



## 7.2 Best Practice

Title of Practice: Use of ICT and Computer Science in academics and administration.

### 1. Use College Website for online admission:

Phone : (020) 24221484 Email : principal@pvgcos.com Webmail Login Contact Us

Pune Vidyarthi Griha's  
College of Science  
Affiliated to Santiraj Prade Pune University | Recognized by Govt. of Maharashtra  
Accredited 'B' Grade by NAAC (in First Cycle)

Science), M.Sc. (Computer Application), and B.Com. courses for the academic year 2022-23. (Interest

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Follow: [Social Media Icons]

Welcome to PVG's College of Science

More

Events

Welcome Function 2019  
29 AUG, 2019

MoU with Green Soldiers recycling Pvt. Ltd

Notice Board

NOTICE BOARD  
FY.B.Sc. (CS)  
Internal  
Examination  
Term-I 2019-20  
15 SEP, 2019

NOTICE BOARD  
S.Y.B.Sc. (CS)  
Internal  
Examination  
Term-I 2019-20  
15 SEP, 2019

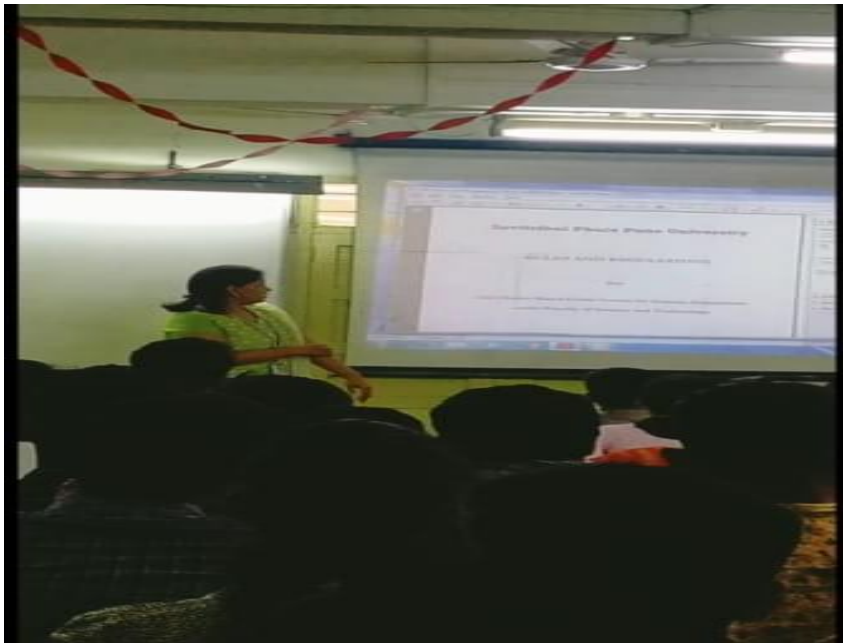
NOTICE BOARD  
TY.B.Sc. (CS)  
Internal

- Link for Online Admission:

- <https://www.pvgcos.ac.in/admissions/b-sc-computer-science/>
- <https://www.pvgcos.ac.in/admissions/b-sc-animation/>
- <https://www.pvgcos.ac.in/admissions/m-sc-computer-science/>
- <https://www.pvgcos.ac.in/admissions/m-sc-computer-applications/>



## 2. Use of Projector while conducting Lectures and Seminar:





**Pune Vidyarthi Griha's  
College of Science, Pune -09**

PVGCOS

NAAC

7.2

2021-22





# Pune Vidyarthi Griha's College of Science, Pune -09

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2021-22

## 3. Use of National Digital Library of India facility for Staff and Students .

The image displays three sequential screenshots of the National Digital Library of India (NDLI) website. The top screenshot shows the homepage with a search bar and navigation menus. The middle screenshot shows the 'SUBJECTS HOME' page for Computer Science, listing various chapters from 'FUNDAMENTAL COMPUTER CONCEPTS' to 'NUMERICAL METHODS'. The bottom screenshot shows a specific problem page for 'PROBLEM\_07\_0159' with a description and a 'Graphs' section.

**NDLI Home Page:** The homepage features a search bar with the text 'Search over 87,867,329 resources'. Below the search bar, there are several navigation menus including 'NEW TEST PREPARATION' (with options like DBSE Examination Preparatory, IIT-JEE and NEET, Joint Admission test for Masters (JAM), Graduate Aptitude in Engineering (GATE), National Eligibility (UGC NET), and Career Development and Recruitment), 'STUDY AT HOME' (with options like School, Engineering, Science, Humanities, Literature, and Law & Management), and 'COVID-19 RESEARCH REPOSITORY' (with options like Scholarly, Data Sets, Documents &, Journals &, Ideas &, and Challenges &).

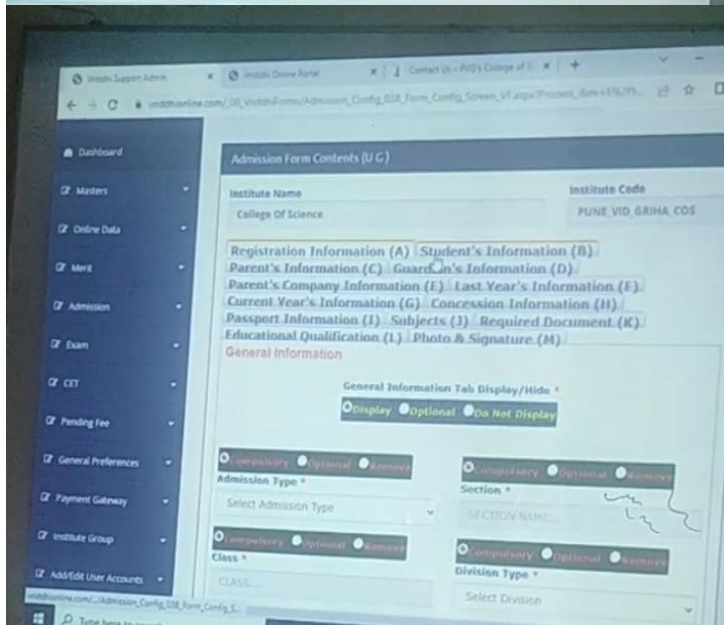
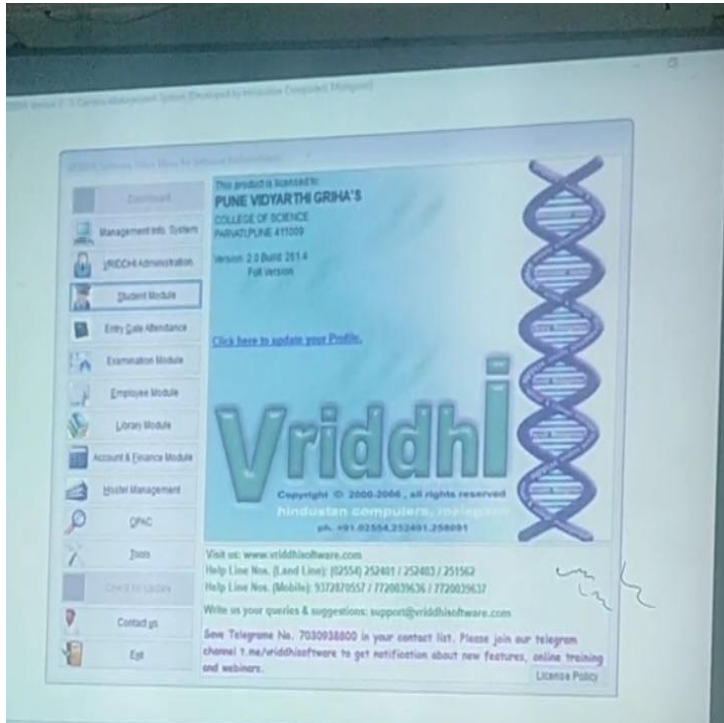
**NDLI Computer Science Page:** The page displays a list of chapters under the heading 'SUBJECTS HOME'. The chapters are: CHAPTER\_01: FUNDAMENTAL COMPUTER CONCEPTS, CHAPTER\_02: NUMBER REPRESENTATIONS, CHAPTER\_03: BOOLEAN ALGEBRA, CHAPTER\_04: SWITCHING CIRCUITS, CHAPTER\_05: COMPUTER ARCHITECTURE, CHAPTER\_06: CODING, CHAPTER\_07: DATA STRUCTURE, CHAPTER\_08: PROGRAM DEVELOPMENT, CHAPTER\_09: ASSEMBLER LANGUAGE PROGRAMMING, CHAPTER\_10: BASIC, CHAPTER\_11: COBOL, CHAPTER\_12: FORTRAN, CHAPTER\_13: P.L.I, CHAPTER\_14: APL, CHAPTER\_15: SIMULINK, CHAPTER\_16: PASCAL, CHAPTER\_17: C LANGUAGE, CHAPTER\_18: BUSINESS APPLICATIONS, CHAPTER\_19: STATISTICS AND PROBABILITY, CHAPTER\_20: MATRICES, SYSTEMS OF EQUATIONS, and CHAPTER\_21: NUMERICAL METHODS.

**NDLI Computer Science Problem Page:** The page displays a specific problem, 'PROBLEM\_07\_0159', with a description: 'Write a FORTRAN program containing four subroutines to initialize a list, insert a name in alphabetical order, delete a name, and output the list in order. You will need to use pointers to create this data structure, known as a chained or linked list.' Below the problem description, there is a 'Graphs' section with a problem: 'PROBLEM\_07\_0164: Classify the following graphs according to the following criteria: a) directed or undirected, b) connected or unconnected, c) planar or nonplanar.' The page also includes a 'SOLUTION' section and a 'Graphs' section with a problem: 'PROBLEM\_07\_0165: Develop a pseudocode program that converts the nodes of the following undirected graph into an adjacency matrix.'





#### 4. Digital Record Room- Use of Vriddhi Software for Admission and Staff Record :





**1. ICT in Computer Sciences- Animation Laboratory, Electronic Laboratory,  
Laboratory – I, Laboratory – III**

