

ST. VINCENT PALLOTTI SCHOOL, NASHIK

AI(417) Split -Up Syllabus (2026-27)

Text: Explore AI and Robotics

Class– VII

Kips Publication

Month	Days	Chapters	Activities	Exam Portion
April	22	<u>Digital Literacy</u> Chp1. Design with Google Sites Story Time: Promoting Fitness and Wellness through Yoga - FIT India. Websites Google Sites Creating a Website Customising the Website Adding Link to the New Page Previewing and Publishing the Website	Lab Session: Creating a Website for International Yoga Day, Formatting a Website Practice Zone: Good Health and Well-being	
June	09	<u>Artificial Intelligence and Coding</u> Chp2. Domain of AI - NLP Story Time: Understanding AI and Multilingual Capabilities Domains of AI—Recap Natural Language Processing (NLP) Applications of NLP	Lab Session: Exploring NLP with Google Translate Designing an Invitation Card Prompt Writing and Image Description with Google AI Practice Zone: Rock, Paper, and Scissors	
July	24	Chp3. Domain of AI-Statistical Data Story Time: Personalized Recommendations in Streaming Services Statistical Data Ethics in AI Domains	Lab Session: Organising and Analysing Data with Charts and Graphs Practice Zone: Analysing Data	Periodic Test-I Syllabus: Chapter No.1,2
August	20	Chp4. Innovations and Sustainability Story Time: Responsible Use of Water - SDG 6 Sustainability Society and Sustainability SDG Wedding Cake Systems Thinking Systems Map Using AI as Leverage in a Systems Map Statistical Data Projects Linked to SDG	Lab Session: Understanding Social Issues through SDG Quiz Creating Systems Maps and Identifying Leverage Points Exploring Coral Bleaching with the Interactive Tool Experimenting with Google AI Data Visualization for Life Forms and SDGs Practice Zone: AI for Humans	
September	21	Chp5. Introduction to App Development Story Time: Impact and Uses of Apps in Everyday Life Apps Types of Apps Code.org Starting with App Lab	Practice Zone: Design an App	Half Yearly Exam Syllabus: Chapter No.1,2,3, 4,5
October	23	Chp6. Creating an App Story Time: Unlocking History with a Custom App App Development Defining the Purpose of the App Designing the App Coding the App	Lab Sessions: Designing Your Study App Practice Zone: Welcome to the Zoo	

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		Testing the App		
November	15	<u>Digital Citizenship</u> Chp7. Accessing Secure Websites Story Time: Click Wisely: A Guide to Safe Surfing Know Where You Are Clicking - URL Safe Websites Recognise Fake Websites Choosing Safe Websites Handling Risky Websites	Lab Sessions: Exploring Website Security Practice Zone: Understanding Cookies	
December	18	<u>Robotics</u> Chp8. Tinkering with Robots Story Time: Adventure with Communication Signals Robotics Basic Components of a Robot Tinkercad Circuit Design	Lab Sessions: Virtual Circuit with Tinkercad Practice Zone: Sound Generation Circuit	
January	22	Chp9. Build a Smart Bin Story Time: Creating Smart Solutions for Everyday Problems Design Thinking Smart Bin Ultrasonic Distance Sensor Building the Smart Bin	Lab Sessions: Virtual Circuit for Smart Bin Practice Zone: Smart Doorbell System	Periodic Test-II Syllabus: Chapter No.6, 7
February	2	Revision		Yearly Exam Syllabus: Chapter No.6,7,8, 9
March	12			