



# **Nirmala Memorial Foundation College of Commerce and Science**

**Permanently Affiliated to University of Mumbai  
Accredited by NAAC, ISO 9001-2015 Certified  
Recognised under section 2(f) & 12(B) of the UGC Act 1956**

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D.S. Road, Asha Nagar, Thakur Complex, Kandivali (East), Mumbai – 400 101. Tel.: 022 69436400

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## **1.1 Curricular Planning and Implementation**



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## **1.1.1**

The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal



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# **25 Steps For Effective Curriculum Planning and Delivery**



# **25 Steps For Effective Curriculum Planning and Delivery**

## **Academic calendar of the institution**

**Nirmala Memorial Foundation College of Commerce and Science, Kandivali(E)**

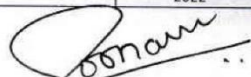
**Academic Calendar for 2022-23 - Term I**

Sr No	Day	Date	Particulars	Committee
1	Monday	13th June 2022	College Reopens for Term I ( Semester III and V)	
2	Tuesday	28th June 2022	Seminar on Career guidance in Aviation and Hospitality Industry	Placement Cell
3	Friday	8th July, 2022	Workshop on Effective Resume Building	Placement Cell
4	Friday and Saturday	29th and 30th July, 2022	Semester I , II, III and IV ATKT form filling	Examination Committee
5	Monday	18th July, 2022	Commencement of M. Com Part II lectures	
6	Friday	29th July, 2022	Commencement of M. Com Part I lectures	
7	Monday	11th July, 2022	Commencement of M. Sc IT Part II lectures	
8	Friday	22nd July, 2022	Commencement of M. Sc IT Part I lectures	
9	Saturday	6th August 2022	How to Write an Effective Research Paper	Research Cell and IQAC
10	Monday	8th August, 2022	Friendship Day Celebration	Cultural Committee
11	Wednesday	17th August, 2022	Awareness on Sustainable Menstrual Product	Women Development Cell
12	Tuesday	23rd August, 2022	Seminar on Mantra of Successful Financial Planning	Accountancy Association
13	Friday	26th August, 2022	"Kala Aavishkar " Fine Arts and Performing Arts Competition	Cultural Committee
14	Tuesday	30th August 2022	Signs of Identification on Counseling Need for Students	IQAC
15	Wednesday to Sunday	31st August to 4th September, 2022	Ganpati Break . Regular Lectures resumes from 5th September 2022	
16	Tuesday	6th September 2022	From Job Seeker to Job Provider	Incubation Cell ( EDC)
17	Saturday	10th September, 2022	National Level Webinar on Awareness on Various Funding Agencies in Research	IQAC and Research Cell
18	Thursday	8th September, 2022	Debate Competition	Planning Forum
19	Monday to Thursday	12th September to 15th September 2022	Class Test and Mid Term Test	Examination Committee
20	Thursday	15th September	National Level Webinar on Best Practices of College Library	IQAC

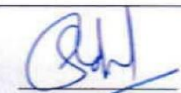
**Nirmala Memorial Foundation College of Commerce and Science, Kandivali(E)**

**Academic Calendar for 2022-23 - Term I**

Sr No	Day	Date	Particulars	Committee
21	Friday to Saturday	16th September to 22nd September 2022	Personalty Developement Camp	IQAC
22	Saturday	17th September, 2022	Self Defence Program	IQAC and Women Developemnt Cell
23	Monday	19th September, 2022	Seminar on content Writing and Art of Telling Story	English Literary Association
24	Monday to Monday	19th September to 26th September, 2022	Commencement of ATKT Examination	Examination Committee
25	Tuesday	20th September, 2022	Business Plan Competition	Incubation Cell ( EDC)
26	Wednesday	21st September, 2022	Story Telling Competition	English Literary Association
27	Thursday	22nd September, 2022	Exhibition of Journey of Mathematics	Math Club
28	Friday	23rd September, 2022	Talk on A Profession of Styling and Personal Grooming	Incubation Cell ( EDC)
29	Saturday	24th September, 2022	Lets Learn English , certified 30 Hours course for slow learners	IQAC
30	Tuesday	27th September, 2022	Book Review Intercollegiate Competition	Library Association
31	Wednesday	26th September, 2022	Commencement of Sem I, II, III and IV ATKT Exam Oct, 2022	Examination Committee
32	Saturday to Wednesday	1st October to 5th October, 2022	Study leave for Second Year Students .	
33	Saturday to Wednesday	1st October to 5th October, 2022	Internal Examination of M . Com and M . Sc IT	
34	Saturday	6th October, 2022	Commencement of Sem III Regualr Exam Oct, 2022	Examination Committee
			Date of commencement of First Year, Third Year classes and PG University Examination . Awaiting for directives from University	Examination Committee
35	Wednesday to Saturday	9Th November to 12th November, 2022	MSC IT & MCOM - Sem I and III Internal Examination	Examination Committee

  
IQAC Co-ordinator



  
I/C Principal  
**NIRMALA MEMORIAL FOUNDATION  
COLLEGE OF COMMERCE & SCIENCE  
KANDIVALI (EAST), MUMBAI - 400 101.**

**Nirmala Memorial Foundation College of Commerce and Science, Kandivali(E)**

**Academic Calendar for 2022-23 - Term II**

DATE: 25/11/2022

Sr No	Day	Date	Particulars	Committee
1	Monday	7th November, 2022	College Reopens for Term II ( Semester IV ) Sem I and Sem V continues	
2	Tuesday	15th November 2022	Commencement of FY Examinations	Examination
3	Friday	18th November 2022	Commencement of TY <u>B.Com</u> Examinations	Examination
4	Saturday	19th November, 2022	National Level IPR Awareness Webinar	IQAC and Research Cell
5	Thursday	24th November 2022	Commencement of TY <u>B.Sc</u> . IT Examinations	Examination
6	Saturday	26th November, 2022	Princess and Princess Day / Battle for Talent Competition	Cultural
7	Tuesday	29th November, 2022	Marathi Singing Competition	Marathi Vangmay
8	Monday	12th December 2022	Health and Hygiene	Women Development Cell
9	Tuesday	20th December 2022	Declaration and Distribution of Grade Cards of Second Year Sem III Examination and ATKT Examinations	Examination
10	Friday	23rd December, 2022	Christmas Bash	Students Representative Committee
11	Sunday	25th December 2022 to 1st January, 2023	Winter Break	
12	Monday to Thursday	2nd January to 5th January 2023	Annual Sports Meet	Sports Committee
13	Friday	6th January 2023	English Fiesta	English Literary Association
14	Saturday	7th January, 2023	NAAC Sponsored State Level Seminar on Good Documentation Practices for NAAC accreditation Process	IQAC
15	Tuesday	10th January 2023	Marathi Traditional Folk Competition	Marathi Vangmay
16	Wednesday and Thursday	11th January and 12th January, 2023	Sem I , II, III and IV ATKT Form Filling	Examination
17	Monday	16th January, 2023	Sem I Regular Examination Declaration of Results and Grade Card distribution	Examination
18	Friday and Saturday	20th January and 21st January, 2023	Intercollegiate Nirvaan Festival	Cultural
19	Tuesday and Wednesday	24th January and 25th January, 2023	Sem I ATKT Form Filling	Examination
20	Wednesday	25th January, 2023	Library Extravaganza	Library
21	Monday	30th January, 2023	Technoutsav Intercollegiate Fest of IT and CS Department	
22	Tuesday	31st January, 2023	Spell Bee	Students Representative Committee
23	Wednesday	1st February, 2023	Nirmala has Got Talent ( NGT)	Cultural
24	Thursday	2nd February, 2023	Traditional Day	Cultural
25	Saturday to Wednesday	4th February to 8th February, 2023	FY, SY and TY Class Test for Self Finance Programs. Mid Term Practice Test for FY, SY and TY <u>B.Com</u> .	Examination
26	Friday	10th February, 2023	Zasba Fest of BAMMC Department	




27	Saturday to Monday	11th February to 20th February, 2023	Sem I, II, III and IV ATKT Examination Commences	Examination
28	Wednesday to Friday	22nd February, to 24th February, 2023	ISO Audit	IQAC
	Monday onwards	20th February 2023	Commencement of <u>M.com</u> Part I and Part II University Examinations as per time table issued by University	Examination
29	Tuesday	21st February, 2023	Activity on Gender Sensitisation	Women Development Cell
30	Saturday	25th February, 2023	Last Date of Completion of Syllabus for Second Year Classes.	
31	Saturday	25th February, 2023	Debate Competition	Students Representative Committee
32	Thursday	2nd March, 2023	Second Year Examination Commences	Examination
33	Wednesday	8th March, 2023	Webinar on Women Empowerment	Women Development Cell
34	Tuesday to Tuesday	14th March to 21st March 2023	Faculty Development Program	Accountancy Association
	Saturday	18th March 2023	Job Fair	Placement Cell
35	Saturday	25th March, 2023	Last Date of Completion of Syllabus for First Year Classes	
36	Wednesday	29th March, 2023	First Year Examination Commences	Examination
37	Monday	10th April, 2023	Declaration and Distribution of Grade Cards of Second Year Sem IV Examination	Examination
38	Tuesday and Wednesday	11th April and 12th April, 2023	Admission to Third Year Classes	Admission Committee
39	Thursday to Thursday	13th April to 20th April, 2023	Faculty Development Program	Department of Commerce
40	Saturday	22nd April, 2023	Declaration and Distribution of Grade Cards of First Year Sem II Examination	Examination
41	Monday and Tuesday	24th April and 25th April, 2023	Admission to Second Year Classes	Admission Committee
42	Saturday	20th April, 2023	Research Conference	Research Cell
43	Tuesday to Tuesday	2nd May to 9th May, 2023	Faculty Development Program	Economics Department
44	Wednesday	10th May, 2023	National Level Webinar on NEP 2022	Planning Forum and Economics Department

Note :- Periodic Activities of NSS Unit and DLLE shall be continued for this Term

Awaiting for University Circular announcing for Third Year and PG Programs examination commencement dates

  
IQAC Co-ordinator



  
I/C Principal  
NIRMALA MEMORIAL FOUNDATION  
COLLEGE OF COMMERCE & SCIENCE  
KANDIVALI (EAST), MUMBAI - 400 101.

# **25 Steps For Effective Curriculum Planning and Delivery**

## **Time table of department**

## Time Table of Third Year BSC CS

NIRMALA MEMORIAL FOUNDATION COLLEGE OF COMMERCE AND SCIENCE							
TIME TABLE: BSC IT/BSC CS - SEMESTER VI 2022-23							
TYBSC CS (Block No. - 610)						W.E.F : 05-DECEMBER-2022	
TIME		MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
7:30 - 8:15	1	ETH Prof. Hiral	***	***	***	***	CF Prof. Vineet
8:15 - 9:00	2	CF Prof. Vineet	CF Prof. Vineet	***	***	***	ETH Prof. Hiral
9:00 - 9:45	3	DIP Prof. Aparna J.	DIP Prof. Aparna J.	***	***	CC Prof. Shivkumar	DS Prof. Bhakti
9:45 - 10:15	4	BREAK					
10:15 - 11:00	5	A1 - CC LAB 2 Prof. Shivkumar	A2 - CC LAB 3 Prof. Shivkumar	A2 - DS LAB 3 Prof. Bhakti	A1 - CF LAB 3 Prof. Lokesh	Project - A1 Prof. Aparna P.	A1 - DS LAB 2 Prof. Bhakti
11:00 - 11:45	6	A2 - DIP LAB 5 Prof. Aparna J.	A1 - DIP LAB 5 Prof. Aparna J.	A1 - ETH LAB 4 Prof. Aparna J.	A2 - ETH LAB 4 Prof. Aparna J.	Project - A2 Prof. Jyoti	A2 - CF LAB 3 Prof. Seemant
11:45 - 12:30	7						
12:30 - 12:40	8	BREAK					
12:40 - 1:25	9	***	ETH Prof. Hiral	CC Prof. Shivkumar	CC Prof. Shivkumar	DIP Prof. Aparna J.	***
1:25 - 2:10	10	***	***	DS Prof. Bhakti	DS Prof. Bhakti	***	***
2:10 - 2:55	11	***	***	***	***	***	***
COURSE			TEACHER IN CHARGE		THEORY	PRACTICAL	TOTAL
Digital Image Processing			Prof. Aparna J.		3	6	9
Ethical Hacking			Prof. Hiral P.		3	0	3
Ethical Hacking			Prof. Aparna J.		0	6	6
Data Science			Prof. Bhakti C		3	6	9
Cloud Computing			Prof. Shivkumar		3	6	9
Cyber Forensics			Prof. Vineet K.		3	0	3
Cyber Forensics			Prof. Seemant / Lokesh		0	6	6
Project			Prof. Aparna P. / Jyoti C.		0	6	6
							51



# **25 Steps For Effective Curriculum Planning and Delivery**

## **Semester wise teaching plan of each department**



## Teaching plan of Third Year BSC CS

NIRMALA MEMORIAL FOUNDATION COLLEGE OF COMMERCE AND SCIENCE						
ACADEMIC YEAR: 2022-23		TERM: SEM VI		DEPT: BSC CS		DI / D - TTP / 01
CLASS: TYBsc-CS		COURSE: Data Science		NAME OF THE FACULTY:		
DIV: A				Ms. Bhakti Chaudhari		
MONTH	TOPICS TO BE DISCUSSED	PEDAGOGY	WEEK	DAYS AVAILABLE	NO. OF LECTURES AVAILABLE	REMARK OF THE COORDINATOR
<b>DECEMBER</b>	UNIT 1 : 1. Introduction to Data Science: Intro and use cases and 2. Data Science Applications 3. What is Data? Different kinds of data,	PPT	1	THUR- SAT	***	3rd December lecture
			2	MON-SAT	3	
	4. Introduction to high level programming language 5. Integrated Development Environment (IDE) 6. Exploratory Data Analysis (EDA)	PPT	3	MON-SAT	3	
	7. Types of EDA 8. Data Visualization 9. Different types of data sources,	PPT	4	MON-SAT	3	***
			5	***	***	CHRISTMAS VACATION
<b>JANUARY</b>	10. Data Management: 11. Data Collection 12. Data Cleaning	PPT	1	MON-SAT	3	
	13. Data Extraction, 14. Data Analysis	PPT	2	MON-SAT	2	
	15. Data Modeling UNIT 2 : 1. Data Curation: Query languages	PPT	3	MON-SAT	2	
	2. Operations to specify and transform data, 3. Structured/schema based systems as users	PPT	4	MON-WED, FRI	2	REPUBLIC DAY AND NIRVAAN
		PPT	5	MON & TUE	***	



NIRMALA MEMORIAL FOUNDATION COLLEGE OF COMMERCE AND SCIENCE					
<b>FEBRUARY</b>	3. Structured/schema based systems as users and Acquirers of data 4. Semi-structured systems as users and acquirers of data	PPT	1	WED-SAT	2
	5. Unstructured systems in the acquisition and 6. Structuring of data, 7. Security and ethical considerations in relation to authenticating	PPT	2	MON-SAT	3
			3	MON	*
	8. Authorizing access to data on remote systems 9. Software development tools	PPT	4	MON-SAT	2
			5	MON & TUE	***
<b>MARCH</b>	8. Authorizing access to data on remote systems 9. Software development tools 10. Large scale data systems,	PPT	1	WED-SAT	3
	11. Amazon Web Services (AWS) UNIT 3: 1. Statistical Modelling and Machine Learning: 2. Introduction to model selection: Regularization,	PPT	2	MON,WED	3
	3. bias/variance tradeoff e.g. parsimony, 4. AIC, BIC, 5. Cross validation,	PPT	3	MON-SAT	3
	6. Ridge regressions and penalized regression e.g. LASSO 7. Data transformations: Dimension reduction,	PPT	4	MON-TUES,THUS-SAT	2
					GUDI PADWA

NIRMALA MEMORIAL FOUNDATION COLLEGE OF COMMERCE AND SCIENCE					
<b>APRIL</b>	8. Feature extraction, Smoothing and aggregating 9. Supervised Learning: Regression, linear models, Regression trees,	PPT	5	MON-WED,FR	2
	10. Time-series Analysis, Forecasting, 11. Classification: classification trees, 12. Logistic regression, separating hyperplanes, k-NN	PPT	1	SAT	2
	13. Unsupervised Learning: Principal Components Analysis (PCA) 14. k-means clustering, 15. Hierarchical clustering, Ensemble methods	PPT	2	MON,WED-THUS,SAT	5

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Note : 1) The above Termwise Teaching Plan (TTP) is as per Syllabus by University of Mumbai.  
2) The above Termwise Teaching Plan (TTP) is as per Academic Calendar.

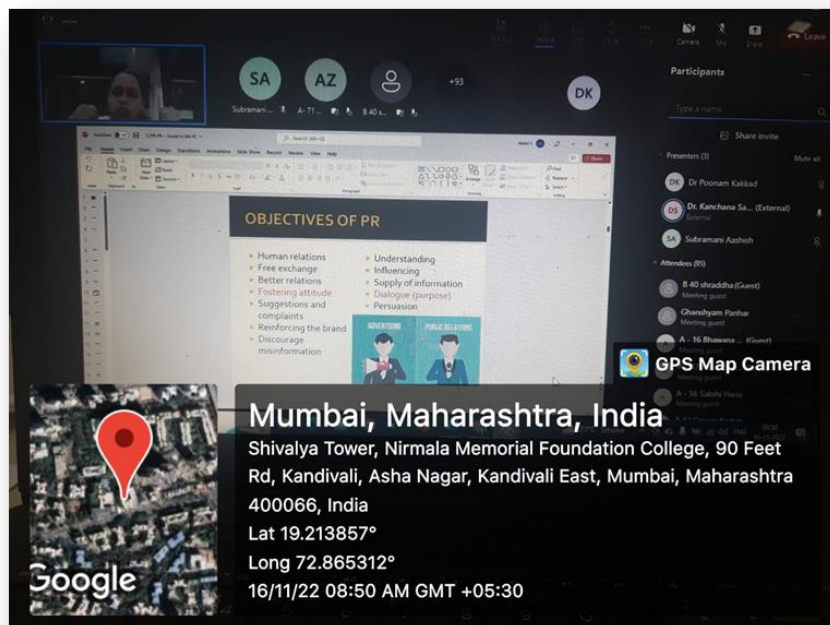
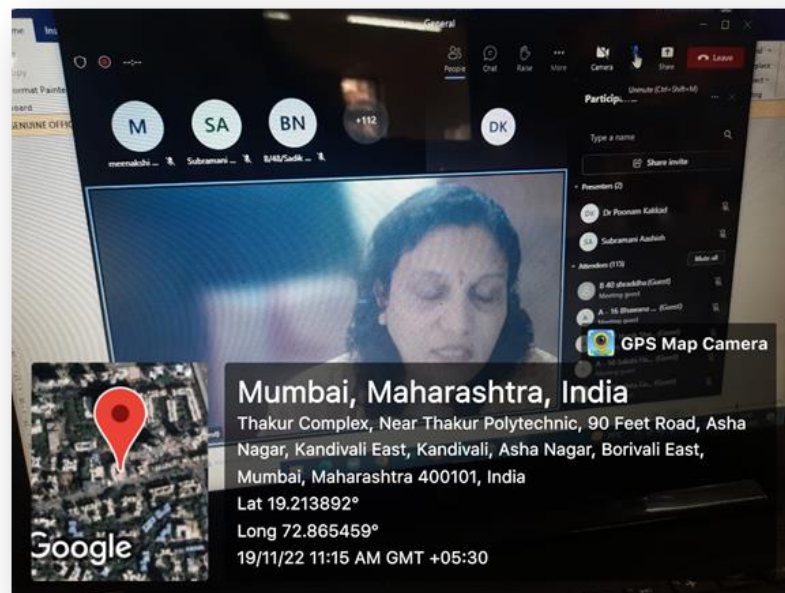
VAISHALI MISHRA  
Name & Signature of  
Coordinator

Ms. Bhakti Chaudhari  
Signature of Faculty

# **25 Steps For Effective Curriculum Planning and Delivery**

## **Online & Offline lectures and practical**

# Online Lecture





# Offline Lecture



# **25 Steps For Effective Curriculum Planning and Delivery**

**Monthly report of each  
teacher about  
curriculum delivery**

## Monthly Report of Third Year BSC CS Lectures

### NIRMALA MEMORIAL FOUNDATION COLLEGE OF COMMERCE AND SCIENCE

	<b>No. of Lectures: 13</b>	<b>No. of Lectures engaged: 13</b>	
	<b>No. of units/MODULES: 2,3(75%)</b>	<b>No. of units/MODULES: 2,3(75%)</b>	
	<b>Topics Planned</b>	<b>Topics Covered</b>	
	Authorizing access to data on remote systems Software development tools Large scale data systems,	Authorizing access to data on remote systems Software development tools Large scale data systems,	
	Amazon Web Services (AWS) UNIT 3: Statistical Modelling and Machine Learning: Introduction to model selection: Regularization,	Amazon Web Services (AWS) UNIT 3: Statistical Modelling and Machine Learning: Introduction to model selection: Regularization,	
	Bias/variance tradeoff e.g. parsimony, AIC, BIC, Cross validation,	Bias/variance tradeoff AIC, BIC, Cross validation,	
	Ridge regressions and penalized regression e.g. LASSO Data transformations: Dimension reduction,	Ridge regressions and penalized regression e.g. LASSO Data transformations: Dimension reduction,	
	Feature extraction, Smoothing and aggregating Supervised Learning: Regression, linear models, Regression trees,	Feature extraction, Smoothing and aggregating Supervised Learning: Regression, linear models, Regression trees,	
<b>Gap if any:</b>	NIL		
<b>Reason:</b>			
<b>Steps to cover up:</b>	Not Required		
<b>Remarks by Coordinator:</b>	AT PAR	<b>Signature &amp;/or Name of the</b>	
<b>Signature &amp;/or Name of the</b>		<b>Date of Review:</b>	
<b>Date of MMS Submission:</b> 3/2/23			

**NOTE:**

1. Faculties should update the MMS at the end of each month and submit the same to the coordinator
2. Coordinators should review the MMS at the end of each month with the help of respective subject Teaching Plan and Daily Lecture Records.

<b>2022 -2023 / D – MMS/01</b>		<b>Name of the Faculty:</b> Bhakti Chaudhari	<b>UNIT/MODULES COMPLETION STATUS - REMARKS</b>
<b>Department:</b>	BSc-IT/BSc-CS	<b>Month:</b> April	I,II,III
<b>Class &amp; Div.:</b>	TYCS		
<b>Subject:</b>	Data Science		
<b>Total No. of units/MODULES</b>	3		

NIRMALA MEMORIAL FOUNDATION COLLEGE OF COMMERCE AND SCIENCE

Total No. of units/MODULES completed till month end	I,II Planned	Executed	
	No. of Lectures: 07	No. of Lectures engaged: 07	
	No. of units/MODULES: 2	No. of units/MODULES: 2	
	Topics Planned	Topics Covered	
	Structured/schema based systems as users and Acquirers of data Semi-structured systems as users and acquirers of data	Structured/schema based systems as users and Acquirers of data Semi-structured systems as users and acquirers of data	
	Unstructured systems in the acquisition Structuring of data, Security and ethical considerations in relation to authenticating	Unstructured systems in the acquisition Structuring of data, Security and ethical considerations in relation to authenticating	
	Authorizing access to data on remote systems Software development tools	Authorizing access to data on remote systems Software development tools	
Gap if any:	NIL		
Reason:			
Steps to cover up:	Not Required		
Remarks by Coordinator:	AT PAR	Signature &/or Name of the	
Signature &/or Name of the		Date of Review:	
Date of MMS Submission:			

NOTE:

1. Faculties should update the MMS at the end of each month and submit the same to the coordinator
2. Coordinators should review the MMS at the end of each month with the help of respective subject Teaching Plan and Daily Lecture Records.

2022 -2023 / D – MMS/01		Name of the Faculty: Bhakti Chaudhari	UNIT/MODULES COMPLETION STATUS - REMARKS
Department:	BSc-IT/BSc-CS	Month: March	I,II,III(75%)
Class & Div.:	TYCS		
Subject:	Data Science		
Total No. of units/MODULES	3		
Total No. of units/MODULES completed till month end	I,II, III(15%)		
	Planned	Executed	



NIRMALA MEMORIAL FOUNDATION COLLEGE OF COMMERCE AND SCIENCE

2022 -2023 / D – MMS/01			UNIT/MODULES COMPLETION STATUS - REMARKS
Department:	BSc-IT/BSc-CS	Name of the Faculty: Prof. Bhakti	Unit I and 35% of Unit II Completed
Class & Div.:	TYCS	Month: January	
Subject:	Data Science		
Total No. of units/MODULES	3		
Total No. of units/MODULES completed till month end	I,II(35%)		
	Planned	Executed	
	No. of Lectures: 9	No. of Lectures engaged: 9	
	No. of units/MODULES: 1, 2(35%)	No. of units/MODULES: 1, 2(35%)	
	Topics Planned	Topics Covered	
	Data Management	Data Management	
	Data Collection	Data Collection	
	Data Cleaning	Data Cleaning	
	Data Extraction	Data Extraction	
	Data Analysis	Data Analysis	
	Data Modeling	Data Modeling	
	UNIT 2 :	UNIT 2 :	
	Data Curation: Query languages	Data Curation: Query languages	
	Operations to specify and transform data, Structured/schema based systems as users	Operations to specify and transform data, Structured/schema based systems as users	
Gap if any:	NIL		
Reason:			
Steps to cover up:			
Remarks by Coordinator:	AT PAR	Signature &/or Name of the	
Signature &/or Name of the		Date of Review:	
Date of MMS Submission:			

NOTE:

1. Faculties should update the MMS at the end of each month and submit the same to the coordinator
2. Coordinators should review the MMS at the end of each month with the help of respective subject Teaching Plan and Daily Lecture Records.

2022 -2023 / D – MMS/01			UNIT/MODULES COMPLETION STATUS - REMARKS
Department:	BSc-IT/BSc-CS	Name of the Faculty: Bhakti Chaudhari	I,II,III(15%)
Class & Div.:	TYCS	Month: February	
Subject:	Data Science		
Total No. of units/MODULES	3		

NIRMALA MEMORIAL FOUNDATION COLLEGE OF COMMERCE AND SCIENCE

**2022 -2023 / D – MMS/01**

<b>Department:</b>	BSc-IT/BSc-CS	<b>Name of the Faculty:</b> Prof. Bhakti Chaudhari	<b>UNIT/MODULES COMPLETION STATUS - REMARKS</b>
<b>Class &amp; Div.:</b>	TYCS	<b>Month:</b> December	Unit 1 75% Completed
<b>Subject:</b>	Data Science		
<b>Total No. of units/MODULES</b>	3		
<b>Total No. of units/MODULES completed till month end</b>	1(75%)		
	<b>Planned</b>	<b>Executed</b>	
	<b>No. of Lectures: 9</b>	<b>No. of Lectures engaged: 9</b>	
	<b>No. of units/MODULES: 1(75%)</b>	<b>No. of units/MODULES:1(75%)</b>	
	<b>Topics Planned</b>	<b>Topics Covered</b>	
	<b>Unit I:</b>	<b>Unit I:</b>	
	UNIT 1 : Introduction to Data Science: Intro and use cases and Data Science Applications What is Data? Different kinds of data,	UNIT 1 : Introduction to Data Science: Intro and use cases and Data Science Applications What is Data? Different kinds of data,	
	Introduction to high level programming language Integrated Development Environment (IDE) Exploratory Data Analysis (EDA)	Introduction to high level programming language Integrated Development Environment (IDE) Exploratory Data Analysis (EDA)	
	Types of EDA Data Visualization Different types of data sources,	Types of EDA Data Visualization Different types of data sources,	
<b>Gap if any:</b>	Nil		
<b>Reason:</b>			
<b>Steps to cover up:</b>	Not Required		
<b>Remarks by Coordinator:</b>	<b>AT PAR</b>	<b>Signature &amp;/or Name of the</b>	
<b>Signature &amp;/or Name of the</b>		<b>Date of Review:</b>	
<b>Date of MMS Submission:</b> 3/01/23			

NOTE:

1. Faculties should update the MMS at the end of each month and submit the same to the coordinator
2. Coordinators should review the MMS at the end of each month with the help of respective subject Teaching Plan and Daily Lecture Records.



**NIRMALA MEMORIAL FOUNDATION COLLEGE OF COMMERCE AND SCIENCE**

<b>Total No. of units/MODULES completed till month end</b>	<b>I,II, III Planned</b>	<b>Executed</b>	
	<b>No. of Lectures: 07</b>	<b>No. of Lectures engaged: 07</b>	
	<b>No. of units/MODULES: 3</b>	<b>No. of units/MODULES: 3</b>	
	<b>Topics Planned</b>	<b>Topics Covered</b>	
	Time-series Analysis, Forecasting, Classification: classification trees, Logistic regression, separating hyperplanes, k-NN	Time-series Analysis, Forecasting, Classification: classification trees, Logistic regression, separating hyperplanes, k-NN	
	Unsupervised Learning: Principal Components Analysis (PCA) k-means clustering, Hierarchical clustering, Ensemble methods	Unsupervised Learning: Principal Components Analysis (PCA) k-means clustering, Hierarchical clustering, Ensemble methods	
<b>Gap if any:</b>	NIL		
<b>Reason:</b>			
<b>Steps to cover up:</b>	Not Required		
<b>Remarks by Coordinator:</b>	<b>AT PAR</b>	<b>Signature &amp;/or Name of the</b>	
<b>Signature &amp;/or Name of the</b>		<b>Date of Review:</b>	
<b>Date of MMS Submission:3/2/23</b>			

**NOTE:**

1. Faculties should update the MMS at the end of each month and submit the same to the coordinator
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## Monthly Report of Third Year BSC CS Practicals

2022 -2023 / D – MMS/01

2022 -2023 / D – MMS/01

<b>Department:</b>	BSc-IT/BSc-CS	<b>Name of the Faculty:</b> Ms. Bhakti Chaudhari	<b>UNIT/MODULES COMPLETION STATUS - REMARKS</b>
<b>Class &amp; Div.:</b>	TYCS Batch A1	<b>Month:</b> December	
<b>Subject:</b>	Data Science		
<b>Total No. of Practicals</b>	10		
<b>Total No. of Practicals completed till month end</b>	1		
	<b>Planned</b>	<b>Executed</b>	
	<b>No. of Lectures: 03</b>	<b>No. of Lectures engaged: 03</b>	
	<b>No. of Practicals: 01</b>	<b>No. of Practicals: 01</b>	
	<b>Topics Planned</b>	<b>Topics Covered</b>	
	Pr-01 : Practical of Data collection, Data curation and management for Unstructured data (NoSQL)	Pr-01 : Practical of Data collection, Data curation and management for Unstructured data (NoSQL)	
<b>Gap if any:</b>	NIL		
<b>Reason:</b>			
<b>Steps to cover up:</b>	Not Required		
<b>Remarks by Coordinator:</b>	<b>AT PAR</b>	<b>Signature &amp;/or Name of the Coordinator:</b> Vaishali Mishra	
<b>Signature &amp;/or Name of the Faculty:</b> Bhakti		<b>Date of Review:</b>	
<b>Date of MMS Submission:</b>			

NOTE:

1. Faculties should update the MMS at the end of each month and submit the same to the coordinator
2. Coordinators should review the MMS at the end of each month with the help of respective subject Teaching Plan and Daily Lecture Records.

2022 -2023 / D – MMS/01

<b>Department:</b>	BSc-IT/BSc-CS	<b>Name of the Faculty:</b> Ms. Bhakti Chaudhari	<b>UNIT/MODULES COMPLETION STATUS - REMARKS</b>
<b>Class &amp; Div.:</b>	TYCS Batch A1	<b>Month:</b> January	
<b>Subject:</b>	Data Science		
<b>Total No. of Practicals</b>	10		
<b>Total No. of Practicals completed till month end</b>	3		
	<b>Planned</b>	<b>Executed</b>	
	<b>No. of Lectures: 06</b>	<b>No. of Lectures engaged: 06</b>	





	<b>No. of Practicals: 02</b>	<b>No. of Practicals: 02</b>	
	<b>Topics Planned</b>	<b>Topics Covered</b>	
	Pr - 02 : Practical of Data collection, Data curation and management for Large-scale Data system (such as MongoDB)	Pr - 02 : Practical of Data collection, Data curation and management for Large-scale Data system (such as MongoDB)	
	Pr - 03 : Practical of Principal Component Analysis	Pr - 03 : Practical of Principal Component Analysis	
<b>Gap if any:</b>	NIL		
<b>Reason:</b>			
<b>Steps to cover up:</b>	Not Required		
<b>Remarks by Coordinator:</b>	<b>AT PAR</b>	<b>Signature &amp;/or Name of the Coordinator: Vaishali Mishra</b>	
<b>Signature &amp;/or Name of the Faculty: Bhakti</b>		<b>Date of Review:</b>	
<b>Date of MMS Submission:</b>			

NOTE:

1. Faculties should update the MMS at the end of each month and submit the same to the coordinator
2. Coordinators should review the MMS at the end of each month with the help of respective subject Teaching Plan and Daily Lecture Records.

**2022 -2023 / D – MMS/01**

<b>Department:</b>	<b>BSc-IT/BSc-CS</b>	<b>Name of the Faculty: Ms. Bhakti Chaudhari</b>	<b>UNIT/MODULES COMPLETION STATUS - REMARKS</b>
<b>Class &amp; Div.:</b>	<b>TYCS Batch A1</b>	<b>Month: February</b>	
<b>Subject:</b>	<b>Data Science</b>		
<b>Total No. of Practicals</b>	<b>10</b>		
<b>Total No. of Practicals completed till month end</b>	<b>5</b>		
	<b>Planned</b>	<b>Executed</b>	
	<b>No. of Lectures: 06</b>	<b>No. of Lectures engaged: 06</b>	
	<b>No. of Practicals: 02</b>	<b>No. of Practicals: 02</b>	
	<b>Topics Planned</b>	<b>Topics Covered</b>	
	Pr - 04 : Practical of Clustering	Pr - 04 : Practical of Clustering	
	Pr - 05 : Practical of Time-series forecasting	Pr - 05 : Practical of Time-series forecasting	
<b>Gap if any:</b>	NIL		
<b>Reason:</b>			
<b>Steps to cover up:</b>	Not Required		
<b>Remarks by Coordinator:</b>	<b>AT PAR</b>	<b>Signature &amp;/or Name of the Coordinator: Vaishali Mishra</b>	

Signature &/or Name of the Faculty:Bhakti	Date of Review:
Date of MMS Submission:	

NOTE:

1. Faculties should update the MMS at the end of each month and submit the same to the coordinator
2. Coordinators should review the MMS at the end of each month with the help of respective subject Teaching Plan and Daily Lecture Records.

**2022 -2023 / D – MMS/01**

<b>Department:</b> BSc-IT/BSc-CS	<b>Name of the Faculty:</b> Ms. Bhakti Chaudhari	<b>UNIT/MODULES COMPLETION STATUS - REMARKS</b>
<b>Class &amp; Div.:</b> TYCS Batch A1	<b>Month:</b> March	
<b>Subject:</b> Data Science		
<b>Total No. of Practicals</b> 10		
<b>Total No. of Practicals completed till month end</b> 9		
<b>Planned</b>	<b>Executed</b>	
<b>No. of Lectures:</b> 12	<b>No. of Lectures engaged:</b> 12	
<b>No. of Practicals:</b> 04	<b>No. of Practicals:</b> 04	
<b>Topics Planned</b>	<b>Topics Covered</b>	
Pr - 06 : Practical of Simple/Multiple Linear	Pr - 06 : Practical of Simple/Multiple Linear Regression	
Pr - 07 : Practical of Logistics Regression	Pr - 07 : Practical of Logistics Regression	
Pr - 08 : Practical of Hypothesis testing	Pr - 08 : Practical of Hypothesis testing	
Pr - 09 : Practical of Analysis of Variance	Pr - 09 : Practical of Analysis of Variance	
<b>Gap if any:</b>	NIL	
<b>Reason:</b>		
<b>Steps to cover up:</b>	Not Required	
<b>Remarks by Coordinator:</b>	<b>AT PAR</b>	
Signature &/or Name of the Faculty:Bhakti	Signature &/or Name of the Coordinator:Vaishali Mishra	
Date of MMS Submission:	Date of Review:	

NOTE:

1. Faculties should update the MMS at the end of each month and submit the same to the coordinator
2. Coordinators should review the MMS at the end of each month with the help of respective subject Teaching Plan and Daily Lecture Records.

**2022 -2023 / D – MMS/01**

<b>Department:</b> BSc-IT/BSc-CS	<b>Name of the Faculty:</b> Ms. Bhakti Chaudhari	<b>UNIT/MODULES COMPLETION STATUS - REMARKS</b>
<b>Class &amp; Div.:</b> TYCS Batch A1	<b>Month:</b> April	10 Practicals Completed
<b>Subject:</b> Data Science		

Total No. of Practicals	10		
Total No. of Practicals completed till month end	10		
	<b>Planned</b>	<b>Executed</b>	
	No. of Lectures: 03	No. of Lectures engaged: 06	
	No. of Practicals: 01	No. of Practicals: 02	
	Topics Planned	Topics Covered	
	Pr - 10 : Practical of Decision Tree	Pr - 10 : Practical of Decision Tree	
		Revision and Journal Assessment	
Gap if any:	NIL		
Reason:			
Steps to cover up:	Not Required		
Remarks by Coordinator:	AT PAR	Signature &/or Name of the Coordinator: Vaishali Mishra	
Signature &/or Name of the Faculty: Bhakti		Date of Review:	
Date of MMS Submission:			

**NOTE:**

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**NIRMALA MEMORILA FOUNDATION COLLEGE OF COMMERCE AND SCIENCE**

**2022 -2023 / D – MMS/01**

<b>Department:</b>	<b>BSc-IT/BSc-CS</b>	<b>Name of the Faculty:</b> Ms. Bhakti Chaudhari	<b>UNIT/MODULES COMPLETION</b>
<b>Class &amp; Div.:</b>	<b>TYCS Batch A2</b>	<b>Month:</b> December	<b>STATUS - REMARKS</b>
<b>Subject:</b>	<b>Data Science</b>		
<b>Total No. of Practicals</b>	<b>10</b>		
<b>Total No. of Practicals completed till month end</b>	<b>1</b>		
	<b>Planned</b>	<b>Executed</b>	
	<b>No. of Lectures: 03</b>	<b>No. of Lectures engaged: 03</b>	
	<b>No. of Practicals: 01</b>	<b>No. of Practicals: 01</b>	
	<b>Topics Planned</b>	<b>Topics Covered</b>	
	Pr-01 : Practical of Data collection, Data curation and management for Unstructured data (NoSQL)	Pr-01 : Practical of Data collection, Data curation and management for Unstructured data (NoSQL)	
<b>Gap if any:</b>	NIL		
<b>Reason:</b>			
<b>Steps to cover up:</b>	Not Required		
<b>Remarks by Coordinator:</b>	AT PAR	<b>Signature &amp;/or Name of the Coordinator:</b> Vaishali	
<b>Signature &amp;/or Name of the</b>		<b>Date of Review:</b>	
<b>Date of MMS Submission:</b>			

NOTE:

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**2022 -2023 / D – MMS/01**

<b>Department:</b>	<b>BSc-IT/BSc-CS</b>	<b>Name of the Faculty:</b> Ms. Bhakti Chaudhari	<b>UNIT/MODULES COMPLETION</b>
<b>Class &amp; Div.:</b>	<b>TYCS Batch A2</b>	<b>Month:</b> January	<b>10 Practicals Completed</b>
<b>Subject:</b>	<b>Data Science</b>		
<b>Total No. of Practicals</b>	<b>10</b>		
<b>Total No. of Practicals completed till month end</b>	<b>5</b>		
	<b>Planned</b>	<b>Executed</b>	
	<b>No. of Lectures: 12</b>	<b>No. of Lectures engaged: 12</b>	
	<b>No. of Practicals: 04</b>	<b>No. of Practicals: 04</b>	
	<b>Topics Planned</b>	<b>Topics Covered</b>	





**NIRMALA MEMORILA FOUNDATION COLLEGE OF COMMERCE AND SCIENCE**

	Pr - 02 : Practical of Data collection, Data curation	Pr - 02 : Practical of Data collection, Data curation	
	Pr - 03 : Practical of Principal Component Analysis	Pr - 03 : Practical of Principal Component Analysis	
	Pr - 04 : Practical of Clustering	Pr - 04 : Practical of Clustering	
	Pr - 05 : Practical of Time-series forecasting	Pr - 05 : Practical of Time-series forecasting	
Gap if any:	NIL		
Reason:			
Steps to cover up:	Not Required		
Remarks by Coordinator:	AT PAR	Signature &/or Name of the Coordinator:Vaishali	
Signature &/or Name of the		Date of Review: 6/3/23	
Date of MMS Submission:3/2/23			

**NOTE:**

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**2022 -2023 / D – MMS/01**

<b>Department:</b>	<b>BSc-IT/BSc-CS</b>	<b>Name of the Faculty: Ms. Bhakti Chaudhari</b>	<b>UNIT/MODULES COMPLETION</b>
<b>Class &amp; Div.:</b>	<b>TYCS Batch A2</b>	<b>Month: February</b>	
<b>Subject:</b>	<b>Data Science</b>		
<b>Total No. of Practicals</b>	<b>10</b>		
<b>Total No. of Practicals completed till</b>	<b>7</b>		
	<b>Planned</b>	<b>Executed</b>	
	<b>No. of Lectures: 06</b>	<b>No. of Lectures engaged: 06</b>	
	<b>No. of Practicals: 02</b>	<b>No. of Practicals: 02</b>	
	<b>Topics Planned</b>	<b>Topics Covered</b>	
	Pr - 06 : Practical of Simple/Multiple Linear Regression	Pr - 06 : Practical of Simple/Multiple Linear Regression	
	Pr - 07 : Practical of Logistics Regression	Pr - 07 : Practical of Logistics Regression	
Gap if any:	NIL		
Reason:			
Steps to cover up:	Not Required		
Remarks by Coordinator:	AT PAR	Signature &/or Name of the Coordinator:Vaishali	
Signature &/or Name of the		Date of Review:	
Date of MMS Submission:			

**NOTE:**

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**2022 -2023 / D – MMS/01**

<b>Department:</b>	<b>BSc-IT/BSc-CS</b>	<b>Name of the Faculty: Ms. Bhakti Chaudhari</b>	<b>UNIT/MODULES COMPLETION</b>
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**NIRMALA MEMORILA FOUNDATION COLLEGE OF COMMERCE AND SCIENCE**

<b>Class &amp; Div.:</b>	<b>TYCS Batch A2</b>	<b>Month: March</b>	<b>10 Practicals Completed</b>
<b>Subject:</b>	<b>Data Science</b>		
<b>Total No. of Practicals</b>	<b>10</b>		
<b>Total No. of Practicals completed till</b>	<b>10</b>		
	<b>Planned</b>	<b>Executed</b>	
	<b>No. of Lectures: 09</b>	<b>No. of Lectures engaged: 12</b>	
	<b>No. of Practicals: 03</b>	<b>No. of Practicals: 04</b>	
	<b>Topics Planned</b>	<b>Topics Covered</b>	
	Pr - 08 : Practical of Hypothesis testing	Pr - 08 : Practical of Hypothesis testing	
	Pr - 09 : Practical of Analysis of Variance	Pr - 09 : Practical of Analysis of Variance	
	Pr - 10 : Practical of Decision Tree	Pr - 10 : Practical of Decision Tree	
		Revision and Journal Assessment	
<b>Gap if any:</b>	NIL		
<b>Reason:</b>			
<b>Steps to cover up:</b>	Not Required		
<b>Remarks by Coordinator:</b>	<b>AT PAR</b>	<b>Signature &amp;/or Name of the Coordinator: Vaishali</b>	
<b>Signature &amp;/or Name of the</b>		<b>Date of Review: 6/3/23</b>	
<b>Date of MMS Submission: 3/2/23</b>			

**NOTE:**

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# **25 Steps For Effective Curriculum Planning and Delivery**

**Daily attendance of  
students by each teacher**

# Nirmala Memorial Foundation College of Commerce & Science

Month : DecPROGRAM: FYIT COURSE: NM Div.: C SEM: II AY: 2022 - 2023

Roll No.	DATES																									No. of Days Present	Remark
	06	07	08	09	13	14	19	20	22	23																	
31	P	P	P	P	P	P	P	P	P	P																10	
32	A	A	A	A	A	A	A	A	A	A																00	
33	A	A	A	A	A	A	A	A	A	A																00	
* 34	P	P	P	A	A	P	P	A	A	P																06	
35	P	P	P	P	P	P	P	P	A	P																09	
36	P	P	P	P	P	P	P	P	P	P																10	
37	P	P	P	P	P	P	P	P	P	P																10	
38	P	P	P	P	P	P	P	P	P	P																10	
39	P	P	P	P	P	P	P	A	P	P																09	
40	P	P	P	P	P	P	P	A	P	P																09	
41	P	P	P	P	P	P	P	P	P	P																10	
42	P	P	P	P	P	P	A	A	A	P																07	
43	P	A	P	P	P	P	P	P	P	P																09	
44	P	P	P	P	P	P	P	P	P	P																10	
45	P	A	P	P	P	P	P	P	P	P																09	
46	P	P	P	P	P	P	P	P	P	P																10	
47	P	P	P	P	A	P	P	A	P	P																08	
48	A	P	A	P	P	A	P	P	P	A																06	
49	A	A	P	P	P	P	P	P	P	A																07	
50	A	A	A	A	A	P	A	P	P	P																04	
51	A	A	A	A	A	P	P	P	P	P																05	
52	P	P	P	P	P	P	P	P	P	P																10	
53	P	P	P	P	P	P	P	P	A	P																09	
54	P	P	P	P	P	P	P	P	P	P																10	
* 55	A	P	A	P	A	A	A	A	P	P																04	
56	P	P	P	P	P	P	P	P	P	P																10	
57	P	P	P	P	P	P	P	P	P	P																10	
58	P	P	P	P	P	P	P	P	P	P																10	
59	P	P	P	P	P	P	P	P	P	P																10	
60	P	P	P	P	P	P	A	P	P	P																09	

Professor in charge: George T.Signature [Signature]



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Nirmala Memorial Foundation College of Commerce & Science

Month: Dec

PROGRAM: FYIT COURSE: NM Div.: C SEM: II AY: 2022 - 2023

Roll No.	DATES																							No. of Days	Remark
	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	Present	
																								10	
1	A	A	P	P	P	P	P	A	A	A	A													04	
2	P	P	P	P	A	P	P	A	P	A														07	
3	P	P	P	P	P	P	P	P	P	A	A													08	
4	P	P	P	P	P	P	P	P	P	P														10	
5	P	P	P	P	P	P	P	P	P	P														10	
6	A	A	P	P	P	P	A	A	A	A														04	
7	P	A	A	A	P	P	P	P	A	P														06	
8	A	A	A	A	A	A	A	A	A	A														00	
9	P	A	A	P	P	P	A	A	P	P														06	
10	P	P	P	A	A	P	P	P	P	P														08	
11	P	P	P	P	P	P	P	P	P	P														10	
12	P	P	P	P	P	P	P	P	P	P														10	
13	A	A	A	A	A	A	A	A	A	A														00	
14	P	P	P	P	P	P	P	P	P	P														10	
15	P	P	P	P	A	P	P	P	A	P														08	
16	A	A	P	A	P	P	A	A	A	A														03	
17	P	P	P	A	A	P	P	P	A	A														06	
18	P	A	A	P	A	P	A	A	P	P														05	
19	P	A	P	P	A	P	A	A	A	A														04	
20	P	P	A	P	A	P	A	A	A	P														05	
21	P	P	A	P	A	P	P	P	P	A														07	
22	A	A	A	P	P	P	P	P	P	A														06	
23	A	A	A	A	A	A	A	P	P	A	P													03	
24	A	P	A	P	P	A	A	P	A	A														04	
25	P	P	P	P	A	P	P	P	P	P														09	
26	A	P	P	P	P	P	P	P	P	P														09	
27	P	P	P	P	P	P	P	P	P	A														09	
28	P	A	P	P	A	P	A	A	A	P														05	
29	P	P	P	P	P	P	P	P	P	P														10	
30	P	P	P	P	P	P	P	P	P	P														10	

Professor in charge: George T.



Signature: [Signature]

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## Nirmala Memorial Foundation College of Commerce &amp; Science

Month: DecPROGRAM: FYITCOURSE: NMDiv.: CSEM: II AY: 2022 - 2023

Roll No.	DATES																			No. of Days Present	Remark
	06	07	08	09	13	14	19	20	22	23											
61	P	P	P	P	A	P	P	A	A	A										10	
62	P	P	P	P	P	P	P	P	P	P										06	
63	P	P	P	P	P	P	P	P	P	P										10	
64	P	P	P	P	A	P	P	P	P	P										09	
65	P	P	P	P	P	P	P	P	P	P										10	
66	P	P	P	P	P	P	P	P	P	P										10	
67	P	A	P	A	A	A	A	A	A	A										02	
68	A	P	A	A	P	A	A	P	P	P										05	
69	P	P	P	P	P	P	P	P	P	P										10	
70	P	P	P	P	P	P	P	P	P	P										10	
71	P	A	P	P	A	A	A	A	A	A										03	
72	P	P	A	A	A	P	A	A	P	A										04	
3																					
4																					
5																					
6																					
7																					
8																					
9																					
0																					
1																					
2																					
3																					
4																					
5																					
6																					
7																					
8																					
9																					
0																					

Professor in charge: George T.Signature: [Signature]



# Nirmala Memorial Foundation College of Commerce & Science

23

Month : JANUARY

PROGRAM: FYIT COURSE: NM Div.: C SEM: II AY: 2012 - 2013

Roll No.	DATES																												No. of Days Present		Remark	
	02	03	04	07	09	10	11	12	13	18	19	24	27	28	31																	
31	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P														15			
32	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A															00		
33	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A															00		
34	A	A	A	A	P	P	P	P	P	P	A	P	A	A	P															08		
35	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P															14		
36	A	P	P	P	P	P	P	P	P	A	P	P	A	P	P															12		
37	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P															13		
38	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P															13		
39	P	A	P	P	P	P	P	A	P	A	P	A	P	P	A															10		
40	A	P	P	P	P	P	P	P	P	A	A	A	P	P	P															11		
41	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A															13		
42	P	A	A	P	P	P	P	P	P	A	A	P	A	A	P																09	
43	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P															14		
44	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P															13		
45	A	P	P	A	P	P	A	A	A	P	A	A	A	A	P																09	
46	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P															14		
47	P	A	P	P	P	P	A	A	P	P	P	P	P	P	P																12	
48	A	A	A	A	P	P	A	P	P	P	P	P	P	P	P																10	
49	A	A	A	P	P	P	P	P	P	A	P	P	P	P	A																10	
50	P	A	A	A	P	A	A	A	P	A	P	A	P	P	A																09	
51	A	P	P	P	P	P	P	A	P	A	A	A	P	A	P																09	
52	A	A	P	P	P	P	A	A	P	P	P	P	P	P	A																10	
53	P	A	A	P	P	P	A	A	A	P	P	P	P	P	P																10	
54	P	A	P	P	P	P	P	P	P	P	P	P	A	A	P																12	
55	P	P	P	A	P	P	A	P	P	A	P	A	A	P	A																09	
56	A	A	P	P	P	P	A	A	P	A	P	P	P	P	A																09	
57	P	A	A	A	P	P	A	A	P	A	P	P	P	P	P																09	
58	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P																15	
59	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P																13	
60	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P																14	

Professor in charge: George T.



Signature: [Signature]





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# Nirmala Memorial Foundation College of Commerce & Science

Month: JANUARY

PROGRAM: FYIT COURSE: NM Div.: C SEM: II AY: 2022 - 2023

PROGRAM: F.Y.B.A.		COURSE: ACCOUNTS		DATE: 10/11/2023		No. of Days Present		Remark																						
Roll No.	DATES																												Present	Remark
	02	03	04	07	09	10	11	12	13	18	19	24	27	28	31															
41	P	A	A	A	A	A	A	A	A	A	A	A	A	A	A													15		
42	P	A	P	P	P	P	A	P	P	P	A	P	P	P	P													01		
43	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P													12		
44	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P													14		
45	P	P	P	A	P	P	P	A	P	P	P	A	P	P	P													13		
46	P	P	P	A	P	P	P	A	P	P	P	A	P	P	P													12		
47	P	P	A	P	P	P	A	A	P	P	A	P	P	P	P													11		
48	A	A	A	A	A	P	A	A	A	A	A	A	A	A	A													01		
49	P	P	A	A	A	P	A	A	A	A	A	P	P	P	A													06		
50	A	P	P	P	P	P	P	P	P	P	P	P	P	A	A													11		
70	A	P	P	P	P	P	P	P	P	P	A	P	A	P	A													11		
71	A	A	A	A	A	A	A	A	A	P	P	A	P	P	A													04		
72	P	A	P	P	A	A	A	A	A	A	P	P	P	A	A													06		
3																														
4																														
5																														
6																														
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2																														
3																														
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5																														
6																														
7																														
8																														
9																														
0																														

Professor in charge: George T.



Signature: [Signature]

# Nirmala Memorial Foundation College of Commerce & Science

Month : FEBRUARY

PROGRAM: FYIT COURSE: NM Div.: C SEM: II AY: 2022 - 2023

Roll No.		DATES																												No. of Days Present		Remark	
		01	03	09	11	13	14	16	19	21	22	23	24	24	25	27	28																
																													15				
31		P	P	P	A	A	A	P	A	P	A	A	A	A	A	P	P													06			
32		P	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A													01			
33		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A													00			
34		P	A	P	P	A	A	A	A	A	P	A	A	A	P	A	P													05			
35		A	P	P	P	P	P	A	A	A	P	P	P	P	P	A	A													10			
36		P	A	P	P	P	P	P	P	P	P	A	A	A	A	P	P													10			
37		P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P													13			
38		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P													15			
39		P	A	A	P	A	A	A	A	P	P	A	A	A	A	A	A													04			
40		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P													15			
41		P	A	P	A	A	A	P	P	A	P	P	A	A	P	P	P													08			
42		P	P	P	P	P	P	P	P	A	P	P	P	P	A	A	P													12			
43		P	P	P	P	A	A	A	A	A	P	A	A	A	P	A	A													06			
44		P	P	P	A	P	A	A	P	P	P	P	P	P	P	P	P													12			
45		P	P	A	A	P	A	A	A	A	A	A	A	A	A	A	A													02			
46		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P													15			
47		P	P	A	A	A	A	P	A	A	P	P	A	A	P	P	P													07			
48		A	P	P	A	A	A	A	A	A	A	A	A	A	A	A	A													02			
49		P	A	P	A	A	A	A	A	A	A	P	P	P	A	A	A													05			
50		P	A	A	P	P	A	A	A	A	A	A	A	A	A	A	A													03			
51		P	A	A	P	A	A	A	A	A	A	A	A	P	A	A	A													03			
52		P	P	P	P	A	A	A	A	A	P	P	P	P	A	P	A													09			
53		P	P	P	P	A	A	A	P	P	P	P	A	A	P	A	A													09			
54		A	P	P	P	P	P	P	A	A	A	P	P	P	P	P	P													11			
55		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A													00			
56		P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P													14			
57		P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P													13			
58		P	P	P	P	P	A	P	P	P	P	A	A	A	P	P	P													11			
59		P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P													14			
60		P	P	P	P	A	A	P	A	P	P	P	P	P	A	A	P													10			

Professor in charge: George T.



Signature: [Signature]



## Nirmala Memorial Foundation College of Commerce &amp; Science

Month: FEBRUARY

PROGRAM: FYIT COURSE: NIM Div.: C SEM: II AY: 2012 - 2013

Roll No.	DATES																												No. of Days	Remark
																													Present	
	01	02	01	01	03	03	03	01	01	03	05	03	05	03	02	02														
	01	03	09	11	13	14	16	19	21	22	23	24	24	25	27	28														
1	P	P	P	A	P	A	A	A	A	A	A	A	A	A	A	P											15			
2	A	P	P	P	P	P	P	A	A	A	A	A	P	P	A	A											04			
3	A	A	A	A	A	P	A	A	A	P	A	A	A	A	P	A											08			
4	A	P	P	P	P	P	A	A	A	A	A	A	A	A	A	A											03			
5	A	A	A	A	A	P	A	A	A	A	A	A	A	A	A	A											05			
6	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A											01			
7	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A											00			
8	A	P	P	P	P	P	A	A	A	A	A	A	A	A	A	A											05			
9	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A											00			
10	P	P	P	A	P	P	A	A	P	P	P	A	P	P	A	P											10			
11	A	P	A	A	A	P	P	A	A	A	A	A	A	A	A	P	A										04			
12	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P										14			
13	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P										14			
14	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A										20			
15	A	P	P	P	A	A	P	A	P	P	A	P	P	P	A	A											09			
16	P	P	P	P	P	A	A	A	A	A	P	P	A	P	A	A	A										08			
17	P	A	A	A	A	A	A	P	A	A	A	A	A	A	A	A	A										01			
18	A	A	A	A	P	P	P	A	A	P	A	P	P	A	A	A	A										06			
19	P	A	P	P	P	P	P	A	A	P	A	P	A	P	A	A	A										04			
20	P	A	A	A	A	A	A	P	A	A	A	A	A	A	A	A	A										09			
21	A	A	A	A	A	A	A	A	P	A	A	P	A	P	A	P											03			
22	A	P	P	P	A	A	A	A	A	P	P	P	P	P	P	P	P										09			
23	A	A	P	A	A	A	P	A	A	A	P	A	P	A	A	A	A										04			
24	A	P	P	P	P	P	P	A	A	A	A	A	A	A	A	A	A										07			
25	A	A	P	A	A	A	P	A	A	A	P	A	A	A	A	A	A										03			
26	P	P	P	P	A	A	P	A	A	A	P	A	A	P	A	A	A										07			
27	P	A	P	A	A	A	P	A	P	A	A	A	A	A	A	A	A										06			
28	A	P	P	P	P	A	A	P	P	A	A	A	A	A	A	A	P										04			
29	P	P	P	P	P	A	A	P	P	A	A	A	A	A	A	A	P										07			
30	A	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P										10			
																											10			

Professor in charge: George T.



Signature:

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# Nirmala Memorial Foundation College of Commerce & Science

Month: FEBRUARY

PROGRAM: FYIT COURSE: NM Div.: C SEM: II AY: 2022-2023

PROGRAM: FYIT		COURSE: NM		DIV: 3		No. of Days		Remark																						
Roll No.	DATES																												Present	Remark
	01	03	04	11	13	14	16	19	21	22	23	24	24	25	27	28														
C1	A	A	P	A	A	A	A	A	A	P	A	A	A	P	A	A													15	
C2	P	P	P	A	A	A	P	P	P	P	P	A	A	A	P	P													03	
C3	P	A	P	P	A	A	A	A	P	P	A	A	A	A	P	P													09	
C4	A	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P													06	
C5	A	A	A	P	P	A	A	A	A	A	P	A	A	A	A	P													12	
C6	P	P	P	P	P	P	P	P	P	P	A	P	P	A	A	P													03	
C7	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A													12	
C8	A	A	A	P	A	A	A	A	P	P	P	P	P	P	P	P													00	
C9	A	A	P	A	A	A	A	A	A	A	A	A	P	P	A	P													08	
C10	P	A	P	P	A	A	A	P	A	A	A	P	P	P	A	P													03	
C11	A	A	A	A	A	A	P	A	A	A	A	A	A	P	A	A													07	
C12	P	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A													02	
C13	P	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A													00	
3																														
4																														
5																														
6																														
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9																														
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Professor in charge: George T.



Signature

# Nirmala Memorial Foundation College of Commerce & Science

75

Month : MARCH

PROGRAM: FYIT COURSE: NM Div.: C SEM: II AY: 2022 - 2023

Roll No.	DATES																									No. of Days	Remark
	08	08	24	25																						Present	
31	P	P	P	P																							
32	A	A	A	A																							
33	A	A	A	A																							
34	A	A	A	A																							
35	P	P	P	P																							
36	P	P	P	P																							
37	P	P	P	P																							
38	P	P	P	P																							
39	A	A	A	A																							
40	P	P	P	P																							
41	P	P	P	P																							
42	P	P	P	A																							
43	P	P	P	P																							
44	P	P	P	P																							
45	A	A	A	A																							
46	P	P	P	P																							
47	P	P	P	A																							
48	P	P	A	A																							
49	P	P	A	A																							
50	P	P	A	A																							
51	A	A	A	A																							
52	P	P	P	P																							
53	P	P	P	A																							
54	P	P	P	A																							
55	A	A	A	A																							
56	P	P	P	P																							
57	P	P	P	P																							
58	A	A	P	P																							
59	P	P	P	P																							
60	A	A	P	P																							

Professor in charge: Genge T



Signature: [Signature]



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# Nirmala Memorial Foundation College of Commerce & Science

Month: MARCHPROGRAM: FYITCOURSE: NMDiv.: CSEM: IIAY: 2022 - 2023

PROGRAM: FYIT		COURSE: NM		DATE:		DATES																												No. of Days Present		Remark	
Roll No.																																					
	02	03	02	01																																	
	08	08	24	25																																	
1	P	P	A	A																																	
2	P	P	A	A																																	
3	P	P	P	A																																	
4	A	A	A	P																																	
5	A	A	A	A																																	
6	A	A	A	A																																	
7	P	P	A	A																																	
8	A	A	A	A																																	
9	P	P	P	A																																	
10	A	A	A	A																																	
11	P	P	P	P																																	
12	P	P	P	P																																	
13	A	A	A	A																																	
14	A	A	A	P																																	
15	P	P	A	P																																	
16	A	A	A	A																																	
17	P	P	P	P																																	
18	P	P	A	A																																	
19	P	P	A	A																																	
20	P	P	A	A																																	
21	P	P	P	P																																	
22	A	A	A	A																																	
23	P	P	P	P																																	
24	A	A	A	A																																	
25	P	P	A	A																																	
26	P	P	P	A																																	
27	A	A	P	A																																	
28	P	P	P	P																																	
29	P	P	P	A																																	
30	P	P	P	A																																	

Professor in charge: George T.Signature [Signature]

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# Nirmala Memorial Foundation College of Commerce & Science

Month: MARCH

PROGRAM: FMIT COURSE: NM Div.: C SEM: II AY: 2012-2013

Roll No.	DATES										No. of Days Present	Remark
	08	08	24	25								
61	A	A	A	A								
62	P	P	A	P								
63	P	P	A	P								
64	P	P	A	P								
65	P	P	P	A								
66	P	P	P	A								
67	A	A	A	A								
68	P	P	P	P								
69	P	P	A	A								
70	P	P	P	P								
71												
72												
3												
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6												
7												
8												
9												
0												

Professor in charge: George T.Signature G

# **25 Steps For Effective Curriculum Planning and Delivery**

**Display of defaulter  
students list to students  
and parents**



NIRMALA MEMORIAL FOUNDATION COLLEGE OF COMMERCE AND SCIENCE,  
KANDIVALI (E)

ATTENDANCE REPORT FOR THE MONTH OF JULY 2022

AC. YEAR - 2022-23

DATE: 01-08-2022

CLASS: FYBAF

TOTAL LECTURES: 52

CATEGORY	ROLL NO											
<b>GREEN</b> ( $\geq 75\%$ )	9	11	13	14	16	17	18	20	24	26	27	30
	32	33	34	38	40	43	44	45	46	47	51	52
	53	54	55	58								
<b>YELLOW</b> (50% - 74%)	2	3	4	5	6	7	8	19	21	22	25	35
	36	37	39	41	42	48	50	60	61	62	63	
<b>RED - A</b> (40% - 49%)	15	28	56	57	59	64	65					
<b>RED - B</b> (30% - 39%)	12	66	69	70								
<b>RED - C</b> (20% - 29%)	23	29										
<b>RED - D</b> (10% - 19%)	1	10	49									
<b>RED - E</b> (0% - 9%)	31	67	68	71	72	73						

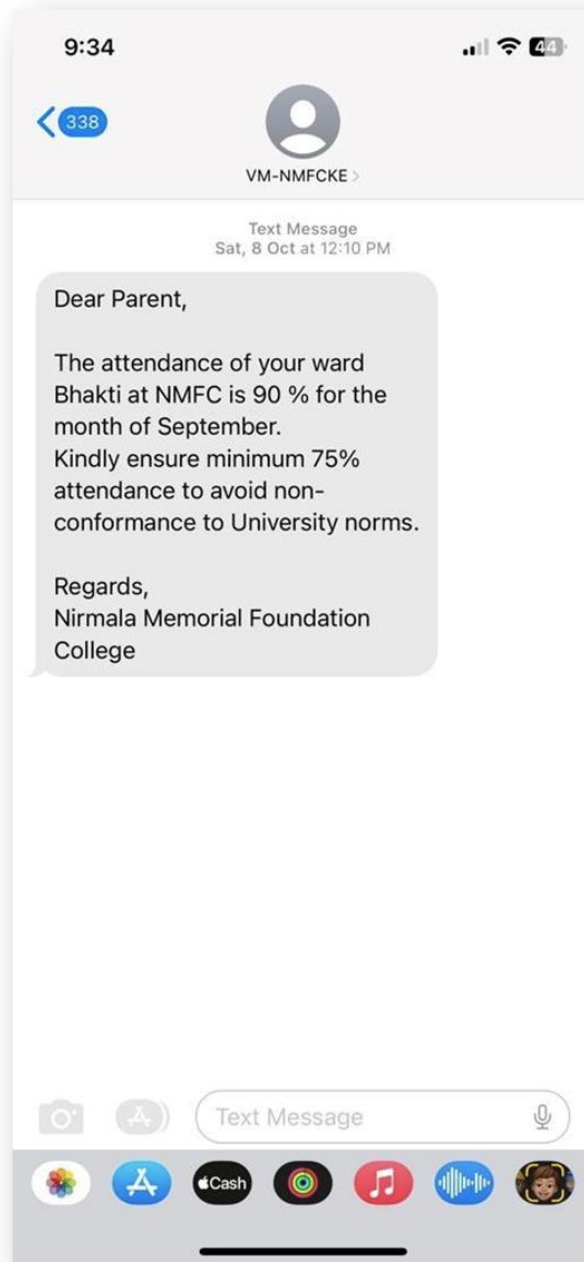
**NOTE:** Every Student is required to be Present for minimum 75% of the Lectures/Tutorials/Practicals taken in each subject in each term. Defaulters will be running a greater risk as per the new Semester System .

Manish Zalawadia

CONVENOR

ATTENDANCE COMMITTEE

## Message sent to parents





# **25 Steps For Effective Curriculum Planning and Delivery**

## **Follow-up of defaulter students in Parents Teaching meeting**

## Letter Given to Defaulter students



### Nirmala Memorial Foundation College of Commerce & Science

(Permanently Affiliated to University of Mumbai)  
(Accredited by NAAC with B\*\* CGPA : 2.80)

D.S. Road, Aasha Nagar, Thakur Complex, Kandivali (East), Mumbai – 400 101, Tel.: 2854 3234 | [naac@nirmalfoundation.edu.in](mailto:naac@nirmalfoundation.edu.in)

Name: SAWLA OJAS VIMAL GEETA

Date: 15/12/2022

Class: S.Y.B.Com

Division:D

Roll No: 100

This notice is issued to you as your attendance upto the month of December, 2022 is NIL. It is less than the prescribed 75%, as per the provisions of Ordinance 0.6086 of University of Mumbai.

You are hereby informed to maintain it for remaining semester to appear for the Final semester Examination to be held in the month of February.

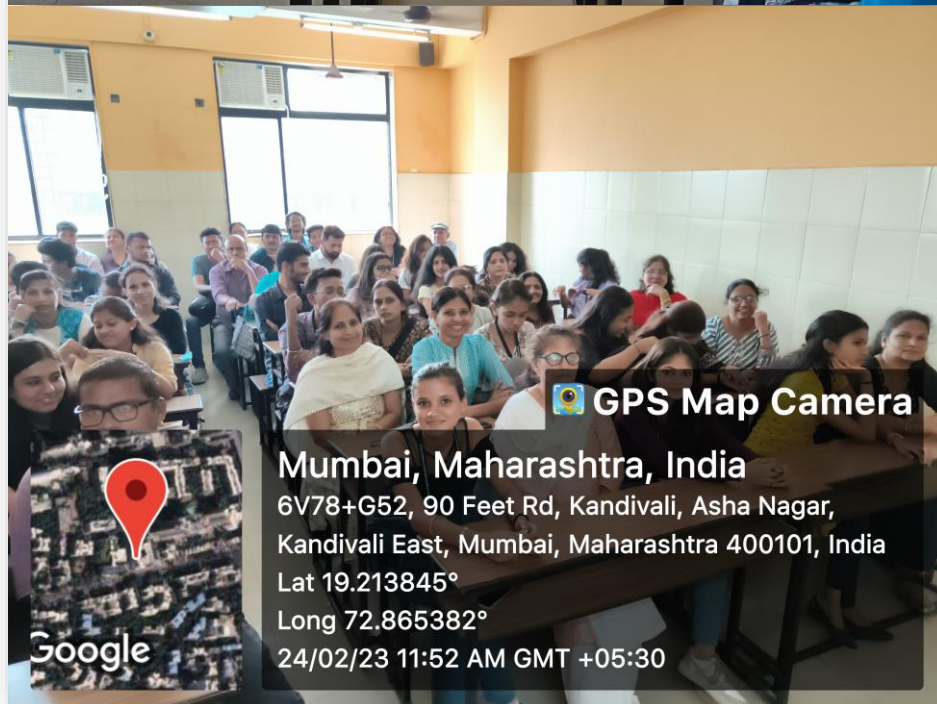
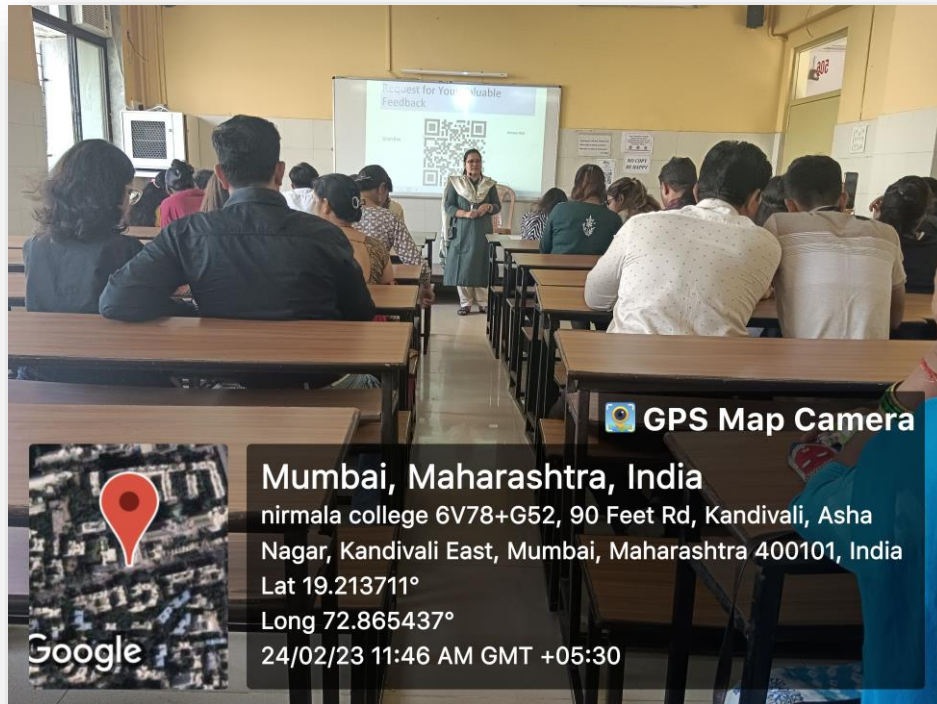
यह नोटिस आपको जारी किया गया है क्योंकि दिसंबर, २०२२ के महीने तक आपकी उपस्थिति NIL है, जो मुंबई विश्वविद्यालय के अध्यादेश ०.६०८६ के प्रावधानों के अनुसार निर्धारित ७५% से कम है।

इस प्रकार आपको यह सूचित किया जाता है कि बचे हुए सत्र में आप ७५% उपस्थिति निर्धारित करें ताकी फरवरी, २०२३ के महीने में सेमेस्टर एंड यूनिवर्सिटी परीक्षा के लिए आपको आने की अनुमति दी जाए।

(Mr. Manish Zalawadia)  
Convenor  
Attendance Committee

(Ms. Swiddle D'Cunha)  
I/C Principal

## Parents Teacher Meeting







# **25 Steps For Effective Curriculum Planning and Delivery**

## **Regular Class test for effective Curriculum Delivery**




**Nirmala Memorial Foundation College of Commerce & Science**  
**FYB.Com (Accounting and Finance) Semester - I**  
**Internal Assessment – Class Test Time – Table**

18 / 08 / 2022

Day	Date	Course	Time
Monday	12 / 09 / 2022	Commerce ( Business Environment) -I	8:00 am to 8:50 am
		Cost Accounting ( Introduction to Element of Cost) - I	9:00 am to 9:50 am
Tuesday	13 / 09 / 2022	Financial Management (Introduction to Financial Management ) - I	8:00 am to 8:50 am
		Financial Accounting (Elements of Financial Accounting) - I	9:00 am to 9:50 am
Wednesday	14 / 09 / 2022	Business Communication – I	8:00 am to 8:50 am
		Business Economics – I	9:00 am to 9:50 am

The internal test will be conducted offline and the paper pattern is as per prescribed by the university. Students are required to be seated in the examination room 10 minutes before the commencement of examination.

  
 ( I / C Principal)

# **25 Steps For Effective Curriculum Planning and Delivery**

## **Seminar of students on academic syllabus**

## Seminar of Students on Academic Syllabus

**BCOM :**

### Seminar on Soft Skills

Department of B.com Organized a Seminar on 16th December, 2022 for F.Y.B.com Learners where in total 90 students participated in the seminar the speaker was Dr. Amruta Pawar she delivered an informative insight about soft- skills to develop learner's personal attributes.

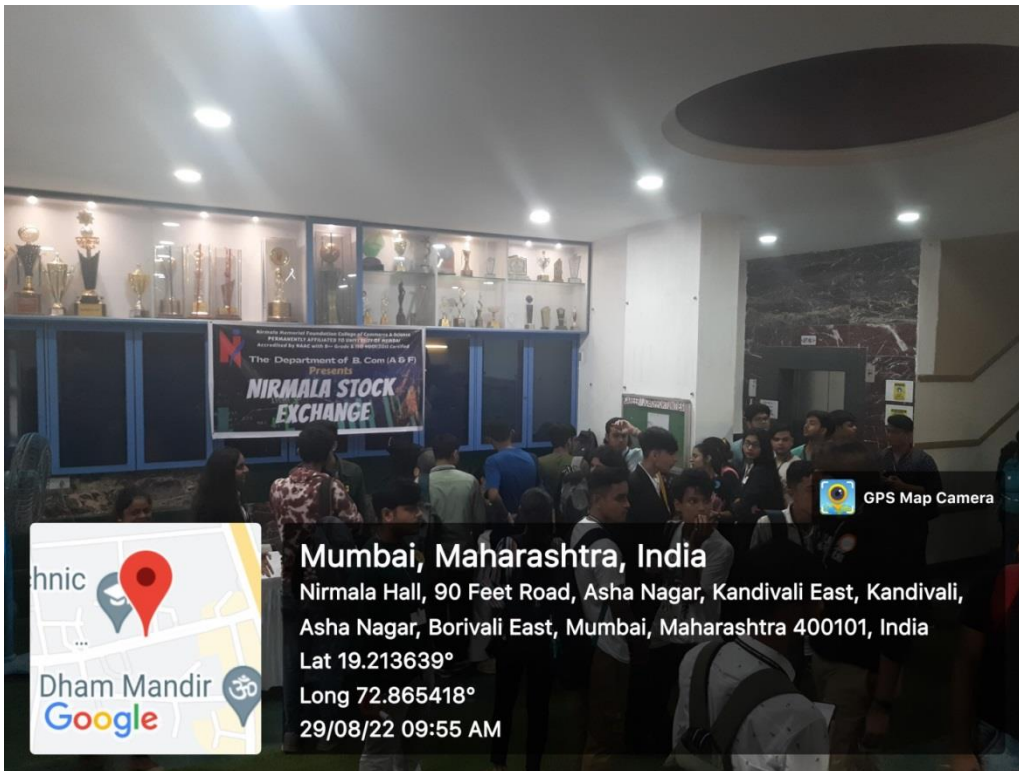


## BCom (A & F) :

### The Wolf of Dalal Street

With an aim to give experiential learning, the Department of B.Com (A & F) in association with IQAC organised a Workshop on “Wolf of the Dalal Street” for the students on Friday, 5<sup>th</sup> August 2022 at 9:00 am in block no. 508 followed by from 10:00 am, hands on experience in the computer laboratory (Lab No.1).

Guest Speaker was CA Dharin Shah. As a part of the workshop, a competition was held on trading of securities and commodities. At the end of the workshop, students received a participation certificate and the team of students with maximum portfolio valuation were awarded.





## BMS

### Career and Scope in Advertising Industry

The Department of BMS in association with the Internal Quality Assurance Cell of the College organised a seminar on Saturday, 30th July, 2022 at 10:00 am on the topic “Career Scope in Advertising Industry”.

The Guest Speaker was Mr. Jay Raval an alumnus of BMS Department (batch 2015-16). Formerly he was the Business Manager at Wavemaker Media Agency, the second largest media agency network in the world, with domestic and international clients. Currently he is associated with Estee Lauder Companies handling media and revenue strategies.

Mr. Jay taught students that the world of advertising has two main domains that is creativity and technicality. He also asked students to have an introspection on whether they like to flourish in creative or technical areas. Various career options in the two domains were discussed by him. Around 54 students attended the program.



## BSC CS

### Seminar on Robotics & Internet of Things for FYIT and FYCS students

The Department of B.Sc.IT and B.Sc. CS had organised a Technical Session on **“Robotics & Internet of Things”** for the First Year Students of B.Sc. IT and B.Sc. CS.

Co-ordinator of Dept. of B.Sc. IT and B.Sc. CS Ms. Vaishali Mishra welcomed the guest Mr. Rahul Gupta and Prof. Aparna Panigrahy introduced him in front of the audience at 11.00 am. The introductory part of the session was initiated by Prof. Shivkumar Chandey at 11.05 am.

Mr. Rahul Gupta started the session by interacting with students. During interaction, the speaker started asking basic questions related to hardware and sensors. After the small interaction, the speaker jumped on session keynotes and technicality related to IOT and Robotics. Technical things were discussed in depth. Information given by the speaker was very useful. If learners want to make a career in Hardware fields, Robotics and IOT this can help them a bit.

Here comes the most awaiting moment of the Technical Session, Mr. Rahul Gupta has brought two functional Robot products



# BSC CS

## TYCS Expert lecture session

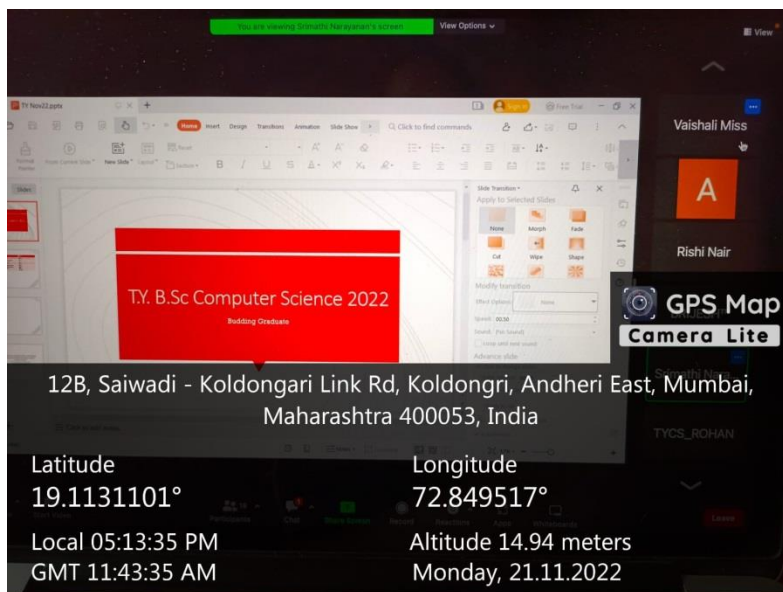
The Department of B.Sc. IT and B.Sc. CS had organised an online Expert lecture session for the TY BSc CS Students. The expert lecture was on the overall syllabus of the TY BSc CS.

Ms. Vaishali Mishra, Co-ordinator of Dept. of B.Sc. IT and B.Sc. CS welcomed the guest Ms. Srimathi Narayanan, H.O.D. of B.Sc. IT and B.Sc. CS

V.A Vartak College.

Ms. Srimathi Narayanan had also explained the following topics thoroughly:

1. Syllabus Overview
2. Writing answers in exams (What to write/How much to write)
3. Question paper pattern
4. Important topics



# MSC IT

## workshop on Robotic Process Automation

Department of M.Sc. Information Technology of our college is organizing a one day hands on technical workshop on RPA(Robotic Process Automation) Technology on Saturday, 17th September, 2022 from 9:00 am to 1:30 pm. Workshop will be conducted by **Mr. Vishal Singh**.

### Topic Covered :

- Introduction to RPA
- Ui path walk through
- Desktop automation
- Web automation
- Excel automation
- Mail automation





# **25 Steps For Effective Curriculum Planning and Delivery**

## **ICT classroom facilities for effective curriculum delivery**



## Nirmala Memorial Foundation College of Commerce & Science

(Permanently Affiliated to University of Mumbai)

D.S. Road, Asha Nagar, Thakur Complex, Kandivali (East), Mumbai – 400 101. Tel.: 2854 3234

### 2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process.

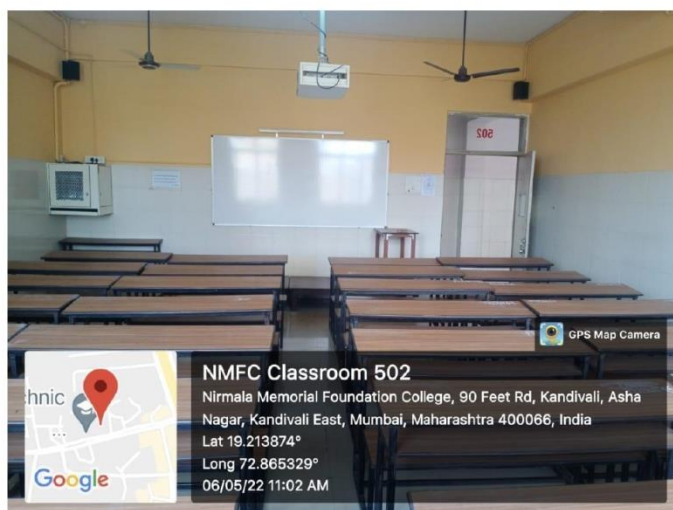
#### Intranet, Internet, learning Platforms, computers –

Sr. No.	Details	Number
1	PCs exclusively available to students:	179
2	PCs available in Library:	9
3	PCs available in Administrative Office:	8
4	Laptops available for Administrative office:	4
5	PCs available to Faculty Members:	12
6	Number of PCs in Research Cell	3
7	Number of PCs in Exam Control Room	1
8	Number of PCs in Class rooms	26
9	Number of Laptop in Seminar Hall	1

Sr No	Details	Number
1	Internet Bandwidth in Mbps:	50/100
2	Internet Connection ratio:	1:1
3	Printers available	15
4	LED Android TV Sony Bravia	1
5	LCD Projectors	26
6	Portable Projectors	8
7	Sony Handy cam with tripod	1
8	Sony camera	1
9	Sound System	1
10	Cordless Mike	30
11	Biometric machine	1
12	Bar Code Scanner I Ball LS - 203	1
13	Scanner	3
14	Photocopier machine	5

(I /C Principal)

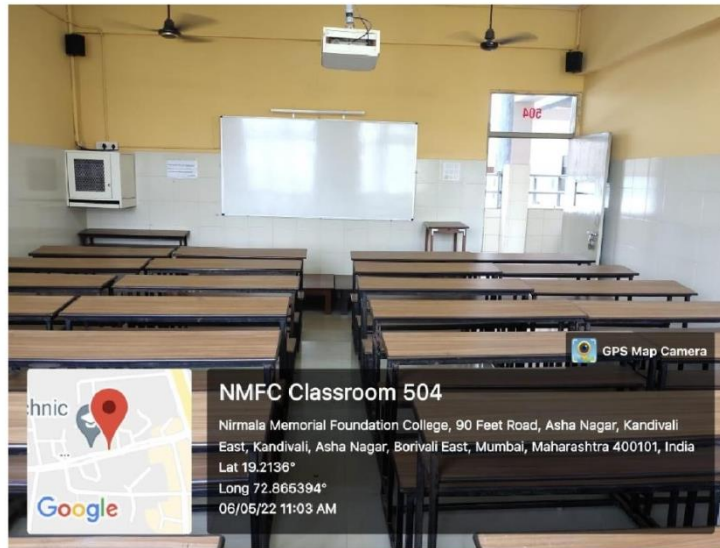
**CLASSROOM NO 502**



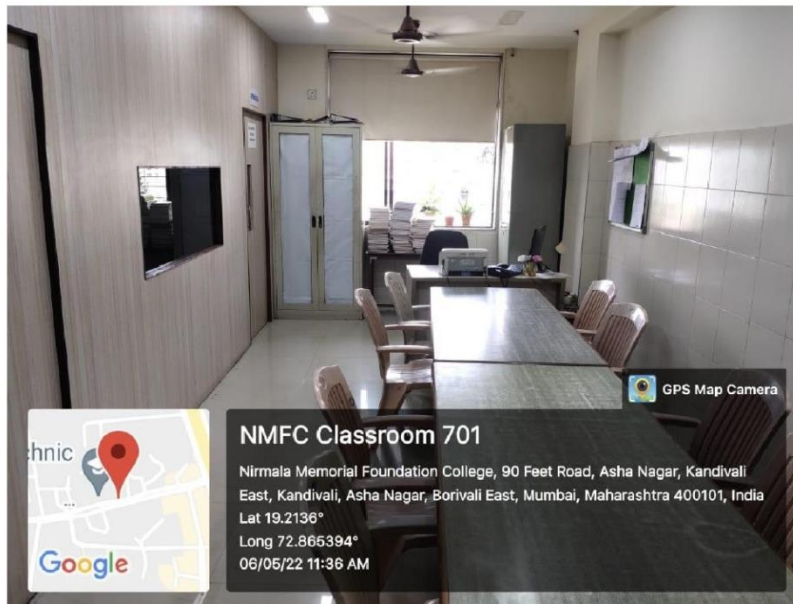
**CLASSROOM NO 503**



**CLASSROOM NO 504**



**CLASSROOM NO 701**

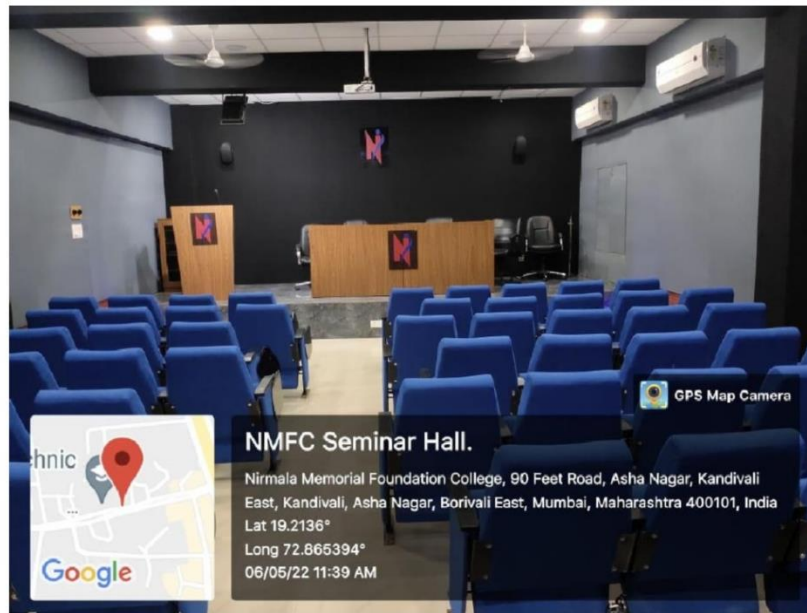




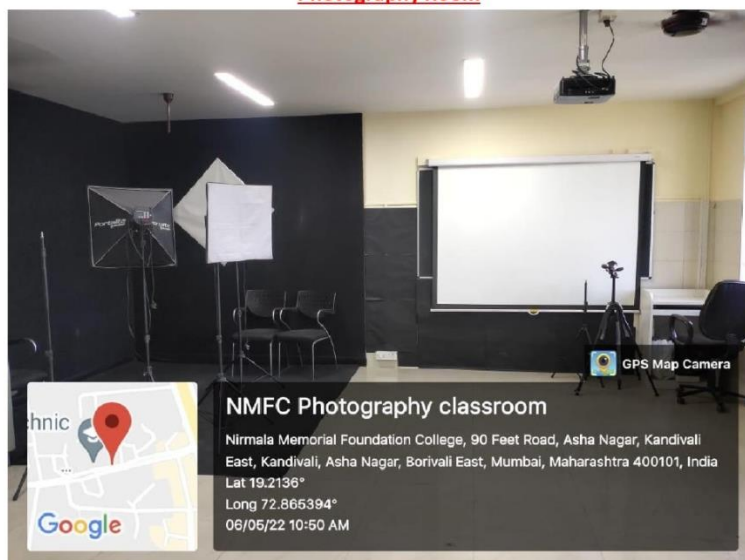
**CLASSROOM NO 702**



**Seminar Hall 706**



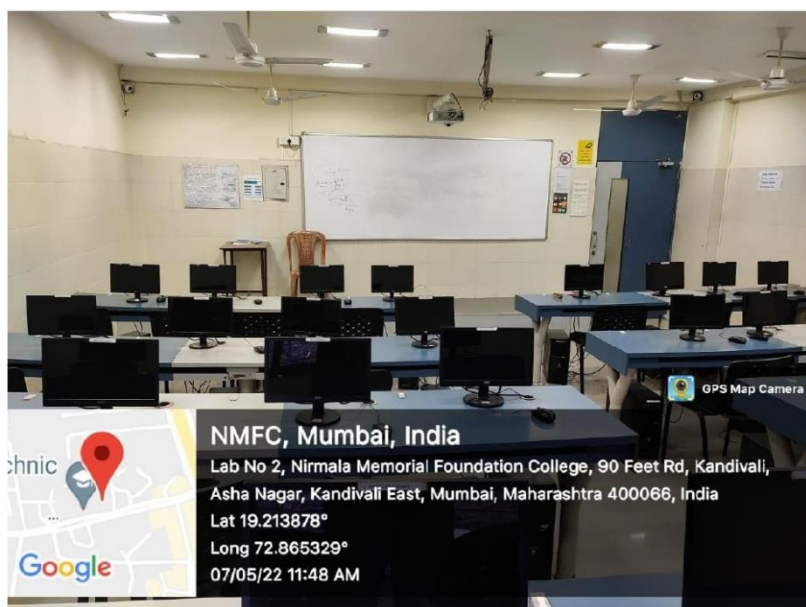
### Photography Room



### Lab – 01



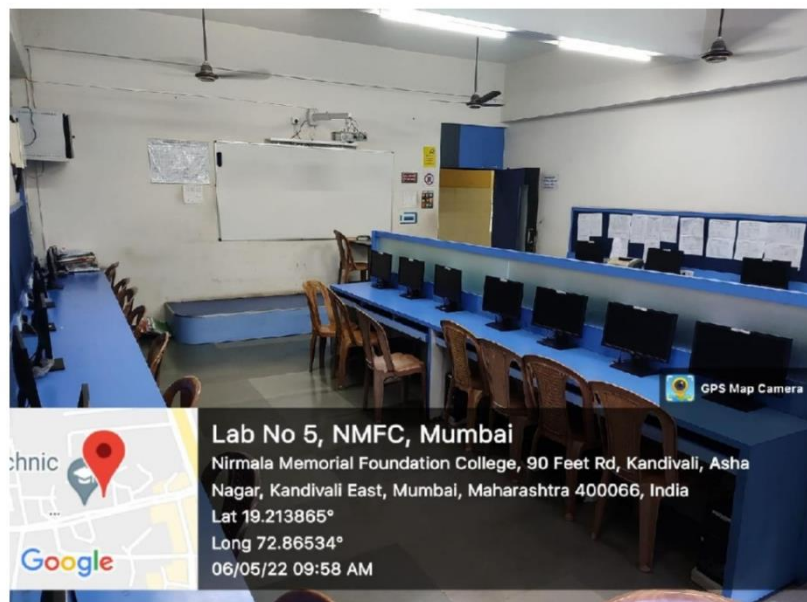
**Lab – 02**



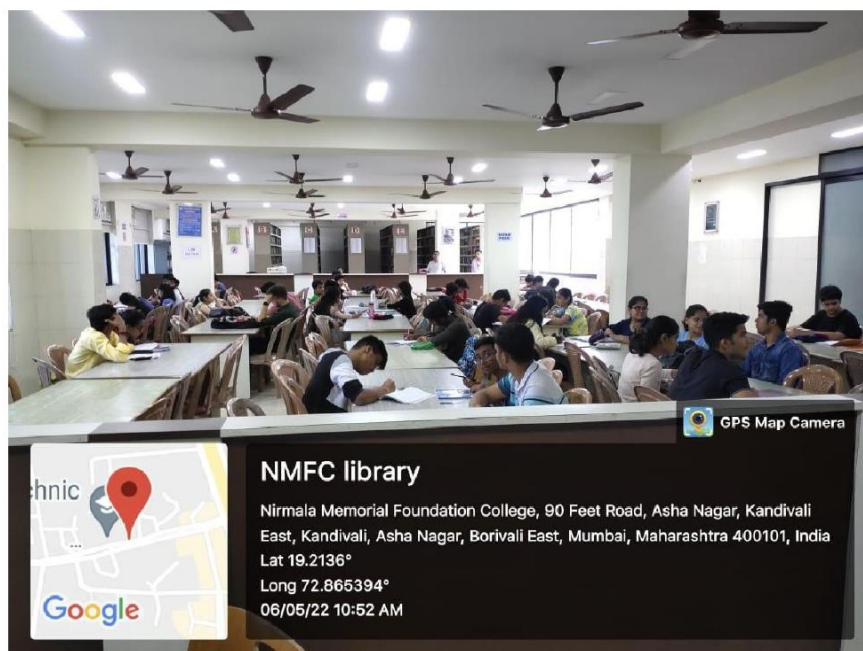
**Lab – 03**



### Lab - 05



### Library





# **25 Steps For Effective Curriculum Planning and Delivery**

## **Library as a knowledge resource for Effective Curriculum Delivery**



## Activities

[Home](#) / [Activities](#)

Admission 2023-24

Nirmala Memorial Foundation College of Commerce and Science, a flourishing institution affiliated to the University of Mumbai made its humble genesis in 2003, through the enlightened vision and guidance of **Mr. Thakorbhai Desai**.

As an institution its purpose is to impart quality education to students of all creeds in general and the Gujarati Linguistic Minority in particular. The college strives to develop the intellectual powers of students through methods that are participative, interactive and facilitative in a measurable manner. It has been able to achieve this through methods that are participative, interactive and facilitative in a measurable manner.

The college offers a number of traditional and self financing programs. It has been able to achieve this through methods that are participative, interactive and facilitative in a measurable manner.

The greatest strength of the college is that it is managed by dedicated and forward looking educationists but also believe that knowledge is power and it has been able to achieve this through methods that are participative, interactive and facilitative in a measurable manner.

### Infrastructure in our campus

Nirmala provides excellent infrastructure to facilitate the education process and enhance the learning ability of the students through availing amenities like:

- The eight storied building includes modern air-conditioned office blocks, well equipped classrooms, well planned corridors and 2 elevators.

## List of services provided by library

### Categories

- [Previous Question Papers](#)
- [Book Bank Facility And its Form Link](#)
- [Recommend A Book Service And its Demand Slip Form](#)
- [Photocopy Service](#)
- [Library Reader's Service](#)

# **25 Steps For Effective Curriculum Planning and Delivery**

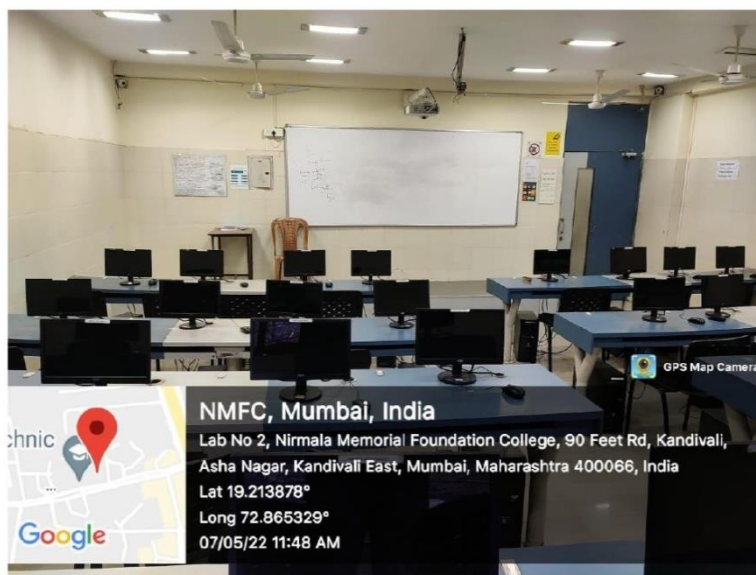
**Well-equipped  
laboratory for effective  
curriculum delivery**



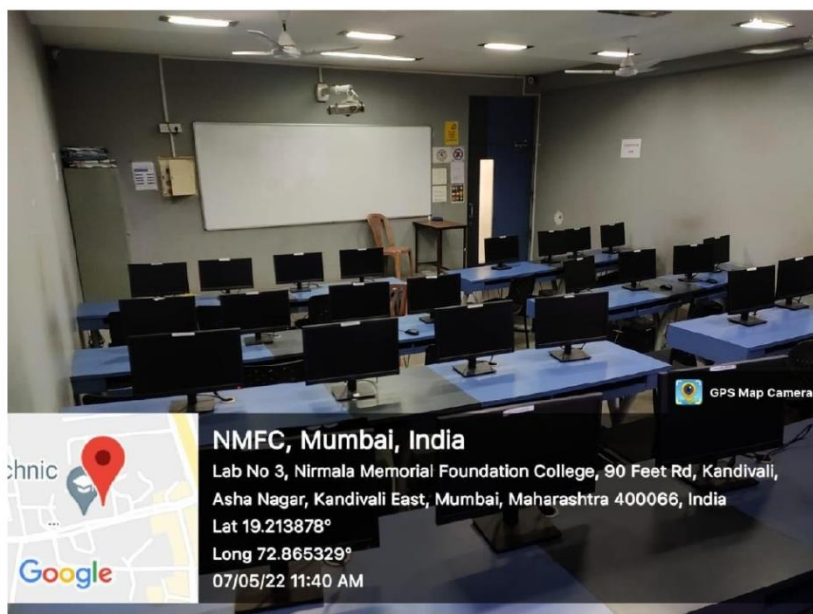
**Lab – 01**



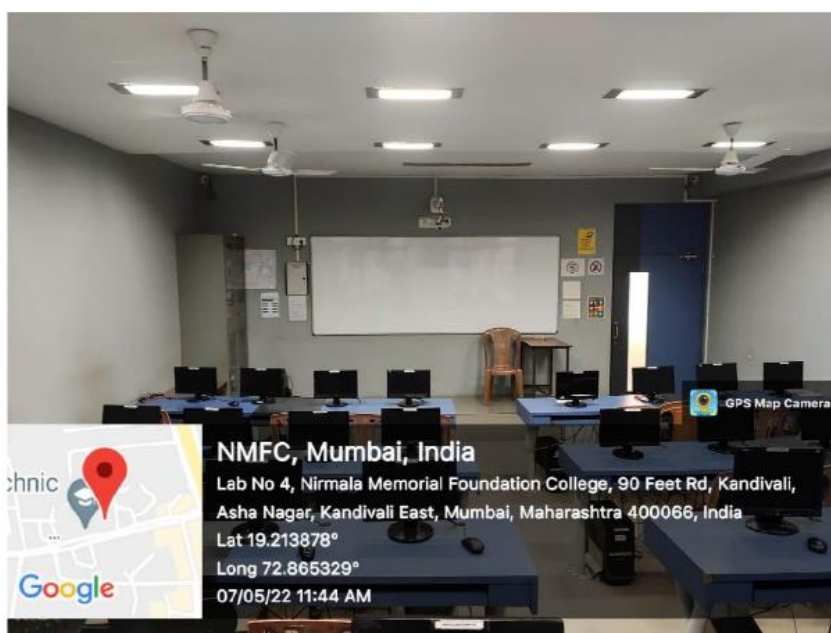
**Lab – 02**



**Lab – 03**



**Lab – 04**



**Lab – 05**



# **25 Steps For Effective Curriculum Planning and Delivery**

## **Timely feedback of stakeholder**



## PARENTS FEEDBACK ANALYSIS 2022-2023

### Internal Quality Assurance by Parents

I. Parents opinion about the College was taken based on the following areas.

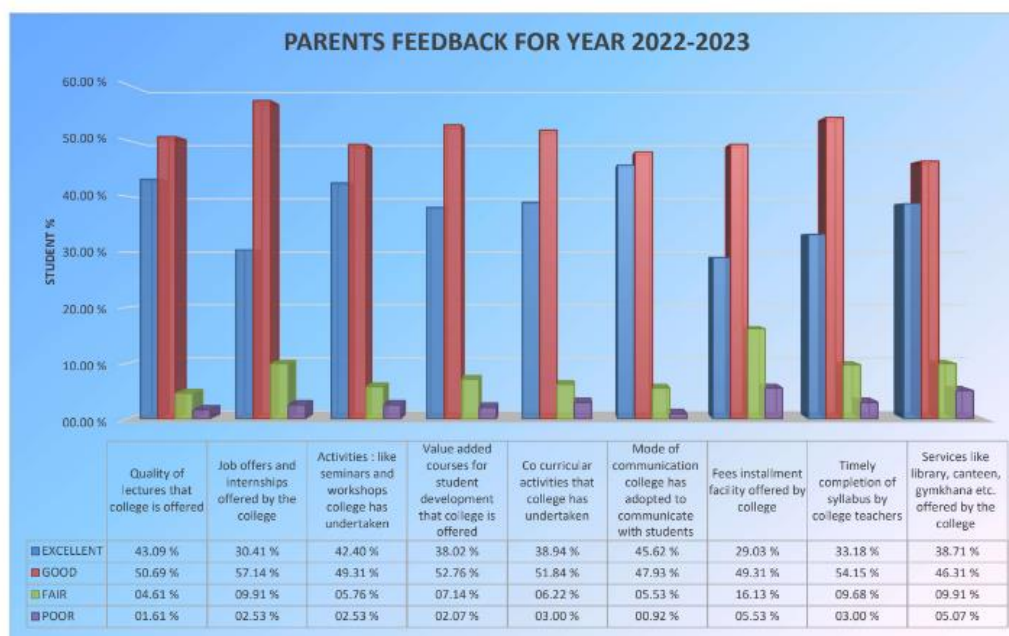
	Quality of lectures that college is offered	Job offers and internships offered by the college	Activities : like seminars and workshops college has undertaken	Value added courses for student development that college is offered	Co curricular activities that college has undertaken	Mode of communication college has adopted to communicate with students	Fees instalments facility offered by college	Timely completion of syllabus by college teachers	Services like library, canteen, gymkhana etc. offered by the college
EXCELLENT	187	132	184	165	169	198	126	144	168
GOOD	220	248	214	229	225	208	214	235	201
FAIR	20	43	25	31	27	24	70	42	43
POOR	7	11	11	9	13	4	24	13	22
	434	434	434	434	434	434	434	434	434

The rating of Parents was categorised on four categories.

1. Excellent
2. Good
3. Fair
4. Poor

Based on the survey the maximum responses were for Excellent and Good.

The survey was based on the following areas



## EMPLOYER FEEDBACK ON CURRICULUM 2022-2023

I. Employer opinion about the College was taken based on the following areas.

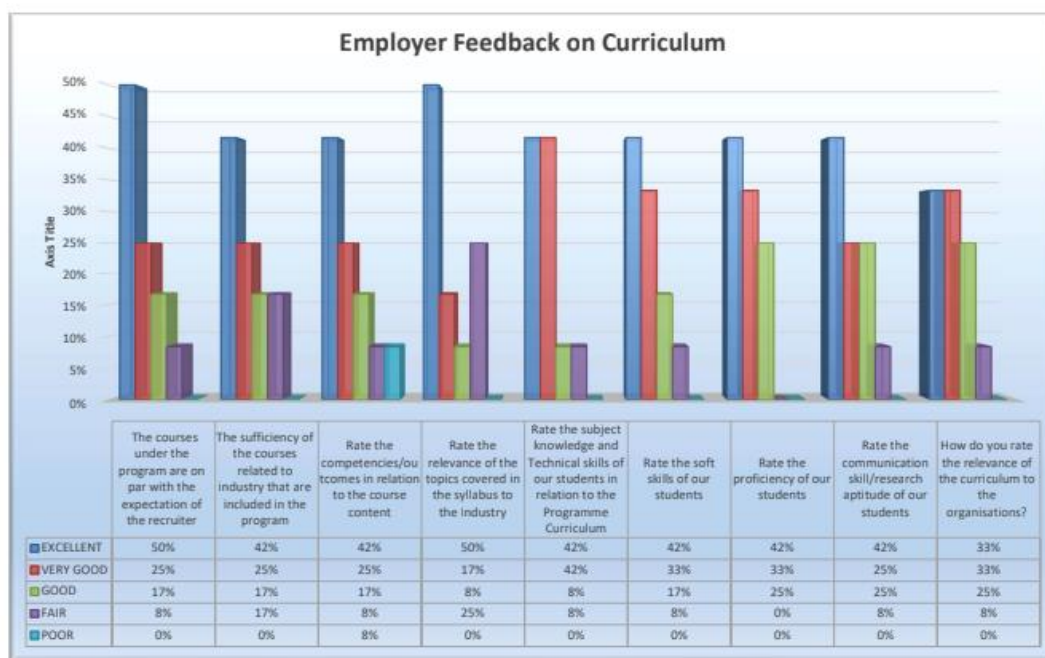
	The courses under the program are on par with the expectation of the recruiter	How do you rate the sufficiency of the courses related to industry that are included in the program?	How do you rate the competencies/outcomes in relation to the course content?	How do you rate the relevance of the topics covered in the syllabus to the Industry?	How do you rate the subject knowledge and Technical skills of our students in relation to the Programme Curriculum?	How do you rate the soft skills of our students?	How do you rate the proficiency of our students ?	How do you rate the communication skill/research aptitude of our students?	How do you rate the relevance of the curriculum to the organisations?
EXCELLENT	6	5	5	6	5	5	5	5	4
VERY GOOD	3	3	3	2	5	4	4	3	4
GOOD	2	2	2	1	1	2	3	3	3
FAIR	1	2	1	3	1	1	0	1	1
POOR	0	0	1	0	0	0	0	0	0
TOTAL	12	12	12	12	12	12	12	12	12

The rating of Parents was categorised on four categories.

1. Excellent
2. Very Good
3. Good
4. Fair
5. Poor

Based on the survey the maximum responses were for Excellent, Very Good and Good.

The survey was based on the following areas



# **25 Steps For Effective Curriculum Planning and Delivery**

**Regular exams &  
evaluation to require  
effectiveness of  
curriculum delivery**

**Nirmala Memorial Foundation College of Commerce & Science**

19<sup>th</sup> October, 2022

**Notice**


**FYBMS - Semester - I**


**Regular Examination, November, 2022**

**Time – Table**

Day	Date	Course	Time
Tuesday	15/11/2022	Foundation Course - I	09.30 am to 12.00 noon
Wednesday	16/11/2022	Business Economics – I	09.30 am to 12.00 noon
Thursday	17/11/2022	Business Communication – I	09.30 am to 12.00 noon
Friday	18/11/2022	Foundation of Human Skills	09.30 am to 12.00 noon
Saturday	19/11/2022	Introduction to Financial Accounts	09.30 am to 12.00 noon
Monday	21/11/2022	Business Law	09.30 am to 12.00 noon
Tuesday	22/11/2022	Business Statistics	09.30 am to 12.00 noon

**Note :** Students should reach the examination hall atleast 15 minutes prior to the commencement of the examination.

  
(Dr. Poonam Kakkad)  
Co-ordinator

  
(Ms. Swiddle D'Cunha)  
I/C Principal



## Consolidated Result

Page No.1

NIRMALA MEMORIAL FOUNDATION COLLEGE OF COM. AND SCI.  
F.Y.B.M.S. Sem II (10 Point)  
**Register - March - 2023**

Maximum Marks Internal: 25 External: 50/75/100/150 Passing Marks Internal: 10 External: 20/30/40/60

Seat No	Name		POMKT [ 3 ]	IL [ 3 ]	BM [ 3 ]	BC [ 3 ]	FC II [ 2 ]	BE [ 3 ]	POMNG [ 3 ]	Total [ 20 ]	Result	
22FMS021	/AGARWAL AKRITI SANDEEP SUNITA PRN: 2022016400009331 ID: 9611	Int	00 F	00 F	00 F	00 F	00 F	00 F	00 F	0	GPA	0.00
		Ext	AB F	AB F	AB F	AB F	AB F	AB F	AB F	AB	Remark	Unsuccessf..
		Total	00 F	00 F	00 F	00 F	00 F	00 F	00 F	0	Grade	F
		Grade	F	F	F	F	F	F	F		Credits	0
		GP	0	0	0	0	0	0	0			
		CG	F	F	F	F	F	F	F	F		
22FMS022	/ALINA WILSON ANITHA PRN: 2022016400013576 ID: 10165	Int	21	20	17	21	14	21	22	136	GPA	0.00
		Ext	44	31	AB F	AB F	AB F	AB F	38	113	Remark	Unsuccessf..
		Total	65	51	17 F	21 F	14 F	21 F	60	249	Grade	F
		Grade	A	B	F	F	F	F	A		Credits	9
		GP	8	6	0	0	0	0	8			
		CG	24	18	F	F	F	F	24	66		
22FMS023	/ALOKE SAMANTA ANKITA PURNIMA PRN: 2022016400013723 ID: 9744	Int	24	24	11	20	21	19	20	139	GPA	9.45
		Ext	61	54	70	59	50	49	57	400	Remark	Successful
		Total	85	78 @2	81	79 @1	71	68	77	539 @3	Grade	A+
		Grade	O	O	O	O	A+	A	A+		Credits	20
		GP	10	10	10	10	9	8	9			O.5044A
		CG	30	30	30	30	18	24	27	189		
22FMS024	/ANSARI MANTAJA SHAJUDDIN SABIYA PRN: 2022016400007235 ID: 9612	Int	20	24	14	17	19	22	17	133	GPA	7.90
		Ext	47	30	65	47	40	42	45	316	Remark	Successful
		Total	67	54	79 @1	64	59	64	62	449 @1	Grade	B+
		Grade	A	B	O	A	B+	A	A		Credits	20
		GP	8	6	10	8	7	8	8			O.5044A
		CG	24	18	30	24	14	24	24	158		
22FMS025	BACHHAR HARSH RAMAN ANJANA PRN: 2022016400010713 ID: 9734	Int	16	20	14	15	14	15	23	117	GPA	6.40
		Ext	31	30	60	46	30	30	34	261	Remark	Successful
		Total	47	50	74	61	44	45	57	378	Grade	B
		Grade	C	B	A+	A	D	C	B+		Credits	20
		GP	5	6	9	8	4	5	7			
		CG	15	18	27	24	8	15	21	128		
22FMS026	BARAI RAJAT RUHIDEJ JUTHIKA PRN: 2022016400008293 ID: 9687	Int	13	17	12	14	13	12	16	97	GPA	5.65
		Ext	31	30	52	42	30	30	39	254	Remark	Successful
		Total	44	47	64	56	43	42	55	351	Grade	C
		Grade	D	C	A	B+	D	D	B+		Credits	20
		GP	4	5	8	7	4	4	7			
		CG	12	15	24	21	8	12	21	113		

Examiner's Grading : [ ^ ], Ncc or Nss : [ # ], O.5042 : [ @ ], O.5043 : [ @ ], O.5044 : [ @ ], O.5045 : [ \* ], LD : [ ~ ]

## Programme wise Result Analysis

*NIRMALA MEMORIAL FOUNDATION COLLEGE OF COM. AND SCI.*

**F.Y.B.M.S. Sem II (10 Point) - March - 2023**

	Male	Female	Transgender	Total	Percentage
'O' Grade	0	0	0	0	0.00
'A+' Grade	8	16	0	24	11.43
'A' Grade	14	14	0	28	13.33
'B+' Grade	23	13	0	36	17.14
'B' Grade	22	13	0	35	16.67
'C' Grade	13	5	0	18	8.57
'D' Grade	6	0	0	6	2.86
<b>Total Pass</b>	<b>86</b>	<b>61</b>	<b>0</b>	<b>147</b>	<b>70.00</b>
Unsuccessful	42	17	0	59	28.10
Copy Case	4	0	0	4	1.90
<b>Total Appeared</b>	<b>132</b>	<b>78</b>	<b>0</b>	<b>210</b>	<b>100.00</b>
Absent	0	0	0	0	
<b>Total Registered</b>	<b>132</b>	<b>78</b>	<b>0</b>	<b>210</b>	

## Subject wise Result Analysis

NIRMALA MEMORIAL FOUNDATION COLLEGE OF COM. AND SCI.

F.Y.B.M.S. Sem II (10 Point) - March - 2023

### PRINCIPLES OF MARKETING

	Male	Female	Transgender	Total	Percentage
'O' Grade	13	26	0	39	18.57
'A+' Grade	15	5	0	20	9.52
'A' Grade	33	26	0	59	28.10
'B+' Grade	13	7	0	20	9.52
'B' Grade	11	7	0	18	8.57
'C' Grade	18	3	0	21	10.00
'D' Grade	15	0	0	15	7.14
<b>Total Pass</b>	<b>118</b>	<b>74</b>	<b>0</b>	<b>192</b>	<b>91.43</b>
FAILS	14	4	0	18	8.57
<b>Total Appeared</b>	<b>132</b>	<b>78</b>	<b>0</b>	<b>210</b>	<b>100.00</b>
Absent	0	0	0	0	
<b>Total Registered</b>	<b>132</b>	<b>78</b>	<b>0</b>	<b>210</b>	

## List of Toppers programme wise

*NIRMALA MEMORIAL FOUNDATION COLLEGE OF COM. AND SCI.*

**F.Y.B.M.S. Sem II (10 Point) - March - 2023**

### RANKERS BASED ON GPA, TOTAL

Seat No	Name	GPA	Total
22FMS170	SHAH VAISHVI SHIRIN HEMAKSHI	9.85	607
22FMS143	RAJBHAR KHUSHI SHIVCHARAN POONAM	9.85	584
22FMS140	PORAL SHUBODEEP SHANKAR PINKY	9.60	575
22FMS150	REBELLO PEARL SEBASTIAN MEENA	9.60	553
22FMS206	VISHWAKARMA ARYAN NAWABCHAND SUNITA	9.60	552
22FMS038	DARJI DEEPAK BHARATBHAI JYOTSNA	9.55	577
22FMS167	SHAH NISHITA NIRAV PRITI	9.55	568
22FMS111	MISTRY MANSI PRAKASH BINA	9.50	545
22FMS094	KOLI RIYA PAUL SANGEETA	9.45	568
22FMS049	DSOUZA SEYONI LANCY MARY	9.45	563
22FMS136	PERUMALLA SHREYA SHANKARRAO PARIJATHA	9.45	546
22FMS023	ALOKE SAMANTA ANKITA PURNIMA	9.45	539
22FMS046	DOBANI NASHITA NIZAR LAILA	9.40	526
22FMS163	SAWANT OM DEEPAK SUMAN	9.35	557
22FMS039	DARJI DEV JAGDISH MAMTA	9.35	540

# **25 Steps For Effective Curriculum Planning and Delivery**

**Project work/Internship  
based on academics for  
effective curriculum  
delivery**



## Projects made available in the library



# Internship Letter

**ABXENOC  
PRIVATE  
LIMITED**

Raj Nagar Extension

Ghaziabad, Uttar Pradesh-201001

Date - 29th September 2021

CIN - U74999UP2021PTC144721

PAN-AAVCA0585E

TAN -MRTA1495F

To Jethwa Harshita Prahiad,

I am delighted & excited to welcome you to Repo Builders as a telecalling Intern. At Repo Builders we believe that our team is our biggest strength and we take pride in hiring only the best and the brightest minds. Your date of joining the internship is 25th September 2021 and the duration of 1 month. During this period, you are expected to devote your time and efforts solely to Repo Builders. You are also required to inform your mentor about forthcoming events (if there are any) in advance so that the work can be planned accordingly. We are confident that you would play a significant role in the overall success of the venture and wish you the most enjoyable, learning packed and truly meaningful internship experience with us. We look forward to you joining us. Please do not hesitate to contact us for any information you may need. Also, please sign the duplicate of this offer as your acceptance and forward the same to us. However, the company may terminate this agreement forthwith under situations of in-disciplinary behaviors.

Best regards,

**Signature**

Head of HRM Department,  
Repo Builders

**Signature**

Intern Signature

**Signature**

CEO and Co-Founder,  
Repo Builders

Created By: Sign Doc

## Internship Certificate



# **25 Steps For Effective Curriculum Planning and Delivery**

**Experiential learning for  
effective curriculum  
delivery through  
educational visits to  
industries**

## List of Industrial Visit

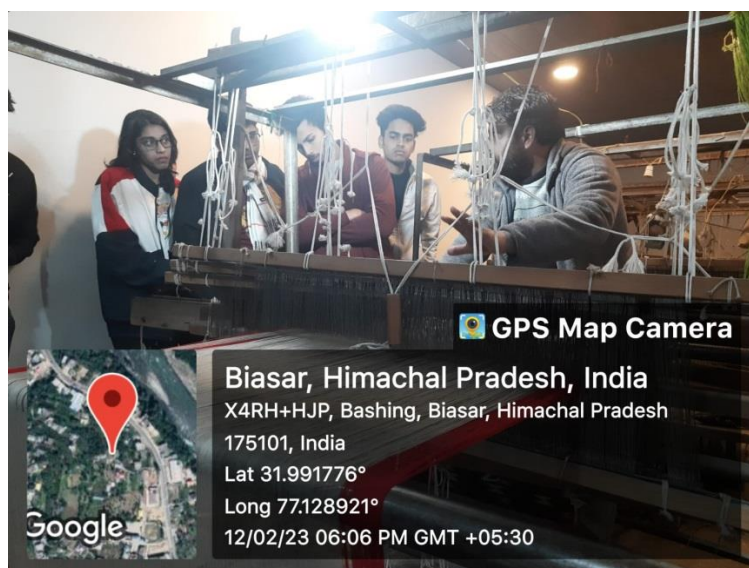
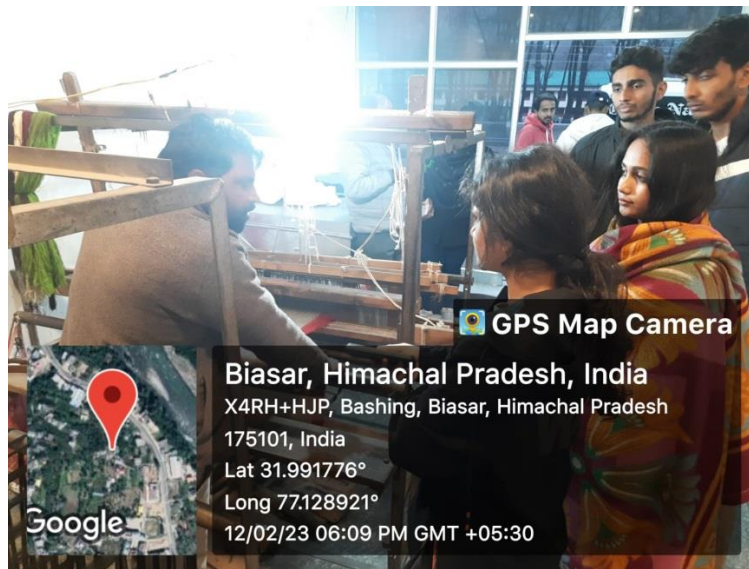
Year	Sr. No.	Date	Industrial Visit
2018-19	1	10-08-2018	Local Industrial Visit to Reserve Bank of India (RBI)
	2	17-10-2018	Local Industrial Visit to Navneet
	3	17-10-2018	Local Industrial Visit to Mahananda Dairy
	4	20-10-2018	Local Industrial Visit to Navneet
	5	22-10-2018	Local Industrial Visit to Mahananda Dairy
	6	23-10-2018 and 25-10-2018	Visit to Metropolitan Megistrate Court
	7	18-02-2019	Industrial Visit to Sula Wine at Nashik
2019-2020	1	30-06-2019	An Industrial Visit to Bisleri
	2	30-07-2019	Industrial Visit to "RBI Monetary Musuem"
	3	21-09-2019	Industrial Visit to "HP International"
	4	12-02-2020 to 21-02-2020	10 days Industrial Visit to Manali-Amritsar-Chandigarh
2022-23	1	09-07-2022	Educational Tour to Navneet Publishing House
	2	04-08-2022	Educational Tour to Camlin
	3	06-08-2022	The Educational tour to HP International Ltd
	4	10-08-2022	Visit to RBI
	5	27-08-2022	Educational Tour to Navneet Publishing House
	6	20-10-2022	Visit to RBI Monetary Mueseum
	7	17-11-2022	Industrial Visit to MTNL
	8	18-11-2022	Industrial Visit to MTNL
	9	26-11-2022	Visit to Manali
	10	03-12-2022	Visit to Sula wines
	11	21-12-2022	Industrial Visit to Mumbai Port
	12	25-12-2022	Induatrial Visit to Amul Factory
	13	17-01-2023	Induatrial Visit to Adani Electricity



## **Industrial Visits**

### **Outside Maharashtra**

### **Visit to a shawl factory in Shimla**



## Educations Visits Within Maharashtra Visit to Mumbai Port Trust



## Visit to MTNL





## Visit to Camlin



## Education Tour to HP



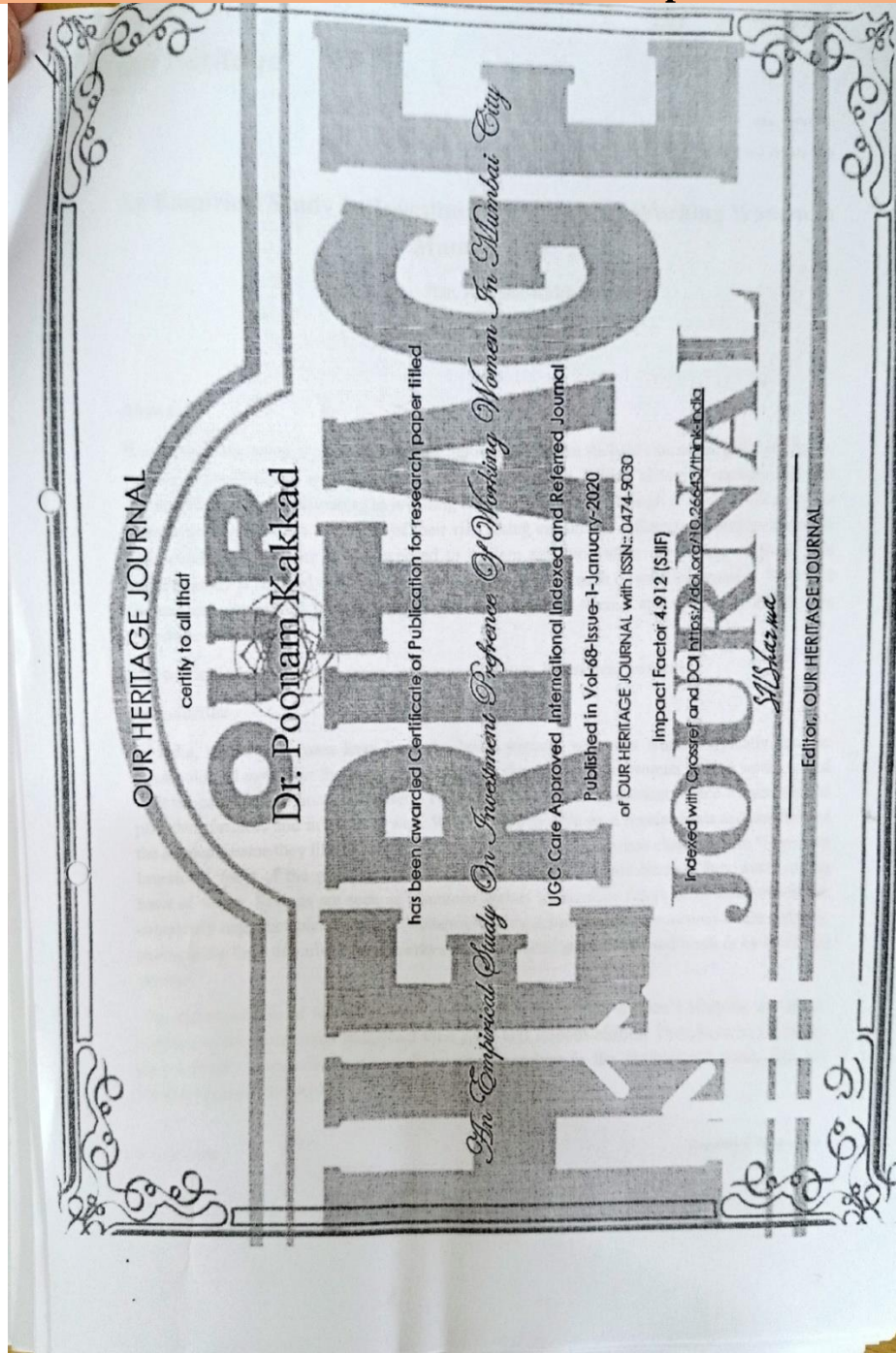
# **25 Steps For Effective Curriculum Planning and Delivery**

**Research/Review papers  
based on academics for  
effective curriculum  
delivery**

<b>Number of research based project topics carried out by students in Academic year 2022-2023</b>		
<b>Sr. No.</b>	<b>Programme</b>	<b>No. of research based project topics</b>
1	TYBMS	4
2	TYBAF	30
4	MCOM Part II	256
5	MSC IT	20



## Certificate of Research Paper



## **An Empirical Study on Investment Preference of Working Women in Mumbai City**

**\*Dr. Poonam Kakkad**

**\*\* Ms. Dimple Joshi**

### **Abstract**

Women in India are now actively participating in all activities such as education, politics, media, science and technology and becoming financial independent. With a changing scenario, women has started actively participating in investing their surplus money, though it all depends upon the various parameters such as degree of their risk taking capability, influence of family members and friends and the dare to get exposed to modern and innovative investment avenues. The research study is focused on the analysis of investment preference of working women . With that the research determines Women's awareness about different avenue and the factors affect their investment decision.

**Keywords-** Indian working women, investment avenues, investment awareness.

### **Introduction**

In India, traditionally men have been the bread winners where as women typically ran the household and saved for the rainy days. This was the scenario, till women started working and took the command of financial matters. Today holds the key to happiness; hence women should plan their finances and investment well. Women have to save on a regular basis and smallest of the surplus income they like to invest prudently. The role of women has changed from "Savers to Investors". Most of the working rural women have regular income because they work on the basis of wages. Savings are seen as insurance against foreseeable future difficulties which are completely unpredictable. Therefore women investors insure themselves against future risks by saving in the form of various investments such as deposits, gold, lands, and herds or by hoarding money.

The status and role of women is vacillating all over the world. Women's stepping out of the confines of the households multiplied their roles and responsibilities. They have to shoulders their domestic responsibilities as well as say themselves in the professional arena. But the balance between the two fronts is guileful exercise.



It has been assumed that investment is an area of men. Historically due to the culture prevalent in India and most of the wage earners being the male members of the family, women were not involved in investment related discussions and were not participating in the investment decision making process. Every government coming to power in India is promoting girl child education. With the increase in the education level of women and job opportunities available, women are finding more job opportunities in different sectors. Women by nature are savers and with a continuous increase in the number of working women, the number of women investors is on a rise.

Thus the study on the investment behaviour and savings pattern of employed women will be of great interest to all those who are involved in research, financial intermediaries and product creators. Findings of the research could help product developers to create products meeting the needs of women especially the employed women.

T. M. HEMALATHA & PAVITHRA.S (2018), in their research study they mention that 'Women should start thinking and understanding the importance of money, savings and its investment aspect to avoid critical situations at any stage of their lives. They need to develop skills to plan for their financial needs. Generally women tend to keep cash idle rather than investing it. They tend to think that this "idle cash" can be easily used to meet expenses beauty parlours, jewellery etc. The respondents of research study consists only those people who earning fixed Income as salary so the study included only salaried group of women employees. The Investment pattern of the salaried women employees is different due to safety, regular flow of income, tax saving benefits, security, retirement benefits rather than professionals and businessman. The study is based on savings and investment pattern of salaried women in Coimbatore district. The study is based on primary data which are collected by distribution of a close ended questionnaire. The data has been analyzed using percentage analysis, Friedman rank test.

U. Dr. R. Sellappan , Ms. S. Jamuna& Ms. Tnr. Kavitha, (2013) find out that married women are more curious in making investment than the unmarried. As well as the younger are mostly like to invest in shares mutual funds, insurance and fixed deposits than the older women. The middle age persons prefer to invest in real estate source of investment. So the government, Bankers and

Financial institutions can introduce lot of schemes of investment based on segmentation of the age and marital status factors to acquire more funds.

Satveer Kaur ( 2018) in their research study it is mention about the investors behaviour towards the various investment alternatives with special reference to Ludhiana city. The sampling method used was stratified random sampling technique with sample size as 500. The tool used for data collection was questionnaire. The tools used for the purpose analysis were simple percentage analysis and ranking method. It was concluded from study that respondents had chosen bank saving accounts as their first preference. The second place was occupied by life insurance, followed by fixed deposits. The fourth, fifth, sixth and seventh places were occupied by mutual funds, public provident funds, commodity market and equity market share market respectively. The least preference was given to government securities, followed by bonds, debentures and forex market respectively. The sample investors were considering safety as the important factor before making their investments. The investors were facing the constraint of time consuming process of investments.

Sarita Bahl (2012) conducted survey on investment behavior of working women in Punjab and concluded that 78% women in Punjab invested their savings and 22% women did not make investments and out of 78% women, most of women invested their money in insurance plans as they were not willing to take risk to attain gain and want to had a safe future.

Sanjay Das (2013) had examined small investor's perception on mutual funds in Assam and concluded that the mostly small investors had positive approach towards investing in mutual funds. The study also revealed that the female segment was not fully tapped and even there was low target on higher income group people. It was also revealed that liquidity, flexibility, tax saving, service quality and transparency were the factors which had a higher impact on the perception of investors. Therefore it was imperative on the part of fund managers to enhance these features for attracting more investors and also to retain the trust of investor in them.



Dr. Balwinder Singh et.al (2011) had made study on the determinants of investment decisions of working women and had found that working women rank basic saving purposes to be foremost consideration while investing. While investing, the family related matters such as children education, children marriage, life protection and medical expenses had a much more impact on the minds of married working women than on unmarried ones. The facility to encash the investments whenever required was also an important objective while deciding to invest. The working women were significantly influenced by marketing skills of investment advisors and she decided for investments on her own or on the guidance of her husband or other family members.

P. Parmashivaiiah, Puttaswamy and Ramya (2013) conducted a study in the city of Mysore, to understand the factors influencing investment decisions. The sample size for the study was 120 respondents. They used judgment and snow ball sampling to collect the data. The study was conducted in the first half of 2013 in the city of Mysore. Statistical tools used for analysing the data were Percentage, mean, standard deviation, Chi square test, F test, ANOVA and regression. Data was classified based on the demographic profile of the respondents. It was found that liquidity was the most important factor while choosing an investment portfolio as far as government employees and entrepreneurs were concerned.

### **NEED FOR THE STUDY:**

Many research studies have been conducted in the area of investments and savings habits of individuals and their preference for investment products based on the risk, return and demographic attributes. A large body of literature is available on investment pattern of individuals and comparisons have been made between the investment pattern and preferences of men and women. In most of the studies, the major respondents were male and the participation by women was low.

Most of the studies concentrated on men dominated world of investments. However, there is dearth of research studies on the investment pattern of women especially those who are employed and have their own source of income. An attempt is made to fill this research gap and an attempt is made to fulfil the need for a study on the investment pattern of employed women.

### **OBJECTIVES OF THE STUDY**



1. To have an understanding of the respondents saving pattern
2. To study the factors influencing decision of women for their investment preference
3. To study the popular investment avenue by working women

### SCOPE OF THE STUDY :

With the increase in the number of women investors and governments plan to push savings for girl children, there is going to be a substantial increase in investments by women. Government has opened all women banks to bring more women into the banking network, indicating the importance of savings by women. The study will be helpful to find out the ideal investment options for women. These findings could be useful to the financial product creators like banks, mutual fund houses, insurance companies, portfolio managers and other market intermediaries, to understand what an employed woman may be looking for, in a financial product while taking investment decisions.

### RESEARCH METHODOLOGY

**Research type:** The research is basically Empirical in nature

**Research design:** A empirical research design study was used in this study.

**Data collection source:** The data for the study were collected from the both primary and secondary sources. Primary data were gathered using questionnaire as a tool for data collection. Secondary data were collected from books, financial journals and magazines, reports, newspapers, websites and expert opinion published in various print media. For this purpose the library and Internet were used.

### Methods of data collection:

Respondents of various age groups with different educational background and employed in various sectors with varied experience level were approached to fill up the questionnaire. The respondents were primarily employed in private, public and government owned companies. Some business women and professionals were also approached for the survey. Questionnaire was electronically mailed to those who could not be personally reached and those who preferred the questionnaire in electronic form.

**Sample size:** Total 100 respondents were surveyed in Mumbai city

**Sampling technique:** In this case non probability method of convenience method of sampling is used.

**Sampling area:** The sampling area was only in Mumbai.

**Analysis techniques:** Diagrams and tables were used to describe the performance of different financial instruments. The tools used for the purpose of analysis were simple percentage analysis and chi square test to test the hypothesis

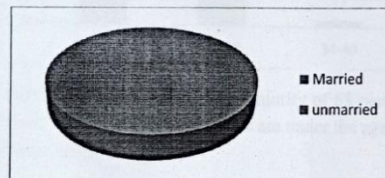
**Limitation of the study:**

1. This is an academic effort and it is limited to cost, time and geographical area. As the data is collected from 100 respondents only, generalization to other women investors is inevitable.
2. An interpretation of this study is based on the assumption that the respondents have given correct information.

#### **DATA ANALYSIS AND INTERPRETATION**

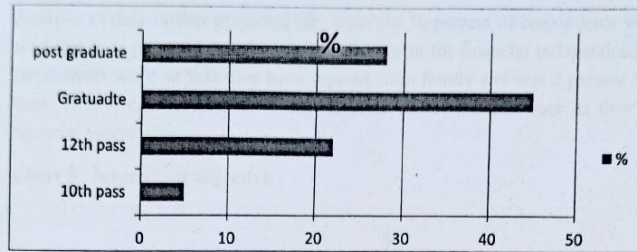
Respondents are categorized based on the demographic attributes and other variables which could help in understanding and identifying patterns and relationships as per the objectives of the study.

**Chart 1. Marital status of respondents:**



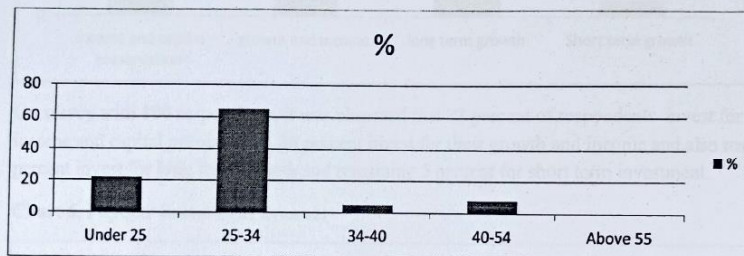
The pie chart consists of married and unmarried female population. The married population represents 74 percent and unmarried population represents 26 percent.

**Chart 2. Level of education of respondents:**



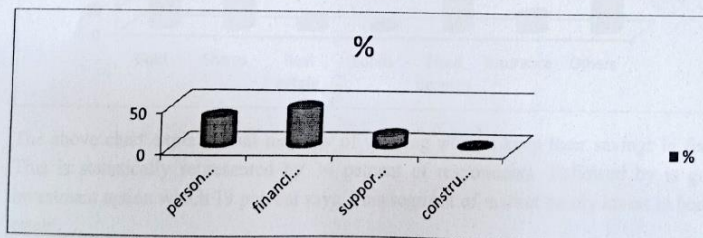
The above chart depicts that the level of education of the respondents. 5 percent of respondents are 10<sup>th</sup> pass, 22 percent of respondents are 12<sup>th</sup> pass, 45 percent of respondents are graduate and 28 percent are post graduate.

Chart 3. Respondents age group:



Out of the total respondents a majority of 65 percent of respondents are of age group between 25-34, 22 percent of respondents are under the age of 25 and 5 percent of respondents are in 40-54 age group.

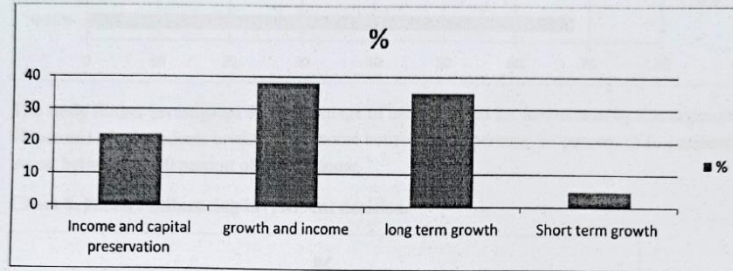
Chart 4. Factor that motivate women to work:





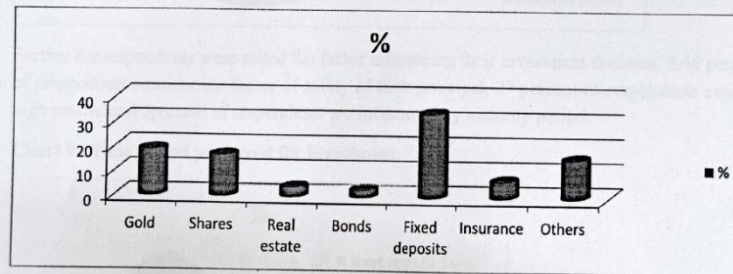
Analysis of data further projected that there are 36 percent of respondents who are motivated to work for their personal satisfaction and 47 percent for financial independence and 15 percent of respondents work so that they have support from family and rest 2 percent want to utilize their time. Thus it can be concluded that majority of respondents work as they want to have their financial independence.

**Chart 5. Investment objective**



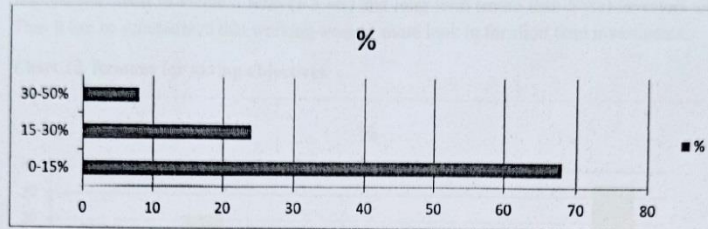
On survey with 100 respondents, it was observed that 22 percent of respondents invest for income and capital preservation, 38 percent invest for their growth and income and also rest 35 percent invest for long term growth and remaining 5 percent for short term investment.

**Chart 6. Popular investment avenue:**



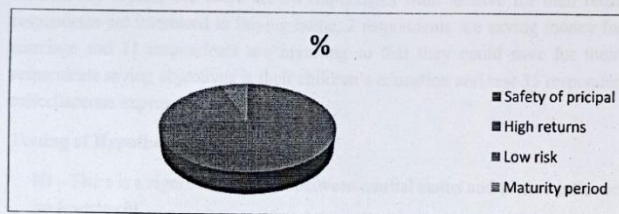
The above chart explains that majority of working women keep their savings in fixed deposit. This is statistically represented by 34 percent of respondents. Followed by is gold as next investment option which 19 percent says. This segment of market hardly invest in bonds and real estate.

Chart 7. Percentage of income opted for investment.



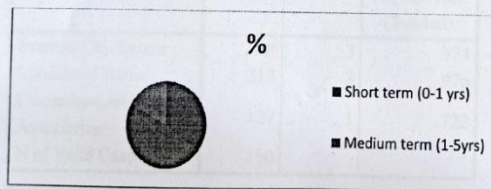
The study further investigated that percentage of income opted for investment by this segment. 68 percent of respondents invest their income between 0-15 percent, 24 percent of respondents invest between 15-30 percent of their income.

Chart 8. Factors influencing investment decision.



Further the respondents were asked the factor influencing their investment decision. 3.46 percent of respondents consider the factor of safety of their principal, 27 percent of respondents expects high returns and 6 percent of respondents are influenced by maturity period.

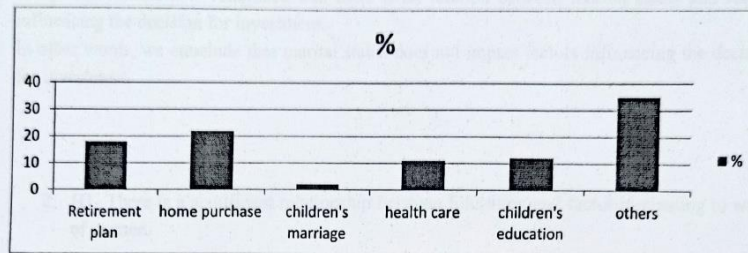
Chart 9. Time period preferred for investment.





The chart reflects that out of 100 respondents 35 of respondents prefer short term (0-1 yrs), 48 respondents invest in medium term (1-5 yrs) and long term (more than 5 yrs) investors are 17. Thus it can be summarized that working women more look in for short term investments.

**Chart 10. Reasons for saving objectives**



The survey depicts that there are 18 respondents want to save for their retirement, where 22 respondents are interested in buying home, 2 respondents are saving money for their children's marriage and 11 respondents are investing so that they could save for their health care, 12 respondents saving objectives is their children's education and rest 35 respondents are saving for miscellaneous expenses.

**Testing of Hypotheses:**

1. H1 - There is a significant relation between marital status and factors influencing the decision for investment .

H0 - There is no significant relation between marital status and factors influencing the decision for investment

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	.220 <sup>a</sup>	3	.974
Likelihood Ratio	.213	3	.976
Linear-by-Linear Association	.127	1	.722
N of Valid Cases	100		

a. 2 cells (25.0%) have expected count less than 5. The minimum expected count is 1.56.

Since here,  $p\text{-value (Asymp. Sig.)} = .974 > 0.05$ , as we fail to reject the null hypothesis we accept  $H_0$ . Hence, it is concluded that there is no relation between marital status and factors influencing the decision for investment.

In other words, we conclude that marital status does not impact factors influencing the decision for investment.

2.  $H_1$ - There is a significant relationship between Education and factor motivating to work of women.

$H_0$ - There is no significant relationship between Education and factor motivating to work of women.

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	10.532 <sup>a</sup>	9	.309
Likelihood Ratio	10.965	9	.278
Linear-by-Linear Association	.081	1	.775
N of Valid Cases	100		

a. 9 cells (56.2%) have expected count less than 5. The minimum expected count is .10.

Since here,  $p\text{-value (Asymp. Sig.)} = .309 > 0.05$ ,  $H_0$  is accepted. Hence, it is concluded that there is no relation between education and factor motivating to work of women. In other words, we conclude that education does not impact factor motivating to work of women.

3.  $H_1$ - There is a significant relation between marital status and factors influencing the decision for investment .



H<sub>0</sub> - There is no significant relation between marital status and factors influencing the decision for investment

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	.220 <sup>a</sup>	3	.974
Likelihood Ratio	.213	3	.976
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N of Valid Cases	100		

a. 2 cells (25.0%) have expected count less than 5. The minimum expected count is 1.56.

Since here, p-value (Asymp. Sig.) = .974 > 0.05, H<sub>0</sub> is accepted. Hence, it is concluded that there is no relation between marital status and factors influencing the decision for investment. In other words, we conclude that marital status does not impact factors influencing the decision for investment.

#### **CONCLUSION AND SUGGESTIONS**

It will useful to know about the financial and physical assets held by employed women in order to assess their needs and preferences. The present study on investment pattern of women is carried out with an aim to find and study the investment pattern of employed women, based on the current investment held by them.

The study also makes an attempt to know the financial literacy level of employed women and its influence on their Investment pattern. Further attempt is made to find the financial products preferred by women and the attributes which influence their investment decisions.

It was found that there was near equal proportion of women who were graduates, professionals and post graduates, indicating that the participants were well qualified. It was found that in spite of being highly qualified, women considered themselves to be having a low level of financial literacy. This could be due to the dominance of men in decisions related to finance. In younger age it is father and brothers who take investment decisions on their behalf and this leads to lack of participation by women in financial matters. Post marriage the spouse dominates or influences

the investment decisions. This domination of male members reduces the enthusiasm of women to get educated about investment related matters.

Once a woman is married there is change in the decision making process. It was found that majority of the respondents were married (66.8%). Majority of the respondents were from the age group of 26 to 35 years and Indian women in this age group are generally married. Historically investment decisions are taken by the male members in spite of women having independent income. Study found that married women consulted their spouse while taking investment decisions.

The study explains that women generally invest in funds which generates incomes in long term but invest in avenues which are medium and short term current income generation. Most of the women cannot take risk and so they cannot wait for improvement as they are not very high risk takers with decrease in portfolio value.

### Suggestions:

1. Women should be encouraged to invest in more avenues and participate in the investment avenues which involves high risk and high returns.
2. Women should focus on making a formal financial plan to have focus on the financial goals.
3. Women should increase their awareness level of portfolio diversification to spread their risk.
4. Women should recognize their financial independence and plan for future to make it better.
5. Investment decisions of individuals are driven by multiple factors and it was found that the financial literacy level of employed Women was low.
6. It is suggested that the financial products creators, marketers and regulators should try to increase the financial literacy level of women by conducting training programs and workshops on regular basis either independently or through their employers.

**\*Dr. Poonam Kakkad, Assistant Professor at Nirmala Memorial Foundation College of Commerce and Science, University of Mumbai**

**\*\* Ms. Dimple Joshi, Third year students of B.Com (A & F) at Nirmala Memorial Foundation College of Commerce and Science, University of Mumbai**

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## Consumer Preference for e Payments – A Way For Sustainable Development in Commerce

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Rupali Ekbote

TYBMS student at Nirmala Memorial Foundation College of Commerce and Science

### ABSTRACT

*The present paper studies the preferred mode of payment of consumers at retail outlets. Data was collected from 100 respondents through survey method. Structured questionnaire was used to collect data. The findings of the study depicts that maximum of the consumers used cash as the mode of payments at retail outlets. The hypothesis test proved that there is no significant difference between gender and preference on mode for making payment. The findings further showed that there is no significant difference between gender and reason for not using mobile phones.*

*Keywords – mode of payment, reason for non use of mobile app for retail payments.*

### INTRODUCTION

The way that a buyer chooses to compensate the seller of a good or service that is also acceptable to the seller. Typical payment methods used in a modern business context include cash, checks, credit or debit cards, money orders, bank transfers and online payment services.

US studies show that in 2018, U.S. consumers made 72 payments per month on average, not a significant change from 2017. As in 2017, the most frequently used payment instruments were debit cards (34 percent of all transactions), cash (24 percent), and credit cards (23 percent). Over the 11 years of the survey, debit, cash, and credit have consistently been the most popular ways to pay. For the first time in 2018, debit cards replaced cash as the payment instrument used most frequently for in-person purchases. The above study induced the researcher to study the preference of Indian consumers for mode of Payment at retail outlets.

### REVIEW OF LITERATURE

George (1995), "The card majors lead the way" shows that VISA and Master Card play a major role in any international payment system. Both VISA and Master Card act also as franchisers, lending their names to member banks' card and acting as guarantor of payment to merchants willing to accept the cards. For this and for handling transactions, VISA and Master card charge a fee which varies from country to country, but is approximately 3 cents (90 paisa) per transaction. They are card clearing agencies. VISA and Master card each have nearly 22000 banks all over the world as their members and handle several million transactions each day. This gives them a transaction handling capability unmatched by any individual bank. They are not credit card companies but function on the line to provide a global network that allows authorization, clearing and settlement of card transactions, both of credit and debit cards.

Natarajan and Manohar (1993) "Credit Cards—an Analysis". A study has been attempted to know that to what extent the credit cards are utilized by the cardholders and the factors influencing the utilization of credit cards. The study is confined to cards issued by the Canara Bank. A random sampling technique is used to collect the data. Ten components i.e. numbers of purchases, shops, percentage of purchases, place, frequency, type of product, type of services, cash withdrawal facilities, add on facility, insurance schemes are identified and used for the measurement

Radhakrishana (1996) study on "DEBIT CARDS" shows that the debit cards also have found wide acceptability than credit cards because of assurance of payments to retailers, switching of cardholders to debit card because of using interest free period to avoid high interest cost, annual charges as compared to debit cards etc. The study shows that the growth of service industry in the country, electronic fund transfer, point of services offer a large potential for banks to cutting down cost associated with the

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paper based clearing and payment services. The introduction of debit cards can take place subsequently and the objective should be to attain a critical mass in issuing number of such cards so that the operation becomes cost effective

Chakravorti (2003), "Theory of credit card networks: A survey of the literature" shows that credit card provide benefits to customers and merchants not provided by other payment instruments as evidenced by their explosive growth in the number and value of transactions over the last 20 years. Recently, credit card networks have come under scrutiny from regulators and antitrust authorities around the world. The cost and benefits of credit cards to network participants are discussed. Focusing on interrelated bilateral transactions several theoretical models, have been constructed to study the implications of several business practices of credit cards networks.

Gupta (2003) "Legal and regulatory framework of credit cards" asserts that the regulations of credit card business in India is diffused and need to be streamlined. Whereas in developed countries the law on credit card business is comprehensive and straight forward, its Indian version requires a structural change. Hence, there is a need to explore that various legislative premises of the inferior and unclear Indian version for protection of interest of cardholders and healthy growth of the industry.

Saha (2003), "The booming credit card business of Indian banker." In this study analysis has been done of the credit card business in India. Article is both from the banker point of view and from the users point of view. It is estimated that the credit card volume is increasing around 15% p.a. on average for last 10 years and volume of transaction increased by 20% on an average in last 10 years in India. Various hypothesis and objectives are set to find out which bank offer varieties of services to consumer in relation to credit card. A comparative analysis is made for all the credit cards. In general, most of the credit card is doing very well and the competition is cut throat. Different factors such as income level, fees customers' service network, add on card facility, revolving credit facility, insurance facilities, and cash withdrawal charges, lost cards.

Jagdeesh (2005), "Credit card fraud: causes and cures from professional's perspective." Put a light on credit card fraud which is increasing worldwide. The culprit is not only the outsiders but insider fraudsters who cheat their organization to make quick buck. Bank credit card issuers lose about \$1.5 to \$ 2 billion every year because of fraud. The VISA and the Master Card, the two largest credit card issuers lose most. Major credit card frauds like unauthorized use of credit cards, on line frauds, shave and paste of card, counterfeiting, mail order fraud are the techniques used by the fraudster. The author also discusses the tips for prevention of frauds like using smart cards, computer edits, PIN numbers, and suggests that it is in their own interest that the cardholders should keep their cards safely and use the cards wisely to protect themselves from frauds.

Sant (2005), "Credit cards emerging Trends and Prospects" shows benefits, growth/potential growth, usage pattern, technological changes, delinquency rates, and fraud settlement, by the credit card companies. Survey shows that spend per card in India are very low at around Rs. 20,000 per year against international average of around \$900 (i.e. about Rs. 40,000) per year per card. Demands have increased for higher quality and level of services. Major card issuers in India, domestic and foreign, are currently busy racking their brains in trying to protect their organizations from frauds. To overcome this problem a new technology i.e. "Smart-Card" that allows for greater security against fraud. Authors feels that with the establishment of credit information bureau of India Ltd. (C/B/L) customer had motivation to maintain good credit history and helps in lowering of delinquency rates. Article also shows that credit card industry grows by 37% with ten million cards in circulation.

#### OBJECTIVES OF THE STUDY

- To study on awareness of various payments method to consumer at retail outlet.
- To find out which payment method mostly used in retail market.
- To study reasons for using a particular payment method.

#### RESEARCH METHODOLOGY

The present study is exploratory in nature to provide a clear guidance for empirical search. A study of related and pertinent books and articles along with clues for further investigation lead to formation of workable hypotheses.

The researcher also presents it as descriptive research where focus is on fact finding investigation with adequate interpretations. It is designed to gather descriptive information for formulating studies that are more sophisticated data is collected through primary and secondary method. For testing hypotheses and interpreting relationships, analytical study is used. Thus the study makes use of a quantitative research approach. It was chosen because quantitative research allows the researcher to examine the relationships and differences among variables.

#### Source of data

The present study is based on secondary and primary data which was collected using questionnaire method.

#### Sample unit

Out of the universe of consumers, consumers with the age group between 18 and 30 years are the sample unit of the study.

#### Sample size

Using convenient sampling technique a sample size of 100 youth is taken into consideration.

#### Data collection

The data was collected using questionnaire. The questions included the items on reasons for using different type of payment and which payment is use mostly by consumers in retail outlets. Open ended questions were included in the questionnaire to get answers of the objective laid down in the study

#### Data analysis

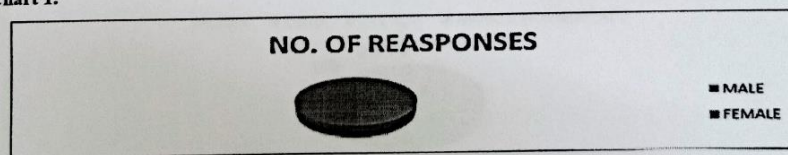
The application of statistics tools and techniques for the data collected by means of questionnaire is classified, tabulated analysed and summarised with the help of statistical tool percentage method.

#### DATA ANALYSIS AND INTERPRETATION

Table 1. Gender composition

Gender	Number of responses	Percentage
Female	50	50
Male	50	50
Total	100	100

Chart 1.

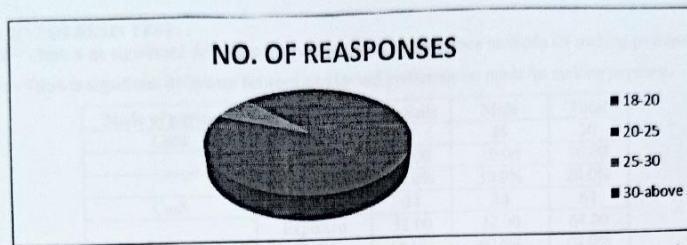


The study was conducted by a survey with sample size of 100 respondents which comprised of 50 male and 50 female.

Table 2 Gender composition

Age	Number of respondents	Percentage
18-20	39	39.00
20-25	42	42.00
25-30	07	7.00
30-above	12	12.00
Total	100	100





The above table and chart gives description of the respondents for the study. Maximum number of respondents were from the age group of 20 to 25 years.

**Table 3. Awareness of various mode of payments among consumers**

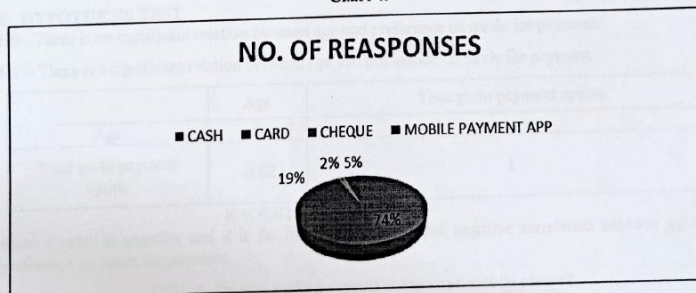
Particular	Yes	No
Cash	100	00
Plastic cards	100	00
Cheque	100	00
Mobile app payments	56	44

The above table showcase that only 56 percent of total respondents are aware of mobile app as mode of payment. Respondents are well aware of other modes of payments.

**Table 4. Mode of payment you use when making purchase in store**

Particular	Number of responses	Percentage
Cash	74	74.00
Card	19	19.00
Cheque	02	02.00
Mobile payment app	05	05.00
Total	100	100

**Chart 4.**



The above table depicts that out of the total respondents, a maximum of 74 percent uses cash for retail outlet payments and 19 percent uses plastic cards only 5 percent uses mobile app payments. This concludes that maximum of consumers are prone to use cash more than cards for payments.

### 1. HYPOTHESIS TEST:

H0 – There is no significant difference between gender and preference on mode for making payment.

H1 - There is significant difference between gender and preference on mode for making payment.

Mode of payment		Female	Male	Total
Card	Observed	5	15	20
	Expected	10.00	10.00	20.00
	% of column	10.0%	30.0%	20.0%
Cash	Observed	34	30	64
	Expected	32.00	32.00	64.00
	% of column	68.0%	60.0%	64.0%
Cheque	Observed	2	2	4
	Expected	2.00	2.00	4.00
	% of column	4.0%	4.0%	4.0%
Mobile payment app	Observed	9	3	12
	Expected	6.00	6.00	12.00
	% of column	18.0%	6.0%	12.0%
Total	Observed	50	50	100
	Expected	50.00	50.00	100.00
	% of column	100.0%	100.0%	100.0%
		8.25	chi-square	
		3	df	
		.0411	p-value	

Since, here,  $p\text{-value} < 0.05$  for gender and preference on mode for making payment, H0 is rejected. Hence, it is concluded that there is a significant difference between the gender and preference on mode for making payment. In other words, the preference on mode for making payment differs gender-wise.

### 2. HYPOTHESIS TEST

H0 - There is no significant relation between age and preference on mode for payment.

H1 – There is a significant relation between age and preference on mode for payment.

	Age	Your go-to payment option
Age	1	
Your go-to payment option	-0.02	1

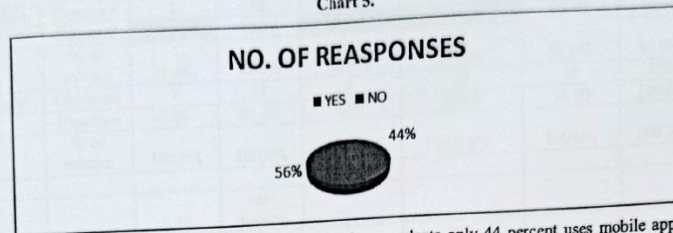
$$R = -0.02$$

Since  $r$  value is negative and it is far from -1, there is weak negative correlation between age and preference on mode for payment.

Table 5. Do you make payment using your mobile phone?

Particular	Number of responses	Percentage
Yes	44	44.00
No	56	56.00
Total	100	100

Chart 5.

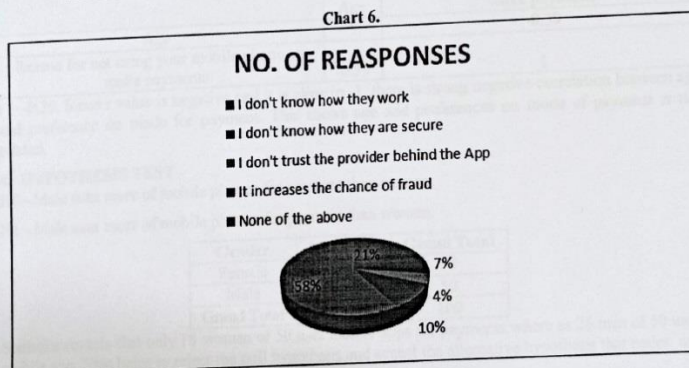


The above table is self-explanatory that of the total respondents only 44 percent uses mobile app for payments.

Table 6. Reason for not using your mobile phone to make payments

Particular	Number of responses	Percentage
I don't know how they work	21	21.00
I don't know how they are secure	07	07.00
I don't trust the provider behind the app	04	04.00
It increases the chance of fraud	10	10.00
None of the above	58	58.00
Total	100	100

Chart 6.



### 3. HYPOTHESIS TEST

H0- There is no significant difference between gender and reason for not using mobile phones.

H1 - There is a significant difference between gender and preference on mode for making payment.

		I don't know how they are secure	I don't know how they work	I don't trust the provider behind the app	It increases the chance of fraud	None of the above	Total
Female	Observed	5	11	2	8	24	50
	Expected	3.50	10.50	2.00	5.00	29.00	50.00
	% of column	71.4%	52.4%	50.0%	80.0%	41.4%	50.0%



Male	Observed	2	10	2	2	34	50
	Expected	3.50	10.50	2.00	5.00	29.00	50.00
	% of column	28.6%	47.6%	50.0%	20.0%	58.6%	50.0%
Total	Observed	7	21	4	10	58	100
	Expected	7.00	21.00	4.00	10.00	58.00	100.00
	% of column	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
		6.66	chi-square				
		4	df				
		.1551	p-value				

Since, here,  $p\text{-value} > 0.05$  for gender and reason for not using mobile phones,  $H_0$  is accepted, which says we fail to reject the null hypothesis. Hence, it is concluded that there is no significant difference between the gender and reason for not using mobile phones. In other words, the reason for not using mobile phones has nothing to do with gender of respondents.

### 3. HYPOTHESIS TEST

$H_0$  - There is no significant relation between age and non use of mobile phones for payment.

$H_1$  - There is a significant relation between age and non use of mobile phones for payment.

	Age	Reason for not using your mobile phone to make payments
Age	1	-0.39
Reason for not using your mobile phone to make payments	-0.39	1

$r = -0.39$ . Since  $r$  value is negative and it is close to -1, there is strong negative correlation between age and preference on mode for payment. This shows age and preferences on mode of payment is not related.

### 4. HYPOTHESIS TEST

$H_0$  - Male uses more of mobile phones for payment than women.

$H_1$  - Male uses more of mobile phones for payment than women.

Gender	No	Yes	Grand Total
Female	32	18	50
Male	24	26	50
Grand Total	56	44	100

Statistics reveals that only 18 women of 50 uses mobile apps for payments where as 26 men of 50 uses mobile app. This helps to reject the null hypothesis and accept the alternative hypothesis that males use mobile phone higher than women.

### CONCLUSION AND SUGGESTIONS

Today's consumer in the form of payment for every purchase, mostly people are using cash. Out of 100% there are 90% people which are going for cash payment, only 10% people are using other modes of payment. The use of debit card, credit card, mobile payment is still less in proportion to Cash payment.

After studying it was found that by asking some fluent question to consumers in retail outlet they don't use cashless payment or other Payment method because most people are unaware about cashless payment or other modes of payment and also because of illiteracy of Indian people they can't understand digital or mobile payment, they afraid of being fraud.



The study suggested that the various cashless payment method are possibly improving consumers knowledge about various types of payment method and this leads to maximising the cashless payment method period by period.

**Suggestions are as follows:**

- Popularizing the different method of payment to consumers.
- Educate awareness about Debit card, credit card and mobile payment or online payment.
- Providing knowledge of other payment method and also how they are beneficial toward consumer.
- Provide knowledge of different services provided in retail outlet.

**LIMITATIONS OF THE STUDY**

The study is confined to small geographic area, limited sample size and hence the findings cannot be generalised. Due to time and money constraints the geographic area and sample size was limited.




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- <https://www.deserve.com/credit-education/the-different-types-of-payment-cards/>
- <https://us.nxgen.com/advantages-and-disadvantages-of-different-payment-types/>
- <https://www.managementstudyguide.com/types-of-retail-outlets.htm>

# **25 Steps For Effective Curriculum Planning and Delivery**

**National and  
International  
conferences for effective  
curriculum delivery**


Mic and Speaker muted A computer in the room has already joined the meeting. Your mic and speakers were muted to prevent an echo. Unmute mic and speakers Dismiss

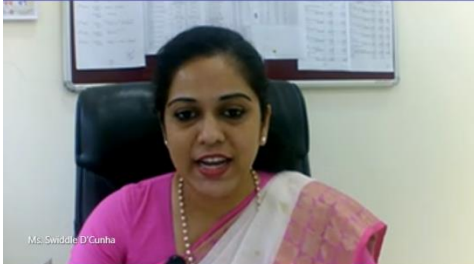

**University of Mumbai**  
**Nirmala Memorial Foundation College of Commerce & Science**  
**And**  
**Andhra Loyola Institute of Engineering and Technology**  
**Welcomes the Delegates for**  
**One day International Conference on Multidisciplinary Approach to Innovation Prospects and Challenges in Modern**

00:27 Turn on your speakers to hear the meeting. Take control of the presentation



NMFC Webinar



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Ms. Swadha D'Cunha DR RAJESH (Guest)

DR RAJESH (Guest)

03:02 Turn on your speakers to hear the meeting. Show participants



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**People** X  
 Share invite  
 Currently in this meeting (32)  
 DM Dr. Megha (Guest)  
 AR annie rupla (Guest)  
 AS Avishkar Shamrao Surpam (...)  
 B Bhavna (Guest)  
 CL Ch.Madhavi Latha  
 DK Dr Poonam Kakkad (Guest)  
 DR DR RAJESH (Guest)  
 DD Dr. Jignesh Dalal (Guest)  
 HM H Mehta (Guest)  
 HR Harshavardhan Reddy (Guest)  
 HA Heleena Milton Alphanso (G...  
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 JS Jaheerunnisa begum Shaik (...

**NIRMALA MEMORIAL FOUNDATION COLLEGE OF COMMERCE AND SCIENCE**  
**KANDIVALI (EAST) – MUMBAI - MAHARASHTRA**

**IT 1 | Ten Emerging Behaviors of Indian Consumers**

- Consumers who check at least two data points across all categories before they buy: 85% **Information shopping**
- Consumers whose key reason to buy a product in any category is to stay up to date with the latest trends: 62% **Shopping to stay up to date**
- Consumers who adopt habits, such as eating prepackaged food or shopping online, that create time for other activities: 57% **Adoption of time-saving services**
- Consumers who spend on services, food, or gadgets related to health focus: 57% **A full-on embrace of health and wellness**
- Consumers who have chosen to pay extra to get a customized version of a product: **Growing interest in customized products**

**People**

- Currently in this meeting (12)
- DM Dr. Megha (Guest)
- AR annie rupla (Guest)
- CL Ch.Madhavi Latha
- DP Dr. C B V Krishna Prasad (Guest)
- DM Dr. Megha (Guest)
- HA Heleena Milton Alphanso (Guest)
- LP lavanya pb
- NR Nehaa Rupla (Guest)
- N Ninoshka (Guest)
- RT rayudu thunga (Organiser)
- RT Ridhisha Tarkari (Guest)
- VT Varsha Tandel (Guest)

**A STUDY ON SOCIAL ENTREPRENEURS AND THEIR CONTRIBUTION TOWARDS SOCIETY**

**AUTHORS: HELEENA MILTON ALPHANSO, RESEARCH SCHOLAR**

**DR. MEGHA K JUVEKAR, RESEARCH GUIDE**

Press Ctrl+Shift+M to unmute your microphone.

**People**

- Currently in this meeting (13)
- DM Dr. Megha (Guest)
- AR annie rupla (Guest) On hold
- CL Ch.Madhavi Latha
- DP Dr. C B V Krishna Prasad (Guest)
- DM Dr. Megha (Guest)
- HA Heleena Milton Alphanso (Guest)
- LP lavanya pb
- NR Nehaa Rupla (Guest)
- N Ninoshka (Guest)
- RT rayudu thunga (Organiser)
- RT Ridhisha Tarkari (Guest)
- RT Ridhisha Tarkari (Guest)
- VT Varsha Tandel (Guest)



# **25 Steps For Effective Curriculum Planning and Delivery**

**Effective academic  
sessions for newly  
appointed teachers**

## Academic Session Plan Semester wise

### Nirmala Memorial Foundation College of Commerce and Science Academic Session Plan Term II 2022-23

Day	Time	Sylvia Ma'am	Swiddle Ma'am	Poonam Ma'am
Monday	12.00 noon to 12.30 pm		SYBMS-IMC-AC	FYBMS-POM-DISHA
	12.30 pm to 1.00 pm		TYBMS-RM-NG	FYBMS-POMGT/SYBAF-FC-IV-MM
Tuesday	12.00 noon to 12.30 pm		FYBMS-B.ENV-ZK	SYBMS-RM-AD/NG
	12.30 pm to 1.00 pm		FYBMS-FCII-AD	SYBMS-BRM-SM/AC
Wednesday	12.00 noon to 12.30 pm		SYBMS-CM-SM	SYBMS-PTQM-NG/AC
	12.30 pm to 1.00 pm		TYBMS-OD-NG	TYBMS-BM-AC
Thursday	12.00 noon to 12.30 pm		TYBMS-HR-SSM-SM	TYBMS-MPM-AD
	12.30 pm to 1.00 pm			
Friday	ISO and NAAC			
Saturday	12.00 noon to 12.30 pm			



*QdH*

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NIRMALA MEMORIAL FOUNDATION  
COLLEGE OF COMMERCE & SCIENCE  
KANDIVALI (EAST), MUMBAI - 400 101.

## Minutes of Academic Session



Nirmala Memorial Foundation College of Commerce & Science

### MINUTES OF ACADEMIC SESSION

DAY	Thursday
DATE	12/01/23
FACILITATOR	Principal- Ms. Suddhe D'unha
ATTENDEES	Ms. Sneha Mishra
PROGRAM	TyBMS (HR)
COURSE	HR-SSM
TOPIC COVERED	Relationship marketing and service encounter
DISCUSSIONS	Proactive customer service, loyalty programs, encouraging feedback etc was discussed.
ACTION PLAN	will be incorporated as discussed.

SIGNATURE OF ATTENDEES

- 1)
- 2) \_\_\_\_\_
- 3) \_\_\_\_\_

ISSUED BY: CA DIYA MUKHERJEE



SIGNATURE OF MENTOR

H/C PRINCIPAL  
NIRMALA MEMORIAL FOUNDATION  
COLLEGE OF COMMERCE & SCIENCE  
KANDIVALI (EAST), MUMBAI - 400 101.



Nirmala Memorial Foundation College of Commerce & Science

MINUTES OF ACADEMIC SESSION

DAY	Tuesday
DATE	7/3/23
FACILITATOR	Ms Swidale D'curha
ATTENDEES	Ms. Twila D'curha
PROGRAM	FYBMS / FYBAF
COURSE	Foundation course - II
TOPIC COVERED	Unit 4:- understanding stress & comfort. Syllabus completed till date.
DISCUSSIONS	Agents of socialization, aggression & violence; QB given to the students, tips to complete the syllabus.
ACTION PLAN	will be incorporated during lectures.

SIGNATURE OF ATTENDEES

- 1)
- 2) \_\_\_\_\_
- 3) \_\_\_\_\_

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SIGNATURE OF MENTOR

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KANDIVALI (EAST), MUMBAI - 400 101.





Nirmala Memorial Foundation College of Commerce & Science

MINUTES OF ACADEMIC SESSION

DAY	Friday
DATE	3 <sup>rd</sup> March, 2023.
FACILITATOR	Ms. Swidolle D' Cunha
ATTENDEES	Ms. Zeal Kanani
PROGRAM	FYBMS
COURSE	Business Environment
TOPIC COVERED	LPG, NEP 1991
DISCUSSIONS	- Practical Aspects that led to LPG. - Current Impact of LPG
ACTION PLAN	- Inculcating practical examples.

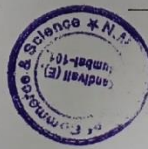
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KANDIVALI (EAST), MUMBAI





Nirmala Memorial Foundation College of Commerce & Science

MINUTES OF ACADEMIC SESSION

DAY	Thursday
DATE	19/1/2023
FACILITATOR	Dr. poornam kakkad
ATTENDEES	Ms. Twiss D' Cunha.
PROGRAM	TYBMS (Marketing)
COURSE	MPM
TOPIC COVERED	Reference book discussed, strategies for effective completion of the syllabus. unit 1: overview of media & media planning.
DISCUSSIONS	Discussion on last 5 years papers, videos related to diff. media, role of media in business media planning process & impact.
ACTION PLAN	use of ICT, videos and examples will be incorporated in the classroom.

SIGNATURE OF ATTENDEES

1)

2)

3)

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KANDIVALI (EAST), MUMBAI - 400 101.

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SIGNATURE OF MENTOR





MINUTES OF ACADEMIC SESSION

DAY	Tuesday
DATE	21-2-2023.
FACILITATOR	Dr. Poonam Kakkad
ATTENDEES	1) Ms. Nilam S. 2) Ms. Avis D. 3) Ms. Disha J.
PROGRAM	SYBMS (Marketing)
COURSE	Rural Marketing
TOPIC COVERED	1) ICT tool for Revision 2) Unit 4.
DISCUSSIONS	1) Communication Strategies, Challenges in rural communication. Determining communication objectives. 2) Revision Strategy. 3) Rural mass media- case studies.
ACTION PLAN	1) Completion of the syllabus 2) Revision for external exam

SIGNATURE OF ATTENDEES

1) Nilam S.  
2) Avis D.  
3) Disha J.

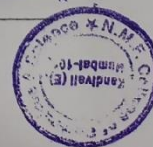
SIGNATURE OF MENTOR

Poonam Kakkad

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# **25 Steps For Effective Curriculum Planning and Delivery**

## **Peer learning**











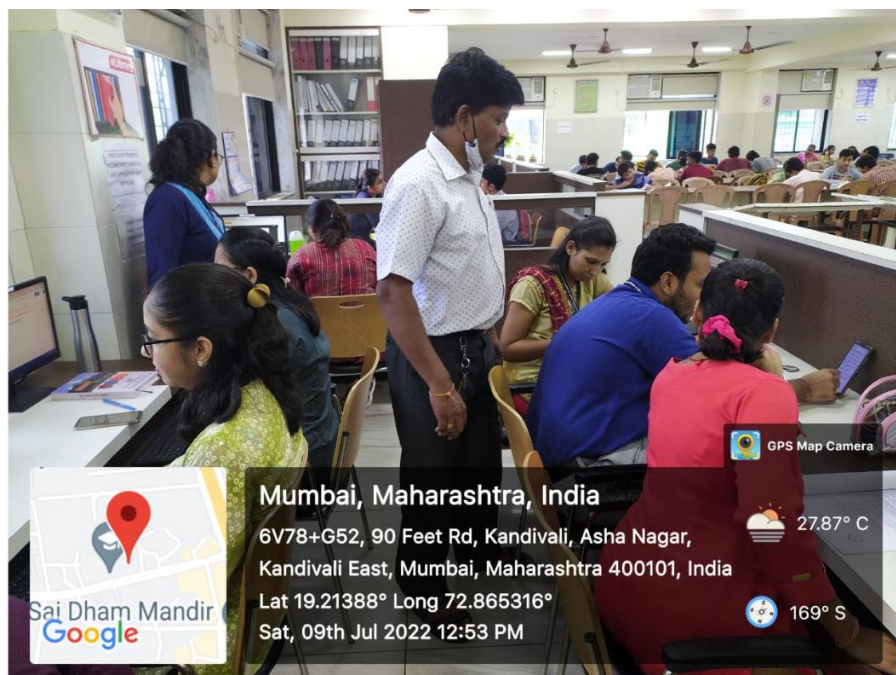




# **25 Steps For Effective Curriculum Planning and Delivery**

## **Faculty Training and Development**

### Training session on “The use of N-List”

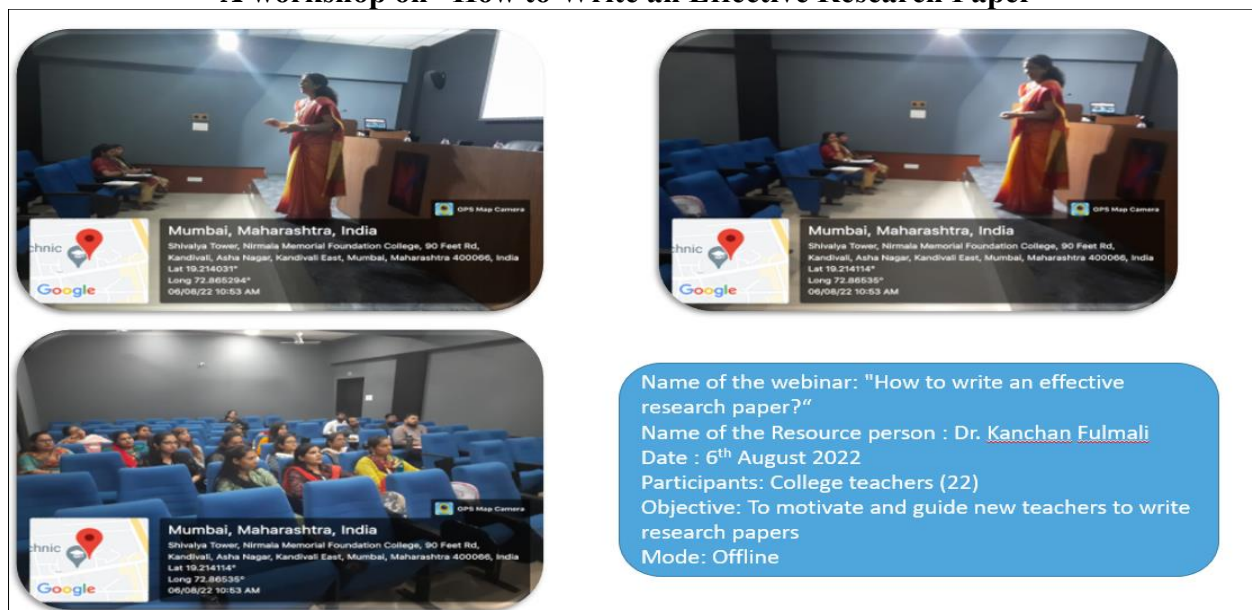


The Internal Quality Assurance Cell of the college in association with the Library Committee had organised hands on training session on “The use of N-List”. The training session was scheduled on Saturday, 9th July, 2022 at 12.30 pm in the college Library, (8th Floor).

Mr. Ravindra Pawar, the college librarian conducted the training session.

A total of 22 Staff members attended the session and availed the benefit.

### A workshop on “How to Write an Effective Research Paper”



Research Cell along with IQAC organised a session on **"How to write an effective research paper?"** on 8th August 2022. Dr. Kanchan Fulmali, Professor from Dhanukar College was invited to guide the faculty members on the same. The prime objective of the session was to give valuable insight about making and publishing the research paper. Around 20 faculty attended the session. The main objective was to guide new teachers to write the research papers.

**An educational session (seminar) on “Signs of Identification on Counselling Need for Students”**



The Internal Quality Assurance Cell organised an educational session (seminar) on “Signs of Identification on Counseling Need for Students”.

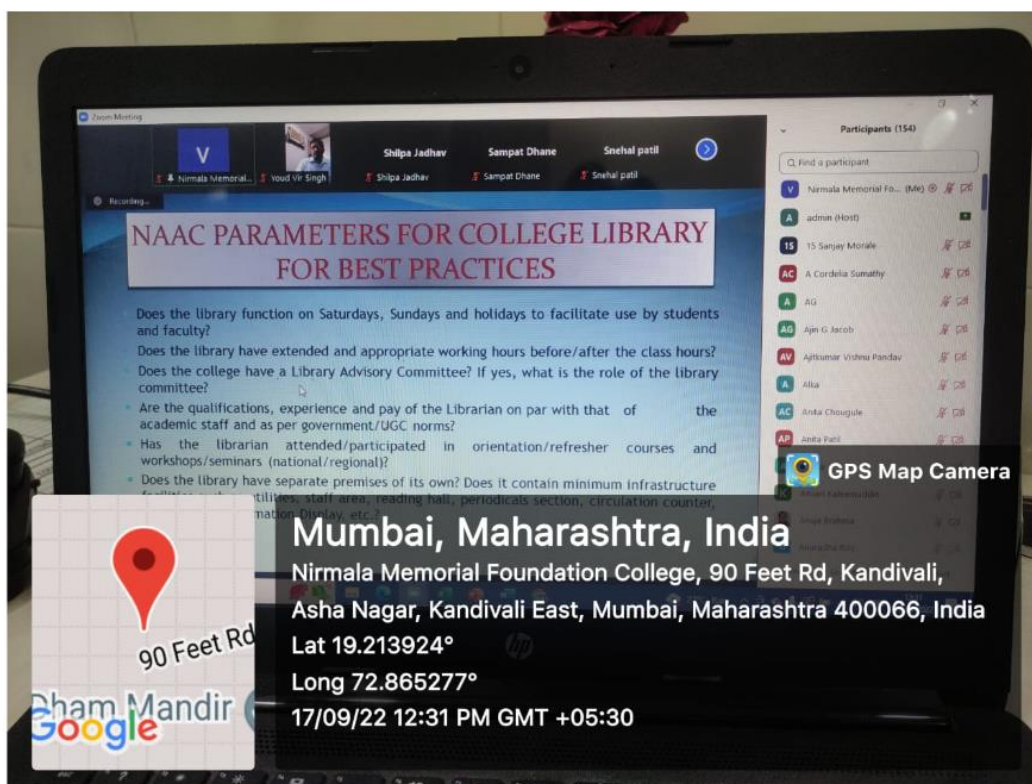
The session will took place on Tuesday, 30th August, 2022 from 12.30 pm in the mini auditorium.

Guest speaker was Ms. Riddhi Doshi Patel, (our own inhouse counselor) who oversees the health, wellbeing and welfare of our college students.

Teachers got insight from the session on how to recognise the signals that a student needs therapy. Additionally, the seminar offered advice on how to behave in front of pupils under various situations.

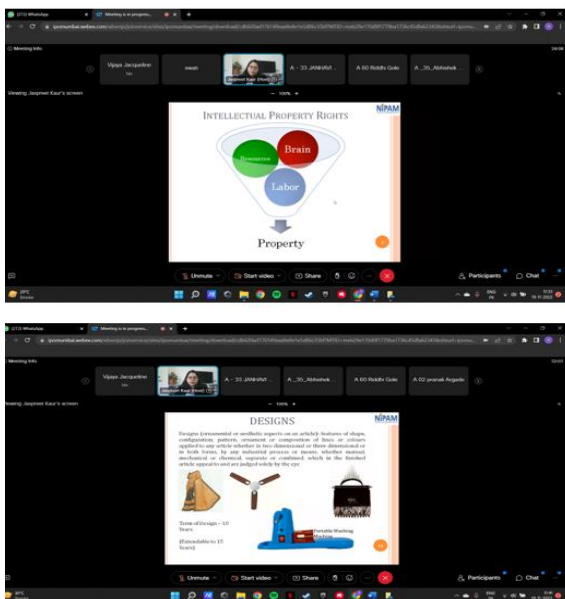


## National Level Webinar on “Best Practices of College Library”



The library is rightly regarded as the heart of an academic institution. As a gateway to knowledge and culture, libraries play a fundamental role in developing the academic front of the institutions. Keeping this in mind the Internal Quality Assurance Cell of the college organised a National Level Webinar on “Best Practices of College Library” on Saturday, 17th September, 2022 from 11:30 am on the Zoom Platform. Resource Person was Dr Youd Vir Singh, presently heading the Library and Documentation Division of the Association of Indian Universities, New Delhi. Faculty members, College Librarians and Library staff members are invited to avail the benefits of the session.

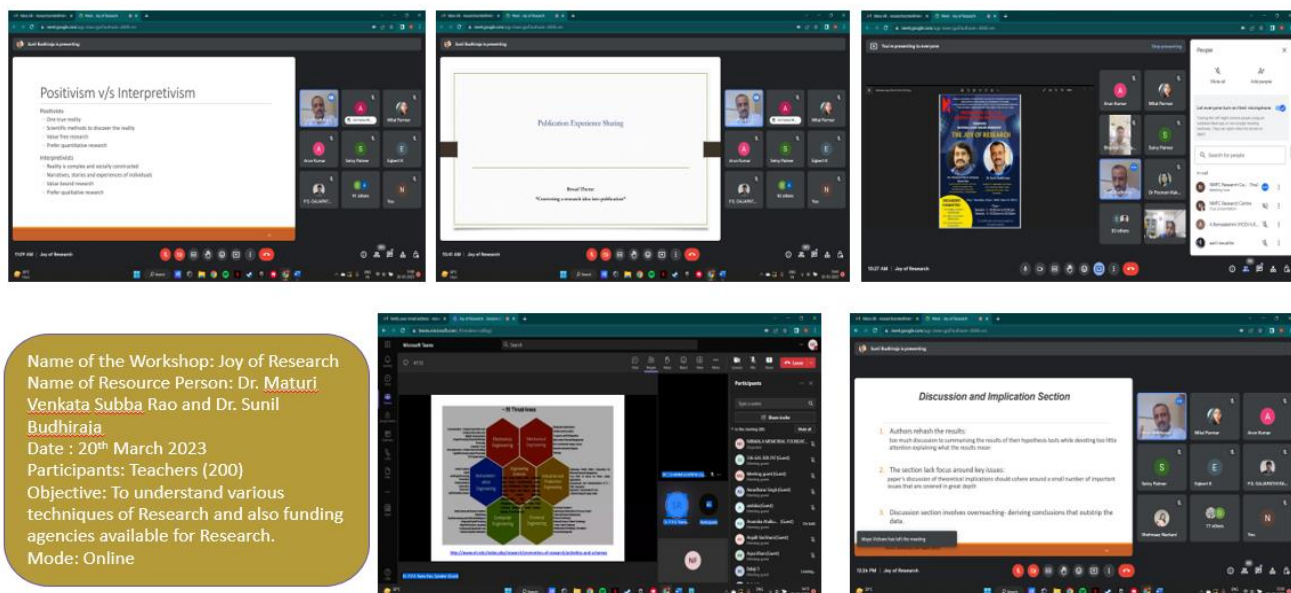
## Webinar on IPR Awareness



Name of the Webinar: IPR Webinar  
In Collaboration: Ministry of Commerce and Industry,  
Government of India  
Name of Resource Person: Ms. Jaspreet Kaur  
Date : 19<sup>th</sup> November 2022  
Participants: Students and Teachers  
Objective: To provide an insight on IPR topic to  
students and teachers.  
Participants: 120 teachers and 150 students  
Mode: Online

The Research Cell in collaboration with Ministry of Commerce and Industry, Government of India organized a One Day online webinar on **IPR Awareness**. The separate webinar was arranged for teachers and students. Around 120 teachers and 150 students joined in for the webinar. The sessions were organised on 19th November 2022. Both the sessions were highly appreciated by the audience.

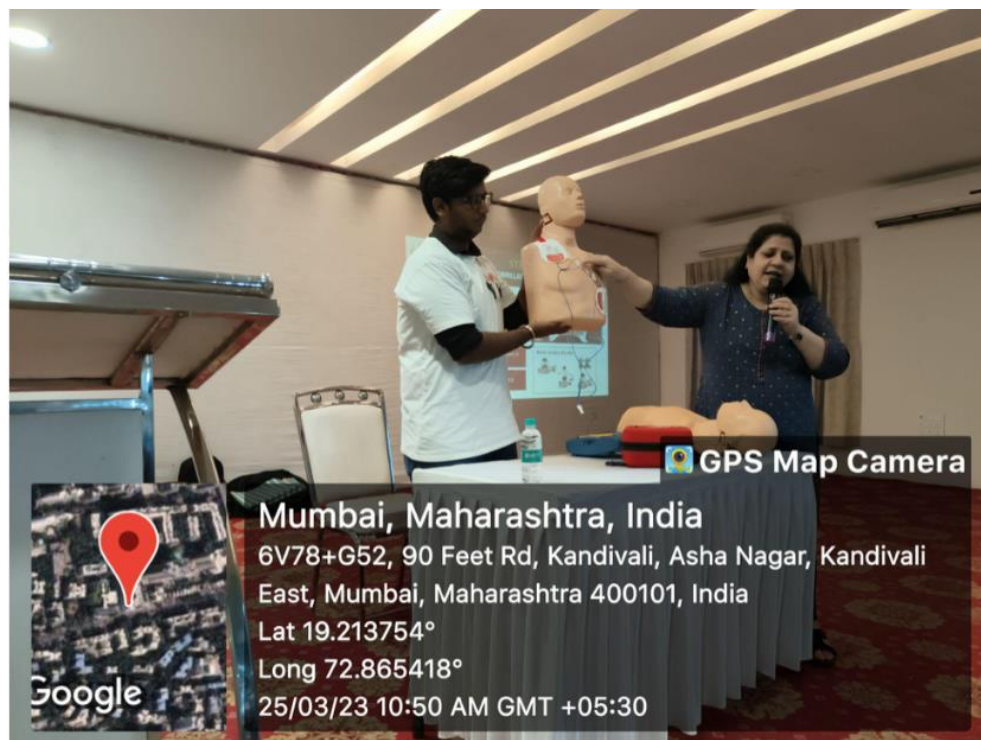
## Online national level workshop- The Joy Of Research



IQAC in co-ordination with Research Cell organised The Joy of Research. The workshop was organised on Monday, 21st March 2023 wherein, 2 sessions were conducted. The workshop received huge participation of researchers from all over the country. Around 200 participants attended the workshop and appreciated the knowledge shared by the speakers. The sessions conducted were:

1. The research process
2. The Funding Agencies and research proposal making

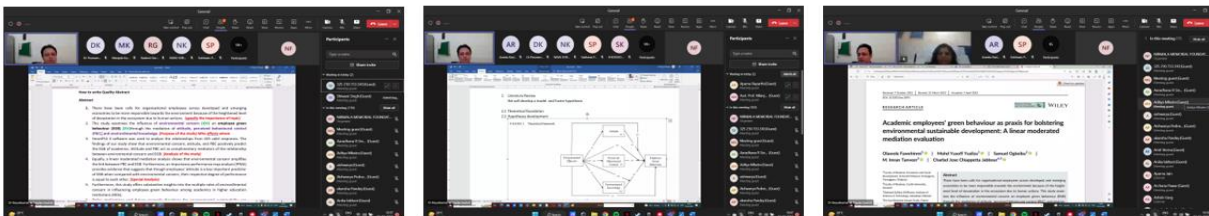
## Awareness and Training on Sudden Cardiac Arrest Resuscitation



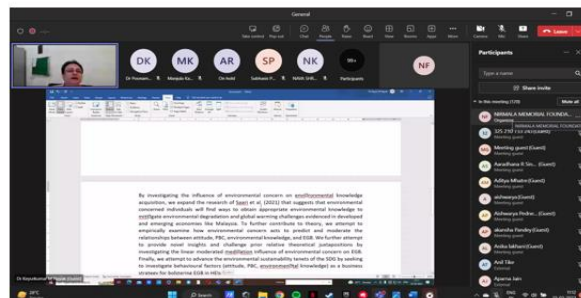
The Internal Quality Assurance Cell in association with Revive Heart Foundation, had organized a workshop on “Awareness and Training on Sudden Cardiac Arrest Resuscitation” on Saturday, 25th March, 2023, from 10:30 am in the college auditorium. The session was conducted by Ms. Sumaiya Raghavan and her team, a certified trainer on First Aid heart saving. The workshop was conducted by experienced trainers who have in-depth knowledge of first aid and CPR techniques. During the workshop, participants learn how to assess the situation and how to provide immediate care to the patient. This includes understanding how to check for breathing, pulse, and other vital signs. A sum of 120 students, 28 staff members and 12 non teaching staff members benefited from the program.



## One day online Workshop on "Pathway to Effective Publication"

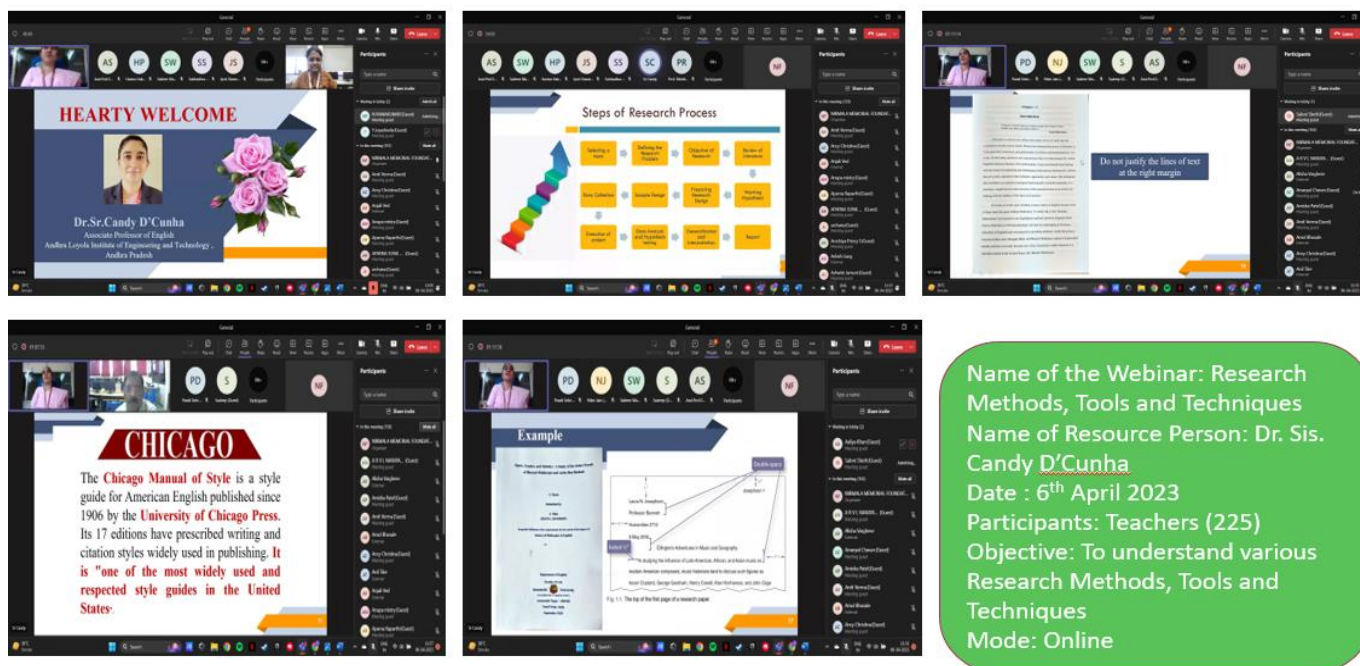


Name of the Workshop: Pathway to effective publication  
Name of Resource Person: Dr. Keyurkumar Nayak  
Date : 25<sup>th</sup> March 2023  
Participants: Teachers (170)  
Objective: To know different platforms available for publication.  
Mode: Online



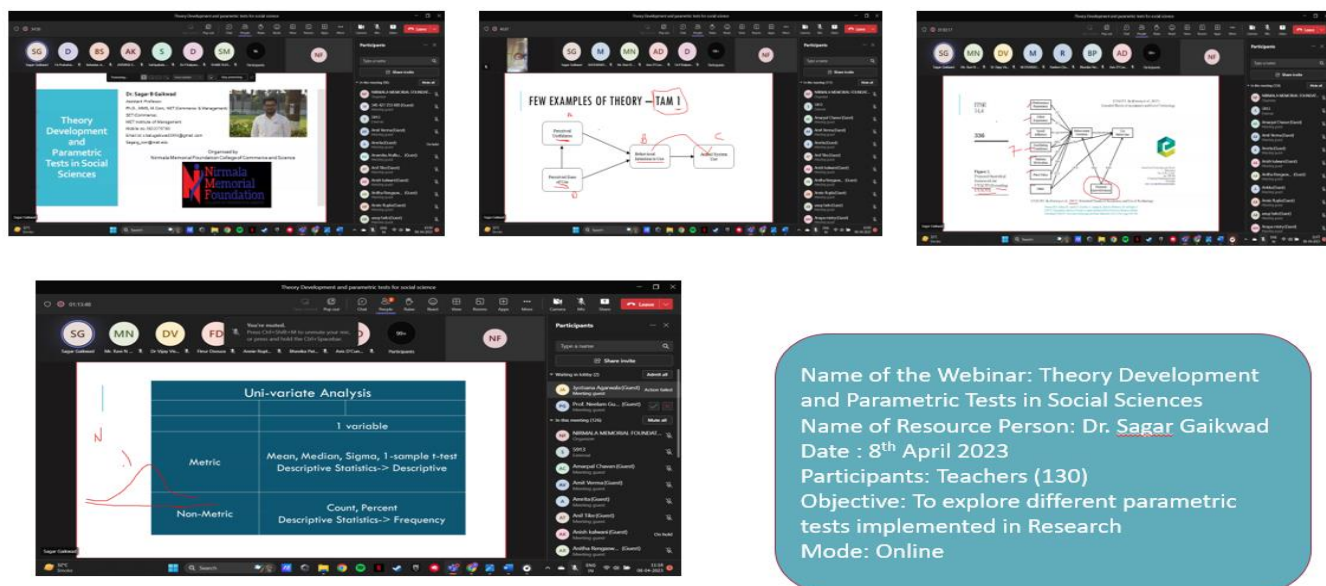
IQAC in co-ordination with Research Cell organised a webinar on Pathways to effective publication. The workshop was organised on Saturday, 25<sup>th</sup> March 2023 and Dr. Keyurkumar Nayak, Director of Garware Institute of Career Education and Development, University of Mumbai was the Resource Person for the session. Around 120 participants joined the session. A highlight was given about how the research paper can be made from theoretical framework and further the publication of research papers in various journals. The session was highly appreciated by the participants.

**One day National Level Workshop on " Research Methods, Tools and Techniques"**



The IQAC and Research Cell organised a national level webinar on Research Methods, Tools and Techniques. It was organized on Thursday 6th April 2023. Dr. Sis Candy D'Cunha, Assistant Professor from Andra Loyola Institute of Technology and Engineering was invited to address the audience. Around 225 participants joined the webinar link and learned the different processes and tools that can be used for conducting research. She also emphasised on different ways to write a bibliography and framing of research topics. At the end, the speaker answered the questions the audience raised. The webinar was highly appreciated by the audience.

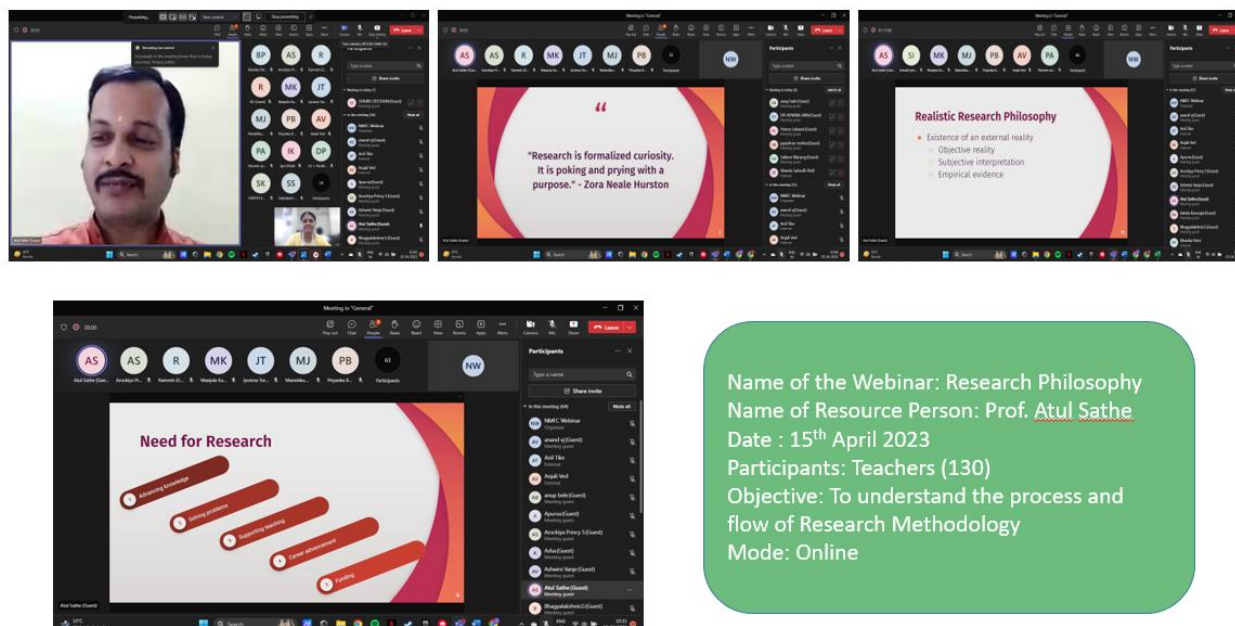
## Online national level workshop - Theory Development and Parametric Test for Research



Name of the Webinar: Theory Development and Parametric Tests in Social Sciences  
 Name of Resource Person: Dr. Sagar Gaikwad  
 Date : 8<sup>th</sup> April 2023  
 Participants: Teachers (130)  
 Objective: To explore different parametric tests implemented in Research  
 Mode: Online

The research cell organised a national level webinar on the Theoretical Framework and Parametric Test in Research. It was organised on Saturday 8<sup>th</sup> April 2023. Dr. Sagar Gaikwad, Assistant Professor from Mumbai's Education Trust was invited to address the audience. Around 130 participants joined the webinar link and learned to frame theoretical framework and connect it to the hypothesis. At the end of the session, the speaker answered the questions the audience raised. The webinar was highly appreciated by the audience.

## Online national level workshop on "Research Philosophy"

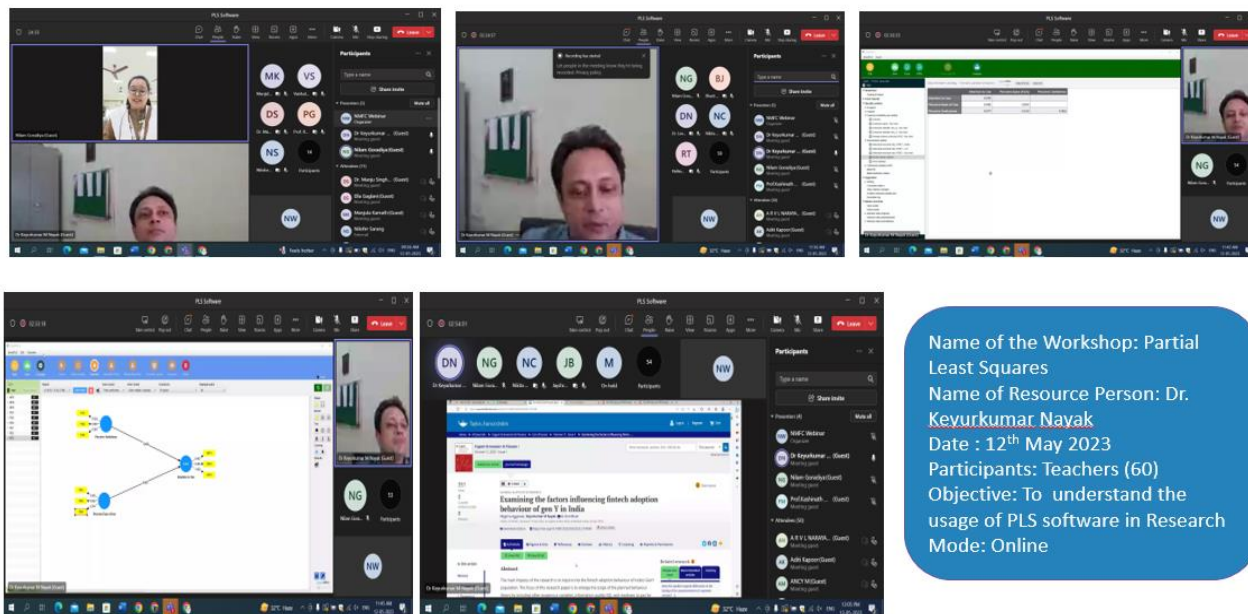


Name of the Webinar: Research Philosophy  
Name of Resource Person: Prof. Atul Sathe  
Date : 15<sup>th</sup> April 2023  
Participants: Teachers (130)  
Objective: To understand the process and flow of Research Methodology  
Mode: Online

Research Cell organised a webinar on “Research Philosophy” on 15th April 2023. Mr. Atul Sathe was invited to address the participants on topics like variables, objectives and hypothesis formation, and different methodology that can be adopted to conduct the research. Around 85 participants joined in for the session and appreciated the talk.



## One day online workshop on Partial Least Squares (PLS)



Name of the Workshop: Partial Least Squares  
Name of Resource Person: Dr. [Keyurkumar Nayak](#)  
Date : 12<sup>th</sup> May 2023  
Participants: Teachers (60)  
Objective: To understand the usage of PLS software in Research  
Mode: Online

The IQAC and Research Cell of the college in collaboration with Garware Institute of Career Education and Development organised a virtual one day workshop on “Partial Least Squares” on Friday, 12th May 2023. Dr. Keyurkumar Nayak, Director of Garware Institute was invited to conduct the workshop. The workshop was divided into three sessions to have hands-on practise on the software. Around 60 participants actively participated in the workshop and it was highly appreciated.

# **25 Steps For Effective Curriculum Planning and Delivery**

## **Value Added Course**

<b>Name of Certificate/ Value added course offered and online courses of MOOCs, SWAYAM, NPTEL etc. where the students of the institution have enrolled and successfully completed</b>	<b>Year of offering/study</b>	<b>Period (from date - to date)</b>	<b>Duration of course</b>	<b>Number of students enrolled in the year</b>	<b>Number of Students completing the course in the year</b>
Digital Marketing	2022-23	13/04/2023 - 10/05/2023	30 hours	154	30
Teach Earn and Learn	2022-23	08/09/2022 - 26/09/2022	36 hours	132	66
Spoken Tutorial IIT (C)	2022-23	15/03/2023 - 29/03/2023	30 hours	132	22
Spoken Tutorial IIT (PYTHON 3.4.3)	2022-23	15/03/2023 - 29/03/2023	30 hours	132	31
Spoken Tutorial IIT (PHP and MYSQL)	2022-23	15/03/2023 - 30/06/2023	30 hours	132	3
Spoken Tutorial IIT (HTML)	2022-23	09/11/2022 - 03/12/2023	31 hours	132	80
Personality Development Camp	2022-23	16/09/2022 - 26/09/2022	30 hours	75	75
Advanced Tally ERP 9.0	2022-23	13/04/2023 - 30/04/2023	120 hours	69	41
Lets Learn English	2022-23	08/10/2022 - 14/12/2022	30 hours	76	76
SWAYAM	2022-23	01/07/2022 - 15/10/2022	12 Weeks	3084	2
Fundamentals of Accountancy	2022-23	07/11/2022 - 02/12/2022	30 hours	283	283
Financial Institutions	2022-23	06/03/2023 - 17/03/2023	30 hours	614	614
Fundamentals of Advertising	2022-23	10/10/2022 - 21/10/2022	30 hours	1684	1684
Managing Talents in Human Resource for the 21st Century	2022-23	12/09/2022 - 30/09/2022	30 hours	520	520

<b>Name of Certificate/ Value added course offered and online courses of MOOCs, SWAYAM, NPTEL etc. where the students of the institution have enrolled and successfully completed</b>	<b>Year of offering/study</b>	<b>Period (from date - to date)</b>	<b>Duration of course</b>	<b>Number of students enrolled in the year</b>	<b>Number of Students completing the course in the year</b>
Personality Development	2022-23	03/01/2023 - 14/01/2023	30 hours	432	432
Soft Skills	2022-23	17/04/2023 - 29/04/2023	30 hours	367	367
Advanced Java Programming	2022-23	12/09/2022 - 24/09/2022	30 hours	126	126
C++ Programming	2022-23	06/03/2023 - 15/03/2023	30 hours	338	336
Business Ethics	2022-23	19/09/2022 - 30/09/2022	30 hours	1251	1251





Reg. No. F-419 (Bom)

Affiliated to NATIONAL SKILL DEVELOPMENT CORPORATION

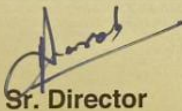
## *Certificate*

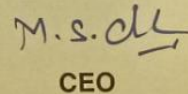
This is to Certify that

**NIRMALA MEMORIAL FOUNDATION COLLEGE OF  
COMMERCE & SCIENCE, KANDIVALI - MUMBAI**

is our

**Authorised Training & Certification Centre**

  
Sr. Director

  
CEO

Date of Issue 18/11/2022

This Certificate is Valid For 12 Months From the Date of Issue.

Associated with



Under this Partnership Yuva Parivartan is Responsible for Conducting Examination and issuing Certification only.  
All Other Responsibility will be Borne by the Partner.

# **25 Steps For Effective Curriculum Planning and Delivery**

## **Bridge Course**

## NOTICE

### FOR FYBCOM

This is to inform you that the BCOM department is organizing a "Four Day Bridge Course" on "Mathematics" for students studying at F.Y.B.COM (Particularly students who choose secretarial practice in HSC or an equivalent exam).

#### Schedule for the bridge course

Day / Date	Time	Faculty	Topic Covered
Monday 22-08-2022	12:00pm To 1:00pm	Prof. Vinay	1) Use of calculator: addition of fractional number, square root of number, approximation of decimal number. 2) Introduction of factorial notation, examples, Fundamental principle of counting, examples
Tuesday 23-08-2022	12:00pm To 1:00pm	Prof. Nambiar	3) Basic knowledge of Graph paper : axes, scales, plotting line on graph paper, histogram 4) Mean, Median, Mode
Wednesday 24-08-2022	12:00pm To 1:00pm	Prof. Narayan	5) Simple interest, compound interest, introduction of shares
Thursday 25-08-2022	12:00pm To 1:00pm	Prof. Narayan	6) Probability: common examples (cards, dice, coin), sample space, event, addition theorem.

**Venue:** Block No. 710.

#### Students should bring:

1. Calculator.
2. Three graph papers.
3. Scale and pencil.
4. One 100 pages note book.
5. ID card.



(I/C Principal)



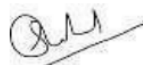
(Co-ordinator)

# **25 Steps For Effective Curriculum Planning and Delivery**

## **Remedial Lectures**



	NIRMALA MEMORIAL FOUNDATION COLLEGE OF COM. & SCI.										
	FYBCOM ATKT LECTURE TIME TABLE (SPECIAL COACHING)										
BLOCK	311	311	311	311	311	311	311	311	311	311	311
DAY	SATURDAY	MONDAY	TUESDAY	THURSDAY	FRIDAY	SATURDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
TIMINGS	28TH JAN	30TH JAN	31ST JAN	2ND FEB	3RD FEB	4TH FEB	6TH FEB	7TH FEB	8TH FEB	9TH FEB	10TH FEB
7.30-8.15											
8.15-9.00	ECO	COM	ECO	MATHS	EVS	FC	FC	ECO	COM	EVS	FC
	NEHA	VIJAYA	NEHA	NARAYAN	MEGHA	RISHABH	RISHABH	NEHA	VIJAYA	MEGHA	RISHABH
9.00-9.45	ECO	COM	COM	MATHS	EVS	FC	BC	AFM	MATHS	BC	BC
	NEHA	VIJAYA	VIJAYA	NARAYAN	MEGHA	RISHABH	NILAM P.	JIGNESH	NARAYAN	NILAM P.	NILAM P.
9.45-10.30	AFM	AFM	AFM	EVS	MATHS	MATHS	MATHS		BC		
	JIGNESH	JIGNESH	JIGNESH	MEGHA	NARAYAN	NARAYAN	NARAYAN		NILAM P.		
9.45-10.15											
10.15-11.00											
11.00-11.45											



PRINCIPAL

# **25 Steps For Effective Curriculum Planning and Delivery**

## **Practical Based Learning**

