



Dr. D. Y. PATIL EDUCATIONAL FEDERATION
Dr. D. Y. Patil Institute of Management and Entrepreneur Development
Approved by AICTE, Affiliated to SPPU Pune

Address: - Sr. No. 27/A/1/2C, Near Talegaon Railway Station, Towards HP Service Station, Varale, Talegaon, Pune,
Maharashtra 410507. **Website:** dypimed.edu.in , dypatilef.com **E- mail-** director.dypimed@dypatilef.com

Dr. D. Y. Patil
Founder Dr. D Y Patil Group

Dr. Sushant Patil
President

Dr. Priyanka A. Singh
Director

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

INDEX

(1.1.2 Supportive Documents)

Sr. No.	Details
1	Academic Calendar of SPPU
2	Academic Calendar of MBA Department 2023-24 (Sem I & III)
3	Academic Calendar of MBA Department 2023-24 (Sem II & VI)
4	Academic Calendar of MCA Department 2023-24 (Sem I & III)
5	Academic Calendar of MCA Department 2023-24 (Sem II & VI)
6	Sample Copy of Academic File index
7	Sample Copy of Notice of Mid Term and End Term Exams
8	Sample Copy of Notice of Project Viva



Dr. D. Y. PATIL EDUCATIONAL FEDERATION
Dr. D. Y. Patil Institute of Management and Entrepreneur Development
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Dr. D. Y. Patil

Founder Dr. D Y Patil Group

Dr. Sushant Patil

President

Dr. Priyanka A. Singh

Director

9	Sample Copy of SPPU External Exam Notice
10	Sample Copy of Time Table of SPPU Exam
11	Sample copy of Assignments
12	Sample copy of Attendance Book
13	Sample Copy of Concurrent Evaluation
14	Sample Copy of Project Evaluation
15	Sample Copy Result Analysis



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President

Dr. Priyanka A. Singh
Director

SPPU Academic Calendar and Academic Calendar of the Institute

An academic calendar is a schedule or calendar that outlines the important dates and events for an academic institution or university. It serves as a framework for planning and organizing the academic year, helping students, faculty, staff, and administrators stay informed about key dates and deadlines.

Following academic calendar inline with the SPPU academic calendar gives clear idea about upcoming schedule of DYPIMED for the academic year 2022-23 which includes Semester Commencement Dates, Class Meeting dates, Holiday lists, Examination dates etc.




Dr. Priyanka Singh
Director
Dr.D.Y.Patil Institute of Management &
Entrepreneur Development, Varale Talegaon
Pune-410507(1)

Savitribai Phule Pune University



Circular No. 184 of 2023

Dates of Commencement and Conclusion of the Academic Year 2023-24 for Affiliated Colleges and Institutes.

It is hereby informed that, the dates of commencement and conclusion of the First and Second term of Courses, under the faculty of **Commerce & Management**, for the academic year 2023-24 shall be as under:

Term - I

Sr. No.	Course, Programme, Year	Commencement	Conclusion	Tentative Commencement Exam	Vacation	
					From	To
1	MBA - I/ MMS - I	17/08/2023	09/12/2023	11/12/2023	11/12/2023	25/12/2023
2	MBA -II	22/07/2023	31/12/2023	01/01/2024	01/01/2024	12/01/2024
3	MCA - I	08/08/2023	02/12/2023	04/12/2023	05/12/2023	25/12/2023
4	B. HMCT - I	05/08/2023	30/11/2023	04/12/2023	01/12/2023	20/12/2023
5	M. HMCT - I	25/07/2023	20/11/2023	22/11/2023	22/11/2023	12/12/2023

Term - II

Sr. No.	Course, Programme, Year	Commencement	Conclusion	Tentative Commencement Exam	Vacation	
					From	To
1	MBA - I/ MMS - I	01/01/2024	30/04/2024	02/05/2024	01/05/2024	14/6/2024
2	MBA -II	17/01/2024	11/05/2024	19/04/2024	12/05/2024	16/06/2024
3	MCA - I	26/12/2023	20/04/2024	25/04/2024	25/04/2024	02/06/2024
4	B. HMCT - I	26/12/2023	20/04/2024	25/04/2024	25/04/2024	02/06/2024
5	M. HMCT - I	13/12/2023	17/04/2024	20/04/2024	22/04/2024	31/05/2024

NOTE :

In case, the Head of the college requires to give additional holidays in exceptional circumstances, he/she may do so by compensating the same by keeping the college working on holidays.

Please refer University Circular No. 93/2023 dated on 30/05/2023 for MBA II

Ref. No. PGS/ 3488

Date: 11/08/2023

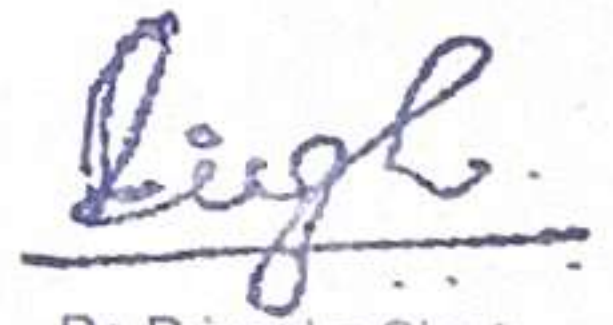


Deputy Registrar
(P.G. Admission)

Priyanka Singh
Director
Dr. D. Y. Patil Institute of Management &
Entrepreneur Development, Varale Talegaon
Pune-410507(1)

Copy to: for Information and necessary action

- The Members of the Management Council.
- The Deans of Faculties.
- The Registrar, Savitribai Phule Pune University, Pune.
- The Director, Board of Examinations & Evaluation, Savitribai Phule Pune University, Pune.
- The Heads of all University Departments.
- The Principals of all Affiliated Colleges.
- The Directors of all Recognized Institutes.
- The Heads of all the Administrative Sections of the University Office.
- Asstt. Registrar, office of the Hon. Vice-Chancellor, Savitribai Phule Pune University
- Asstt. Registrar, office of the Hon. Pro-Vice-Chancellor, Savitribai Phule Pune University



Dr. Priyanka Singh
Director

Dr.D.Y.Patil Institute of Management &
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Pune-410507(1)





Dr. D. Y. Patil Institute of Management and Entrepreneur Development

Department of MBA

ACADEMIC CALENDAR -2023-24 Session I

Holidays	
15-Aug	Independence Day
16-Aug	Parshi New year
19-Sep	Ganesh Chaturti
28-Sep	eid e milad
2-Oct	Gandhi Jayanti
24-Oct	Dhussera
12-Nov	Laxmi Pujan
14-Nov	Diwali Padwa
15-Nov	Bhau Beej
27-Nov	Gurunanak Jayanti
Meetings	
Sep 4	Director
Sep 30	HoD/GFM
Oct	HoD/GFM
Nov 7	Director
Extra/Co-Curricular	
Sat 1	Activity 1
Sat 2	Activity 2
Sat 3	Activity 3
Sat 4	Activity 4
Sat 5	Activity 5
Sat 6	Activity 6
Sat 7	Activity 7
	Weekends
	Meetings
	Exams & Prelims
	Holidays
	Extracurricular

Aug 2023						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		
Sep 2023						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
Oct 2023						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				
Nov 2023						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Summary	
Commencement of Classes	25/8/2023
End Of Class Room Teaching	10/11/2023
End Of Term	15/12/2023
Mid-Term Examination	9/10/2023 To 13/10/2023
Prelim Exam	06/ 11/2023 To 10/11/2023
University Exam(Tentative)	5/12/2023

Days (Lectures+Internal Exams)	60
No of Holidays	10
Extra / Co-Curricular Activity	07
Total Instructional Days	84
Internal Exams	09

Tentative End Term Exam			
Subject MBA I	Subject MBA II	Mid-Term	End-Term
MA	SM	9/10/2023	6/11/2023
OB	DS	9/10/2023	6/11/2023
EABD	IBE	10/10/2023	7/11/2023
BRM	PM	10/10/2023	7/11/2023
BOM	CG	11/10/2023	8/11/2023
DB	SPL 1	11/10/2023	8/11/2023
MF	SPL 2	12/10/2023	9/11/2023
ED		12/10/2023	9/11/2023
LAB		13/10/2023	10/11/2023


Harini Rajan
HOD


Dr. Priyanka Singh
Director, DYP IMED



Dr. Priyanka Singh
Director
Dr.D.Y.PatilInstitute of Management &
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Dr. D. Y. PATIL EDUCATIONAL FEDERATION
Dr. D. Y. Patil Institute of Management and Entrepreneur Development
Department of MCA
ACADEMIC CALENDAR -2023-24 Session I (Sem I & III)

Holidays	
15-Aug	Independence Day
16-Aug	Parshi New year
19-Sep	Ganesh Chaturti
28-Sep	eid e milad
2-Oct	Gandhi Jayanti
24-Oct	Dhussera
12-Nov	Laxmi Pujan
14-Nov	Diwali Padwa
15-Nov	Bhau Beej
27-Nov	Gururanak Jayanti
Meetings	
1/09/2023	Director
Every 2 & 4th Saturday	HoD/GFM
8 days before event	HoD & Event C
1/10/2023	Director
Extra/Co-Curricular	
21 Aug to 31 Aug	Induction
Activity 2	
Activity 3	
Activity 4	
Activity 5	
Activity 6	
Activity 7	
Weekends	
Meetings	
Exams & Prelims	
Holidays	
Extracurricular	

Aug 2023						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		
Sep 2023						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
Oct 2023						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				
Nov 2023						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Summary	
Commencement of Classes	MCA - I: 21/8/2023 MCA -II : 16/8/2023
End of Class Room Teaching	31/10/2023
End of Term	11/11/2023
Mid-Term Examination	03/10/2023 To 05/10/2023
Prelim Exam	01/11/2023 To 10/11/2023
University Exam (Tentative)	16/11/2023

Days (Lectures+Internal Exams)	50
No of Holidays	10
Extra / Co-Curricular Activity	4
Total Instructional Days	86
Internal Exams	12

Tentative End Term Exam			
MCA I	MCA II	Mid-Term	End-Term
JAVA	MAD	3/10/2023	6/11/2023
DSA	DWDM	3/10/2023	7/11/2023
OOSE	STQA	4/10/2023	8/11/2023
OS	AI	4/10/2023	9/11/2023
NT	CC	5/10/2023	8/11/2023
OC1	OC 5	5/10/2023	6/11/2023
OC2	OC 6	5/10/2023	7/11/2023
Practical	Practical		3/11/2023
Project	Project		4/11/2023

Dr. Ashwini Chavan
HOD, MCA

Dr. Priyanka Singh
Director, DYP IMED



Dr. Priyanka Singh
Director
Dr.D.Y.Patil Institute of Management &
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Pune-410507(1)



Dr. D. Y. PATIL EDUCATIONAL FEDERATION
Dr. D. Y. Patil Institute of Management and Entrepreneur Development
Department of MCA
ACADEMIC CALENDAR - 2023-24 Semester II & IV

Holidays	
26/01/2024	Republic Day
08/03/2024	Maha Shivratri
25/03/2024	Holi
29/03/2024	Holiday(Good Friday)
09/04/2024	Gudi Padwa
14/04/2024	Ambedkar Jayanti

January 2024						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Summary	
Commencement of Classes	1/5/2024
End Of Class Room Teaching	3/30/2024
End Of Term	4/12/2024
Mid-Term Examination	01/03/2024 To 02/03/2024
Prelim Exam	05/04/2024 To 13/04/2024
University Exam (Tentative)	4/25/2024

Meetings	
Jan 10: Director	
Jan 2: HoD/GFM	
Feb 1: HoD/GFM	
Mar 1: HoD/GFM	

February 2024						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29		

Days (Lectures+Internal Exams)	78
No of Holidays	6
Extra / Co-Curricular Activity	8
Total Instructional Days	102
Internal Exams	10


Extra/Co-Curricular	
Job Fair	06 Jan 2024
Rang De (Annual Function)	01 to 09 Feb 2024
ShivJayanti	19 Feb 2024
Parents Meet	24 Feb 2024
Python Programming Competition	24 Feb 2024
Poster Making Competition	22 March 2024
Big BUDDY system	23 March 2024
Workshop on AI	30 March 2024

March - 2024						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

Tentative End Term Exam		
Subject MCA I	Mid-Term	End-Term
Python Programming (PP)- IT21	1/3/2024	5/4/2024
Software Project Management (SPM)- IT22	1/3/2024	4/6/2024
Advanced Internet Technologies (AIT) IT23	5/3/2024	4/8/2024
Advanced DBMS (ADBMS)- IT24	2/3/2024	4/9/2024
Optimization Techniques (OT)- MT21	2/3/2024	4/10/2024
PPMOB	29/02/2024	5/4/2024
DevOps	29/02/2024	5/6/2024
Internal Practicals (MCA - I)		4/11/2024
Internal Projects (MCA - I & II)		4/12/2024
Internal Projects (MCA - II)		4/13/2024
Open Course 3 (OC3) - OC21		4/6/2024
Open Course 4 (OC4)- OC22		4/8/2024

Weekends
Meetings
Exams & Prelims
Holidays
Extracurricular

April 2024						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				


Dr. Ashwini Chavan
 HOD, MCA


Dr. Priyanka Singh
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President

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Director

ACADEMIC FILE INDEX

An academic file is a structured outline or framework designed by the educators to guide their teaching activities and ensure effective instruction.

Following is a sample academic file index we follow in DYPIMED.




Dr. Priyanka Singh
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Dr. D. Y. Patil Educational Federation
Dr. D. Y. Patil Institute of Management & Entrepreneur
Development, Varale, Talegaon

Academic Year: 2022-23

Faculty: Dr. Harini Rajan

Subject: Legal Aspects of Business


Class: MBA I Sem.: I

Specialization: Common

Subject Code: 111 (UL)

Sr. No.	Details	Page No.
1	Vision & Mission of Institute	Common
2	Academic Calendar	Common
3	Time Table	Common
4	Personal Time Table	Self
5	University Syllabus	
6	Syllabus Structure	Common
7	Gap Identification between syllabus and industry requirement	Self
8	Learning Objective of subject	Self
9	Lesson Plan/ Teaching plan	Self
10	List of Reference Books, Text books and websites Referred	Self
11	List of research papers respect to subject.	Self
12	List of case studies made available	Self
13	Topic wise list of teaching Aids used	Self
14	List of CCE Planned	Self
15	CCE Mapping with Co's	Self
16	Mid Term Question Paper	During mid term
17	Mid Term Model Answer Sheet	"
18	Mid Term Result	"
19	End Term Question Paper	During End term
20	End Term Model Answer Sheet	"
21	End Term Result	"
22	Assignment and solutions corresponding to Course objective	After Assignment
23	Assignment Evaluation Sheet	
24	CCE 1 Report & Evaluation Sheet	After CCE
25	CCE 2 Report & Evaluation Sheet	After CCE
26	Question Bank	Self
27	University Question Bank/ Previous year question papers	Self
28	Subject Result Analysis	After Exam




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Entrepreneur Development, Varale Talegaon
Pune-410507(1)

29	Attendance book	Time to time
30	List of slow learners	After assessment
31	Records of actions taken for slow learners	End
32	List of 10 toppers	After exam
33	Extra efforts taken to improve performance of toppers	After end sem
34	Notes	Self
35	MCQ	Self
36	Attainment of Course objective	After Results
37	Internal Marks given to University	After Marks



Priyanka Singh

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Dr. Sushant Patil
President

Dr. Priyanka A. Singh
Director

Sample Copy of Daily Academic Status



Dr. Priyanka Singh
Director
Dr.D.Y.Patil Institute of Management &
Entrepreneur Development, Varale Talegaon
Pune-410507(1)

22/11/24 Friday

SRNO	Faculty Name	Subject	Remark	Present no. of student
1)	SD	EABD	✓	
2)	SB	IKS	✓	
3)	SS	MF	✓	
4)		BC-1 - (MF)	✓	
5)		OB - (BOT)	✓	
6)	SK	BOT - p. orientation		
7)		placement - due to cum orientation form feeling		



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27/11/24 Wednesday

Div - A

present
No. of student

Sl No	Faculty Name	Subject	Remark	present No. of student
1)	SP	ADBTIS	✓	32
2)	PM	PP	✓	
3)	PM	PP } prep	✓	
4)	PM		PP	✓
5)	RK	WID	✓	32
6)	NR	SBPTM	✓	
7)	AC	(BSJOM)	✓	
8)	AC	BS	✓	

Div - B

1)	KS	DSA } prep	✓	
2)	KS		DSA	✓
3)	KS	DSA	✓	
4)	AC	BS	✓	
5)	PM	PP	✓	
6)	RK	WID	✓	30
7)	SP	ADBTIS	✓	31
8)	SP	ADBTIS	✓	31



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President

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Director

SYLLABUS COVERAGE REPORT

A monthly report is a document that provides information and updates on the performance, progress, or activities of an individual, team, department, or organization over a specific month.

At DYPIMED we maintain a record of how many lectures have been conducted and how many lectures will be conducted. How much portion has been completed and how much is remaining with the name of the faculty.



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Dr. Sushant Patil
 President

Dr. Priyanka A. Singh
 Director

MCA Department, Academic Year 2023-24
Syllabus Coverage Report
MCA – I & II Year

SEM - II						
Subject Code	Subject Name	Faculty Name	Number of Lectures		% of Syllabus Completed	Remark
			Scheduled	Conducted		
IT21	Python Prog.	Prof. Prashant Malavadkar	45	44	100	
IT22	SPM	Prof. Kiran Shejul	45	45	100	
MT21	OT	Prof. Jagruti Mhaske	45	54	100	
IT23	AIT	Visiting Faculty	45	50	100	
IT24	ADBMS	Prof. Sonali Late	45	49	100	
OC21	OC3	Prof. Reshma Karande	15	17	100	
OC22	OC4	Prof. Reshma Karande	15	15	100	
SS21	Softs Skills	Pro. Lavina Sharma	25	22	100	

SEM - IV						
Subject Code	Subject Name	Faculty Name	Number of Lectures		% of Syllabus Completed	Remark
			Scheduled	Conducted		
IT41	DevOps	Prof. Anuja Mali	45	34	100	Syllabus Fully Covered. but records are not updated.
BM41	PPM & OB	Dr. Ashwini Chavan	45	43	100	Syllabus Fully Covered. 2- sessions of Que. Paper Solving is remaining.

Prof. Kiran Shejul
 DAC

Dr. Ashwini Chavan
 HoD

Dr. Priyanka Singh
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Dr. D. Y. Patil

Dr. Sushant Patil

Dr. Priyanka A. Singh

Founder Dr. D Y Patil Group

President

Director

Time Table for End- Semester Examination 2023 - 24

MCA – Semester II & IV

All the students of MCA FY and SY are hereby informed that your End-semester examination is scheduled from 15/04/2024 to 20/04/2024. The detailed schedule is as follows.

MCA Semester II

Date	Day	Time	Course Code	Course Title
15/04/2024	Monday	10:30 AM - 12:30 PM	IT21	Python Programming
16/04/2024	Tuesday	10:30 AM - 12:30 PM	IT22	Software Project Management
16/04/2024	Tuesday	01.30 PM - 03.30 PM	OC21	Open Course 3 (Online Link)
17/04/2024	Wednesday	10:30 AM - 12:30 PM	IT23	Advanced Internet Technologies
17/04/2024	Wednesday	01.30 PM - 03.30 PM	OC22	Open Course 4 (Online Link)
18/04/2024	Thursday	10:30 AM - 12:30 PM	MT21	Optimization Techniques
19/04/2024	Friday	10:30 AM - 12:30 PM	IT24	Advanced DBMS
19/04/2024	Friday	01.30 PM - 03.30 PM	SS21	Soft Skills - II
20/04/2024	Saturday	10:00 AM - 12:30 PM	IT21L	Practical (Div A)
		10:00 AM - 04:00 PM		Project (Div B)
		01:30 PM - 04.00 PM		Practical (Div B)
		10:00 AM - 04:00 PM		Project (Div A)

MCA Semester IV

Date	Day	Time	Course Code	Course Title
15/04/2024	Monday	01:30 PM - 3:30 PM	IT41	DevOps
16/04/2024	Tuesday	01:30 PM - 3:30 PM	BM41	PPM and OB
17/04/2024	Wednesday	10:00 AM- 4.00 PM	ITC41	Project (Div A)
18/04/2024	Thursday	10:00 AM- 4.00 PM	ITC41	Project (Div B)

Exam Coordinator
Prof. C. N. Reddy

HOD
Dr. Ashwini Chavan

Director
Dr. Priyanka A. Singh





Dr. D. Y. PATIL EDUCATIONAL FEDERATION
Dr. D. Y. Patil Institute of Management and Entrepreneur Development

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President

Dr. Priyanka A. Singh

Director

Date :-23/06/2024

NOTICE

MBA – Department

SIP – Backlog VIVA – SPPU Exam May - June - 2024

This is to inform all the **MBA students with backlog in their Summer Internship Viva**, that the External SPPU viva is scheduled on 27/06/2024 at institute.

It is mandatory for all concerned students to report to the institute at 9.45 am with their SIP Black Hard Bound copy to appear for SIP Viva

Date:-27/06/2024 (Thursday)

Time: 10.00 am

Venue: Institute premises (MBA – HOD Cabin)

Important Note

Students who have not submitted their Hard Bound SIP Projects to the institute, need to submit it before 9.30 am on date of SIP Viva. **Please ensure that you should carry your hall ticket of SPPU exam and Identity card of the institute.**

Backlog Seat numbers for reference:

2019 Pattern: 1795, 2446,

2019 Revised pattern: 17890, 17898, 17901, 17915, 17922, 17932, 17942, 17958, 17983, 17986, 17989, 17994

Dr. Rajesh Jha
SIP- Coordinator

Dr. Harini Rajan
HOD - MBA

Dr. Priyanka Singh
Director



DYPEF's

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President

Dr. Priyanka A. Singh

B.Sc. (Hons), MBA, Ph. D.

Director

Ref: DYPIMED/MCA/Exam./2023-24/

Date: 27/03/2024

EXAM NOTICE

All the MCA Students are hereby informed that they should fill their March/April-2024 Examination form on or before **05/04/2024.** Examination form will be available in the SPPU web site, fill Exam Form carefully & online print submit with Last Year/Sem Mark Sheet Xerox copy in the office. All the Institute Fees, Scholarship Online Form (If Applicable) and any other dues should be cleared before filling the Examination form.

Examination Fees pay in Account Section as per your online Exam fee statement.



Director

Dr. D.Y. Patil Institute of Management & Entrepreneur Development, Varale, Talegaon. Pune-410 507.

Q.1 Explain the various types of Transmission media (Guided and unguided) media.

→ Transmission media, in the context of computer networking and telecommunications, refers to the physical means by which data is transmitted from one location to another. There are two main categories of transmission media: guided media and unguided media.

Guided Media :-

Guided media is also known as wired or bounded media, involve a physical, tangible pathway that guides the electromagnetic signals between devices. here are some common types of guided media:

1] Twisted Pair cable :-

Twisted pair cables consist of pairs of insulated copper wires twisted together. They are the most common type of cabling used in networking.

often used in telephone lines and Ethernet networks for short to medium distances.

2] Coaxial cable :-

Coaxial cable have a central conductor surrounded by an insulating layer, a metallic shield & an outer insulating layer. This construction provides better shielding against external interference.

Traditionally used for cable television & broadband internet connection.

3] Fiber-Optic cable :-

Fiber-Optical cable use strands of glass or

plastic fibers to transmit data as pulses of light.

- use for long distance communication & high-speed internet connections.

Unguided Media :-

Unguided media also known as wireless or unbounded media, do not have a fixed physical path to guide the signals. Instead, they rely on the propagation of electromagnetic waves through the air or other mediums.

Here are some common types of unguided media.

1) Radio Waves :-

- Radio waves are used for wireless communication. They have longer wavelengths and lower frequencies compared to microwaves.
- Radio broadcasting, wi-fi, bluetooth, and other wireless technologies used radio waves.

2) Microwaves :-

Microwaves have shorter wavelengths and higher frequencies compared to radio waves.

- They are used for high-frequency, point-to-point communication.
- Microwave communication is often used for satellite links and line-of-sight communication in terrestrial networks.

3) Infrared Waves :-

- Infrared waves have even shorter wavelengths than microwaves.

- They are used for short range communication.
- Infrared is commonly used in remote controls for devices like televisions & DVD players.

4] Satellite communication :-

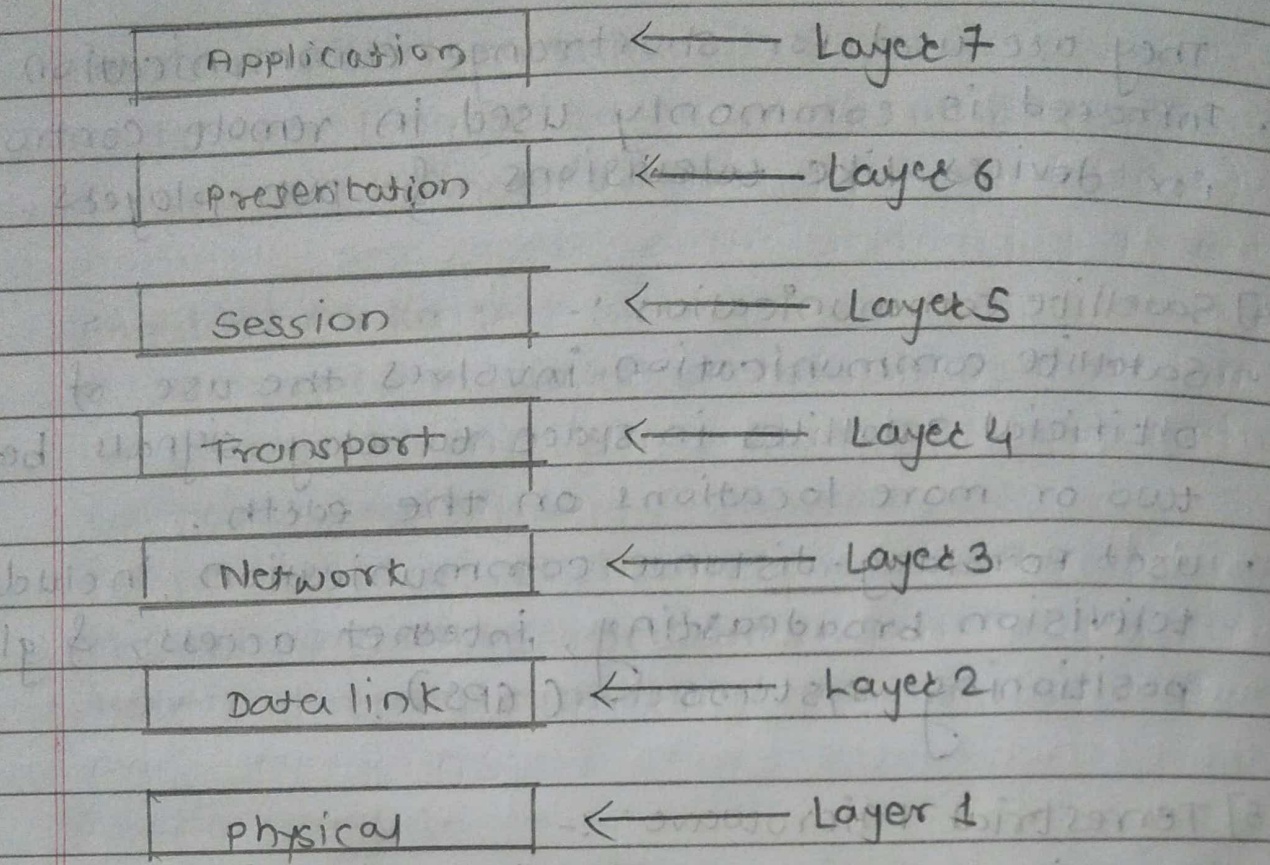
- Satellite communication involves the use of artificial satellites in space to relay signals between two or more locations on the earth.
- used for long-distance communication, including television broadcasting, internet access, & global positioning systems (GPS).

5] Terrestrial Microwave :-

- This involves the use of highly directional antennas to establish line-of-sight communication between two on the earth's surface.
- often used for long-distance communication in situations where laying physical cables is impractical.

Q2. Explain in detail the ISO - OSI model.

- The ISO - OSI (International Organization for Standardization - Open System Interconnection) model is conceptual framework that standardized functions of a telecommunication or computing system into seven distinct layers.
- Each layer is responsible for specific tasks, and the model helps in understanding and the model designing complex networking systems.
- Here's a detailed explanation of each layer.



1] physical Layer :-

- The physical layer deals with the actual physical connection between devices. It defines the electrical, mechanical & procedural aspects of data transmission
 - physical characteristics of the medium (eg. cables, wireless frequencies)
 - Types of connectors & their pin assignments
 - Data rates and maximum cable lengths
 - Transmission modes (simple, half-duplex, full duplex)
- eg. cables, switches, network adapters hubs

2] Data link layer :-

This layer focuses on reliable data transfer between directly connected nodes over a link. It also handles error detection & correction.

- Framing :- Dividing data into frames for transmission.
- MAC addressing (Media Access Control) for devices on the same network.
- Flow control (ensures data is sent at a rate that the receiver can handle).
- Error detection using techniques like CRC (Cyclic Redundancy Check).
- Link layer switching & bridging.
eg. :- Network interface cards (NICs), switches, bridges.

3) Network Layer :-

The network layer is responsible for routing packets for the source to the destination across multiple networks. It makes decisions based on logical addresses.

- Logical addressing (IP).
- Routing :- Determining the best path for data transmission.
- Fragmentation & reassembly of packets.
- Congestion control & traffic management.
eg. :- Routers, Layer 3 switches.

4) Transport layer :-

This layer ensures end-to-end communication betⁿ devices. It takes care of segmenting data, establishing, maintaining & terminating connections.

- End-to-end error detection & correction.
- Flow control betⁿ devices.

- Multiplexing
- ex :- Transmission control Protocol (TCP)
User Datagram Protocol (UDP)

5) Session Layer :-

The session layer establishes, maintains & terminates connections between applications on different devices.

- Establishing, managing & terminating sessions
- Synchronization & check pointing to ensure data integrity during communication
- eg :- NetBIOS

6) Presentation Layer :-

This layer is responsible for transferring data into a format that the application layer can understand and vice versa.

It deals with data formatting, encryption & compression.

- Data encoding / decoding (ASCII, EBCDIC, etc)
- Data compression & encryption

eg. SSL / TLS (Secure Sockets Layer / Transport Layer Security)

7) Application Layer :-

The application layer is the interface between the user's application & the network. It provides network services directly to end-users or applications processes.

- Providing services like email, file-transfer, remote access etc.

• Interface between the user & network

eg :- HTTP

SMTP

FTP

Q.3. Explain the need of layering. Also explain the application, transport and Internet layer protocols in details.

→ Need of Layering :-

① Modularity & Abstraction :-

Each layer is responsible for specific tasks, and it operates independently of the layers above and below it. This allows for easier development, troubleshooting, & upgrades.

② Interoperability :-

Different layers can be developed & updated separately, as long as they adhere to the defined interfaces. This promotes compatibility between different hardware & software implementations.

③ Standardization & Protocols :-

Layering facilitates the development of standardized protocols. This ensures that devices and systems from different manufacturers can communicate effectively.

④ Isolation of complexity :-

Each layer deals with its own set of tasks and doesn't need to understand the complexities of the layers.

Application Layer :-

The application layer is the top most layer in the OSI model. It is responsible for providing network services directly to end-user applications. Here are some key protocols associated with this layer.

① HTTP :-

Used for transmitting web pages and other resources over the internet. It defines how web browsers and web servers communicate.

② FTP :-

Facilitates the transfer of files between a client and a server on a network. It handles uploading and downloading files to and from servers.

③ SMTP :-

Responsible for sending and receiving email messages between servers. It handles sending & receiving emails.

Transport layer :-

The transport layer is responsible for end-to-end user communication between devices. It ensures reliable and error-free data transfer. Key protocols at this layer include:

① TCP :-

Provides reliable connection-oriented

Communication. It ensures data integrity, sequencing, and flow control between two devices. Web browsing, email, file transfer, etc.

② UDP :-

Offers connectionless, light weight communication. It does not guarantee reliability but is faster and more efficient for certain applications.

Internet Layer :-

The internet layer handles the routing of data packets between different networks. It is responsible for logical addressing & determining the best path for data to reach its destination.

① IP :-

Provides logical addressing (IPv4 or IPv6) for devices on a network. It defines how packets are addressed and routed across the internet, enabling communication between devices on the internet.

② ICMP :-

Used for error reporting & diagnostic messages between network devices. It helps detect and troubleshoot network issues. Ping (testing network connectivity), error reporting.

Q.4 Explain various Error Detection Methods with example in details.

→ ① Parity check :-

Parity check is a basic error detection method that adds an extra bit (the parity bit) to a group of bits. The value of the parity bit is determined on the number of set bits (1s) in the data. There are two types.

- Even Parity
- Odd Parity

ex :-

consider a 4-bit data stream: '1010'

- when even parity, the parity bit is '0' because there are already two set bits
- The transmitted data becomes '10100'

Error Detection :-

If an odd number of bits are flipped during transmission, the parity check will detect the error.

② checksum :-

checksum is more sophisticated error check detection method commonly used in network communication. It involves summing up all the bits in a packet and appending the sum as an extra field.

ex :-

consider a packet with the data: '10101101'
11010010, 10110111'

Summing up the bits (in Binary): '11001110'
which is 'CF' in hexadecimal.

The packet becomes: '10101101 11010010 10110111'

Error Detection :-

If an error occurs during transmission, the recalculated sum does not match the transmitted sum, an error is detected.

③ Cyclic Redundancy Check (CRC) :-

CRC is a powerful error detection technique widely used in networking & storage systems. It involves polynomial division where the sender and receiver use the same predefined polynomial.

④ Hamming code :-

Hamming code is an error detection & correction method that adds extra bits (parity bits) to the original data. These bits are carefully chosen to provide both detection & correction of errors.

ex: -

consider a 4-bit data stream: '1010'

Three parity bits ('P₁', 'P₂', 'P₃') are added in positions 1, 2, and 4 to create a 7-bit codeword: 'P₁ P₂ 1 P₃ 0 1 0'

Error detection & correction :-

The receiver checks the parity bits. If any of them are incorrect, an error is detected.

Additionally, the positions of the incorrect bits allow for correction.

Q.5. Suppose the bit string 111001101 is transmitted and the received code is 110001101 is received. Find and correct the error.

→ To find and correct the error, we'll use the hamming code, which is a method for error detection and correction.

Step 1 :- Identify Parity Bits

In hamming code, we add parity bits to the original data bits. The position of the parity bits are powers of (1, 2, 4, 8, etc).

original Data '111001101' (11 bits)

Parity bits : 'P₁, P₂, P₄, 0 10' (7 bits)

Step 2 :- calculate Parity bits

P₁ check positions : 1, 3, 5, 7, 9, 11

P₂ check positions : 2, 3, 5, 7, 10, 11

P₄ check positions : 4, 5, 6, 7

Let's calculate the parity bits

P₁ :-

- check bits : 1, 3, 5, 7, 9, 11

- sum these bits in the positions (ignoring 0)

1 + 1 + 0 + 1 + 1 = 4 (even)

- P₁ should be '0' (since the sum is even)

P₂ :-

- check bits : 2, 3, 6, 7, 10, 11

• Sum the bits in these positions (ignoring P_2):

$$1 + 1 + 1 + 1 + 0 = 5 \text{ (odd)}$$

• P_2 should be '1' (since the sum is odd).

P_4 : '10' ('10')

• Check bits = 4, 5, 6, 7.

• Sum the bits in these positions (ignoring P_4)

$$0 + 0 + 1 + 1 = 2 \text{ (even)}$$

• P_4 should be '0' (since the sum is even)

So, the calculated parity bits are '011'.

Step 3: check for errors.

Received code: '11000110101' (11 bits).

Step 4: - Calculate Parity bits for received code, using the same process as before

P_1 :

• Check bits: 1, 3, 5, 7, 9, 11

• Sum the bits in these positions (ignoring P_1)

$$1 + 0 + 0 + 1 + 1 = 3 \text{ (odd)}$$

P_2 :

• Check bits = 2, 3, 6, 7, 10, 11

• Sum the bits in these positions (ignoring P_2)

$$1 + 0 + 1 + 1 + 0 = 3 \text{ (odd)}$$

P_4 :

• Check bits: 4, 5, 6, 7

• Sum the bits in these positions (ignoring P_4):

$$0 + 0 + 1 + 1 = 2 \text{ (even)}$$

So, the calculate parity bits received code are '110'

Step 5 :- Identify Errors
 Comparing the received parity bits ('110') with the calculated parity bits ('011') we see error

Step 6 :- Correct the Errors
 There error is in position 2 (P2). Flip the bit in that position.
 correct code: 11100110101

The error has been detected & corrected using Hamming code.

Q.6. Explain the error and flow control protocols.
 → Flow Control Protocols :-

① Stop and wait :-
 This is a simple flow control technique used in ARQ. In this method, the sender sends once frame at a time and waits for an acknowledgment before sending the next frame.
 Advantage - Simple & easy to implement.
 Disadvantage - Low efficiency, as the sender is often idle waiting for the acknowledgment.

② Sliding Window :-
 This is more sophisticated flow control technique. It allows multiple frames to be in transit at the same time, which increases the

efficiency of data transfer.

Window size -

Determines how many frames can be sent before an acknowledgement is required. Selective Repeat & Go-Back N - Variants of sliding windows protocol that allow for retransmission of specific frames if needed.

3) Credit-based flow control :-

In credit-based flow control, the receiver explicitly informs the sender of how much data it can accept.

Credit window -

The receiver advertises its available buffer space or credits to the sender.

Advantage -

Allows for dynamic adjustment of the sender's rate based on the receiver's capacity.

4) Window-Based flow control :-

Similar to sliding window, but with additional features like dynamic window size adjustments based on network conditions.

Use in modern high-speed networks to optimize data transmission.

Q.7. Explain the HDLC protocol in details.

→ HDLC (high-level data link control) is a widely used data link layer protocol for reliable & efficient communication over synchronous serial links. It was standardized by the

international organization for standardization (ISO) as ISO 13239.

Here are the key aspects of HDLC protocol:

Frame format :-
HDLC frames consist of several fields, including

1) Flag :-
Delimiter indicating the start and end of the frame. It is always "01111110" (0x7E) and helps in frame synchronization.

2) Address Field :-
In many configurations, this field is optional and can be omitted. It typically specifies the source and destination address.

3) Control Field :-
Contains control information. It may include sequence numbers for error control & flow control. It also specifies the type of frame (information, supervisory or unnumbered).

4) Data Field :-
Contains actual data being transmitted. The length of this field can vary.

5) Flag :-
Marks the end of the frame.

Frame types :-

1. Information frames (I-frames)
2. Supervisory Frames (S-frames)
3. Unnumbered Frames (U-frames)

Operation Models :-

1. Normal Response mode (NRM)
2. Asynchronous Response Mode (ARM)
- 3) Asynchronous Balanced Mode (ABM).

Error Detection & Handling :-

HDLC uses a frame check sequence (FCS) for error detection. If an error is detected, the frame is usually discarded successfully.

For reliable communication, HDLC complements mechanisms like automatic repeat request (ARQ) to ensure that frames are delivered successfully.

Addressing :-

While HDLC frame have an address field, it's often unused or set to a default value in many implementations. Modern networks often rely on higher-layer protocols for addressing.



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President

Dr. Priyanka A. Singh
Director

SAMPLE COPY OF CONCURRENT EVALUATION

Being affiliated to SPPU, Pune, as instructed by SPPU we follow a continuous assessment system in semester system (also known as internal assessment/comprehensive assessment) is spread through the duration of course and is done by the teacher teaching the course.

Following is the sample copy of internal concurrent evaluation.




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Director
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Dr. D. Y. Patil Institute of Management & Entrepreneur Development

Data Warehousing and Data Mining

INTERNAL MARKS SPPU

MCA II Sem III-2021-2023

Sr. No.	Roll No.	Seat No.	Students Name	Mid Term (25)	Mid Term out of(5)	End Term(50)	End Term out of(5)	Assignment (30)	Assignment (out of(10))	Attendance 40	attendance in percentage	Attendance(5)	Total
			Total Marks	25	5	50	5	30	10	40	100	5	25
1	22101		AGALE MRUNAL ARJUN	13	3	8	1	30	10	9	22.5	4	18
2	22102		AMRUTE MADHAV PANDITRAO	8	2	4	1	15	5	18	45	5	13
3	22103		ARUDE SAPANA SONUBHAU	9	2	2	1	0	0	0	0	5	8
4	22104		ASHTEKAR DHANASHREE SANJAY	11	3	9	1	0	0	4	10	4	8
5	22105		AVHAD GAYATRI SANJAY	4	1	2	1	30	10	6	15	4	16
6	22106		BAHIRAM SURAJ GULABRAO	3	1	0	0	0	0	0	0	4	5
7	22107		BADVE TEJAS DIPAK	10	2	9	1	30	10	13	32.5	5	18
8	22108		BANKAR GAURAV KISHOR	7	2	AB	0	0	0	0	0	5	7
9	22109		BHAGAT RUSHIKESH DNYANDEV	10	2	0	0	0	0	3	7.5	4	6
10	22110		BHAGAT SAMARTH RAVINDRAKUMAR	8	2	AB	0	0	0	6	15	4	6
11	22111		BHOIR OMKAR MANIK	6	2	0	0	0	0	1	2.5	4	6
12	22112		BHOTE KAREENA VIJAY	14	3	10	1	30	10	0	0	4	18
13	22113		BURTE HARSHADA PRAVIN	17	4	18	2	30	10	30	75	5	21
14	22114		CHAVAN PRATAP SHIVAJI	7	2	3	1	0	0	2	5	4	7
15	22115		CHAVAN SACHIN VINAYAK	5	1	0	0	0	0	7	17.5	5	6
16	22116		CHAVAN SAYALI GOVARDHAN	10	2	7	1	0	0	7	17.5	5	8
17	22117		CHAVAN SHIVANI YASHAVANT	7	2	2	1	0	0	1	2.5	4	7
18	22118		CHEMATE ABHISHEK BALASAHEB	1	1	1	1	0	0	2	5	4	6
19	22119		CHIKANE PRATHAMESH BAJIRAO	3	1	0	0	0	0	0	0	4	5
20	22120		CHINCHAKAR SAGAR PANDURANG	AB	0	AB	0	0	0	0	0	0	0
21	22121		CHOUDHARY PREETI ARVIND	11	3	7	1	0	0	0	0	4	8
22	22122		DALVI HRUTIK HARIBHAU	5	1	6.5	1	0	0	4	10	4	6
23	22123		DANGADE POOJA RAMDAS	7	2	1	1	0	0	3	7.5	4	7
24	22124		DAREKAR YATIN SUKHDEV	7	2	0	0	0	0	8	20	5	7
26	22126		DAVANE NEHA RAJESH	4	1	1	1	0	0	0	0	4	6
27	22127		DEORE PARTH KIRAN	5	1	1.5	1	0	0	0	0	4	6
28	22128		DESALE ANAND RAMDAS	8	2	4.5	1	0	0	0	0	4	7
29	22129		DESHMUKH DHANSHRI LAXMIKANT	13	3	13.5	2	30	10	33	82.5	4	19
30	22130		DESHMUKH SHIVAM RAJESH	AB	0	0	0	0	0	0	0	0	0
31	22131		DESHMUKH VAISHNAVI RAJABHAU	15	3	15.5	2	0	0	12	30	4	9
32	22132		DHANDE PRAJWAL SAJAN	AB	0	AB	0	0	0	0	0	0	0
33	22133		DHOTRIKAR ADITYA ANAND	13	3	4	1	0	0	11	27.5	5	9
34	22134		DUBE AKANKSHA MANIK	14	3	5	1	30	10	6	15	4	18
35	22135		GAIKWAD PALLAVI BAPU	13	3	8.5	1	30	10	11	27.5	5	19
36	22136		GAIKWAD VAISHNAVI VAMAN	15	3	8	1	30	10	8	20	5	19
37	22137		GAWANDE VISHAL ASHOK	8	2	AB	0	0	0	4	10	4	6
38	22138		GAYKHE LAXMIKANT VIJAY	11	3	4	1	30	10	6	15	4	18
39	22139		GHARGE AKASH RAMESH	7	2	4	1	0	0	8	20	5	8
40	22140		GHARGE SANGRAM SHIVAJI	7	2	AB	0	0	0	0	0	4	6
41	22141		GHONE SAYELI NITIN	9	2	3.5	1	0	0	6	15	4	7
42	22142		GIRASE SANDIPKUMAR DNYANESHWAR	6	2	2	1	0	0	1	2.5	4	7
43	22143		GORE SHRADDHA ASHOK	7	2	0	0	0	0	12	30	5	7
44	22144		GURAME BAGAYASHREE TULASHRAM	10	2	2.5	1	30	10	2	5	4	17
45	22145		GURAME RUTUJA NAGESH	14	3	12.5	2	30	10	8	20	5	20
46	22146		JADHAV ANIKET RAJESH	6	2	4.5	1	0	0	2	5	4	7
47	22147		JADHAV KAPIL BALKRISHNA	6	2	2.5	1	0	0	7	17.5	4	7



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 Director
 Dr.D.Y.Patil Institute of Management &
 Entrepreneur Development, Pune
 Pune-411007 (I)

48	22148	JAGTAP SAGAR ASHOK	6	2	2	1	0	0	0	0	4	7
49	22149	JAMBE SHRUTIKA JAGDISH	11	3	2	1	30	10	7	17.5	5	19
50	22150	JAMNARE ANIKET ARUN	9	2	5.5	1	0	0	5	12.5	4	7
51	22151	JOSHI ATHARVA VIJAY	AB	0	2.5	1	0	0	2	5	4	5
52	22152	KADU PRAJWAL KISHOR	AB	0	AB	0	0	0	3	7.5	5	5
53	22153	KALE AARYAVARTA CHARUDATTA	3	1	AB	0	0	0	2	5	4	5
54	22154	KALE AKASH SUBHASH	3	1	AB	0	0	0	2	5	4	5
55	22155	KALE VEDANT	6	2	AB	0	0	0	2	5	4	6
56	22156	KAMBLE NEHA MILIND	13	3	2	1	30	10	6	15	4	18
57	22157	KARALE SHUBHAM DAMU	7	2	0	0	0	0	0	0	4	6
58	22158	KASAL SAURABH PRABHAKAR	9	2	4	1	0	0	8	20	5	8
59	22159	KATIYAR GANESH DEEPAK	AB	0	AB	0	0	0	0	0	4	4
60	22160	KHAIRNAR GORAKH HIRAMAN	8	2	5	1	30	10	6	15	4	17
61	22161	KHAIRNAR PRASHANT MOHAN	9	2	1.5	1	30	10	11	27.5	5	18
62	22162	KHAIRNR GAURAV PRALHAD	11	3	2.5	1	0	0	5	12.5	4	8
63	22163	KHATALE OMKAR BALU	9	2	0	0	0	0	9	22.5	5	7
64	22164	KHATODE DIPAK DNYANESHWAR	10	2	0	0	30	10	8	20	5	17
65	22165	KHEDKAR SHREYASH KISHOR	9	2	5.5	1	0	0	0	0	5	8
66	22166	KOLHE PRANAY DHANRAJ	12	3	3	1	0	0	4	10	4	8
67	22167	KOLI SIDDHESHWAR SHRISHAIL	10	2	4	1	30	10	3	7.5	4	17
68	22168	KSHIRSAGAR DIPAK BHAGAWANTRAO	AB	0	AB	0	0	0	0	0	0	0

Prashant
 Prof. Prashant Malvadkar
 Subject Teacher



Dr. Singh
 Dr. Priyanka Singh
 Director
 Dr.D.Y.Patil Institute of Management &
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Founder Dr. D Y Patil Group

Dr. Sushant Patil
President

Dr. Priyanka A. Singh
Director

SAMPLE COPY OF PROJECT EVALUATION

As per SPPU Guidelines to conduct Mini-Project evaluation for Semester I, Semester II and Semester III of **MCA – 2020 pattern**

For Internal Evaluation


1. Internal evaluation will be of **75 Marks**.

It will be distributed as follows

Description	Project Report	Viva	Working Demo	Total
Marks	35	15	25	75

A sample copy is attached herewith.




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**Dr. D. Y. Patil Institute of Management & Entrepreneur Development
Department Of MCA**

MCA Sem VI (2023-24) (Batch- 2022-24)

Project Presentation Assessment Sheet - Internal

Date 18/03/2024

Sr No.	Roll No.	Student Name	Project Title	Project Report (35)	Viva (15)	Working Demo (25)	Total Marks (75)	Sign.	Remarks		
1	22104	ASHTEKAR DHANASHREE	Pravaas	0	0	0	0		Medical Reason		
2	22105	AVHAD GAYATRI SANJAY	HR System	20	10	18	48		Changes in GUI screens and improve domain knowledge		
3	22108	BANKAR GAURAV KISHOR	AWT Transportation	0	0	0	0		Medical Reason		
4	22114	CHAVAN PRATAP SHIVAJI	Real Estate	Placed Student							
5	22139	GHARGE AKASH RAMESH	Real Estate	15	12	22	49		Changes in GUI screens and improve domain knowledge		
6	22143	GORE SHRADDHA ASHOK	Vehicle maintenance and service center	30	12	22	64		Documentation to be properly Formated		
7	22152	KADU PRAJWAL KISHOR	E-learning platform	30	12	22	64		Documentation to be properly Formated		
8	22160	KHAIRNAR GORAKH HIRAMAN	ERP PORTAL SYSTEM	30	12	0	42		-		
9	22205	KOTHARE VINIT GHANSHYAM	Website and ERP System for Pawa Public School	30	12	0	42		Prepare tables properly diagrams too		
10	22207	KULKARNI KOUSTUBHDHAR DA	AWT Transportation	35	13	22	70		Documtation to be properly Formated		
11	22214	LONDHE NEHA VINAYAK	Empower her	35	13	17	65		change sequence diagram		
12	22220	MOTE SOURAV SURESH	Taxi booking	25	5	23	53		Documentation Pending, Will Show Report before the final exam		
13	22226	PANDIT JETKUMAR PARSHURAM	Hotel room booking	15	15	23	53		Met 2nd Time only many changes in diagrams		



Dr. Ashwini Chavan
Guide

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President

Dr. Priyanka A. Singh
Director

RESULT ANALYSIS

To Conduct the performance evaluation, improve the quality control and improve the academic process in institute we perform result analysis every year after each semester results.

Herewith attached a sample copy of result analysis of DYPIMED, MBA- 2021-22.



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Dr. Priyanka Singh

Dr. D. Y. Patil Institute of Management and Entrepreneur Development, Varale, Talegaon, Pune

Overall Result Analysis

Class-MCA-I

SEMESTER: I

Academic Year: 2023-24

Subject Wise University Result Analysis

Sr. No.	Subject Code	Name of Subject	70 % and above	Between (60 & less than 70)%	Between (50 & less than 60) %	Between (40 & less than 50)%	Appeared	Fail	Absent	Passed	% of Passing	Name of Teacher
1	IT11	JAVA	5	14	38	20	99	18		81	81.82	Prof. N. R. Reddy
2	IT12	DSA	4	14	47	22	99	10		89	89.90	Prof. Kiran Shejul
3	IT13	OOSE	3	16	55	15	99	9		90	90.91	Prof. Prashant Malvadkar
4	IT14	OS	7	10	38	30	99	10		89	89.90	Prof. Shweta Awaskar
5	IT15	NT	3	5	31	25	99	11		88	88.89	Dr. Ashwini Chavan

(Signature)

Dr. Priyanka Singh
Director



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Dr. D.Y Patil Institute of Management & Entrepreneur Development		
Programme	MBA	
semester	Final	
Result	Semester VI 2023-24	
Sr. No	Description	No and %
1	Number of Students Admitted	125
2	Number of Students Appeared for the Examination	125
3	All Clear pass Students	73
4	All Clear percentage Result [%]	58.40
5	ATKT Students	52
6	Percentage Result with ATKT [%]	41.60
7	Total No. of Distinctions	9
8	Total No. of First Class	58
9	Total No. of First Class	6



[Handwritten Signature]

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