision?</li> </ul>
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**PERIODIC TEST 1 (08-06-2026 TO 15-06-2026)**

**PART B: Subject Specific Skills - Unit 1: Revisiting AI Project Cycle & Ethical Frameworks for AI ,Unit 2: Advanced Concepts of Modeling in AI**

**PART A: Employability skills - Communication skills**

**( DIVISION OF MARKS: Revisiting AI Project Cycle & Ethical Frameworks for AI - 18, Modeling in AI (ONLY TILL TYPES OF AI**

<p style="text-align: center;"><b>JULY</b></p>	<p>PART A: PART A: Employability skills - Self management skills PART B: Subject Specific Skills - Evaluating Models PART B: Subject Specific Skills - STATISTICAL DATA (To be assessed through Practicals)</p>	<p><b>SELF MANAGEMENT</b></p> <ul style="list-style-type: none"> <li>● meaning and importance of stress management</li> <li>● stress management techniques</li> <li>● Introduction to self-awareness</li> <li>● describe the meaning of self-motivation and self-regulation</li> <li>● Self regulation - Goal setting, Time management</li> <li>● Splitting the training set data for Evaluation</li> <li>● What is Accuracy and Error?</li> <li>● Evaluation metrics for classification</li> <li>● Ethical concerns around model evaluation</li> </ul>	<p>Strength and weakness analysis</p> <ul style="list-style-type: none"> <li>● Difference between abilities and interests</li> <li>● Introduction to stress management</li> <li>● Importance of stress management and stress management techniques</li> <li>● Ability to work independently</li> </ul> <p>Types of motivation</p> <ul style="list-style-type: none"> <li>● Qualities of self-motivated people</li> <li>● Goals and setting SMART goals</li> <li>● Time management and its importance</li> <li>● Tips for effective time management</li> <li>● What is Train-test split?</li> <li>● Why do we need to do Train-test split?</li> <li>● Accuracy</li> <li>● Error</li> <li>● What is Classification?</li> <li>● Classification metrics</li> <li>● Confusion matrix</li> <li>● Accuracy from Confusion matrix</li> <li>● Precision from Confusion matrix</li> <li>● Recall from Confusion matrix</li> <li>● F1 Score</li> <li>● Bias</li> </ul>
<p><b>PERIODIC TEST 2 (27-07-2026 TO 05-08-2026)</b></p>			

<p style="text-align: center;"><b>AUGUST</b></p>	<p>PART B: Subject Specific Skills - Unit 5: Computer Vision Part A: Employability Skills - Entrepreneurship ,ICT</p>	<p>Introduction to Computer Vision Concepts of Computer Vision Applications of CV Computer Vision Tasks</p> <p>ENTREPRENEURSHIP</p> <ul style="list-style-type: none"> <li>● Entrepreneurship and society</li> <li>● Qualities and functions of an entrepreneur</li> <li>● Myths about entrepreneurship</li> <li>● Entrepreneurship as a career option</li> </ul> <p>ICT</p> <ul style="list-style-type: none"> <li>● Basic Computer Organisation and operations.</li> <li>● Files and folders</li> </ul>	<ul style="list-style-type: none"> <li>• CV open-source tool</li> <li>• A Quick overview of computervision</li> <li>• Computer Vision and ArtificialIntelligence</li> <li>• Computer Vision v/s Image Processing</li> <li>• Facial Recognition</li> <li>• Face Filters</li> <li>• Google Search by Image</li> <li>• Computer Vision in retail</li> <li>• Self-Driving cars</li> <li>• Medical Imaging</li> <li>• Google Translate App</li> <li>• Classification</li> <li>• Classification + Localisation</li> <li>• Object Detection</li> <li>• Image Segmentation</li> <li>• Basics of Images and Pixels</li> <li>• Resolution &amp; Pixel Value</li> <li>• Grayscale &amp; RGB Images</li> </ul> <p>To be assessed through practicals No-Code AI tools Image Features Convolution Convolution NeuralNetwork</p> <ul style="list-style-type: none"> <li>● Qualities of an entrepreneur</li> </ul>
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<p><b>SEPTEMBER</b></p>	<p>PART B: Subject Specific Skills - Unit 6 : NATURAL LANGUAGE PROCESSING PART A : Employability Skills - ICT</p>	<ul style="list-style-type: none"> <li>● Care and Maintenance of Computer</li> <li>● Introduction to NLP</li> <li>● Applications of NLP</li> <li>● Stages of NLP</li> <li>● Chatbots</li> <li>● Concepts of NLP : Text Processing</li> </ul>	<ul style="list-style-type: none"> <li>● Keeping a device clean</li> <li>● Backup your data</li> <li>● Scanning and cleaning viruses</li> <li>● Computer security and privacy</li> <li>● Features of natural language</li> <li>● Computer language</li> <li>● Importance of NLP</li> <li>● Voice Assistants</li> <li>● Autogenerated captions</li> <li>● Language translation</li> <li>● Sentiment analysis</li> <li>● Text classification</li> <li>● Keyword extraction</li> <li>Lexical Analysis</li> <li>● Syntactic Analysis</li> <li>● Semantic Analysis</li> <li>● Discourse Integration</li> <li>● Pragmatic Analysis</li> <li>● Script Bot V/s Smart Bot</li> <li>● Text Normalisation</li> <li>● Bag of Words</li> <li>● Data Processing</li> <li>● TFIDF</li> </ul>
<p align="center"><b>PORTIONS - PART B : SUBJECT SPECIFIC SKILLS - COMPUTER VISION , NATURAL LANGUAGE PROCESSING</b> <b>PART A : EMPLOYABILITY SKILLS- Entrepreneurial skills, ICT</b> <b>(COMPUTER VISION -16, NATURAL LANGUAGE PROCESSING-24, Entrepreneurial skills - 4, ICT-6)</b></p>			
<p><b>OCTOBER</b></p>	<p>PART A : EMPLOYABILITY-GREEN SKILLS</p>	<ul style="list-style-type: none"> <li>● Sustainable Development</li> <li>● Our Role in Sustainable Development</li> </ul>	<ul style="list-style-type: none"> <li>● Problems related to Sustainable Development</li> <li>● Sustainable Development Goals</li> </ul>
<p align="center"><b>FIRST MODEL EXAMINATION (23-11-2026 TO 14-12-2026)</b> <b>MODEL PRACTICAL EXAMINATION (16-12-2026)</b></p>			

**SECOND MODEL EXAMINATION ( 04-01-2027 TO 22-01-2027)**

**BOARD INTERNAL PRACTICAL AI EXAM (24-01-2027)**

**BHARATIYA VIDYA BHAVAN ,KOCHI KENDRA  
COMPUTER APPLICATIONS  
YEAR PLAN FOR THE ACADEMIC YEAR 2026-27**

**CLASS: X**

MONTH	TOPIC	SUB-TOPIC	CONCEPTS
APRIL	HTML - 1	Introduction to web page designing using HTML, HTML tags:	Introduction to web page designing using HTML: create and save an HTML document, access a web page using a web browser.
JUNE	Internet Basics  HTML 2	Introduction to Internet Internet protocols  Super script, Sub script, image, table, links  PERIODIC TEST – I (8/06/26 -15/06/26 )	Internet: WWW, Web servers, web clients, web sites, web pages, web browsers, blogs, newsgroups, HTML, Web address, e-mail address, downloading and uploading files from a remote site, Internet protocols: TCP/IP,SMTP,POP3, HTTP, HTTPS. sup (super script), sub(subscript), Insert images: img (attributes: src, width, height, alt), Creating table using the tags: table, tr, th, td Attributes - rowspan, colspan, border, cell spacing, cell padding, Linking - Internal linking, External Linking,significance of linking, Creating links using anchor element (attributes: href, mailto, target)

JULY	<b>INTERNET SERVICES AND MOBILE TECHNOLOGIES, HTML-III</b>	Internet protocols, Services available on the Internet, Web Services, Mobile Technologies, Audio, Video, HTML Forms PERIODIC TEST – II (27/07/2026 - 05/08/2026 )	Remote login and file transfer protocols: SSH, SFTP, FTP, SCP, TELNET, SMTP, TCP/IP. Services available on the internet: information retrieval Email, Email protocols Using search engines Some Searching Tips Finding people on the net Web services: Chat, Video conferencing, E-Learning, E-Banking, E-Shopping, E-Reservation, E-Governance, E-Groups Social networking Mobile technologies: SMS, MMS, 3G, 4G, 5G Inserting Audio - linking to an Audio clip, <embed> tag, <source> tag, <audio> tag and attributes Inserting Video - linking to a Video clip, <embed> tag, <source> tag, <video> tag and attributes HTML Forms, Form controls (HTML Forms: Textbox, radio buttons, checkbox, password, list, combobox) Creating Forms using <form> tag & attributes
AUGUST	<b>Cyber Ethics</b>	Cyber Ethics Ethical Issues Open source Philosophy & Software Licences Freedom of Information & Digital Divide	Netiquettes Software licenses, open source software movement. Ethical Issues - Intellectual property rights, Plagiarism and Digital property rights Freedom of information and the digital divide. Cyber Ethics for E-commerce: Privacy, fraud Secure data transmission
SEPTEMBER	<b>HTML - CSS</b>	Cascading Style Sheets	* CSS * Three ways of adding stylesheet to a web page - Inline, Internal, External * Style attributes - colour, background-colour, border-style, margin, height, width, outline, font (family, style, size), align, float

OCTOBER	HTML - CSS(continued)	Cascading Style Sheets PRE MODEL(PERIODIC TEST III) ( 28/09/2026- 09/10/2026)	Cascading style sheets : color, background - color, border style, margin, height, width, outline, font(family, style, size), align, float Benefits of CSS, Adding stylesheets to webpages Inline, internal/embedded, external styles sheets CSS elements and properties: Universal selector(*), colors and background, properties related to font, text, margins and padding and borders Limitations of CSS
NOVEMBER - DECEMBER		<b>FIRST MODEL EXAMINATION(23/11/26 -14/12/2026) PROJECT WORK &amp; RECORD WORK (To be submitted by November ) (Model Lab Exam -16/11/2026) Board Internals Practical Exam(AFTER THE FIRST MODEL -19/12/2026)</b>	
DECEMBER			
JANUARY		<b>REVISION SECOND MODEL EXAMINATION - (4-01-2027-22-01-2027)</b>	
FEBRUARY			