



# L. D. Sonawane College of Arts & Commerce, Kalyan(w) Year 2021-22

## Microbiology Department

In the wake of upcoming Third wave of COVID-19 pandemic, IQAC & Microbiology Department of L.D. Sonawane College, Kalyan(W) have created COVID-19: INDIA Interactive Map to get information about number of COVID-19 cases and Vaccination status of each state in India, at the fingertips of all citizens.

Just touch the name of State or U.T. in the given Map to know the status!!!


Interactive Map created by:

Mr. Vishal Bhoir,

Asst Professor & HOD,  
Microbiology epartment.

Thanks & Regards,  
Ms. Annie Antony,  
I/c Principal,  
L.D. Sonawane College, Kalyan(W)

<https://sites.google.com/view/ldscmicrobiology/covid-19-india-interactive-map>

  
**PRINCIPAL**  
L. D. SONAWANE COLLEGE OF  
Arts, Commerce & Science, Kalyan (W)

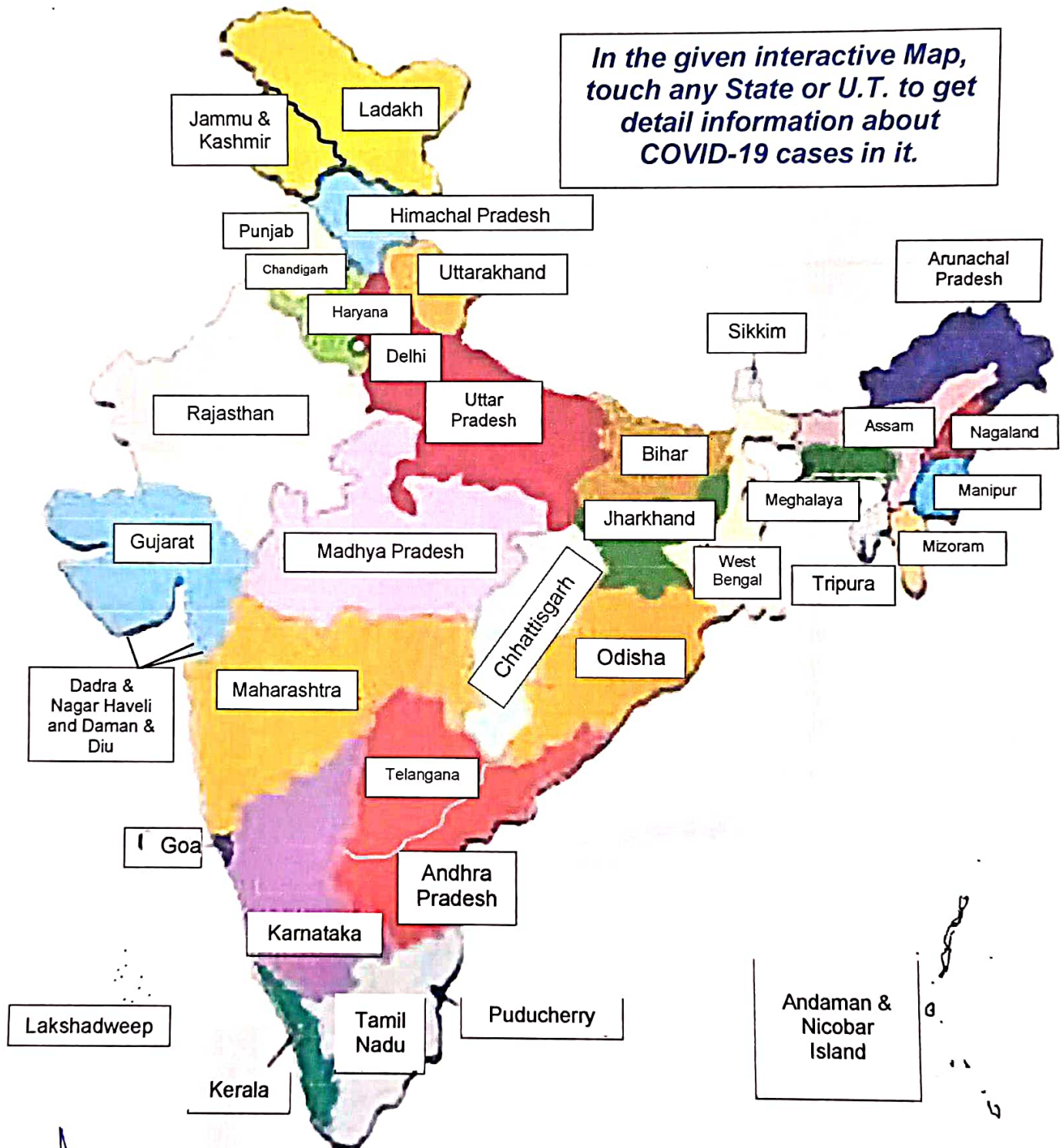




**L. D. Sonawane College of Arts & Commerce, Kalyan(w)**  
**Year 2021-22**

# COVID-19: INDIA

*In the given interactive Map,  
touch any State or U.T. to get  
detail information about  
COVID-19 cases in it.*



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**Arts, Commerce & Science, Kalyan (W)**

COVID-19 Data Source:  
[www.covid19india.org](http://www.covid19india.org)



Interactive Map created by,  
**Mr. Vishal Bhoir**  
Asst. Professor,  
Microbiology Department,  
L. D. Sonawane College, Kalyan,  
Thane, Maharashtra.



## L. D. Sonawane College of Arts & Commerce, Kalyan(w) Year 2021-22

Webinar on an investor awareness program "How to Buy and Sell Shares In Stock Exchanges". On behalf of SEBI

<b>Activity Name</b>	Webinar on an investor awareness program "How to Buy and Sell Shares In Stock Exchanges" on behalf of SEBI. On the Occasion of GMW (GLOBAL MONEY WEEK)
<b>Guest Speaker</b>	Mr. Sadanad Sonawane, Suman Mahila Vikas Mandal, President
<b>Objective Of Activity:</b>	To create awareness on stock market trading among students
<b>Attendees:</b>	No. of participants=60
<b>Activity Details:</b>	Days: Saturday Date: 24th March, 2022Timing: 09.30 am
<b>Platform</b>	Weblink -
<b>Description Of Activity/ Summary:</b>	The program Was Started With Formal Welcoming And Introducing guests and instructions to the all regarding pan card making documents and other formalities
<b>Take away</b>	social activity

  
**PRINCIPAL**  
L. D. SONAWANE COLLEGE OF  
Arts, Commerce & Science, Kalyan (W)

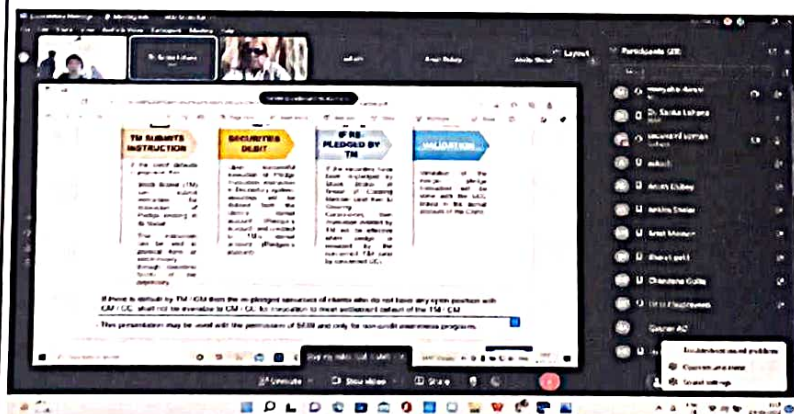
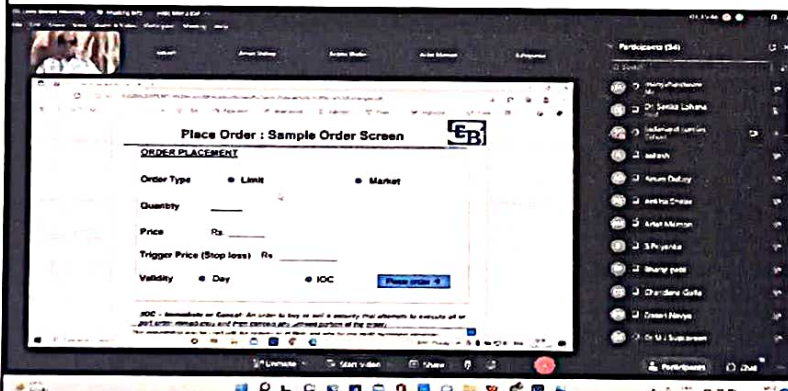
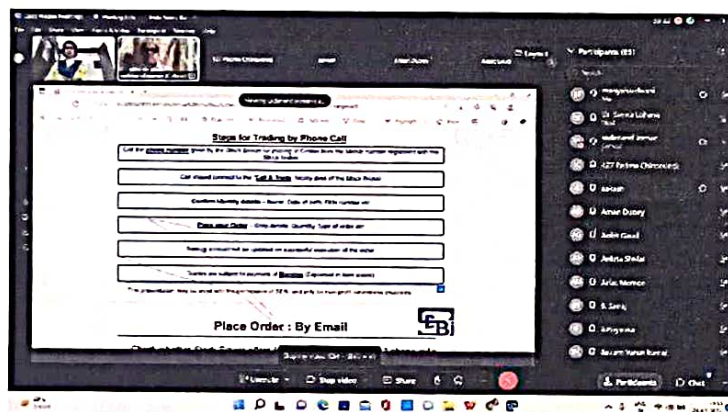
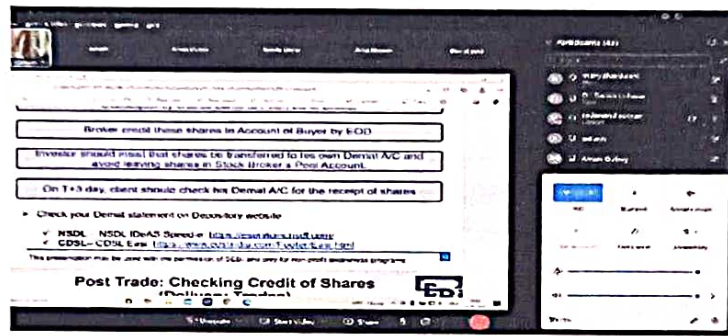






# L. D. Sonawane College of Arts & Commerce, Kalyan(w) Year 2021-22

Photos



*[Signature]*

PRINCIPAL  
L. D. SONAWANE COLLEGE OF  
Arts, Commerce & Science, Kalyan (W)







# CERTIFICATE OF ACHIEVEMENT

THIS IS TO CERTIFY THAT

**MR. TEJAS THAKKAR**

HAVE SUCCESSFULLY  
COMPLETED THE SKILL ORIENTED COURSE ON

**DATA ANALYSIS (MS - EXCEL)**

A handwritten signature in black ink, appearing to read 'Anisha Kulkarni', is positioned above the name of the founder.

**ANISHA KULKARNI**  
(Founder & Executive Trustee)



2021 - 2022  
ACADEMIC YEAR



# CERTIFICATE OF ACHIEVEMENT

THIS IS TO CERTIFY THAT

**MR. TEJAS THAKKAR**

HAVE SUCCESSFULLY  
COMPLETED THE SKILL ORIENTED COURSE ON

**FINANCIAL MARKET SKILLS**

A handwritten signature in black ink, appearing to read 'Anisha Khilnani', is located in the bottom left corner.

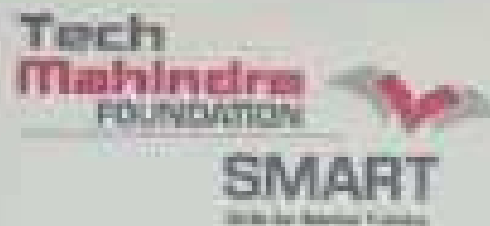
**ANISHA KHILOANI**  
Principal & Executive Trustee



**2021 - 2022**  
BACHELOR'S DEGREE

Roll No. 280320

Page No. 8143



Date 20.05.2022

Center Mumbai

## CERTIFICATE

Tech Mahindra Foundation awards this certificate to

Shubham Devendra Telang

for successfully completing the Skills-for-Market Training [SMART] vocational course

Diploma in Accounting and Finance

By JALAJMI EDUCATION SOCIETY

TMC SMART Centre



*Shubham*  
Authorized Signatory  
Parent Organization



*Shubham*  
Authorized Signatory  
TMC SMART Centre

Tech  
Mahindra  
Foundation



Student ID: 274424  
Batch ID: 5817



Date: 27-02-2022  
Location: Mumbai

## CERTIFICATE

Tech Mahindra Foundation awards this certificate to

Manali Deepak Maskar

for successfully completing the Skills-for-Market Training [SMART] vocational course


in Diploma in Accounting and Finance

from JAILAXMI EDUCATION SOCIETY TME SMART Centre



  
Authorized Signatory  
Partner Organisation



  
Mahesh Shetty  
Authorized Signatory  
Tech Mahindra Foundation



# CERTIFICATE OF ACHIEVEMENT



THIS IS TO CERTIFY THAT

**MR. TEJAS THAKKAR**

HAVE SUCCESSFULLY  
COMPLETED THE BOLD ORIENTED COURSE OF

**ERP - TALLY WITH GST**

**ARISHA KHELMANI**  
Founder & Executive Director



**2021 - 2022**  
(ACADEMIC YEAR)

Roll No. 200134

Page No. 0143

Tech  
Mahindra  
FOUNDATION



SMART  
Skills for Market Training

Date 29.06.2022

Page No. 0143

## CERTIFICATE

Tech Mahindra Foundation awards this certificate to

Tejas Parash Pragna Thakkar

for successfully completing the Skills-for-Market Training (SMART) vocational course

Diploma in Accounting and Finance

in

from JAILAXMI EDUCATION SOCIETY

TMF SMART Centre




  
Authorized Signatory  
Parent Organization

  
Authorized Signatory  
Tech Mahindra Foundation



**WDC of LAXMAN DEVRAM DEVRAM SONAWANE COLLEGE OF ARTS & COMMERCE, KALYAN, organized an awareness session on "Scope in Beauty " in association with Lakme Academy, kalyan.**

Activity Name	Awareness session on "Scope in Beauty " in association with Lakme Academy, kalyan.						
Guest Speaker	Ms. Krupa .						
Objective	Major motivation for creating awareness among participants about health						
Attendees:	<table><tr><td>No. of students</td><td>No. of faculties</td></tr><tr><td>25</td><td>5</td></tr></table>			No. of students	No. of faculties	25	5
No. of students	No. of faculties						
25	5						
Activity Details:	Days: Saturday Date: 7th May, 2022 Timing: 11.15 a.m						
Platform	Online- Google meet						
Description of Activity/ Summary:	The webinar was started with formal welcoming and introducing the speaker. The session has started with initial discussion on beauty and how to maintain beauty.						
Take away	scope of beauty						
Photos							





## **Memorandum of Understanding**



Between

**K. M. Agrawal College of Arts, Commerce and Science,**

(Affiliated to University of Mumbai)

Agrawal College Road, Gandhare, Kalyan(W)

Mumbai, Maharashtra-421301

And

**L.D.Sonawane College of Arts, Commerce and Science,**

(Affiliated to University of Mumbai)

Opp.Fire Station, Nr. DurgadiKilla,Murbad Road, Kalyan(W)

For

**Certificate Course on 'Research Methodology'**





## **Memorandum of Understanding**

This Memorandum of Understanding (MoU) is entered into 12<sup>th</sup> of November 2021, by and between the Department of Economics of K.M. Agrawal College and L.D. Sonawane College in Kalyan(W), Dist.-Thane, decided to conduct the collaborative Online Certificate Course Activity in Association with IQAC in the academic year 2021-22.

### **Details of Departments:**

1. Department of Economics of  
Hindi Bhashi Jankalyan Shikshan Sanstha's,  
K. M. Agrawal College of Arts, Commerce and Science,  
Agrawal College Road, Gandhare, Kalyan(W)
2. Department of Economics of  
Kalyan Wholesale Marchants' Society's,  
L.D. Sonawane College of Arts, Commerce and Science,  
Opp. Fire Station, Nr. Durgadi Killa, Murbad Road, Kalyan(W)

### **Agreement:**

Online Certificate Course in Research Methodology is a collaborative activity. The course duration is 30 hours. Teachers and students of both the college are going to participate and it will be completed between the period of January 2022 to February 2022. Certificate will be allotted to the students based on 75% attendance. The agreement shall be valid for two academic years from the date of signing.

### **Financial details:**

The Online Certificate Course in 'Research Methodology' is free of charge. Teachers of both The college will be guided the students without remuneration for the enhance of the students.



### **Roles and duties:**

The teachers of both the college will be involved in the framing of syllabus of Online Certificate Course in 'Research Methodology'. The work-load will be allotted as per the time table prepared for the same.

### **Record :**

Both the college will be kept the record of syllabus, notices, time-table, invitations letters to the participant teachers, students attendance, certificates and photos.

### **Closure:**


Dr. Mrs. R.K. Nimbalkar, Professor & HOD of Economics of K.M. Agrawal College and the Mrs. R.M. Patil, Assistant Professor of Department of Economics of L.D. Sonawane College are the convener of certificate course.


### **Duration of validity:**

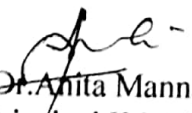
The agreement would be valid, for the academic year 2021-22.


**Date:** 12<sup>th</sup> of November 2021

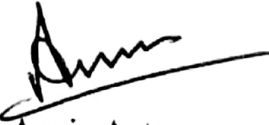
### **Signatures:**

  
Mrs. R.M. Patil  
L.D. Sonawane College, Kalyan(W)  
Dist.-Thane

  
Dr. K.G. Nimbalkar  
Principal D.G. Tatkare College, Tala  
Dist.-Thane

  
Dr. Anita Manna  
Principal K.M. Agrawal College, Kalyan(W)  
Dist.-Thane

  
Dr. Mrs. R.K. Nimbalkar  
K.M. Agrawal College, Kalyan(W)  
Dist.-Thane

  
Mrs. Annie Antony  
Principal L.D. Sonawane College, Kalyan(W)  
Dist.-Thane

# **LAXMAN DEVRAM SONAWANE COLLEGE, KALYAN (W).**

**Date:-10/01/2022**

All the students are hereby inform that Economics Department of K.M. Agarwal college and

L. D. Sonawane college of Kalyan are together going to organise certificate course on "**Research methodology**" TYBA Economics and MA Economics students are requested to click on given link for registration.

It is necessary for the completion of your **project work**.

The students will get the **e-certificate** after the completion of the course. Lectures link will be forwarded through whatsapp group.



**Convener**

**HOD of Economics Department**



**K.M.AGRAWAL COLLEGE, KALYAN(W)**  
**L.D.SONAWANE COLLEGE, KALYAN(W)**  
**DEPARTMENTS OF ECONOMICS**  
**IN ASSOCIATION WITH IQAC**  
**ORGANIZED ONLINE**  
**CERTIFICATE COURSE ON RESEARCH METHODOLOGY**  
**SYLLABUS**  
**(2021-22)**

**Unit: I – संशोधनाचा अर्थ - Meaning of Research** (06)

**संशोधनाचे प्रकार -Types of Research**

- शुद्ध-Pure
- मुलभूत-Fundamental
- उपयोजित-Applied
- ऐतिहासिक- Historical
- सर्वेक्षणात्मक-Survey
- प्रायोगिक-Experimental
- वर्णनात्मक- Descriptive
- विश्लेषणात्मक -Analytical
- गुणात्मक -Qualitative
- संख्यात्मक -Quantitative

**Unit: II – गृहीत कृत्य आणि संशोधन उद्दीष्टे निर्मिती** (06)

**(Formulation of Hypothesis and Objectives)**

- Research Objectives: What?
- Why do we need Research Objectives?
- How to Formulate Research Objectives?
- Research Hypothesis: What?
- Why do we need Research Hypothesis?
- How to Formulate Research Hypothesis?
- Relation of Hypothesis& Objectives with Research Topic/Problem

**Unit: III-संशोधन पद्धती** (08)

**Research Methodology**

- तथ्य संकलन (Data Collection)-

- प्राथमिक साधने (Primary Sources)-Interviews, Questionnaire, Observation, Schedule
- दुय्यम साधने (Secondary Sources)- Reference Books, Thesis, Reports, Letters, Journals, Research Articles, News paper etc.
- तथ्य संकलनाची सांख्यिकीय साधने (Statistical Tools for Data Collection)
  - Mean, Median, Mode, Variation, Correlation, Regression, Index Numbers
- नमुना, नमुना तंत्र (Sampling, Sampling Techniques or Methods)

**Unit: IV –संशोधन साहित्याचा आढावा**

(03)

**(Review of Research Literature)**


- Need for Review of Literature
- Sources of Literature

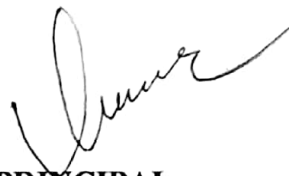
**Unit: V –संशोधन अहवाल**


(07)

**(Research Project)**

- Research Problem
- Introduction
- Objectives
- Hypothesis
- Importance of Research
- Scope & Limitations
- Research Methodology
- Review of Literature
- Analytical Study of Research Problem
- Difficulties in Research Problem
- Measures on Research Problem
- Findings of Research Problems
- Recommendations on Research Problem
- Conclusion of Research Problem
- Bibliography
- Appendix

**HOD**   
 Prof. R.K. Nimbalkar  
 Dept. of Economics  
 K.M. Agrawal College,  
 Kalyan (W)


**PRINCIPAL**   
 Prin. Dr. K.G. Nimbalkar  
 D.G. Tatkare College, Tala

**PRINCIPAL**   
 Prin. Dr. A.A. Manna  
 K.M. Agrawal College, Kalyan (W)

**Subject Expert**

  
 Mrs. R.M. Patil



**PRINCIPAL**   
 Prin. Dr. A.A. Manna  
 LAXMAN DEVRAM SONAWANE  
 COLLEGE OF ARTS, COMMERCE AND SCIENCE  
 KALYAN (W)- 421 301.

**L. D. SONAWANE COLLEGE KALYAN (W)**

**Department of Economics**

**(2021-22)**

**Time-Table**

**Inter - Collegiate Activity**

**Online Certificate Course in 'Research Methodology'**

Time-Table for 30 Hours Online Certificate Course in 'Research Methodology' Organized by Department of Economics of K. M. Agrawal College & L. D. Sonawane College, Kalyan.

Date	Time	Name of the Teacher
27/01/2022	10.00 a.m.to 1.00 p.m.	Mrs. R.M.Patil
28/01/2022	2.00p.m. to 4.00p.m.	Mrs. R.M.Patil
29/01/2022	2.00p.m. to 4.00p.m.	Mrs. R.M.Patil
31/01/2022	10.00a.m. to 11.00 a.m.	Dr.Snehal Deshmukh
02/02/2022	6.00 p.m. to 8.00p.m.	Prof.Dr. R.K.Nimbalkar
05/02/2022	5.00p.m to 6.00 p.m.	Mrs.Shalaka Chavan
07/02/2022	4.00p.m.to 5.00p.m.	Dr.Snehal Deshmukh
10/02/2022	4.00p.m.to 6.00p.m	Dr.Snehal Deshmukh
12/02/2022	5.00p.m.to 7.00p.m.	Mrs.Pranali Bhosale
17/02/2022	5.00p.m to 6.00 p.m.	Mrs.Shalaka Chavan
18/02/2022	5.00p.m to 6.00 p.m	Mrs.Shalaka Chavan
19/02/2022	5.00p.m to 6.00 p.m	Mrs.Shalaka Chavan
21/02/2022	12.00 noon to 3.00p.m.	Prof.Dr. R.K.Nimbalkar
21/02/2022	5.00p.m.to 7.00p.m.	Mrs.Shalaka Chavan
24/02/2022	5.00p.m.to 7.00p.m.	Mrs.Shalaka Chavan
25/02/2022	5.00p.m.to 7.00p.m.	Mrs.Shalaka Chavan
28/02/2022	5.00p.m.to 7.00p.m.	Mrs.Shalaka Chavan

  
**Convener**

**I/C Principal**

## Registered students List.

Timestamp	Username	Total score	Full Name of the Student	Full Name	Full Name	Name of the Class	Name of the Class	Class Score	Class Fee	Academic	Academic	Academic	Working Mobile	Working Mobile	Working Mobile Number	Feedback
2022/01/11	ac9287569@	0.00 / 0	Ajay Ramings Chavan	-- / 0		K.M.Agrawal	-- / 0	M.A part 1	-- / 0	2021-22	-- / 0		9987707693	-- / 0		
2022/01/11	kk0579461@	0.00 / 0	Kajal Dadasaheb kamble	-- / 0		K.m.agrawal	-- / 0	M.a part 2	-- / 0	2021-22	-- / 0		8108875654	-- / 0		
2022/01/11	patilkarina86	0.00 / 0	Karina Uttam Patil	-- / 0		K.M. Agrawal	-- / 0	MA[2nd Year	-- / 0	2021-22	-- / 0		8805850433	-- / 0		
2022/01/11	gaikwadmon	0.00 / 0	Monika Balaram gaikwad	-- / 0		K.M. Agrawal	-- / 0	MA econo	-- / 0	2021-22	-- / 0		7208470291	-- / 0		
2022/01/11	ganeshgaikwa	0.00 / 0	Gaikwad ganesh shripat	-- / 0		K.M. agrawal	-- / 0	MA econo	-- / 0	2021-22	-- / 0		9967599315	-- / 0		
2022/01/11	Ajinkya.tamb	0.00 / 0	Ajinkya Jagdish Tamboli	-- / 0		K.m.agrawal	-- / 0	M.A PART	-- / 0	2021-22	-- / 0		9967980895	-- / 0		
2022/01/11	patilkarina86	0.00 / 0	Karina Uttam Patil	-- / 0		K.M. Agrawal	-- / 0	MA [2nd ye	-- / 0	2021-22	-- / 0		8805850433	-- / 0		
2022/01/11	monikakambl	0.00 / 0	Monika nagorav kamble	-- / 0		L.D. sonawane	-- / 0	TYBA	-- / 0	2021-2022	-- / 0		7666034341	-- / 0		
2022/01/11	ruchikakhar	0.00 / 0	ruchika anil kharate	-- / 0		k.m.agrawal	-- / 0	M.A part 1	-- / 0	2021-22	-- / 0		7977502696	-- / 0		
2022/01/11	amarsuppal	0.00 / 0	Amar Ashok Suppal	-- / 0		L.D. Sonawane	-- / 0	MA	-- / 0	2021	-- / 0		8208051054	-- / 0		
2022/01/11	hapaoojmus	0.00 / 0	pooja Jha	-- / 0		km.agrawal	-- / 0	MA	-- / 0	2021-2022	-- / 0		767606776	-- / 0		
2022/01/11	aniketchavan	0.00 / 0	Aniket Sanjay Chavan	-- / 0		K.M. Agrawal	-- / 0	M.A PART	-- / 0	2021/22	-- / 0		7045076628	-- / 0		
2022/01/11	harshadason	0.00 / 0	Harshada Sanjay Sonar	-- / 0		Km Agrawal	-- / 0	MA part 1	-- / 0	2021-2022	-- / 0		8291159926	-- / 0		
2022/01/11	thaleroshani	0.00 / 0	Roshani Bharat Thale	-- / 0		Laxman devra	-- / 0	TY.BA	-- / 0	2021-2022	-- / 0		7738167233	-- / 0		
2022/01/11	pdmal77791	0.00 / 0	PUSHPAK MALI	-- / 0		k.m.agrawal	-- / 0	MA part 1	-- / 0	2021-2022	-- / 0		9833077791	-- / 0		
2022/01/11	kalyanichava	0.00 / 0	Kalyani Ramdas Chavat	-- / 0		Agarwal colle	-- / 0	MA	-- / 0	2022	-- / 0		8828520474	-- / 0		
2022/01/11	sonalipatil05	0.00 / 0	Patil sonali Ashok	-- / 0		Laxman Devra	-- / 0	Tyba	-- / 0	2021-2022	-- / 0		9967705023	-- / 0		
2022/01/11	ruturaj543	0.00 / 0	Ruturaj Jagannath Gaonkar	-- / 0		Laxman Devra	-- / 0	MA ECONO	-- / 0	2021-2022	-- / 0		8828086302	-- / 0		
2022/01/11	ashupawar33	0.00 / 0	Ashwini Yogesh Pawar	-- / 0		L.D. Sonawane	-- / 0	TYBA	-- / 0	2021-2022	-- / 0		9152770226	-- / 0		
2022/01/11	saylideshmuk	0.00 / 0	SAYLI ANILRAO DESHMUKH	-- / 0		K. M. AGRAWAL	-- / 0	M. A ECON	-- / 0	2022-2023	-- / 0		9136348676	-- / 0		
2022/01/11	sukhadeokok	0.00 / 0	Sukhadeo Laxman Kokatere	-- / 0		L.D. Sonawane	-- / 0	M.A part 1	-- / 0	2021-22	-- / 0		7769894026	-- / 0		
2022/01/11	divyapatil915	0.00 / 0	Divya Subhash Patil	-- / 0		L.d. sonawane	-- / 0	M.A.	-- / 0	2021-2021	-- / 0		7709988085	-- / 0		
2022/01/11	razviyasmin	0.00 / 0	Shaikh Yasmeen Fatima Rashid Ahmed	-- / 0		L. D. Sonawane	-- / 0	M. A part 1	-- / 0	2021-22	-- / 0		9722648228	-- / 0		
2022/01/11	udduthakare	0.00 / 0	Uddhav Vasudeo Thakare	-- / 0		L.D. Sonawane	-- / 0	MA PART 1	-- / 0	2021-2022	-- / 0		7039181564	-- / 0		
2022/01/11	sawantswapn	0.00 / 0	SWAPNALI RUPCHAND SAWANT	-- / 0		L.D. SONAWAN	-- / 0	M.A ECONO	-- / 0	2022	-- / 0		7666508918	-- / 0		
2022/01/11	surajshankar	0.00 / 0	Suraj Shankar kapse	-- / 0		L.D. Sonawane	-- / 0	M.A.Econo	-- / 0	2021-2022	-- / 0		9004503334	-- / 0		
2022/01/11	valvissneha	0.00 / 0	Sneha shivaji valvi	-- / 0		Laxman devra	-- / 0	MA 1st year	-- / 0	2022-23	-- / 0		7400317820	-- / 0		
2022/01/11	aanishadalmi	0.00 / 0	Aanisha Dalvi	-- / 0		L.D. SONAWAN	-- / 0	TY.BA	-- / 0	2021/22	-- / 0		9011199850	-- / 0		
2022/01/11	ghoderaoche	0.00 / 0	Chetan Gautam Ghoderao	-- / 0		Laxman devra	-- / 0	MA	-- / 0	1year	-- / 0		9665572474	-- / 0		
2022/01/11	dyaneshvaric	0.00 / 0	Rupali prakash chaudhari	-- / 0		L.D. Sonawane	-- / 0	MA Part II	-- / 0	2021-22	-- / 0		9022231771	-- / 0		
2022/01/11	mohanshinde	0.00 / 0	Shinde Mohan Suresh	-- / 0		Laxman Devra	-- / 0	M.A. Econo	-- / 0	2022	-- / 0		9730195432	-- / 0		
2022/01/11	sirjagtap87	0.00 / 0	sagar rajendra jagtap	-- / 0		L.D. Sonawane	-- / 0	M.A part 2	-- / 0	2021-2022	-- / 0		9326033796	-- / 0		
2022/01/11	ranigambhire	0.00 / 0	Rani Raghunath Gambhire	-- / 0		Laxman devra	-- / 0	M.A. Econo	-- / 0	2021-2022	-- / 0		8530281398	-- / 0		
2022/01/11	ashvintajane	0.00 / 0	Ashvin Tajane	-- / 0		L.d. sonawane	-- / 0	Ty B A Eco	-- / 0	2022	-- / 0		9112712293	-- / 0		
2022/01/11	amoladhadav	0.00 / 0	Jadhav amol dnyaneshwar	-- / 0		Laxman devra	-- / 0	MA econo	-- / 0	2022	-- / 0		9370557876	-- / 0		
2022/01/11	vrushalipawa	0.00 / 0	Vrushali sunil pawar	-- / 0		LAXMAN DEVRA	-- / 0	MA	-- / 0	2022	-- / 0		9629016630	-- / 0		
2022/01/11	pranilprabha	0.00 / 0	Pranil Gamare	-- / 0		Pranil Gamre	-- / 0	M.A Econo	-- / 0	2021-2022	-- / 0		9987819153	-- / 0		
2022/01/11	gayatri2shiva	0.00 / 0	Gayatri Datta Shivade	-- / 0		L.D. Sonawane	-- / 0	M. A Secor	-- / 0	2021-2022	-- / 0		8149968277	-- / 0		
2022/01/11	ghanashrikr	0.00 / 0	KHAMBALE DHANASHRI PRAKASH	-- / 0		L. D. Sonawane	-- / 0	T.Y.B.A	-- / 0	2021-22	-- / 0		9309534632	-- / 0		
2022/01/11	kulkarniswati	0.00 / 0	Swati kulkarni	-- / 0		K.M. Agrawal	-- / 0	M.A (econ	-- / 0	2022-2023	-- / 0		7678090229	-- / 0		
2022/01/11	poojaghodke	0.00 / 0	Pooja vilas Ghodke	-- / 0		K. M. Agrawal	-- / 0	M. A part 1	-- / 0	2021-22	-- / 0		7304022173	-- / 0		
2022/01/11	bhaveshwark	0.00 / 0	Warkade Bhavesh Dilip	-- / 0		L. D. Sonawane	-- / 0	M. A. Econo	-- / 0	2021-2022	-- / 0		9967879978	-- / 0		
2022/01/11	ankitapatil80	0.00 / 0	Patil ankita jayram	-- / 0		Laxman devra	-- / 0	M. A part 2	-- / 0	2021-2022	-- / 0		7066199793	-- / 0		
2022/01/11	ahirekajal468	0.00 / 0	Kajal sanjay Ahire	-- / 0		L.D. Sonawane	-- / 0	T.Y.B.A	-- / 0	2021-22	-- / 0		8356065875	-- / 0		
2022/01/11	gpp95945641	0.00 / 0	Gaurav Sudhir Pawar	-- / 0		K. M. Agrawal	-- / 0	MA part 2	-- / 0	2021-2022	-- / 0		9594464147	-- / 0		
2022/01/11	kajalwaghma	0.00 / 0	WAGHMARE KAJAL TUKARAM	-- / 0		L.D. Sonawane	-- / 0	M.A Part 2	-- / 0	2021-2022	-- / 0		9004502438	-- / 0		
2022/01/11	kvkshinde	0.00 / 0	Kashinath Laxman Shinde	-- / 0		L.D. S. Sonawane	-- / 0	MA (Eco.)	-- / 0	2021-2022	-- / 0		8422971866	-- / 0		
2022/01/11	bhunderedar	0.00 / 0	BHUNDERE DASHAN SOMNATH	-- / 0		MATOSHREE S	-- / 0	T.Y.B.A ECO	-- / 0	2021-22	-- / 0		9309561635	-- / 0		
2022/01/11	gaikwadmon	0.00 / 0	Monika Balaram gaikwad	-- / 0		K.M. Agrawal	-- / 0	MA econo	-- / 0	2021-22	-- / 0		7208470291	-- / 0		
2022/01/11	yogeshgulsiv	0.00 / 0	Yogesh Savlaram Gulvi	-- / 0		L.D. Sonawane	-- / 0	T.Y.B.A	-- / 0	2021-2022	-- / 0		7066886400	-- / 0		
2022/01/11	apurvikkolte	0.00 / 0	Apurv Vikas Kolte	-- / 0		L.D. Sonawane	-- / 0	T.Y.B.A	-- / 0	2021-22	-- / 0		8655827183	-- / 0		
2022/01/11	siddharthshir	0.00 / 0	MR. SIDDHARTH DAJIRAM SHINDE	-- / 0		L. D. Sonawane	-- / 0	M. A. Part	-- / 0	2021-22	-- / 0		7021328989	-- / 0		
2022/01/11	sarikasburkul	0.00 / 0	Sarika Santosh Burkul	-- / 0		L.d. sonawane	-- / 0	MA part 2	-- / 0	2021-22	-- / 0		8779358796	-- / 0		



# 'Research Methodology' certificate course students Attendance.

Timestamp	Student Full Name	Class	College Name/Institution Name	Mobile No.
1/28/2022 15:32:31	Pushpakmali	MA part 1	K.M.Agarwal	9833077791
1/28/2022 15:32:43	Apurv Vikas Kolte	T.Y.B.A	L.D.Sonwane College	8655827183
1/28/2022 15:33:01	Gaurav Pawar	MA part2	K. M. Agrawal college	9594464147
1/28/2022 15:33:05	Shinde Mohan Suresh	M.A Economics	Laxman Devram Sonawane	9730196543
1/28/2022 15:33:06	Shaikh Yasmeen Fatma Rasheed Ahmed	M. A part 1	L. D Sonawane college	9722648228
1/28/2022 15:33:07	Sukhadeo Laxman Kokatere	MA Part I	Laxman Devaram Sonawane	7769894026
1/28/2022 15:33:09	SAYLI ANILRAO DESHMUKH	MA	AGRVAL COLLEGE	9136348676
1/28/2022 15:33:10	Patil ankita jayram	M. A part 2	L. D sonawane college	7066199793
1/28/2022 15:33:14	RUCHIKA kharate	MA part 1	K M agrwal college	7977502696
1/28/2022 15:33:18	Patil sonali Ashok	Tyba	Laxman Devram sonawane	9967705023
1/28/2022 15:33:25	pooja Jha	MA economics	K M Agrawal college	7676496776
1/28/2022 15:33:27	Karina Uttam Patil	MA 2nd year	K.M.Agrawal College karina	8805850433
1/28/2022 15:33:28	Vrushali sunil pawar	M.A PART 1	L.d.sonawane college	9619016630
1/28/2022 15:33:31	Roshani Bharat Thale	TY.BA	Laxman devram sonawane	7738167233
1/28/2022 15:33:34	Ajay Ramsing Chavan	M.A (part 2)	K.M.Agrawal college	9987707693
1/28/2022 15:33:47	sagar rajendra jagtap	MA history part	L.D. sonawane college	9326033796
1/28/2022 15:33:49	Suraj Shankar Kapse	MA Economics	L.D.SONAWANE COLLEGE	9004500334
1/28/2022 15:33:52	Pooja vilas Ghodke	M. A Part1	K. M. Agarwal	7304022173
1/28/2022 15:35:23	Ruturaj Jagannath Gaonkar	MA ECONOMIC	Sonawane college	8828086302
1/28/2022 15:37:25	Ghoderao Chetan Gautam	MA Economics	Laxman devram sonawane	12
1/28/2022 15:42:35	Khambale Dhanashri Prakash	T. Y. B. A	L. D. Sonawane College	9309534632
1/29/2022 14:16:02	Khambale Dhanashri Prakash	T. Y. B. A	L. D. Sonawane College	9309534632
1/29/2022 14:16:11	Patil sonali Ashok	TYBA	Laxman Devram sonawane	9967705023
1/29/2022 14:22:01	sagar rajendra jagtap	M.A history part	L.D.Sonawane college	9326033796
1/29/2022 14:24:20	Harshada Sanjay Sonar	Ma part 1	Km Agrawal	8291159926
1/29/2022 14:33:51	Roshani Bharat Thale	TY.BA	Laxman devaram sonawane	7738167233
1/29/2022 15:35:50	Shinde Mohan Suresh	M A Economic	Laxman Devram Sonawane	9730195432
1/29/2022 15:38:21	Suraj Shankar Kapse	MA Economics	L.D.SONAWANE COLLEGE	7045033413
1/29/2022 15:44:02	Gaurav Pawar	MA part 2	K. M. Agrawal college	9594464147
1/29/2022 15:45:42	Vrushali sunil pawar	MA PART 1	L.d.sonawane college	9619016630
1/31/2022 10:26:25	Gaurav Pawar	MA part 2	K. M. Agrawal college	9594464147
1/31/2022 10:26:51	Patil sonali Ashok	TYBA	Laxman Devram sonawane	9967705023
1/31/2022 10:27:17	Kalyani Ramdas Chavat	MA	Agarwal college	8828520474
1/31/2022 10:27:17	Karina Uttam Patil	MA 2nd year	K.M. Agrawal College	8805850433
1/31/2022 10:27:25	pooja Jha	MA Economics	KM AGRAWAL COLLEGE	7676406776
1/31/2022 10:27:32	Shaikh Yasmeen Fatma Rasheed Ahmed	M. A part 1	L. D. Sonawane College	9722648228
1/31/2022 10:27:51	Khambale Dhanashri Prakash	T. Y. B. A	L. D. Sonawane College	9309534632
1/31/2022 10:28:23	sagar rajendra jagtap	M.A history part	L.D.sonawane college	9326033796
1/31/2022 10:29:43	Ajay Ramsing Chavan	M.A (part 2)	K.M.Agrawal college	9987707693
1/31/2022 10:37:49	Ruturaj Jagannath Gaonkar	MA ECONOMIC	Laxman Devram Sonawane	8828086302

1/31/2022 10:38:24	SAYLI ANILRAO DHESHMUKH	MApart 1	AGRAWAL COLLEGE	9136348676
1/31/2022 10:56:22	RUCHIKA Anil kharate	MA part 1	K m agrwal college	7977502696
1/31/2022 10:56:25	Shinde Mohan Suresh	M.A Economics	Laxman Devram Sonaw	9730195432
1/31/2022 10:56:35	Patil ankita jayram	M. A part 2	L. D. Sonavne college	7066199793
2/2/2022 17:17:35	Gaurav Pawar	MA part 2	K. M. Agrawal college	9594464147
2/2/2022 17:17:55	Kapse suraj Shankar	M.A. Economics	L.D.SONAWANE COLL	9004500334
2/2/2022 17:17:56	Ajay Ramsing Chavan	M.A (part 2)	K.m. Agrawal college	9987707693
2/2/2022 17:18:12	Karina Uttam Patil	MA 2nd year	K.M.Agrawal college ka	8805850433
2/2/2022 17:18:21	Patil sonali Ashok	TYBA	Laxman Devram sonaw	9967705023
2/2/2022 17:18:22	pooja Jha	MA ECONOMIC	KM AGARWAL	7676406776
2/2/2022 17:18:25	Kalyani Ramdas Chavat	MA	Agarwal college	8828520474
2/2/2022 17:20:27	Rani Raghunath Gambhire	MA part 2	Sonawane college kalya	8530281398
2/2/2022 17:23:20	sagar rajendra jagtap	M.A history part	L.D.Sonawane	9326033796
2/2/2022 17:35:51	SAYLI ANILRAO DESHMUKH	MA PART 1	AGR WAL COLLEGE	9136348676
2/5/2022 17:09:06	Patil sonali Ashok	TYBA	Laxman Devram sonaw	9967705023
2/5/2022 17:09:13	pooja Jha	MA ECONOMIC	km agrawal	7676406776
2/5/2022 17:09:25	SAYLI ANILRAO DESHMUKH	Ma part 1	AGR WAL COLLEGE	9136348676
2/5/2022 17:14:20	Kajal sanjay Ahire	T.Y.B.A	L.D.Sonwane	8356065875
2/5/2022 17:14:30	Yasmeen fatma Rasheed Ahmed Shaikh	M. A part 1	L. D sonawne college	9722648228
2/5/2022 17:15:00	Kashinath Laxman Shinde	MA (Eco.) Part	LDS	8422971866
2/5/2022 17:19:44	Suraj Shankar Kapse	MA Economics	L.D.SONAWANE COLL	9004500334
2/5/2022 17:50:40	Gaikwad ganesh shripat	MA economics	K m agrwal college	9967599315
2/10/2022 16:18:33	Patil Sonali Ashok	TYBA	Laxman Devram sonaw	9967705023
2/10/2022 16:18:40	Roshani Bharat Thale	TY.BA	Laxman devaram sonaw	7738167233
2/10/2022 16:25:11	Amar Namdev Vyapari	Ma part 2	Laxman devram sonaw	9119538531
2/10/2022 16:25:40	Khambale Dhanashri Prakash	T. Y. B. A	L. D. Sonawane	9309534632
2/10/2022 16:44:50	sagar rajendra jagtap	M.A history part	L.D.sonawane	9326033796
2/15/2022 17:12:30	Kalyani Chavat	MA	K.M Agrwal college	8828520474
2/15/2022 17:12:32	Roshani Bharat Thale	TY.BA	Laxman devram sonaw	7738167233
2/15/2022 17:12:54	Patil sonali Ashok	TYBA	Laxman Devram sonaw	9967705023
2/15/2022 17:13:44	Amar Namdev Vyapari	MA part 2	Laxman devaram sonaw	9119538531
2/15/2022 17:14:09	Aanisha Dalvi	TY BA	L.D SONAWANE COLL	9011199850
2/15/2022 17:14:30	DARSHAN SOMNATH BHUNDERE	TYBA	MSCT COLLEGE NERA	9309561635
2/15/2022 17:16:58	Yogesh Gulvi	T.Y.B.A	LD Sonawane	7066886400
2/15/2022 17:23:54	Khambale Dhanashri Prakash	T. Y. B. A	L. D. Sonawane College	9309534632
2/15/2022 17:27:43	Monika Balaram gaikwad	MA	K m Agrawal	7208470291
2/15/2022 17:28:32	SUKHADEO Laxman Kokatare	MA part I	Laxman Devaram Sonw	7769894026
2/15/2022 17:31:09	sagar rajendra jagtap	M.A History	L.D.sonawane	9326033796
2/15/2022 17:31:11	Yasmeen fatma Rasheed Ahmed Shaikh	M. A part 1 hist	L. D. Sonawne college	9722648228
2/15/2022 17:36:19	Pooja jha	M.A	K.M Agrawal	7676406776



2/15/2022 17:37:50	KAJAL Tukaram Waghmare	M.A Part 2	L.D.Sonawane College	9004502438
2/15/2022 17:40:04	MR. SIDDHARTH DAJIRAM SHINDE	M. A. -II Econo	L. D. Sonawane College	7021328989
2/17/2022 17:13:36	Pooja Jha	MA	Km Agrawal	7676406776
2/17/2022 17:13:46	Sukhadeo Laxman Kokatare	MA Part I	Laxman Devaram Sonw	7769894026
2/17/2022 17:14:20	Ajay Rsing Chavan	M.A (part 2)	K.m. Agrawal college	9987707693
2/17/2022 17:14:26	Yasmeen Fatma Rasheed Ahmed Shaikh	M. A part 1 hist	L. D. Sonawne College	9722648228
2/17/2022 17:14:36	Karina Uttam Patil	MA 2nd year	K.M.Agrawal College ka	8805850433
2/17/2022 17:14:37	Patil sonali Ashok	TYBA	Laxman Devram sonaw	9967705023
2/17/2022 17:15:16	Kajal Sanjay Ahire	T.Y.B.A	L.D.Sonawane	8356065875
2/17/2022 17:20:20	sagar rajendra jagtap	M.A history	L.D. sonawane	9326033796
2/17/2022 17:27:32	Khambale Dhanashri Prakash	T. Y. B. A	L. D. Sonawane College	9309534632
2/17/2022 17:56:18	SAYLI ANILRAO DESHMUKH	MA part 1	Agrwal college	9136348676
2/17/2022 17:59:55	Kajal Sanjay Ahire	T.Y.B.A	L.D.Sonawane	8356065875
2/17/2022 18:00:04	Ruturaj Gaonkar	MA Economics	LD Sonavne college	8828086302
2/17/2022 18:00:07	Ganesh shripat gaikwad	MA part 2 eco	K m agrwal college	9967599315
2/17/2022 18:00:13	Amar Namdev Vyapari	MA part 2	L.d sonawane college	9119538531
2/17/2022 18:00:24	Suraj Shankar kapse	M.A. economic	L.D.SONAWANE COLL	9004500334
2/17/2022 18:00:30	RUCHIKA kharate	M A part 1	K m Agrwal college	7977502696
2/17/2022 18:01:01	Vrushali sunil pawar	MA PART 1	L.d.sonawane college	9619016630
2/17/2022 18:01:51	Uddhav Vasudeo Thakare	MA part I	L D Sonawane College	7039181564
2/18/2022 17:57:21	Amar Namdev Vyapari	MA	L.d sonawane	9119538531
2/18/2022 17:57:30	Gaikwad ganesh shripat	MA economics	K m agrwal college	9967599315
2/18/2022 17:57:35	107	MA	Agarwal college	7678090229
2/18/2022 17:57:36	Pooja jha	MA ECO	Km Agrawal	7676406776
2/18/2022 17:57:44	Vrushali sunil pawar	MA PART 1	L D SONAWANE	9619016630
2/18/2022 17:57:46	Sukhadeo Laxman Kokatare	MA Part I	Laxman Devaram Sonw	7769894026
2/18/2022 17:57:59	Roshani Bharat Thale	TY.BA	Laxman devaram sonav	7738167233
2/18/2022 17:58:06	Uddhav Vasudeo Thakare	MA HISTORY	L D Sonawane College	7039181564
2/18/2022 17:58:06	SAYLI ANILRAO DESHMUKH	MA	Agrwal college	9136348676
2/18/2022 17:58:08	Ajay Ramsing Chavan	M.A (part 2)	K.m.Agrawal college	9987707693
2/18/2022 17:58:44	sagar rajendra jagtap	MA history	L.D sonawane	9326033796
2/18/2022 17:58:55	Patil sonali Ashok	TYBA Economic	Laxman Devram sonaw	9967705023
2/18/2022 17:59:19	Khambale Dhanashri Prakash	T. Y. B. A	L. D. Sonawane College	9309534632
2/19/2022 17:12:53	Sukhadeo Laxman Kokatare	MA Part I	Laxman Devaram Sonw	7769894026
2/19/2022 17:13:01	Swati kulkarni	Ma eco	Km Agarwal college	7678090229
2/19/2022 17:13:16	SAYLI ANILRAO DESHMUKH	MA PART 1	AGRVAL COLLEGE	9136348676
2/19/2022 17:13:27	Amar Namdev Vyapari	MA economic	L.D.Sonawane	9119538531
2/19/2022 17:15:41	sagar rajendra jagtap	ma history	l.d sonawane	9326033796
2/19/2022 17:16:38	Pooja vilas ghodke	M. A part?	Agarwal	7304022173
2/19/2022 17:19:41	Patil sonali Ashok	TYBA Economic	Laxman Devram sonaw	9967705023

2/21/2022 12:19:17	Gaurav Pawar	MA part 2	K. M. Agrawal college	9594464147
2/21/2022 12:19:32	Sukhadeo Laxman Kokatare	MA PART I	Laxman Devaram Sonw	7769894026
2/21/2022 12:19:33	Swati kulkarni	Ma eco	Km Agarwal college	7678090229
2/21/2022 12:19:37	Patil sonali Ashok	TYBA Economic	Laxman Devram sonaw	9967705023
2/21/2022 12:19:47	Shinde Mohan Suresh	M A Economic	Laxman Devram Sonaw	9730195432
2/21/2022 12:25:45	Pooja Jha	MA Economic	KM AGRAWAL	7676406776
2/21/2022 12:29:32	sagar rajendra jagtap	M.A history	L.D sonawane	9326033796
2/21/2022 12:30:30	sagar rajendra jagtap	M.A history	L.D sonawane	9326033796
2/21/2022 12:39:29	Amol dnyaneshwar jadhav	M.A ECONOMIC	Laxman devram Sonaw	9370557876
2/21/2022 12:59:26	Roshani Bharat Thale	TY. BA	Laxman devram sonaw	7738167233
2/21/2022 13:35:56	Ajay Ramsing Chavan	M.A part 2	K.m.agrawal college	9987707693
2/21/2022 13:40:32	SAYLI ANILRAO DESHMUKH	Ma part 1	Agrwal college	9136348676
2/21/2022 18:10:55	Swati kulkarni	Ma eco	Km Agarwal college	7678090229
2/21/2022 18:10:56	Amar Namdev Vyapari	MA economic	L D Sonawane	9119538531
2/21/2022 18:10:58	Vrushali sunil pawar	MA PART1	L D SONAWANE	9619016630
2/21/2022 18:10:58	Patil sonali Ashok	TYBA Economic	Laxman Devram sonaw	9967705023
2/21/2022 18:11:06	sagar rajendra jagtap	M.A history	L.D sonawane	9326033796
2/21/2022 18:11:11	Roshani Bharat Thale	TY.BA	Laxman devaram sonaw	7738167233
2/21/2022 18:11:43	Sukhadeo Laxman Kokatare	MA PART I	Laxman Devaram Sonw	7769894026
2/21/2022 18:12:39	Pooja Jha	MA	KM AGARWAL	7676406776
2/24/2022 17:49:15	Ruturaj Jagannath Gaonkar	MA ECONOMIC	Sonavne college Kalyan	8828086302
2/24/2022 17:49:19	Pushpak Dilip Mali	MA PART 1	K.M.AGARWAL COLLEGE	9833077791
2/24/2022 17:49:34	Sukhadeo Laxman Kokatare	MA PART I	Laxman Devaram Sonw	7769894026
2/24/2022 17:49:35	sagar rajendra jagtap	ma.history	l.d.sonawane	9326033796
2/24/2022 17:49:36	Vrushali sunil pawar	MA part 1	L D SONAWANE	9619016630
2/24/2022 17:49:42	Amar Namdev Vyapari	MA economic	L D Sonawane	9119538531
2/24/2022 17:49:45	Patil sonali Ashok	TYBA Economic	Laxman Devram sonaw	9967705023
2/24/2022 17:50:00	Ashwini Yogesh Pawar	TYBA	L D Sonawane college	9152770226
2/24/2022 17:50:04	Rani Raghunath Gambhire	MA	Sonawane college	8530281398
2/24/2022 17:50:05	Roshani Bharat Thale	TY.BA	Laxman devaram sonaw	7738167233
2/24/2022 17:50:23	Sukhadeo Laxman Kokatare	MA PART I	Laxman Devaram Sonw	7769894026
2/24/2022 17:50:54	Khambale Dhanashri Prakash	T. Y. B. A	L. D. Sonawane College	9309534632
2/24/2022 17:50:58	Kajal Sanjay Ahire	T.Y.B.A	l.d sonawane	8356065875
2/24/2022 17:53:27	Gaikwad ganesh shripat	MA.eco	K m agrwal	9967599315
2/25/2022 18:55:18	Amar Namdev Vyapari	MA economic	L.D.Sonawane	9119538531
2/25/2022 18:55:21	Patil sonali Ashok	TYBA Economic	Laxman Devram sonaw	9967705023
2/25/2022 18:55:27	Sukhadeo Laxman Kokatare	MA PART I	Laxman Devaram Sonw	7769894026
2/25/2022 18:55:37	Roshani Bharat Thale	TY.BA	Laxman devaram sonaw	7738167233
2/25/2022 18:55:45	Vishal Kashinath Gavitt	M.A	L.D.Sonavne	9867487377
2/25/2022 18:56:05	Khambale Dhanashri Prakash	T. Y. B. A	L. D. Sonawane College	9309534632



2/25/2022 18:56:11	Sukhadeo Laxman Kokatare	MA PART I	Laxman Devaram Sonw	7769894026
2/28/2022 18:08:43	Rani Raghunath Gambhire	MA	Sonawane college	8530281398
2/28/2022 18:08:50	Sukhadeo Laxman Kokatare	MA PART I	Laxman Devaram Sonw	7769894026
2/28/2022 18:10:01	Khambale Dhanashri Prakash	T. Y. B. A	I. D. Sonawane College	9309534632
2/28/2022 18:10:03	Patil Sonali Ashok	TYBA Economi	Laxman devram sonaw	9967705023

## students feedback

Timestamp	Email Address	Student Full Name	College Name	Class	Are you satisfied with the course?	How is the syllabus?	Is it applicable for the future studies?	Score
3/21/2022 16:15:26	ganesgaik	Gaikwad ganesh shripat	K.M agarwal co	MA	Yes	Excellent	Yes	0
3/21/2022 16:15:39	ruchikakha	Ruchika anil kharate	KM Agrawal co	MA	Yes	Good	Yes	0
3/21/2022 16:16:05	ashupawar	Pawar Ashwini Yogesh	Laxman Devran	TYBA	Yes	Good	Yes	0
3/21/2022 16:16:38	apurvkolte	Apurv Vikas Kolte	L.D.Sonawane	TYBA	Yes	Good	Yes	0
3/21/2022 16:17:44	kalyanicha	Kalyani Ramdas Chavat	K.M Agarwal co	MA	Yes	Excellent	Yes	0
3/21/2022 16:19:03	patilkarina	Karina Uttam Patil	K.M.Agrawal Co	MA	Yes	Average	Yes	0
3/21/2022 16:19:39	praw28686	WAGHMARE KAJAL TUKARAM	L.D. Sonawane	MA	Yes	Excellent	Yes	0
3/21/2022 16:22:12	saylideshm	SAYLI ANILRAO DESHMUKH	K.M.AGARWAL	MA	Yes	Excellent	Yes	0
3/21/2022 16:22:41	razviyasmi	Yasmeen Fatma Rasheed Ahmed Shaikh	L. D. Sonawane	MA	Yes	Excellent	Yes	0
3/21/2022 16:22:54	gaikwadmo	Monika balaram gaikwad	K M Agrawal	MA	Yes	Excellent	Yes	0
3/21/2022 16:22:54	kvkshinde	Kashinath Laxman Shinde	L D Sonawane	MA	Yes	Excellent	Yes	0
3/21/2022 16:24:36	sonalipatil	Patil Sonali Ashok	Laxman Devra	TYBA	Yes	Excellent	Yes	0
3/21/2022 16:24:38	thalerosha	Roshani Bharat Thale	Laxman devara	TYBA	Yes	Excellent	Yes	0
3/21/2022 16:31:17	kulkarnisw	Swati Vinayak Kulkarni	K.M.AGRAWAL	MA	Yes	Excellent	Yes	0
3/21/2022 16:31:32	pd mali777	PUSHPAK MALI	K.M.Agarwal	MA	Yes	Excellent	Yes	0
3/21/2022 16:31:48	ghoderaoc	Ghoderao chetan gautam	Laxman devran	MA	Yes	Good	Yes	0
3/21/2022 16:31:51	dhanashrik	KHAMBALE DHANASHRI PRAKASH	L. D. Sonawane	TYBA	Yes	Excellent	Yes	0
3/21/2022 16:33:48	bhundered	BHUNDERE DARSHAN SOMNATH	MATOSHREE	TYBA	Yes	Good	Yes	0
3/21/2022 16:40:44	surajkapse	Suraj Shankar Kapse	L.D.SONAWAN	MA	Yes	Excellent	Yes	0
3/21/2022 16:42:05	mohanshir	Shinde Mohan Suresh	Laxman Devran	MA	Yes	Excellent	Yes	0
3/21/2022 16:43:46	vyapariam	Amar Namdev Vyapari	L.D.Sonawane	MA	Yes	Good	Yes	0
3/21/2022 16:44:36	ranigambh	Rani raghunath gambhire	Sonawane colle	MA	Yes	Good	Yes	0
3/21/2022 16:45:00	ac9287569	Ajay Ramsing Chavan	K.M.Agrawal co	MA	Yes	Good	Yes	0
3/21/2022 16:46:17	amoljadha	Amol dnyaneshwar jadhav	L. D Sonawane	MA	Yes	Excellent	Yes	0
3/21/2022 16:46:42	vrushalipa	Vrushali sunil pawar	L D SONAWAN	MA	Yes	Excellent	Yes	0
3/21/2022 16:48:51	girishjagta	Girish kailas jagtap	L. D. Sonawane	MA	Yes	Good	Yes	0
3/21/2022 16:49:39	gp9594464	Gaurav Pawar	K M Agrawal co	MA	Yes	Good	Yes	0
3/21/2022 16:51:21	ruturaj543	Ruturaj Jagannath Gaonkar	Laxman Devran	MA	Yes	Excellent	Yes	0
3/21/2022 16:53:46	ankitapatil	Patil ankita jayram	Laxman devran	MA	Yes	Excellent	Yes	0
3/21/2022 17:03:44	poojaghos	Pooja vilas ghoske	K. M. Agarwal	MA	Yes	Good	Yes	0

3/21/2022 17:07:48	aanishada	Aanisha Dalvi	L D. Sonawane	TYBA	Yes	Good	Yes	0
3/21/2022 17:25:27	srjagtap87	sagar rajendra jagtap	L.D Sonawane	MA	Yes	Excellent	Yes	0
3/21/2022 17:28:33	ahirekajal4	Ahire kajal sanjay	I.d. sonwane	TYBA	Yes	Excellent	Yes	0
3/21/2022 17:34:54	apurvkolte	Apurv Vikas Kolte	L.D.Sonawane	TYBA	Yes	Good	Yes	0
3/21/2022 17:43:45	harshadas	Harshada sanja sonar	K m Agrwal	MA	Yes	Good	Yes	0
3/21/2022 18:22:35	yogeshguli	Yogesh Savlaram Gulvi	L.D Sonwane	TYBA	Yes	Good	Yes	0
3/21/2022 18:28:43	sukhadeok	SUKHADEO LAXMAN KOKATARE	L D S Collage	MA	No	Good	Yes	0
3/21/2022 19:30:20	siddharths	MR. SIDDHARTH DAJIRAM SHINDE	L. D. SONAWA	MA	Yes	Good	Yes	0
3/25/2022 10:13:22	jhapoojam	Pooja kumari Jha	K.M AGRAWAL	MA	Yes	Excellent	Yes	0
3/27/2022 17:38:04	Jhapoojam	Jha pooja kumari	K.M AGRAWAL	MA	Yes	Excellent	Yes	0

sample certificate



**K.M.AGRAWAL COLLEGE, KALYAN (W)**  
&  
**L.D.SONAWANE COLLEGE, KALYAN (W)**



**CERTIFICATE OF COMPLETION**

This is to certify that Mr. / Ms. **SUKHADEO LAXMAN KOKATARE**  
of **L D S Collage Kalyan , MA**

has completed **30 Hours Online** Certificate Course on '**Research Methodology**', organized by **Departments of Economics** of K.M.Agrawal College & L.D.Sonawane College, of Kalyan, Dist. Thane, in Association with **IQAC**, in the Month of January and February 2022.

Subject Expert

Asst.Prof.  
L.D.Sonawane College.

HOD OF Economics & Co-Ordinator Of IQAC

Professor  
K.M.Agrawal College.

PRINCIPAL

I/C Principal  
L.D.Sonawane College.

PRINCIPAL

Principal  
K.M.Agrawal College.

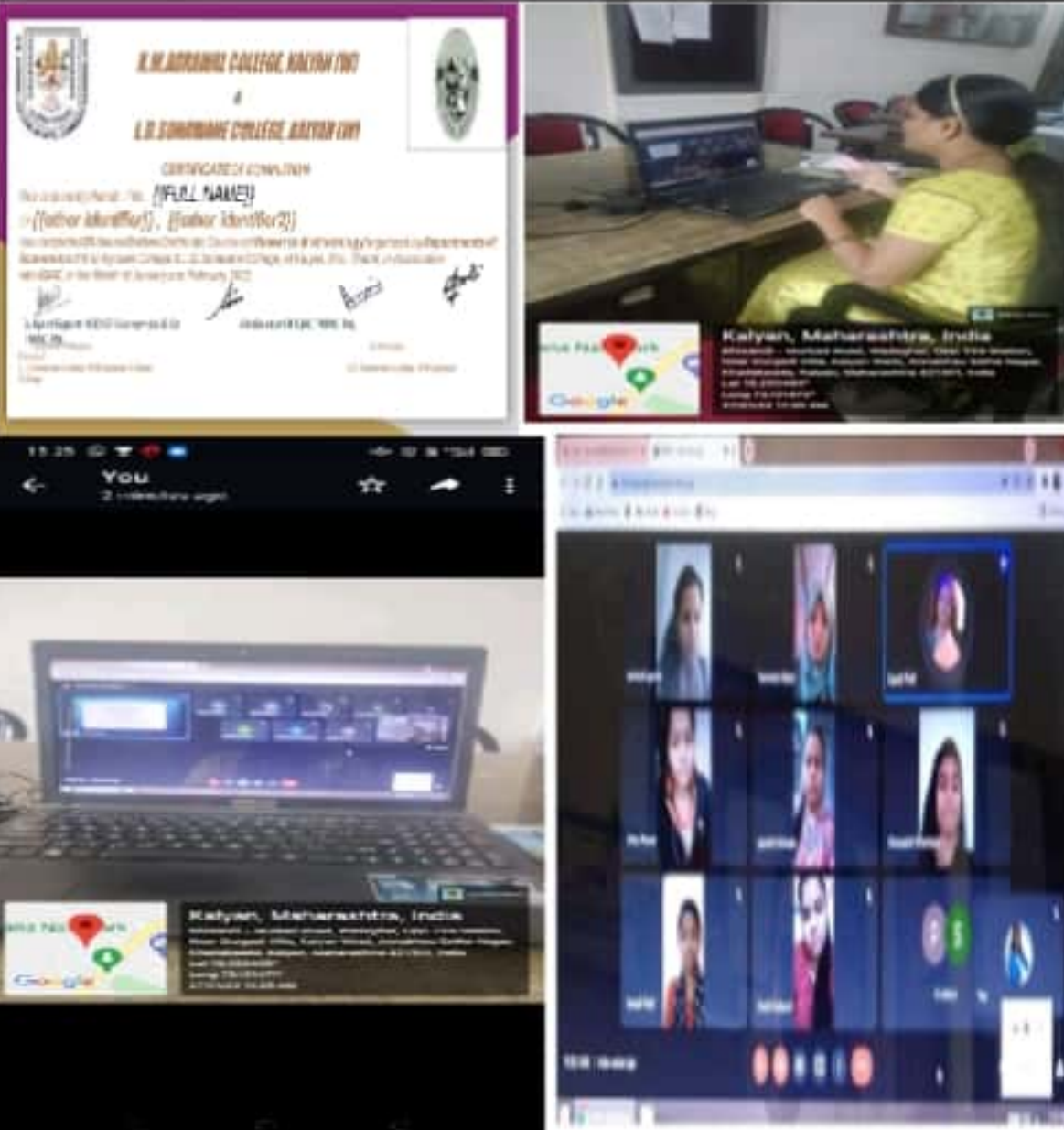
Made for free with Certify'em



## **RESEARCH METHODOLOGY CERTIFICATE COURSES Report for the Year 2021-22**

### **1. 30 Hours Research Methodology Certificate Course from January to February**

<b>Activity Name</b>	30 HOURS "RESEARCH METHODOLOGY" CERTIFICATE COURSE FOR UG AND PG LEVEL STUDENTS OF ECONOMICS.							
<b>Guest Speaker</b>	<b>Dr.Ratna Nimbalkar, Dr Snehal Deshmukh, Mrs Shalaka Chavan, Mrs Pranali Bhosale.</b>							
<b>Objective Activity:</b>	<b>Of</b>	Students will get Benefits in their project work and as well as their future research work. Students will understand the meaning of research. They have started small research and also write articles on current economics areas their articles may be published in journals, newspapers, etc.						
<b>Attendees:</b>	<b><u>Staff Of College:</u></b> Mrs Rupali M. Patil-Asst Prof Of Economics-L.D.Sonawane College Dr Ratna Nimbalkar- HOD, Department of Economics-K.M. Agrawal College Dr Snehal Deshmukh-HOD –Department of Economics-Tippins College Mrs Shalaka Chavan-HOD-Department of Economics-Saket College Mrs.Pranali Bhosale-Asst.Prof of Economics-Model College <table><tr><th>No. of colleges</th><th>No. of students</th><th>No. of faculties</th></tr><tr><td>02</td><td>52</td><td>05</td></tr></table>		No. of colleges	No. of students	No. of faculties	02	52	05
No. of colleges	No. of students	No. of faculties						
02	52	05						
<b>Activity Details:</b>	Days: 30 hrs. The month of January and February Date:-28 January Timing: 4.00 pm							
<b>Platform</b>	Online- Meet							
<b>Description Of Activity/ Summary:</b>	The Research Methodology certificate course Started with a Formal Welcoming and Introducing speakers. The certificate course Started with an Initial Discussion on The Knowledge Of research methodology.							
<b>Take away</b>	Importance and knowledge of online Research Methodology.							

Take away	Importance and knowledge of Research Methodology.
Photos	 <p>The collage consists of five photographs. The top-left photo is a certificate from K.M. Adarsh College, Kalyan (W) and L.D. Somnath College, Kalyan (W) for a student named [FULL NAME] who completed the course on Research Methodology. The top-right photo shows a person in a yellow shirt working on a laptop. The bottom-left photo shows a laptop screen displaying a Google Maps location for Kalyan, Maharashtra, India. The bottom-right photo is a screenshot of a video conference with multiple participants.</p>



Kalyan Wholesale Merchant's Education Society's

# LAXMAN DEVRAM SONAWANE COLLEGE OF ARTS & COMMERCE

Kalyan (West)

ACCREDITED BY NAAC WITH 'B' GRADE

Permanently Affiliated to University of Mumbai

Linguistic Minority Institution

ISO 9001 : 2015 Certified Institution

Ref. No. LDS/2021-22/cert/385

Date : 02-03-22


To,  
Dr. Ratna Nimbalkar,  
Head of the Economics Department,  
& IQAC Co-coordinator ,  
K.M. Agrwal College, Kalyan (west).

## Subject – Online Lectures for Certificate Course.

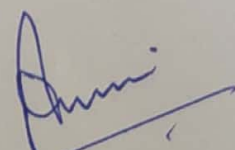
Dear Madam,

We extend our sincere thanks as you have delivered Online Lectures on 'Research Methodology', and co-operated in completion of 30 hours, Inter-collegiate certificate course, conducted by Departments of Economics of K.M. Agrawal College and L.D.Sonawane College Kalyan (W), in association with IQAC, in the month of January and February 2022.

We expect your co-operation in future.  
Once again thank you

  
Convener  
Mrs. Rupali M. Patil



  
PRINCIPAL  
LAXMAN DEVRAM SONAWANE  
COLLEGE OF ARTS & COMMERCE  
KALYAN (W)- 421 301.





Kalyan Wholesale Merchant's Education Society's  
**LAXMAN DEVRAM SONAWANE COLLEGE OF ARTS & COMMERCE**  
KALYAN (West)

ACCREDITED BY NAAC WITH 'B' GRADE

Permanently Affiliated to University of Mumbai

Linguistic Minority Institution

ISO 14001 : 2015 Certified Institution

Ref. No. LDS/2021-22/cert/385

Date : 02-03-22


To,  
Dr. Snehal Deshmukh  
Assistant Professor &  
HOD of Economics Department  
Matoshree Sumati Chintamani Tipnis Arts &  
Commerce College Neral. Dist- Raigad.

**Subject – Online Lectures for Certificate Course.**

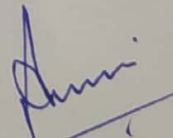
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Once again thank you

  
Convener  
Mrs. Rupali M. Patil



  
Principal  
LAXMAN DEVRAM SONAWANE  
COLLEGE OF ARTS & COMMERCE AND SCIENCE



Kalyan Wholesale Merchant's Education Society's

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Linguistic Minority Institution

ISO 9001 : 2015 Certified Institution

Ref. No. LDS/2021-22/Cert/385

Date : 02-03-22


To,  
Mrs. Shalaka Chavan,  
Assistant Professor &  
HOD of Economics Department  
Saket College of Arts, Science &  
Commerce, Kalyan (E).

**Subject – Online Lectures for Certificate Course.**


Dear Madam,

We extend our sincere thanks as you have delivered Online Lectures on 'Research Methodology', and co-operated in completion of 30 hours, Inter-collegiate certificate course, conducted by Departments of Economics of K.M. Agrawal College and L.D.Sonawane College Kalyan (W), in association with IQAC, in the month of January and February 2022.

We expect your co-operation in future.  
Once again thank you

  
Convener  
Mrs. Rupali M. Patil



  
**PRINCIPAL**  
LAXMAN DEVRAM SONAWANE  
COLLEGE OF ARTS, SCIENCE & COMMERCE  
KALYAN (W)- 421 301.





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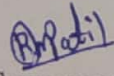
To,  
Mrs. Pranali Prakash Bhosale,  
Assistant Professor,  
Department of Economics.  
Model College of Science and Commerce,  
Kalyan (E).

**Subject – Online Lectures for Certificate Course.**

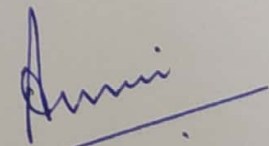
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Once again thank you

  
Convener  
Mrs. Rupali M. Patil



  
I/C Principal  
Mrs. Annie Antony  
**PRINCIPAL**  
L. D. SONAWANE COLLEGE OF  
Arts & Commerce, Kalyan (W)





SHRI JAGDISHPRASAD JHABARMAL TIBREWALA UNIVERSITY

श्री जगदीशप्रसाद ज़ाबरमल टिबरेवाला विश्वविद्यालय

(Constituted by Shri Jagdishprasad Jhabarmal Tibrewala)

Indapur Road, Pimpri - Chinchwad Road, Dist. - Pune, Maharashtra - 411004

(Established by U.O. No. 10518045, dated 10/01/2018 and by U.O. No. 10518045, dated 10/01/2018, Govt. of Maharashtra)

## Provisional Degree Certificate

### Doctor Of Philosophy

*It is Certified that the thesis titled 'HYBRID CONVOLUTIONAL NEURAL NETWORK (CNN)+ MULTILAYER PERCEPTRON(MLP) METHOD FOR WASTE SEGREGATION OF DEGRADABLE SOLIDS TO PROMOTE RECYCLING '*

*Submitted by Ms. Nrupura Ramnath Dixit For the Degree of Doctor of Philosophy In the Subject of Computer Science Has been approved by the President on 09/04/2022.*

The Ph.D. degree has been awarded in compliance of the University Grants Commission (Minimum standards and procedures for award of Ph.D. Degree) Regulation July 2016.

Ref No:- JJT/Ph.D./Degree/ 3646

Issue Date : 11/04/2022

Jhabarmal

Registrar



Note :- Degree of Ph.D. subject to confirmation after the formal approval by the Board of Management.



## IMPACT OF COVID ON FITNESS INDUSTRY

RESEARCH SCHOLAR - RAVI M AHUJA

E-mail Address:-[ravjahuja269@gmail.com](mailto:ravjahuja269@gmail.com), [ravi\\_ahuja18@yahoo.com](mailto:ravi_ahuja18@yahoo.com)

Mobile Number: 9860880615

Shri J.J.T.University

**ABSTRACT:-**With the coronavirus pandemic confining people within the bounds of their homes on and off since March last year, the fitness industry also saw a major slump. Gyms and other fitness centres were seen to be one of the places where the virus would spread quickly, likely due to shared machines, towels, a lot of shared space, and the heavy breathing that came along with fitness, and so, the avenues to go out and exercise were shut off, at least for some time. While this was enough for fitness lovers to take up exercising from home. According to a report by mobile data and analytics provider App Annie, 2020 saw about 71,000 new fitness and health apps being launched, which was a 13% increase over 2019. Moreover, according to an article published on the World Economic Forum website, there was a 46% increase in downloads of health and fitness apps across the world. The pandemic has shown how staying fit is need of an hour and this research covers the importance it holds in future.

**Keywords:-** Fitness, Pandemic, Fitness Apps, Trends.

**INTRODUCTION:-**A recent survey conducted by the Indian Psychiatry Society shows a rise in mental illness patients by up to 20 per cent. One out of every five Indians suffers from mental illness (ICMR data, January 2020). During the current lockdown, the vulnerable population is more prone to slip into mental illness, and the worst part of it is that these people aren't even unaware. There is a need to be more vocal and discuss mental illness on a frequent interval and at multiple levels. We want to provide health for all. But the primary concern is that our investment in health is minimum. A nation is healthy only when its people are healthy. The coronavirus lockdown is going to create financial instability which, in turn, may lead to mental instability for people across nations. India being a low middle-income country will be amongst the worst sufferers. Today, due to this lockdown, we are forcing people to stay indoors and work from home, but we need to come out with solutions to handling the tough times after the lockdown.

A significant finding of the survey details the future shape of a post-pandemic reality. The survey highlights how consumers have adopted digital fitness solutions to counter the physical restrictions posed by the pandemic.

The extended lockdown drove a massive surge in the demand for virtual classes for yoga (87%) and high-intensity interval training (HIIT) cardio workouts such as Zumba (72%), aerobics (67%), and Pilates (22%). Moreover, an overwhelming 84% of fitness enthusiasts tried live-streaming fitness classes at least thrice during the lockdown – marking a significant increase over the corresponding numbers in 2019, which stood at 29%. During the lockdown, 77% of Indians also tried to stay fit by combining household chores with virtual classes and DIY home workout routines.

Somewhat unsurprisingly, it was the younger audiences who led this charge in the demand for virtual fitness. Consumers between 25 and 34 years of age were the most willing to adopt digital fitness solutions, with female users (60%) being more open to virtual classes than male users (40%). Major urban centres such as Bengaluru, Mumbai, and Delhi/NCR

## MARKETING EFFICIENCY OF INDIA'S HORTICULTURAL COMMODITIES

RESEARCH SCHOLAR - RAVI AHUJA

E-mail Address:-ravi\_ahuja18@yahoo.com

Mobile Number: 9860880615

Shri J.J.T.University

**Abstract:-**India's horticulture sector is growing and playing a vital role in the continent's agricultural economy. India is the second largest producer of fruit and vegetables globally, but horticultural development is currently constrained by poor marketing. The gap between prices received by farmers and those paid by consumers is large, reflecting inefficient marketing arrangements. This study estimates the market costs, market margins, price spread, the producer's share of the consumer's rupee and the market efficiency of horticultural commodities under different supply chains, and suggests measures to improve marketing efficiency. The study was conducted in the states of Andhra Pradesh, Karnataka, Tamil Nadu, Punjab, Rajasthan, West Bengal, Manipur and Mizoram, covering 29 crop types. The results show that, in the case of most commodities, marketing costs, marketing margins, transport costs and labour charges adversely affect marketing efficiency, and open market price, volume of produce handled and net price received increase market efficiency or have a positive effect. The highest marketing efficiency was found in the producer-to-consumer channel. Government policies should promote direct marketing models for more efficient horticultural marketing. To promote the interest of Horticulture in India there are various subsidies which are being used by the supply chains.

**Keywords-**Marketing Efficiency; Horticultural Commodities; Subsidies; India

**Introduction:-**Horticulture is a branch of agriculture that deals with the art, science, technology, and business of plant cultivation. Although horticulture is a division of agriculture which deals with plant gardening, it is actually different from agriculture. Further, horticulture strictly involves plant cultivation while agriculture deals with the cultivation of crops as well as animal farming. Also, horticulture is usually done on smaller, enclosed plots while agriculture is done on extensive pieces of land on a large scale. In India, horticulture is promoted by the National Horticulture Board (NHB).

In simpler term Marketing is a process of commercial transactions of Buying and Selling. This is however neither true nor simple as that. Horticulture includes cultivation of fruits, vegetables, ornamental, foliage trees and shrubs etc. Horticultural fresh produces after passing through different phases such as harvest, loading, unloading, Grading, Packaging, Storing etc. lend up in markets for dispersal to consumer. The entire marketing process includes functions of Production Planning, Production and dissemination of Market information, financing of markets and their administration, the activities of marketing intermediaries, the provision of training and extension to individuals and groups involved in marketing, and research activities etc.

Importance of horticultural crops is felt all over the world for which Horticulture in Assam is also rapidly rising. The marketing of horticultural crops is complex and risky due to their unique of conditions. Because of their high perish ability, season ability and bulkiness, horticultural crops require special care and attention in providing time, form and space

## THE IMPACT OF E- PHARMACEUTICAL INDUSTRY IN INDIA

**AUTHOR'S NAME: PROF. RAVI AHUJA**

**Research Scholar of Shri J.J.T. University**

**E-mail Address:- ravi\_ahuja18@yahoo.com**

**Mobile Number: 9860880615**

**Abstract:-**The marketing environment of India is developing rapidly, since the demonetization our country has started using the online payment options increasingly with various payment applications such as Paytm, google pay etc and this has waved a green signal for many industries to go for online business and as today online business offers almost everything including medicines. Under the e-pharmacies format, patients fill out their prescriptions online and get medicines delivered to their doorsteps. The global e-pharmacy market, estimated at \$69.7 billion in 2019, is expected to grow 17 per cent y-o-y to \$244 billion in 2027.

India's share in the global market is comparatively small. At \$9.3 billion in 2019, it is expected to increase at a CAGR of 18 per cent to \$18 billion by 2023. In 2020, Covid 19 has pushed many consumers towards buying their medicines online. A report also shows that over 60 to 70% of the medicines that are ordered through e-pharma platforms are from chronic patients as it more affordable and accessible for them. The growth of e-pharmacy in India is evident due to positive experience coupled with stronger adoption among low-income households.

**Keywords:-** E-commerce, e-pharma, applications, India.

**Introduction:-**Nowadays, many online industries are growing as people in the country are adapting to e-commerce rapidly with mobile first consumer behavior and improved digital payments infrastructure. In developed countries of North America and Europe, e-pharmacy is a flourishing market and is also structured, where the medicines are prescribed by doctors and tracked through barcoding to ensure systematic supply.

In India however, we have over eight lakh pharmacies, with pharmacies available every few kilometers. The e-pharmacies and healthcare companies have only recently grown in India because of Covid 19, improved Internet reach and smartphone penetration. The Indian e-pharmacy industry is some of well-known names in the market are Netmeds, EasyMedico and MedLife.

They are many startups that have also come up in the industry such as 1mg, Practo and Myra, even big retail stores like Apollo pharmacy have introduced their e-pharmacy segment.

In Indian pharmaceutical market is the third largest in terms of volume and 13th largest in terms of value. According to EY, the online pharmacy market in India is estimated to reach \$2.7 billion by 2023 from \$360 million which it is currently at.

In India, the retail pharma market is divided into 3 broad segments which are generic drugs, over the counter (OTC) drugs and patented products. Some of the country's largest conglomerates and multinational e-commerce companies are looking to invest and get a foothold in this sector. For example Amazon has recently invested over \$100 million in the largest Indian pharmacy chain Apollo Pharmacy.

# A STUDY OF FOREIGN DIRECT INVESTMENT IN INDIAN PHARMACUETICAL SECTOR

RESEARCH SCHOLAR - ATUL S PANDEY

Department of Management (BMS / BAF)

E-mail Id: atulpandey127@gmail.com

Mobile no: 7977950485

**Abstract:-** India is a prominent and rapidly growing presence in global pharmaceuticals. It is the largest provider of generic medicines globally, occupying a 20% share in global supply by volume, and also supplies 62% of global demand for vaccines. What is clear is that the time is right for all stakeholders, from government, academia and industry to invest in this future, to achieve the Indian government's target of becoming a \$5 trillion economy by 2025. However, to do so, the pharma industry will need to take some well- thought-out risks, embrace the right opportunities and, importantly, fire on all cylinders! One solution to reduce risks is to optimise the potential of digital technologies to help Indian pharma companies improve the efficiency and effectiveness of their drug development process, from discovery, through clinical trials to regulatory approval, making the whole process faster and cheaper than what is currently possible

**Key Words:-** FDI, India Pharmaceutical Sector, Pharma Industry, FDI Inflows, Nifty Pharma

## I. INTRODUCTION

India is recognized as global hub for cost effective generic medicines, which is vital in protecting the right to health in developing and underdeveloped countries. FDI is necessary to bring newer and safer technology in India. However, present policies on FDI in India need a relook. Government in India should also make sure that excessive foreign investment does not hamper the local business and companies (especially one involved in Generic medicine), market and the pricing of medicines in India. The startup policies of current NDA government, Pharma Vision 2020 and its proper implementation are important in this regard. The FDI in pharma sector will serve its purpose if suggestions mentioned herein above are implemented properly. Pharmaceutical industry India plays a very crucial role in implementing the welfare state of the people. The economic growth of the industry along with the availability of generic goods and healthy competition is the need of the hour for India. After analyzing the pros and cons of the FDI in the Indian Pharmaceutical Industry, it is established that India needs adequate FDI and its spillovers for the growth of the industry. The government has remained active in formulating policies to ensure overall growth of the industry. From 2001 onwards 100% FDI in pharmaceutical Industry has been allowed This has benefitted the pharma sector. From 2006-10, as many as 6 top Indian Companies have been acquired by the MNCs. This has not resulted in price rise or limited supply of generic goods. India is a huge potential market for the MNCs with competent and cheap workforce. However the concerns relating to FDI in pharma sector remain. Though the statistics don't show them, they may surface over a period of time. For this purpose some control of government over the FDI in pharma sector was needed. The Central Government has notified that in cases of Brownfield investments in the pharmaceutical sector, FDI will be allowed through the FIPB approval path for a period of up to six months. In this period, the government will put in place the essential enabling mechanism for oversight by the competition commission of India. After six months, the oversight will be done by the



## An Investigation into Artificial Intelligence and the Challenges it Faces

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### 5. Ahmet Ali Sözen

Computer Engineering, Isparta University of Applied Sciences, Turkey

### Abstract

Dartmouth College was the site of the initial research and development of AI in 1956. Cognitive scientist Marvin Minsky has a positive outlook for the development of technology in the future. The state of the government's finances worsened throughout the years 1974–1980, and many people were critical of the progress that had been accomplished in this area. An approach to the construction of a computer, a robot, or a product is referred to as artificial intelligence (AI). Artificial intelligence (AI) attempts to solve problems in the same way as the human brain does by thinking, learning, and making decisions. In conclusion, this research presents the publication of intelligent software systems. AI enables technology companies to perceive the system, which then processes and responds to the data that has already been produced or acquired by its sensors, such as the camera. The burden placed on humans to carry out a variety of jobs on a consistent basis can be significantly lessened with the help of artificial intelligence. By repeatedly doing what its human programmer instructs it to do, technology can finally learn how to function properly. The automation of many operations helps reduce the amount of time spent on tedious and repetitive work. They are able to make optimal decisions since they are based on various signals. Artificial intelligence has had a positive impact on society thus far, bringing with it contributions that make life easier for us as human beings. These contributions include improving our routine with virtual and home assistants, as well as effectively storing and analyzing data in a variety of industries. It is anticipated that artificial intelligence would generally have a beneficial impact rather than a negative one on society. This is despite the fact that new uses for technology require it to go through a number of learning experiences and face a number of hurdles as it develops. It is essential to have a good understanding of the differences between human intelligence and artificial intelligence in order to better prepare for the future society in which artificial intelligence (AI) will have the most far-reaching impact on our lives. This can be accomplished by having a good understanding of the differences between AI and human intelligence. The act of reflecting on one's own experiences is an essential component of both human and biological intelligence. The future of artificial intelligence is in no way a dystopian vision, but as users, we need to be aware of the dangers that come with developing AI and





## Waste Segregation of Degradable Solids to Promote Recycling Using Hybrid Convolutional Neural Network (Cnn) + Multilayer Perceptron (Mlp) Method

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**Abstract:** Waste segregation, in layman's terms This includes dividing trash into dry and wet categories in simple words. Human garbage is piling up in landfills, and scavengers are frequently compelled to go through it physically, which is very hazardous to their health. Using a high-tech computerized automatic waste segregation technique, recyclable rubbish may be sorted at the user's location. There are a variety of ways for determining the kind of rubbish in a given area. Neural Networks (NN), Convolutional Neural Network (CNN), Faster Recurrent Convolutional Neural Network (R-CNN), and Neural Networks (NN). New waste segregation algorithms are developed using a Hybrid Multilayer Convolution Neural Network (HMCNN), a hybrid of CNN and MLP, after assessing the present approaches. This algorithm is based on CNN and MLP. A type of artificial intelligence known as convolutional neural networks (CNNs) has triggered a revolution in video processing since it is the most advanced image identification and categorization system. Images may be classified and identified by using Convolutional Neural Networks (CNNs). In a typical CNN, convolutional, pooling, and dense layers all work together. A feed-forward learning artificial neural network known as a Multilayer Perceptron (MLP) (ANN). Back propagation, a supervised learning approach, is used by MLP when it comes to training. Unlike a linear perceptron, the MLP has many layers and non-linear activation. Imager, sensor, and classification systems comprise this Multilayer Hybrid System's three main components (MHS). According to the results of this study, the suggested approach has the potential to improve waste separation efficiency and effectiveness.

**Keyword:** Waste segregation , Neural Networks (NN), Convolutional Neural Network (CNN), Faster Recurrent Convolutional Neural Network (R-CNN), Tensor-Flow Object Detection Application.

# Morphometric Analysis of Irai River Basin

Chandrapur District, Maharashtra India.

1. Sheetal S. Asekar

Research Scholar, Department of Geography, University of Mumbai.

2. Dr. B. B. Sonule

Research Guide, Former Professor and Head, Department of  
Geography, University of Mumbai.

---

## Abstract:

Measurement of the shape, or geometry, of any natural form—be it plant, animal or relief features—is termed Morphometry (A.N. Strahler, 1969). Morphometric analysis is significant for investigation and management of the watershed, to prepare a comprehensive watershed development plan it becomes necessary to understand the topography. Erosional status and drainage pattern of the area. This study was undertaken to determine the drainage characteristics of Irai river basin and the area of the basin is 1276 km<sup>2</sup>, central India using Geographic Information system (GIS) techniques were used in evaluation of linear and areal aspects of morphometric parameters. Such as stream order (Ns), stream length (Lu), bifurcation ratio (R<sub>b</sub>), drainage density (D<sub>d</sub>). The analysis reveals that drainage pattern is dendritic and includes a sixth order stream. The stream of lower order mostly dominates the basin, the development of stream segments in the basin area is more or less affected by rainfall, the stream orders of the basin area mainly controlled by physical and lithological conditions of river basin area.

## Keyword:

Geometry, Morphometric analysis, Watershed, Drainage pattern. Lithological





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Coordinator

Director

July 19, 2022, Mumbai



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## **Futuristic Directions in Applied Sciences, Education and Research** (July 31, 2021)

This is to certify that Dr./Mr./Ms. Atul S Pandey has participated and presented a paper titled “BIOTECHNOLOGY INDUSTRY IN INDIA : OPPORTUNITIES OR CHALLENGES” in the National Conference on *Futuristic Directions in Applied Sciences, Education and Research* held online on July 31, 2021 organized by Institute of Science, Shri Jagdishprasad Jhabarmal Tibrewala University, Vidyanagari, Chudela, Jhunjhunu- 333 001, Rajasthan, India.

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International Symposium on the theme of "Research Conclave on Industry  
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Dr. B. N. Sonawane

Head of Department, Physics  
(Department of Physics & Electronics)

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“Impact of covid on fitness industry ” in the National Conference on Emerging  
Challenges and Opportunities for Healthy Lifestyle held on September 25, 2021 organized by Institute  
of Physical Education, Sri Jagdishprasad Jhabarmal Tibrewala University, Vidyanagri, Chudela,  
Jhujhunu, Rajasthan.***

**President**  
**Er. Bal Krishan Tibrewala**

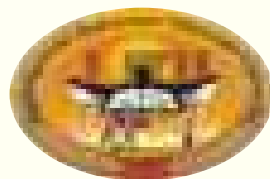
**Registrar**  
**Dr. Madhu Gupta**

**Convener**  
**Dr. Jolly Ojha**

**Co-Convener**  
**Dr. B. N. Chougule**

# Shri Jagdishprasad Jhabarmal Tibrewala University

Vidyanagari, Jhunjhunu-Churu Road, Jhunjhunu, Rajasthan - 333 001



## **Futuristic Directions in Applied Sciences, Education and Research** (July 31, 2021)

This is to certify that **Dr./Mr./Ms. Ravi Mohan Ahuja** has participated and presented a paper titled **“MARKETING EFFICIENCY OF INDIA'S HORTICULTURAL COMMODITIES”** in the National Conference on *Futuristic Directions in Applied Sciences, Education and Research* held online on July 31, 2021 organized by Institute of Science, Shri Jagdishprasad Jhabarmal Tibrewala University, Vidyanagari, Chudela, Jhunjhunu- 333 001, Rajasthan, India.

Convener  
**DR. ARUN KUMAR**

Organizing Secretary  
**DR. DHIRENDRA YADAV**

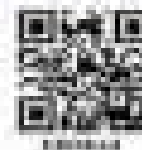
Registrar  
**DR. MADHU GUPTA**

President  
**SHRI BAL KRISHAN TIBREWALA**



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**Seven Days National workshop  
on  
Research Methodology for Social  
Sciences**



**Federal Research Management  
Association - India**



**Department Educational Institution  
(Declared to be University), Jammu**

**CERTIFICATE**

This is to certify that **Sumita Singh, Assistant Professor from U.D Jammu College  
Bhatnagar** has participated in Seven Days National workshop on Research Methodology for Social  
Sciences held on July 05—11, 2023.

**Dr. Vijay K. Dhill**  
Convener

**Dr. Bhawana Jober**  
Workshop Chair

**Prof. C. P. Sharma**  
Patron

**Prof. Vijay K. Gangal**  
Patron

Gujarat Research Society's

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Autonomous, NAAC Re-Accredited : 'A+'

*HJCE Centre for Innovation – Research Centre of HJ College of Education*

Organized

CAPACITY BUILDING PROGRAMME AND PRE-PH.D. COURSE IN  
"RESEARCH METHODOLOGY IN SOCIAL SCIENCES"



**17<sup>th</sup> February to 3<sup>rd</sup> March, 2022**

## Certificate

This certificate is awarded to Manya Hardwani of H.R.College, Churchgate for successfully completing the One Week online Pre-Ph.D. Course in "Research Methodology in Social Sciences" organized by 'Centre for Innovation at Hansraj Jivandas College of Education from February 17<sup>th</sup> to March 3<sup>rd</sup>, 2022 as per the regulations of minimum standards course work required for Ph.D. Programmes.



*Anita Swami*  
Dr. Anita Swami  
Principal



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## Certificate of Participation

THIS IS TO CERTIFY THAT

# Mrs. Manya Kishin Hardwani

Assistant Professor, L. D. Sonwane College, Kalyan

has successfully participated in an Online One Week International Workshop/FDP on  
"Research Paper Writing" held from April 11-17, 2022, and  
organized by Excellence Brings Success (EBS), New Delhi.

**Ms. Simran Kaur**  
Resource Person

**Prof. (DR.) Sima Singh**  
Coordinator

**Dr. Sanjay Kumar**  
Chairperson EBS



**Konkan Gyanpeeth  
Uran College of Commerce and Arts,  
Uran-Raigad**

Permanently Affiliated to University of Mumbai  
(NAAC Re-Accredited 3rd Cycle)



**Internal Quality Assurance Cell & Research Committee**

***Certificate of Participation***

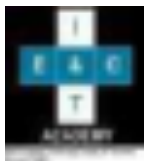
This is to certify that, **Manya Hardwani** of **H. R. College, churchgate** has participated in One Day Online National Workshop organized by Internal Quality Assurance Cell & Research Committee, Konkan Gyanpeeth Uran College of Commerce and Arts, Uran-Raigad, New Mumbai. (MS) On **'Research Ethics and Plagiarism'** Held on 26th February, 2022.

Dr. P. R. Karulkar  
Convenor

Dr. A. R. Chavan  
IQAC Coordinator

Prof. Dr. Baliram N. Gaikwad  
Principal





Ref. no: EICT/116/2021-22/FFDP/OL/020

## Electronics & ICT Academy

*Supported by Ministry of Electronics and Information Technology (MeitY), Govt. of India*

**Indian Institute of Technology Guwahati**

# Certificate of Participation

This is to certify that

**Ms. Prajakta Kisan Suryawanshi**

**Laxman Devram Sonawane College Kalyan**

of .....  
has participated in the Online Faculty Development Programme on “**Introduction to Python Programming and its Applications**” organized by E&ICT Academy IIT Guwahati held from 21 - 26 February, 2022 in association with North Eastern Regional Institute of Science and Technology, Arunachal Pradesh and support from Mantra Associates.

**Dr. Gaurav Trivedi**  
PI, E&ICT Academy  
Indian Institute of Technology  
Guwahati

**Dr. Rajesh Kumar**  
Head of Department, Electronics and  
Communication Engineering  
NERIST, Arunachal Pradesh

**Mr. Kandarpa Das**  
Managing Director  
Mantra Associates  
Guwahati



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Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

### AICTE Training and Learning (ATAL) Academy

# *Certificate*

This is certified that **Prajakta Kisan Suryawanshi**, Assistant Professor of **LDS College kalyan (W)** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online Elementary FDP** on "**Computational Mathematics using Computer Algebra Systems with Applications to Machine Learning**" from **11/02/2022** to **15/02/2022** at **Institute of Chemical Technology**.

Advisor-I, ATAL Academy  
Mamta Rani Agarwal



Coordinator



# S.S.T. College of Arts & Commerce

(Affiliated to University of Mumbai, Mumbai)  
Ulhasnagar - 421 004, Dist. Thane.

## CERTIFICATE

**THIS IS TO CERTIFY THAT**

**Prof./Dr./Ms. Kanyakumari Jagadish Basani**

**Shri Jagdishprasad Jhabarmal Tibrewala University, Rajasthan**

**has presented a paper entitled**  
**Geometric Shape Recognition Process**

**in the Two Days International Virtual Conference on**  
**"Recent Trends in Computer Science, Commerce & Management"**  
**organised by S.S.T. College of Arts & Commerce, Ulhasnagar - 421004**  
**held on 12th to 13th November, 2021.**



**Ms. C. Kalpana**  
Convener



**Dr. Khushbu J. Parmani**  
IDAC Co-ordinator

*Att*

**Dr. J.C. Parmani**  
Principal





# S.S.T. College of Arts & Commerce

(Affiliated to University of Mumbai, Mumbai)  
Ulhasnagar - 421 004, Dist. Thane.

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**held on 12th to 13th November, 2021.**



**Ms. C. Kalpana**  
Convener



**Dr. Khushbu J. Parmani**  
IDAC Co-ordinator

**Att**

**Dr. J.C. Parmani**  
Principal





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RUSA SPONSORED ONLINE REFRESHER COURSE

*This is to certify that*

***Kesar Latchandani***

*from*

***L.D. Sonawane College of Arts & Commerce, Kalyan***

*participated in the Refresher course in*

**Commerce, Accountancy & Management**

*conducted from January 31, 2022 to February 12, 2022*

*and obtained Grade **A***

A handwritten signature in blue ink, likely belonging to the Co-ordinator.

Co-ordinator  
Feb. 12, 2022, MUMBAI

A handwritten signature in blue ink, likely belonging to the Director.

Director

A handwritten signature in blue ink, likely belonging to the Vice-Chancellor.

Vice-Chancellor



विज्ञान एवं प्रौद्योगिकी विभाग  
DEPARTMENT OF  
SCIENCE & TECHNOLOGY



## *Certificate of Participation*

This is to certify that

***Dr. Madhu R. Sharma***

from L. D. Sonawane College of Arts, Commerce & Science, Kalyan

has successfully completed

7-Day Hands-on Training Program on

**"Application of Sophisticated Instrumental Techniques for Evaluation of Drugs and  
Pharmaceuticals during Discovery and Development"**

held under the initiative

**Synergistic Training Program Utilizing the Scientific and Technological Infrastructure (STUTI)  
of Department of Science and Technology (DST), India,**

jointly organized by Bombay College of Pharmacy & National Facility for Research and Training (DST-DPRP supported)  
with Institute of Chemical Technology as Program Management Unit.

**30<sup>th</sup> May – 5<sup>th</sup> June 2022**

**Dr. Ratnesh Jain**

*DST STUTI ICT Coordinator*

**Prof. Krishna Iyer**

*In-charge Principal & Convenor*

**Prof. Krishnapriya Mohanraj**

*Coordinator*

**Dr. Vaishali Shirsat**

*Co-coordinator*



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MANAGEMENT STUDIES AND  
RESEARCH, INDORE**

## *Certificate of Participation*

This is to certify that Prof./Dr./Mr./Ms. MS. MANYA KISHIN HARDWANI  
of H.R.COLLEGE, CHURCHGATE

has participated in 3 days workshop on "Application of Tools & Techniques in Research" from June 22-26, 2021 organized by Acropolis Institute, Indore

Dr. Ajay Chauhan  
Resource Person

Dr. Ashok Jhawar  
Principal

Dr. Samir Dubey  
Co-ordinator