



7.2 Best Practice

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

1. Use of College Website for admission in pandemic situation:

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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Welcome to PVG's College of Science

Events

Welcome Function 2019
29 AUG, 2019

MoU with Green Soldiers recycling Pvt. Ltd

Notice Board

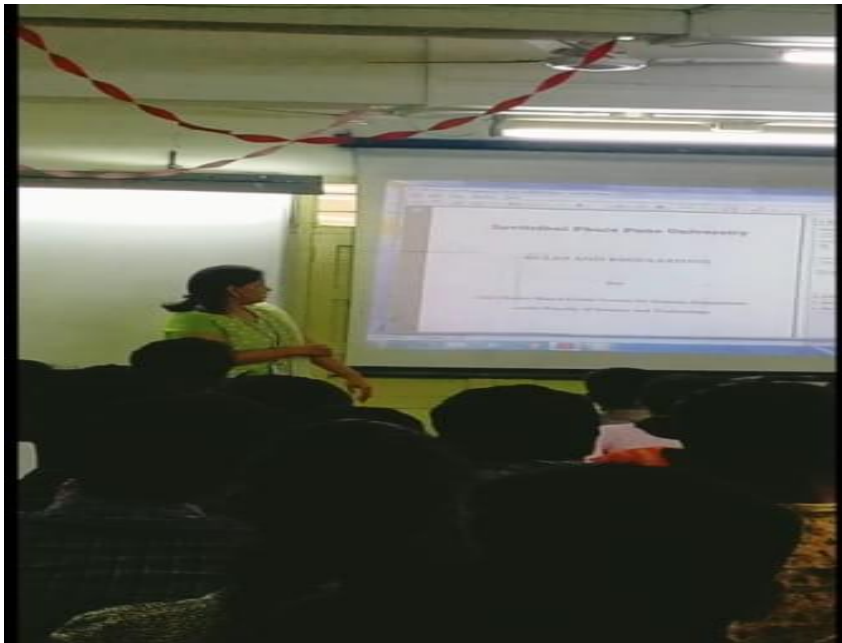
- NOTICE BOARD
FY.B.Sc. (CS)
Internal
Examination
Term-I 2019-20
15 SEP, 2019
- NOTICE BOARD
S.Y.B.Sc. (CS)
Internal
Examination
Term-I 2019-20
15 SEP, 2019
- NOTICE BOARD
TY.B.Sc. (CS)
Internal

- 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:





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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.

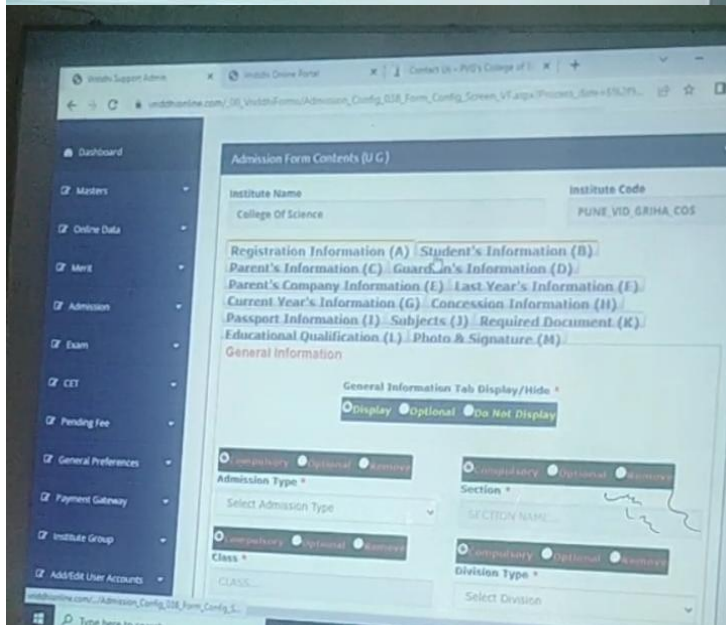
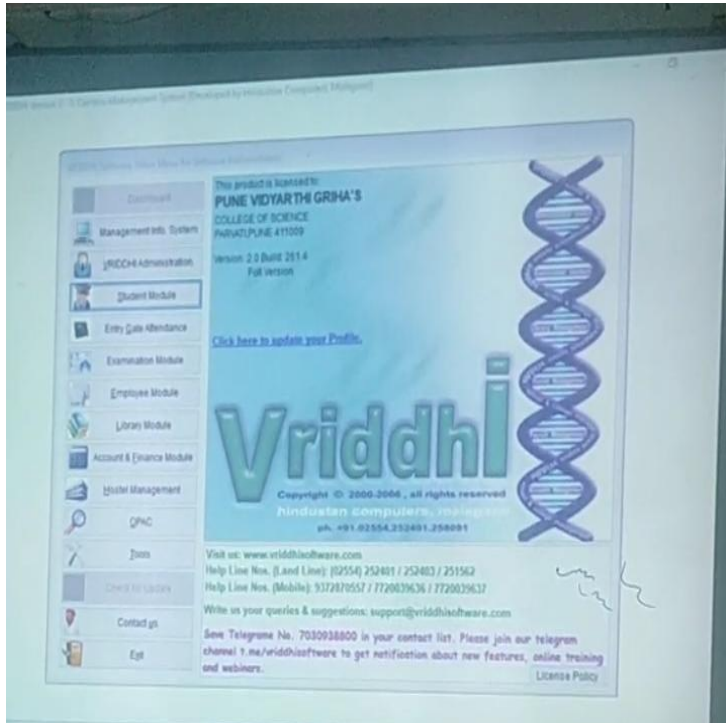
NDLI Home Page: The homepage features a search bar with the text 'Search over 87,867,329 resources'. Below the search bar, there are several navigation menus including 'NEW TEST PREPARATION' (with options like DBSE Examination Preparatory, IIT-JEE and NEET, Joint Admission test for Masters (JAM), Graduate Aptitude in Engineering (GATE), National Eligibility Test (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 & Challenges, and Challenges & Solutions).

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 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. 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 :





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5. ICT in Computer Sciences- using Google Classroom for sharing study material, assigning assignment, online checking of assignment also using Google meets and Zoom meeting for conducting online lectures and practical.

11:04

10 points

Instructions Student work

1	2	43
Assigned	Turned in	Graded
TURNED IN		
<input type="checkbox"/>	Niranjan Naik	0/10 Done late
<input type="checkbox"/>	Simran Adagale	0/10 Done late
ASSIGNED		
<input type="checkbox"/>	Rutuja Dhanave	Missing
GRADED		
<input type="checkbox"/>	Aditi Terni	10/10
<input type="checkbox"/>	Aishwarya Bhosale	10/10

11:03

Harshada Kale

PHP - PSQL database connectivity	10/10
Due Jan 15, 2021	1 1
File handing operations	10/10
Due Dec 31, 2020	1 1
Java - Online Test 2 on chapters 5-8	Turned in
Due Nov 26, 2020	Done late
Programming in java Test 1	Turned in
Due Nov 10, 2020	Done late
Write Functions and Practical assig...	Turned in
Due Nov 20, 2020	1
Practical assignment on Array	Turned in
Due Nov 10, 2020	1
Array functions	✓



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The image displays two screenshots of mobile applications. The left screenshot shows the 'TYBSC' app interface. At the top, the time is 11:03. The app title is 'TYBSC'. Below the title is a list of users, each with a profile picture and a name: Akanksha Dombe, Amey Kode, Anuja Mulay, Archit Naik, Archit Naik, Atharva Anil Kavale, Avisha Agawane, Bhagyashree Aphale, and Darshan Kankhde. At the bottom, there are three navigation options: 'Stream', 'Classwork', and 'People'. The right screenshot shows the 'Google Classroom' app interface. At the top, the time is 11:01. The app title is 'Google Classroom'. Below the title is a list of courses, each with a title, a student count, and a plus icon for more options: 'SYMSc(CS) Sem-III 2022-23' (64 students), 'S.Y.M.Sc.(Computer Scienc... Computer Science' (58 students), 'MSC (Computer Applicati... Computer' (32 students), 'SY BSc 2020-21 Computer science' (46 students), and 'TYBSC Computer science'. At the bottom, there are three navigation options: 'Stream', 'Classwork', and 'People'. A plus icon is visible in the bottom right corner of the right screenshot.