2.2.1 The institution assesses the learning levels of the students and organizes special programs for advanced learners and slow learners

PVG's College of Science, Pune-9

Held during

22.08.2022 to 02.09.2022

Coordinated by,

Dr. Swati Joshi

PVG's College of Science, Pune-9

About Bridge Course

A Bridge Course is Overview of subjects. The main objective of the course is to bridge the gap between subjects studied at Graduation level and subjects they would be studying inpost-Graduation. The syllabus for the course is framed in such a way that they get basic knowledge on the subjects that they would be learning through graduation. This two-week student enhancement and development programme is devised for overall grooming and enhancement of the students' fraternity with a special aspects for industry oriented.

Objectives

1) To build Confidence
2) Able to clear technical rounds in various companies.
3) Able to enhance Programming Knowledge.

Methodology

A Curriculum is framed separately in each of the subjects. During the first week after the commencement of the classes, the bridge course curriculum is delivered to the students in various disciplines. A post bridge course test is conducted after the completion of bridge course syllabus to assess the ability of student's suggestions is given to students for improvisation.

Subject for Bridge Course

Course Subject	Teacher Expert
Advance Programming in 'C'	Priyankakuthwad
Advance Databases	JyotiPatil,RoshaniParate
Java Programming	AjitaBokil,ArchanaGhiware
C++	AjitaBokil,ArchanaGhiware
Data Structures	PratikshaPasalkar
Python Programming	SonaliMutha

Outcome:

Most of the students who attended the bridge course have gained the knowledge and skills of basic concepts of subjects and technical knowledge for industry point .

	Pune VidyarthiGriha's	PVGCOS
	College of Science, Pune -09	NAAC Cycle 2
		2.2.1
		2021-22

PVG's College of Science, Pune-9

To,

The Principal

PVGCOS,Pune

Subject: Request to conduct Bridge Course for MSC final Year students

Respected Sir,

Students are Facing Challenges in placement of various companies therefore would like to request for your permission and support to conduct a Bridge Course. It will be important for all students in the Department to attend the course to enhance technical concept. In addition, the course will ensure that information delivered to students is standardized.

This course is helpful for students

1) To build Confidence
2) Able to clear technical rounds in various companies.
3) Able to enhance Programming Knowledge.

The Course will take place in classroom no 1 from date 22/08/22 to 2/09/22. Please find attached a timetable and a presentation highlighting the key areas focus for the Course.

Brief About Bridge Course (Course Date:-22/08/22 to 2/09/22)

Course Subject	Teacher Expert
Advance Programming in 'C'	Priyanka kuthwad
Advance Databases	Jyoti Patil,Roshani Parate
Java Programming	Ajita Bokil,Archana Ghiware
C++	Ajita Bokil,Archana Ghiware
Data Structures	Pratiksha Pasalkar
Python Programming	Sonali Mutha

Principal
P.V.G.'s College of Science
Vidyanagari, S. No. 44, Parvati,
Pune - 411 009
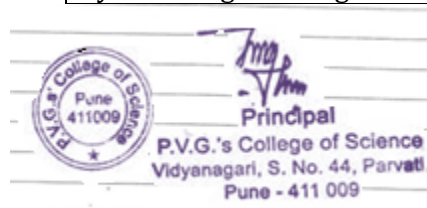
Summary Of Bridge Course

Total Number Of Students attended Bridge Course	Bridge Couse Duration	Course Subject	Teacher Expert
28 Students	**22/08/22** **To** **2/09/22** **(40 Hours)**	Advance Programming in 'C'	Priyankakuthwad
		Advance Databases	JyotiPatil,RoshaniParate
		Java Programming	AjitaBokil,ArchanaGhiware
		C++	AjitaBokil,ArchanaGhiware
		Data Structures	PratikshaPasalkar
		Python Programming	SonaliMutha

Attendence of Students

P.V.G.'s College of Science, Pune - 09.

Event Name: Datastructure
(Bridge course)

Date: 25/8/22

Student Attendance Sheet

Sr. No.	Name	Class	Sign
1	Bhosale Pooja Ankush	FYMsc (CA)	
2	Pawar Gauri Deepak	MSC ((S)	
3	Kharote Aishwarya Rajesh	MSC (CS)	
4	Shivani Muley	Msc (CA)	
5	Siddhi Shinde	MSc(CA)	
6	Mansi Desai	Msc(Cs)	
7	Salonee Shaikh	msc (cs)	
8	Mayuri Kadan	Msc(CA)	
9	Sayali Pawar	Msc(CA)	
10	Tanmay Nitin Kulkarni	MSc (CS)	
11	Omkar Ramdas Yadav	Msc(CS)	
12	Kunal Vikram Desai	Msc(CS)	
13	Prathmesh Bokil	MSC (CS)	
14	Rajvardhan Desai	MSc(CS)	
15	Hingane Aishwarya	MSc (CS)	
16	Manali Joshi	Msc (cs)	
17	Tanmayi Dhanaji kalange	Msc(CS)	
18	Sourabh S. Patil	Msc (CA)	
19	Abhishek Biradar	Msc(CA)	
20	Sohel Bacchubhai	Msc (CA)	

Event Incharge : Pratiksha Pasalkar   Sign :

P.V.G.'s College of Science, Pune - 09.

Event Name: Data structure

(Bridge course)

Date: 25/8/22

Student Attendance Sheet

Sr. No.	Name	Class	Sign
1	Bhosale Pooja Ankush	FYMsc (CA)	Pooja
2	Pawar Gauri Deepak	MSc (CS)	Pawar
3	Kharote Aishwarya Rajesh	MSc (CS)	Aishwar
4	Shivani Muley	Msc (CA)	Muley
5	Siddhi Shinde	MSc (CA)	Siddhi
6	Mansi Desai	Msc (CS)	Desai
7	Salonee Shaikh	MSc (CS)	Saloni
8	Mayuri Kadam	Msc (CA)	Mayuri
9	Sayali Pawar	Msc (CA)	Pawar
10	Tanmay Nitin Kulkarni	MSc (CS)	Tkulkarni
11	Omkar Ramdas Yadav	Msc (CS)	Yadav
12	Kunal Vikram Desai	Msc (CS)	Kunal
13	Prathmesh Bokil	MSc (CS)	P.Bokil
14	Rajvardhan Desai	Msc (CS)	Raj
15	Hingane Aishwarya	Msc (CS)	Aishu
16	Manali Joshi	Msc (CS)	Manali
17	Tanmayi Dhanaji Kalange	Msc (CS)	Kalange
18	Sourabh S. Patil	Msc (CA)	Patil
19	Abhishek Biradar	Msc (CA)	Abhishek
20	Sohel Bacchubhai	MSc (CA)	Sohel

Event Incharge : Pratiksha Pasalkar   Sign : Pasal

P.V.G.'s College of Science, Pune - 09.

Event Name: Advance database   Date: 29 August

Student Attendance Sheet

Sr. No.	Name	Class	Sign
1	Monika chandgude	Msc (cs)	Monika
2	Vaishnavi Pawar	MSC (CS)	Vaishnavi
3	Salonee. L. Shaikh	Msc (cs)	Shaikh
4	Manali Joshi	Msc(cs)	Manali
5	Ashwini Solanki	MSC (CS)	Astoo
6	Sarang. S. Joshi	msc (ss)	S Joshi
7	Prathmesh Bokil	Msc (cs)	PBokil
8	Siddhesh Deepak. Sondkar	MSC (cs)	Sondkar
9	Sohel Bacchubhai	MSC(CA)	
10	Shivam V. Kadam	MSC(CS)	
11	Divesh. V. Golecha	M.SC (cs)	
12	Rajvardhan Desai	Msc (CS)	Desai
13	Omkar Ramdas Yadav	MSc(CS)	Yadav
14	Tanmay Nitin Kulkarni	Msc (cs)	TNkulkarni
15	Aishwarya sanjay Hinyahr	msc (cs)	Aish
16	Tanmayi Dhanaji Kalange	Msc (cs)	Kalange
17			
18			
19			
20			

Event Incharge : Roshani Parate   Sign :

P.V.G.'s College of Science, Pune - 09.

Event Name: C

Date: 2 6 Aug 2022

Student Attendance Sheet

Sr. No.	Name	Class	Sign
1	Tanmayi Dhanaji Kalange	MSc (CS)	
2	Mayuri Vijay Kadam	MSc(CA)	@mayuri
3	Josh Manoj Narendra	MSc (cs)	Manu
4	Hingane Aishwarya	MSc (CS)	
5	Salonee L. Shaikh	MSc (CS)	
6	Mansi. T. Desai	MSc (Cs)	
7	Shivani Muley	MSc (CA)	
8	Monika Chandgude	MSc (CS)	
9	Vaishnavi M. Pawar	MSc (CS)	Vaishnavi
10	Prachiti S. Mulay	MSc (CA)	
11	Akanksha Pramod Pawar	MSc (CA)	Pawar
12	Amey Bhoite	MSc (CA)	Bhoite
13	Diksha Palande	MSc (CA)	
14	PATANGE PRANAV PRAFULLA	MSC.(CA).	
15	SHIROLE SIDDHI S	MSc. (CA)	
16	Manasi Gaikwad	MSc .CA)	Manigaikwad
17	Omkar Ramdas Yadav	MSc (CS)	Yadav
18	Shivam Vilas Kadam	MSc (cs)	
19	Kunal S. Kacale.	MSc (CA)	
20	Rohit . C. Shirole	MSc (CA)	Rohit
21.	Abhishek R. Malve.	MSc. (CS)	

Event Incharge :   **Sign :**

22. Sohel Bacchubhai   MSc(CA)
23. Rajvardhan Desai   MSc (CS)
24. Kunal Desai   MSc(CS)

P.V.G.'s College of Science, Pune - 09.

Event Name: DBMS

Date: 1st Sept 2022

Student Attendance Sheet

Sr. No.	Name	Class	Sign
1	Tanmayi Dhangi kolange	MSC (CS)	Kalange
2	Ashwini Solanki	msc (cs)	Ashu
3	Salonee. L. Shaikh	msc (cs)	Salu.
4	Manali Joshi	Msc (cs)	Manali
5	Mansi Desai	Msc (c.s)	Mansi
6	Kunal Desai	Msc (cs)	Desai
7	Omkar Ramdas Yadav	Msc (cs)	Yadav
8	PATANGE PRANAV P	MSC (CA)	Pran
9	Divesh. V. Goleche	Msc (cs)	Divesh
10	Amey R. Bhoite	Msc (CA)	Bhoite
11	Prathmesh Bokil	Msc (cs)	Bokil
12	Abhishek. R. Malve	Msc (cs)	Malve
13	Siddhi D. god	Msc (CA)	Dgod
14	Diksha Patande	Msc (CA)	Patan
15			
16			
17			
18			
19			
20			

Sign :
Patil

Event Incharge :

Jyoti Patil

P.V.G.'s College of Science, Pune - 09.

Event Name: Python Programing

Date: 23/08/22

Student Attendance Sheet

Sr. No.	Name	Class	Sign
1	Kadam Mayuri Vijay	MSc (CA)	mayuri
2	Pawar Sayali Rajaram	MSc (CA)	Pawar
3	Bhosale Pooja Ankush	MSc (CA)	Pooja
4	Prachi Sachin Gujar	MSc (CA)	Pooja
5	Shivani Shivaraj Muley	MSc (CA)	Shivani
6	Akanksha Pramod Pawar	MSc (CA)	Pawar
7	Rajvardhan Bhagesh dcsai	MSc (CS)	
8	Prachiti S. Mulay	MSc (CA)	
9	Siddhi Shirole	MSc (CA)	
10	Sanskriti. P. Raut	MSc (CS)	Raut
11	Shivani Sandeep Mohite	MSc (CS)	Smohite
12	Pooja Maruti Wagh	MSc (CS)	
13	Pranali Vijaysinh Mohite	MSc (CS)	Pmohite
14	Sohel M Sharif Bacchubhai	MSc (CA)	
15	Tanmay Nitin Kulkarni	MSc (CS)	TNkulkarni
16	Shivam Vilas Kadam	MSc (CS)	kadam
17	Omkar Ramdas Yadav	MSc (C.S.)	Yadav
18	Siddhesh Deepak Sondkar	MSc (C.S)	Sondkar
19	PATANGE PRANAV PRAFULLA	MSc (C.A.)	PsP
20	Siddharth V. Gaikwad	MSc (CS)	S.V.G

Event Incharge :

Sign :

P.V.G.'s College of Science, Pune - 09.

Event Name: C

Date:

Student Attendance Sheet

Sr. No.	Name	Class	Sign
1	Chandgude Monika Ashok	Msc (cs)	Monika
2	Pawar Vaishnavi Mahendra	Msc (cs)	Vaishnavi
3	Mulay Pruthiti Sunil	Msc (CA)	Pruthi
4	Akanksha Pramod Pawar	Msc (CA)	Pawar
5	Rajvardhan Desai	Msc (cs)	Desai
6	Siddhi Shirole	Msc (CA)	Siddhi
7	PATANGE PRANAV PRAFULLA	MSC (CA)	Pranav
8	Kunal Vikram Desai	Msc (cs)	Desai
9	Nihar Konkar	Msc (CA)	Konkar
10	Prathamesh P. Galinde	Msc (CA)	Galinde
11	Uzwal B. Karale	Msc (CA)	Karale
12	Rohit Chandrakant Shinde	Msc (CA)	Rohit
13	Omkar Ramdas Yadav	Msc (cs)	Yadav
14	Manasi Sanjay Gaikwad	Msc (CA)	Gaikwad
15	Sohel Bacchubhai	Msc (CA)	Sohel
16	Tanmayi Dhanaji Kalange	Msc (cs)	Kalange
17	Kadam Mayuri Vijay.	Msc (CA)	@mayuri
18	Joshi Manali Narendra	Msc (cs)	Manali
19	Hingane Aishwarya	Msc (cs)	Aishu
20	Siddhesh Deepak Sandkar	Msc (cs)	Sandkar
21	Divesh. V. Golecha	Msc (cs)	Divesh
22	Mausi. Y. Desi	Msc (cs)	Desi
23	Salonee. Shaikh	Msc (cs)	Shaikh
24	Shivani Muley	Msc (CA)	@Muley

Event Incharge :

Sign :

Pune VidyarthiGriha's
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| 2021-22 |

P.V.G.'s College of Science, Pune - 09.

Event Name: Databases

Date 23/08/22

Student Attendance Sheet

Sr No	Name	Class	Sign
1	Mohite Pranau Vijaysinh	MSc (CS)	
2	Mohite shivani sandeep	MSc (cs)	Smohite
3	Wagh Pooja Maruti	MSc (CS)	Pwagh
4.	Sanskriti Pravin Raut	MSc (CS)	Raut
5.	Sladhi shrikant shrole	MSC (CA)	Sladhi
6.	Prachi Sachin Gujae	MSc (CA)	Gujae
7	Shivani Shivaraj Muley	Msc (CA)	Muley
8.	Akanksha pramod pawar	MSc (CA)	pawar
9.	Prachiti S. Mulay	Msc (CA)	Mulay
10.	Siddhesh D. Sondkar	MSc (CS)	Sondkar
11.	PATANGE PRANAV P.	MSC (CA)	Pral
12.	Omkar Ramdas Yadav	Msc (CS)	Yadav
13	Shivam Vilas Kadam	Msc (cs)	Kadam
14	Tanmay Nitin Kulkarni	Msc (CS)	NKulkarni
15	Sohel Bacchubhai	MSc (CA)	
16	Kalange Tanmayi Dhanji	Msc (CS)	Talange
17	monika Ashok chundgude	msc (CS)	Miley
18	Vaishnavi Mahendra Pawan	Msc (CS)	Vaishnavi
19.	Joshi Manali Alarendra	Msc (CS)	Manali
20	hingane Aishwarya sanjay	MSc (CS)	Aishu

Sign:

Jyoti Padil

Padil

Pune VidyarthiGriha's
College of Science, Pune -09

PVGCOS
NAAC Cycle 2
2.2.1
2021-22

P.V.G.'s College of Science, Pune - 09.

Event Name: Java C++

Date: 23/8/22

Student Attendance Sheet

Sr. No.	Name	Class	Sign
1	Siddhi Shirole	Msc(CA)	Siddhi
2	Nihar konkar	Msc(C.A)	Pkonkar
3	Prathamesh P. Galinde.	Msc (C.A)	Galinde
4	Abhishek Biradar	Msc (CA)	Abhishek
5	Sohel Bacchubhai	Msc (CA)	Sohel
6	Tanmay Nitin kulkarni	Msc (CS)	TNkulkarni
7	Manali Narendra Joshi	Msc (CS)	Manali
8	Hingane Aishwarya sanjay	Msc (CS)	Aishu
9	Monika Ashok chandpule	msc (C.S)	Monika
10	Vaishnavi Mahendra Pawar	Msc (CS)	Vaishnavi
11	Tanmayi Dhanaji kalange	Msc (CS)	Bhalange
12	PATANGE PRANAV PRAFULLA	Msc (CA)	Pran
13	Shivani Shivaraj Muley	Msc (CA)	SMuley
14	Rajvardhan Bhagesh diwai	Msc (CS)	Raj
15	Siddhesh Deepak Sondkar	Msc (CS)	Sondkar
16	Omkar Ramdas Yadav	Msc (CS)	Ondav
17	Gauri Deepak Pawar	Msc (CS)	Pawar
18	Aishwarya Rajesh Kharote	Msc (CS)	AKkharote
19	Anuja Umesh Mulay	Msc (CS)	AMulay
20	Siddharth Gaikwad	Msc (CS)	SVG

Event Incharge :
Archana S. Ghiware

Sign : AGhiware

Photo Gallary

Pune, Maharashtra, India

1b, near Muktangan High School, Nirmal Baug Colony, Sivadarshan Poorgrasta Vasahat, Sadashiv Peth, Pune, Maharashtra 411030, India
Lat 18.490328°
Long 73.853482°
26/08/22 11:11 AM

Pune, Maharashtra, India

1b, near Muktangan High School, Nirmal Baug Colony, Sivadarshan Poorgrasta Vasahat, Sadashiv Peth, Pune, Maharashtra 411030, India
Lat 18.490229°
Long 73.85333°
23/08/22 11:48 AM

Pune, Maharashtra, India
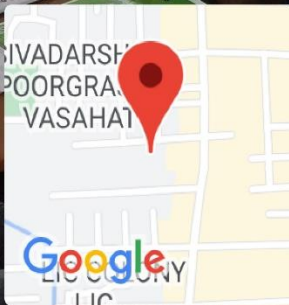
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Lat 18.490213°
Long 73.853321°
26/08/22 11:10 AM

Pune VidyarthiGriha's

College of Science, Pune -09

P.V.G's College of Science, Pune – 411009

Remedial Coaching Program

Class: F.Y.B.Sc.(CS)   **Subject: Basics of Comp. Organization**

Date: **Name of the student:**

Marks obtained (out of 20):   **Roll Number:**

A. **Tick the correct option**
B. **Each question carry 2 marks**

1. What is computer architecture?
   a) set of categories and methods that specify the functioning, organisation, and implementation of computer systems
   b) set of principles and methods that specify the functioning, organisation, and implementation of computer systems
   c) set of functions and methods that specify the functioning, organisation, and implementation of computer systems
   d) None of the mentioned

2. What is computer organization?
   a) structure and behaviour of a computer system as observed by the user
   b) structure of a computer system as observed by the developer
   c) structure and behaviour of a computer system as observed by the developer
   d) All of the mentioned

3. The Stack follows the sequence
   a) first-in-first-out
   b) first-in-last-out
   c) last-in-first-out
   d) last-in-last-out

4. The stack is useful for
   a) storing the register status of the processor
   b) temporary storage of data
   c) storing contents of registers temporarily inside the CPU
   d) all of the mentioned

5. While retrieving data from the stack, the stack pointer is
   a) incremented by 1
   b) incremented by 2
   c) decremented by 1
   d) decremented by 2

6. The process of storing the data in the stack is called ……… the stack.
   a) pulling into
   b) pulling out
   c) pushing into
   d) popping into

7. Which of the following is the smallest entity of memory?

   (a) Block

   (b) Cell

   (c) Instance

   (d) Set

8. Whenever the data is found in the cache memory it is called as _____
   a) HIT
   b) MISS
   c) FOUND
   d) ERROR

9. Thermocouple generate output voltage according to _____
   a) Circuit parameters
   b) Humidity
   c) Temperature
   d) Voltage

10. What is the frequency range of the ultrasonic sound waves used by the ultrasonic sensors?
    a) 20000Hz to 25000Hz
    b) 25KHz to 50KHz
    c) 25Hz to 55Hz
    d) 25Hz to 50Hz

-- **X** --

Pune VidyarthiGriha's
College of Science, Pune -09

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2021-22

P. V. G's College of Science Pune 09

Class : T. Y. B.Sc.(Comp Sci.)   Year 2021-22

Question Bank for Internal Examination I

Subject: Computer Networks

1. Compare OSI and TCP/IP Reference models.

2. Explain Switching.

3. Explain Point-to-Point Protocol.

4. Explain Fragmentation.

5. Explain IPV6.

6. What is Multiplexing?

7. Explain connectionless internetworking.

8. What is congestion control in datagram subnets.

9. Explain Routing in Ad Hoc Networks.

10. comparison of virtual-circuit and datagram subnets.

11. Explain store-and-Forward packet switching.

12. Explain CSMA with collision Detection.

13. What is Time Division Multiplexing?

14. Explain TCP Congestion Control.

15. Explain HTML-The HyperText Markup Language.