



# 1.1.1 The institution ensures effective curriculum delivery through a well-planned and documented process

## Academic Diary

### Lecture Planning



# THE SHIRPUR EDUCATION SOCIETY R. C. PATEL EDUCATIONAL TRUST

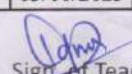



## Lecture Planning (Teaching Plan)

Class: MCA-II Division: A Subject: CA 302 DAA

Lectures Required as per the Syllabus

SR. No	Date	Lecture No	Topic Plan	Unit / Chapter Learning Outcome
1	04/08/2023	1	<b>UNIT – I INTRODUCTION :</b> What Is An Algorithm?	Performance analysis of Algorithms using asymptotic and empirical approaches
2	07/08/2023	2	Algorithm Specification, reasons to study algorithms	
3	09/08/2023	3	Pseudocode Conventions,	
4	11/08/2023	4	Recursive Algorithms with iterations and recursion,	
5	14/08/2023	5	Types of analysis	
6	18/08/2023	6	analysis,	
7	21/08/2023	7	<b>UNIT – II Tree Representations</b>	To Introduce various designing techniques and methods for algorithms
8	23/08/2023	8	Graph Representations	
9	25/08/2023	9	Binary Trees Basics	
10	27/08/2023	10	Heaps And Heap Sort,	
11	28/08/2023	11	Sets And Disjoint Set	
12	30/08/2023	12	Union And Find.	To Introduce various designing techniques and methods for algorithms
13	01/09/2023	13	<b>UNIT – III Divide And Conquer:</b>	
14	04/09/2023	14	General Method	
15	06/09/2023	15	Binary Search	
16	08/09/2023	16	Binary Search	
17	11/09/2023	17	Finding Maximum and Minimum	
18	13/09/2023	18	Finding Maximum and Minimum	
19	15/09/2023	19	Merge Sort,	
20	17/09/2023	20	Merge Sort,	
21	18/09/2023	21	Quick Sort,	
22	20/09/2023	22	Quick Sort,	
23	22/09/2023	23	Strassen's Matrix Multiplication.	Demonstrate a familiarity with major algorithms and data structures
24	25/09/2023	24	Strassen's Matrix Multiplication.	
25	27/09/2023	25	<b>UNIT – IV Greedy Method:</b> General Method,	
26	29/09/2023	26	Optimal Storage on Tapes	
27	04/10/2023	27	Knapsack Problem	
28	06/10/2023	28	Knapsack Problem	
29	08/10/2023	29	Huffman Code,	
30	09/10/2023	30	Minimum-Cost Spanning Trees	
31	11/10/2023	31	Minimum-Cost Spanning Trees	
32	13/10/2023	32	Single-Source Shortest Paths	

  
 Sign. of Teacher

  
 Sign. of HOD / Vice Principal

## Lecture Planning



### THE SHIRPUR EDUCATION SOCIETY R. C. PATEL EDUCATIONAL TRUST



#### Lecture Planning (Teaching Plan)

Class: MCA-II Division: A Subject: CA 302 DAA

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14	04/09/2023	14	General Method	
15	06/09/2023	15	Binary Search	
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17	11/09/2023	17	Finding Maximum and Minimum	
18	13/09/2023	18	Finding Maximum and Minimum	
19	15/09/2023	19	Merge Sort,	
20	17/09/2023	20	Merge Sort,	
21	18/09/2023	21	Quick Sort,	
22	20/09/2023	22	Quick Sort,	
23	22/09/2023	23	Strassen's Matrix Multiplication.	
24	25/09/2023	24	Strassen's Matrix Multiplication.	
25	27/09/2023	25	<b>UNIT – IV Greedy Method: General Method,</b>	Demonstrate a familiarity with major algorithms and data structures
26	29/09/2023	26	Optimal Storage on Tapes	
27	04/10/2023	27	Knapsack Problem	
28	06/10/2023	28	Knapsack Problem	
29	08/10/2023	29	Huffman Code,	
30	09/10/2023	30	Minimum-Cost Spanning Trees	
31	11/10/2023	31	Minimum-Cost Spanning Trees	
32	13/10/2023	32	Single-Source Shortest Paths	

Sign. of Teacher

Sign. of HOD / Vice Principal













# Parent Teacher (PT) System

॥ सा विद्या या विमुक्तये ॥



R.C.PATEL EDUCATIONAL TRUST

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Registration No.: F-61022 (Mumbai) (Approved by AICTE New Delhi & Affiliated to North Maharashtra University, Jalgaon)

President  
**Shri. Bhupeshbhai Patel**

Director  
**Prof. Dr. Vaishali Patil**  
(M.C.A., Ph. D.)

Out Ward No.: IMRD/302/2023 -2024

Date: 21/12/2023

## Allocation of Mentor & Mentee

The following faculty members are assigned as Parent Teacher/Class Teacher to the respective Class for Academic Year 2023-24

Sr. No.	Name of the Faculty Member	Class	Signature
1	Mr.Mahesh K. Bhavsar	FY BCA (A-Div)	
2	Mrs.Priyanka S.Saindane	FY BCA (B-Div)	
3	Mrs.Vijeta B. Songire	FY BCA (A-Div)	
4	Mr.Kedar S. Aapte	SY BCA (A-Div)	
5	Miss.Kirtika N. Behare Miss.Jyotsna D.Mali	SY BCA (B-Div)	
6	Mrs.Suwarna S.Chaudhari	SY BCA (C-Div)	
7	Mr.Dinesh A.Borase Miss.Mrunal S. Bidkar	TY BCA (A-Div)	
8	Dr.Dagdu M. Marathe. Mrs.Trupti Chaudhari	TY BCA (B-Div)	
9	Mr.Sufiyan M. Bagwan Mrs. Priyanka V. Bhandari	FY BBA (A-Div)	
10	Dr.Laxmikant M. Sharma Dr.Rupali P. Agrawal	FY BBA (B-Div)	
11	Mr. Yogesh C. Shetiya	SY BBA (A-Div)	
12	Mr.Kaustubh K.Savant	SY BBA (B-Div)	
13	Mr.Sumit S. Sagale	TY BBA (A-Div)	
14	Mr.Milind A.Patil	TY BBA (B-Div)	
15	Mr.Sachin S. Surana Mrs.Monali S. Kirange	FY BMS	
16	Mr. Vijay R. Garge	SY BMS	
17	Mr.Amarsing K. Gaur	TY BMS	

HOD BCA/BBA/BMS  
Dr. Tushar R.Patel



Director  
Dr. Vaishali B. Patil

R C PATEL EDUCATIONAL TRUST INSTITUTE OF MANAGEMENT RESEARCH & DEVELOPMENT, SHIRPUR

Karwand Naka, Shirpur, Dist.: Dhule.  
Tel: (02563) 251028 Email: rcpimrd@gmail.com



## Parent Teacher (PT) System

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**Shri. Bhupeshbhai Patel**

Director  
**Prof. Dr. Vaishali Patil**  
(M.C.A., Ph. D.)

Out Ward No.: IMRD/30/2023-2024

Date: 21/12/2023

### Allocation of Mentor & Mentee

The following faculty members are assigned as Parent Teacher/Class Teacher to the respective Class for Academic Year 2023-24

Sr. No.	Name of the Faculty Member	Class	Signature
1	Mr. Amit P. Patil Mrs. Chhaya S. Patil	FY MCA (A-Div)	
2	Mr. Vishal A. Pawar Mr. Manoj S. Sonwane	FY MCA (B-Div)	
3	Mrs. Archana M. Jade	SY MCA (A-Div)	
4	Mrs. Sapana S. Yeshi	SY MCA (B-Div)	
5	Mrs. Dhanshree G. Patil Miss. Suchita D. Jadhav	MCA (Integrated -I)	
6	Mr. Vithal M. Patil Miss. Vishakha K. Magar	MCA (Integrated-II)	
7	Mr. Rahul S. Badgujar Miss. Bhagyshree P. Patil	MCA (Integrated - III)	
8	Miss. Dipali R. Nhalde Miss. Harshada L. Chaudhari	MCA (Integrated-IV)	
9	Miss. Rohini R. Patil Miss. Aishwarya P. Patil	MCA (Integrated-V)	

HOD MCA & MCA (Integrated)  
Mr. Manoj M. Behare







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Dr. Vaishali B. Patil

R C PATEL EDUCATIONAL TRUST INSTITUTE OF MANAGEMENT RESEARCH & DEVELOPMENT, SHIRPUR

Karwand Naka, Shirpur, Dist.: Dhule.  
Tel: (02563) 251028 Email: rcpimrd@gmail.com

## Conduction of Internal Examination

R. C. Patel Educational Trust's  
Institute of Management Research and Development, Shirpur  
Syllabus Completion Report up to 10/10/2023  
I-MCA-I

Subject Code	Total No. of Chapters	No. of Chapter Completed	No. of Chapter Remained	% Of Syllabus completed	No. of lectures required for completion	Expected date of completion	Subject teacher	Sign
CA-1.1	07	05	02	75%	12	30/10/23	Dhanashree G. Patil	
CA-1.2	06	04	02	75%	12	30/10/23	A. M. Jale	
CA-1.3	08	3.5	4.5	45%	20	09/10/23	Bushika D. Jadhav	
CA-4.4	08	4	4	60%	30	30/10/23	Vishal Kherk. M.	







R. C. Patel Educational Trust's  
**Institute of Management Research and Development, Shirpur.**


**MCA & IMCA Second Credit Test Supervision Duties**

Date: 21/10/2023


Date	Class No.- 5	Class No.- 6	Class No.- 09	Class No.10	Class No.- 11	Seminar Hall
26/10/23	DP	RRP	DN	VM	BP	HC
27/10/23	RB	SJ	HC	VM	SSY	SMS
28/10/23	BP	DN	SJ	CSP	RRP	VMP
30/10/23	VM	RB	SSY	HC	SJ	BP
31/10/23			DP	CSP	VMP	SJ

**Note:-**

1. After examination subject teacher collects all answer sheets and fill attendance sheet by supervisor.
- 2 Answer sheets, threads required for exam bring from office by respective supervisor for examination.
3. Supervisor should collect question papers from subject teacher before 30 min of exam from staff room.
5. If anyone who cancelled supervision gives your replacement and reports it to Exam Committee before one day.
6. Conduct meeting of MCA toppers before credit test.

  
**MCA Exam Coordinator**  
Mr. V. A. Pawar



  
**Exam Chairman**  
Mr. M. N. Behere

*R. C. Patel Educational Trust's*  
**Institute of Management Research and Development, Shirpur.**

**MCA & IMCA Second Credit Test Time Table**

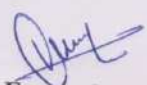
Date: 21/10/2023

Date	Time	IMCA-III	IMCA-IV	IMCA-V	MCA-II	Time	IMCA-I	IMCA-II
26/10/23	2.00 To 4.00	CA 5.1	CA 7.1	CA 9.1	CA-301	9.00 To 11.00	CA 1.1	CA 3.1
27/10/23	2.00 To 4.00	CA 5.2	<u>CA 7.3</u>	CA 9.2	CA-302	9.00 To 11.00	CA 1.2	CA 3.2
28/10/23	2.00 To 4.00	CA 5.3	CA 7.4	CA 9.3	CA-303	9.00 To 11.00	CA 1.3	CA 3.3
30/10/23	2.00 To 4.00	CA 5.4	CA 7.5	CA 9.4	CA-304	9.00 To 11.00	CA 1.4	CA 3.4
31/10/23	2.00 To 4.00	CA 5.5	<u>CA 7.2</u>	CA 9.5	CA-305	9.00 To 11.00		


**Important Instruction-**

1. Don't bring your mobile phone in exam hall.
2. Candidates are prohibited to bring any kind of material like hand written notes, books, printed notes etc. in exam hall

**Note:-**In any case of unavoidable circumstances dates declared may change which will be informed well in advance.

  
**MCA Exam Coordinator**  
Mr. V. A. Pawar



  
**Exam Chairman**  
Mr. M. N. Behere



*R. C. Patel Educational Trust's*  
**Institute of Management Research and Development,  
Shirpur.**

**MCA & IMCA Second Credit Test Seating Arrangement**

Date: 21/10/2023

Class No.-8	Class No.-12	Class No.-09	Class No.10	Class No.-11	Seminar Hall
IMCA-I 1 to 45, IMCA-II 1 to 30	IMCA-I 31 to 60, IMCA-II 31 to 60	MCA-II 1 to 45, IMCA-III 1 to 45	MCA-II 46 to 90 IMCA-III 46 to 60, IMCA-IV 1 to 30,	MCA-II 91 to 135, IMCA-IV 31 to 60, IMCA-V 1 to 15	MCA-II 136 to 189, IMCA-V 16 to 60

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




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Mr. V. A. Pawar



**Exam Chairman**  
Mr. M. N. Behere

R.C.Patel Educational Trust's  
Institute of Management Research and Development, Shirpur  
Syllabus Completion Report up to 26/3/2024

MCA-I

Subject Code	Total No. of Chapters	No. of Chapter Completed	No. of Chapter Remained	% of Syllabus completed	No. of lectures required for completion	Expected date of completion	Subject teacher	Sign
CA-201	06	05	01	90	04	06/04/24	V.A. Pawar	
CA-202	06	4.8	1.2	80%	07	9/04/24	D.G. Patil	
CA-203	06	05	01	90%	05	10/04/24	M.N. Behere	
CA-204	07	06	01	90%	05	10-4-24	V.M. Patil	
CA-205	07	06	01	92%	05	11/4/24	M.S. Sonawane	



  
HOD Sign



*R. C. Patel Educational Trust's*  
**Institute of Management Research and Development, Shirpur.**


**MCA Second Credit Test Supervision Duties**

**Date: 30/04/2024**


Date	Class No.-7	Class No.-8	Class No.-09	Class No.10	Class No.12
04/05/24	HC	RRP	AMJ	RB	PJ
06/05/24	RB	SJ	RRP	AP	VMP
07/05/24	DP	DN	RB	VM	PJ
08/05/24	DN	DP	BP	SJ	AMJ
09/05/24	VM	AP	HC	VMP	PJ

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Mr. V. A. Pawar



  
**Exam Chairman**  
Mr. M. N. Behere

*R. C. Patel Educational Trust's*  
**Institute of Management Research and Development,  
Shirpur.**


**MCA Second Credit Test Seating Arrangement**

**Date: 30/04/2024**


Class No.-7	Class No.-8	Class No.-09	Class No.10	Class No.12
<b>MCA-I 1 to 37</b>	<b>MCA-I 38 to 74</b>	<b>MCA-I 75 to 111</b>	<b>MCA-I 112 to 148</b>	<b>MCA-I 149 to 185</b>

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**Exam Coordinator**  
Mr. V. A. Pawar



  
**Exam Chairman**  
Mr. M. N. Behere



*R. C. Patel Educational Trust's*  
**Institute of Management Research and Development, Shirpur.**

**MCA Second Credit Test Time Table**


**Date: 30/04/2024**

<b>Date</b>	<b>Time</b>	<b>MCA-I</b>
04/05/24	12.30 To 2.30	CA 201
06/05/24	12.30 To 2.30	CA 202
07/05/24	12.30 To 2.30	CA 204
08/05/24	12.30 To 2.30	CA 205
09/05/24	12.30 To 2.30	CA 203


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**Exam Coordinator**  
Mr. V. A. Pawar



  
**Exam Chairman**  
Mr. M. N. Behere

**Industrial Interaction and Internship**



महाराष्ट्र MAHARASHTRA

2015

MY 231131

₹. 200 दि. 9 / 3 / 2019  
श्री. प्रविण विठ्ठल धाकडे  
सह. निदेशक, शिरपुर, जि. धुळे  
पत्ताना क्र. 42060090  
शिरपुर  
विभाग शिरपुर



12 FEB 2016

Memorandum of Understanding (MoU) Treasury Office, Shirpur

Between

The Shirpur Peoples Co-Operative Bank Ltd.

And

Institute of Management Research and Development, Shirpur

This Memorandum of Understanding (herein after referred to as MoU )  
is entered into on this day 08- Aug-2019 between The Shirpur Peoples  
Co-operative Bank Ltd. Shirpur ( herein after referred to as SPCB ) and



Institute of Management Research and Development Shirpur ( herein after referred to as **IMRD** ), A management institute under North Maharashtra University Jalgaon.

The scope of the MoU, the roles and responsibilities of the parties of the MoU are given below:

**1. Objective of MOU:**

- a) To provide advice of For Software and hardware Purchase for SPCB.
- b) To provide different IT projects of bank to IMRD students.
- c) To provide placements to IMRD students in various Departments of SPCB.
- d) To provide recruitment related services to SPCB.

**2. Technical Areas of Collaboration:**

- a) To facilitate the training of SPCB staff regarding new technologies and software.

**3. Proposed modes of Collaboration:**

- a) Cooperation and promotion of education and training.
- b) Any other requirements agreed upon time to time between SPCB and IMRD.

**4. Terms and Conditions**

- a) For conducting training for SPCB staff, financial arrangements will be made on mutually agreed terms.
- d) SPCB will give preference to IMRD students for different jobs in SPCB.

**5. Confidentiality**

Both institute are agreed to hold in confidence all the data created during MOU will not be disclosed to any third party.

**6. Duration of MOU**

This MOU is Sign for five years from 08Aug. 2019.

**7. Coordinators**

Both institute designate person who will have responsibility for coordination and implementation of this MOU.

**8. Signed in Duplicate**

This MOU is executed in duplicate with each copy being an official version and having equal legal validity. By signing below, the institute acting by their duly authorized officer have caused this memorandum of understanding to be executed, effective as of the day and years above written.



**Dr. Vaishali B. Patil**  
Director, RCPET's IMRD, Shirpur  
Signed on behalf of  
Institute of Management,  
Research and Development, Shirpur



**Mr. B. J. Patil**  
CEO, SPCB, Shirpur  
Signed on behalf of  
The Shirpur People's Co-Op. Bank,  
Shirpur



**Mr. Tushar R. Patel**  
Coordinator  
RCPET's IMRD, Shirpur



**Mr. Vinod B. Patel**  
Manager- IT, SPCB, Shirpur

**Date : 08 Aug- 2019**

**Place: Shirpur**

