



MARATHWADA MITRA MANDAL'S
COLLEGE OF COMMERCE

Affiliated to Savitribai Phule Pune University, Re-Accredited by NAAC with "A" Grade
ISO 9001:2015 Certified, Awarded as Best College by Savitribai Phule Pune University
202/A, Deccan Gymkhana, Pune – 411004

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Experiential learning

1	Practicals
2	Projects
3	Survey/Field Visits

Participative learning

1	Guest Lectures
2	Competition based participative learning in consumer day

Problem solving methodologies

1	Assignments
2	Case Study
3	Competition Based Learning



Signature of the student



॥ येथे वहुतांचे हित ॥

Marathwada Mitra Mandal's
COLLEGE OF COMMERCE

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Pune - 411004

PRACTICAL JOURNAL

Academic Year 2019 - 2020

Name : Nikita Vishnula Suthar

Class : F.Y./S.Y./T.Y./B.Com F.Y. Bcom Div C

Roll No : 348

Subject : Accounts

CERTIFICATE

This is to certify that Mr / Ms . Nikita Vishnuld Suthan .

of [✓] First Year B.com / Second Year.B.Com / Third Year B.com

Division : C has satisfactorily completed Accounts

practicals in the subject

 Subject Teacher


Co-ordinator

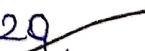
Date :

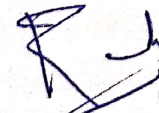
DETAILS OF PRACTICAL EXAMINATION

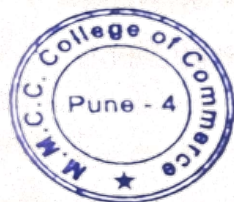
(348)


115421

Exam Seat No: ~~4202306732~~

Date : 02 / 04 / 20 20 


Internal Examiner




External Examiner

Title: A study of need Importance and scope of computerised Accounting.

Date: 2 Jan 2024 Time: Place:

Name of the Guide (Expert/Teacher): Rekha Maam

Objectives of the practical: Introduction to Computerised accounting.

1. To study and understand the need and importance of computerized accounting.

2. To learn features of computerized accounting.

3. To learn and understand advantages and disadvantages of computerized accounting.

Method of data collection : (Along with document / papers / charts etc.)

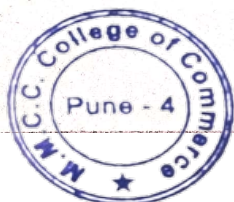
The method of data collection for studying computerized accounting, its features, advantages and disadvantages involves a combination of literature review, surveys / questionnaires with accounting professionals and case studies of businesses implementing accounting software. Additionally, interviews with experts and hands-on experiencing of various accounting software packages can provide valuable insights.

Practical application: Introduction: Computerized accounting has become indispensable in modern businesses due to its efficiency, accuracy and ability to adapt to evolving financial needs. It replaces manual book-keeping processes with software-driven solutions, ensuring timely and precise management of financial data.

*** Features :**

1. Automation: Streamlines repetitive tasks like data entry and report generation, reducing manual effort.

2. Real-time updates: Provide instant access to financial information, facilitating informed decision-making.





“येथे बहुतांचे हित”

**MARATHWADA MITRA MANDAL'S COLLEGE OF
COMMERCE
PUNE 411011**

Industrial Visit Report

Date: January 25, 2020

Destination: Hinjewadi Phase II (Infosys), St. Tukaram Sugar Industries, Hinjewadi, and Katraj Dairy Industries, Pune.

Participants: 106 SYBBA students, accompanied by 4 faculty members.

The industrial visit embarked on January 25, 2020, with 106 SYBBA students and 4 faculty members, aiming to provide students with practical insights into various industries.

The first stop was Hinjewadi Phase II, where Infosys welcomed the students. Mr. Joseph delivered an insightful lecture, elucidating the company's inception, its global operations, and pathways to success. He delved into topics of leadership, motivation, and provided valuable advice on envisioning future prospects within the organization. Following the engaging session, students toured the Infosys campus, gaining firsthand experience of its working culture and environment.

Next, the group proceeded to St. Tukaram Sugar Industries in Hinjewadi. Here, students witnessed the entire sugar manufacturing process, from the crushing of sugar cane to the packaging of sugar in various sizes. The visit provided a comprehensive understanding of the industrial processes involved in sugar production.

The final leg of the journey led the students to Katraj Dairy Industries in Pune. They were exposed to the intricacies of dairy production, including pasteurization, ozonization, and the manufacturing of various milk-based products such as cheese, butter, and ghee. The visit offered valuable insights into the functioning of dairy industries.

Overall, the industrial visit proved to be enlightening and enriching for the students, providing them with practical knowledge and firsthand experience of different industries. The trip concluded with all participants safely returning to the college by 6:30 pm.

Date: December 12, 2019

Destination: Jawaharlal Nehru Port Trust, Mumbai

Participants: 62 SYBBA (IB) students, accompanied by 3 teachers and 1 security personnel.

On December 12, 2019, 62 SYBBA (IB) students, along with 3 teachers and 1 security personnel, embarked on an industrial visit to Jawaharlal Nehru Port Trust in Mumbai. The primary objective of the visit was to familiarize students with the operations of a port, particularly relevant to their studies in international business.

Mr. Ravi Kharat provided a detailed overview of the port's functioning, including the handling of vessels, container storage, and the processes involved in loading and unloading containers from ships. Students had the opportunity to witness live demonstrations of container unloading using cranes, gaining practical insights into port operations.

Additionally, the visit included an overview of the documentation processes carried out in the custom house, further enhancing students' understanding of international trade operations.

The industrial visit concluded with all participants returning to the college by 8:30 pm, having gained valuable insights into port operations and their relevance to international business.

Industrial Visit of BBA and BBA-IB to Katraj Dairy



Industrial Visit of BBA and BBA-IB to JNPT



Dr. Ashwini Kulkarni
Co-ordinator



Prof. S.M. Edke
Off - Principal

REPORT ON : NCSS SOFTWARE

A
Report
Submitted To The
B.Sc. (CS) Department,
As a part of Statistics Practical

SAVITRIBAI PHULE PUNE UNIVERSITY,
(Year: 2019-2020)



By

KSHITIJA SURESH DARDE

Aishwarya Datta Bodkhe

Niroo Ganesh Chohan

Prof. Charushila Nigudkar
Practical In Charge

Prof. Dr. S. M. Anapat
Head of Dept.

Dr. Golhar.D.G
Principal



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INTRODUCTION:

NCSS means “NUMBER CRUNCHER STATISTICAL SYSTEM”. NCSS is a statistics package produced and distributed by NCSS , LLC. Created in 1981 by Jerry L.Hintze, NCSS, LLC specializes in providing statistical analysis software to researchers, businesses, and academic institutions. It also produces PASS Sample Size Software which is used to in scientific study planning and evaluation. The NCSS package includes over 250 documented statistical and plot procedures. NCSS imports and exports all major spreadsheet, database, and statistical file formats.

For over 30 years, NCSS, LLC has been dedicated to providing researcher, investigators, academics, scientists, and other professionals with quality statistical software that is comprehensive and accurate but still intuitive and easy to use. Our two solutions, NCSS and PASS, are used world-wide by researchers in many industries and are renowned for accuracy, ease-of-use, graphical excellence and affordability. These statistical programs are used by thousands of customers including individual professionals and academics, as well as in collaborative efforts within large institutions.

All software purchases from NCSS come with full PhD statistician support, by phone or by email. Also, free training videos are available through this website. Each procedure is carefully documented with technical details, examples, annotated output, references, formulas, and other details.

APPLICATION:

NCSS software provides a complete and easy-to-use collection of hundreds of statistical and graphics tools to analyze and visualize your data.

NCSS software for data analysis comes complete with integrated documentation, free training videos, and full phone and email support from a team of PhD statisticians. Discover the product that thousands of researchers, consultants, professionals, engineers, and scientists are using worldwide.

The group of tools for comparison of means constitute a very large portion of the common statistical tasks required in research. NCSS Statistical Software contains a variety of tools for tackling these tasks that are easy-to-use and carefully validated for accuracy.

This version requires 196K RAM , two disk drives or a hard disk, and a DOS operating system. There are also more limited versions for the Commodore 64 and the Apple MacIntosh. Readers should be aware that earlier versions of NCSS were called Number Cruncher. NCSS is divided into 30 programs, some containing many procedures. Five of these programs deal with data management, 22 deal with data analysis, and 3 are utility programs. Data sets may be merged, joined, and subsetted. A large number of transformations may be employed. There are programs to calculate summary descriptive statistics, view tabular data, and generate plots. Inferential statistics include up-to-four-way analyses of variance (ANOVA's), standard nonparametric tests, popular chi-squared statistics, multiple regression analyses, analysis of covariance, classical time series forecasting, principal components analysis, and discriminant analysis. There is also program to determine probabilities for eight common distributions. These programs are initially arranged on three disks, but it is possible to place different combinations of frequently used programs on their own disk to avoid excessive disk swapping. Some data sets are also included. NCSS is written in Compiled BASIC. Hence the user does not have access to the source code. NCSS allows you to store up to 250 numeric variables and 32,000 observations, but for many analyses not all of the observations may be used. For example, there is a limit of 2,000 observations for obtaining the entire set of descriptive statistics.

NCSS is well suited for classroom, business, medical, and industrial use. But it is not the optimal statistical package for a microcomputer, if there is or will ever be such a piece of software. For one thing, NCSS is menu driven. Thus although it is accommodating to a naive user, it can be verbose to an experienced user. Another weakness of NCSS is its documentation.

NCSS STATISTICAL ANALYSIS SYSTEM:

Comprehensive, Easy to Use, Statistical Software running under Windows 8, Windows 7, Vista, XP (32-bit and 64-bit). NCSS software provides a complete and easy-to-use collection of hundreds of statistical and graphics tools to analyze and visualize your data. From using NCSS you will benefit in several ways:

- Comprehensive and accurate.
- Inexpensive
- Includes over 150 statistical and graphical tools.
- Easy to learn and use.
- Fully compatible to 32-bit and 64-bit versions of Windows XP/Vista, Windows 7, 8 and Windows 10!
- Sharp and flexible graphics.
- NCSS output is easily transferred to popular word processors and presentation software such as PowerPoint.
- Processes large data files (over 1,000 variables and 200,000 rows)

Discover NCSS Analysis Using NCSS:

With a few easy steps you can obtain meaningful numeric results and clean, clear graphics. Use the Data window to import or enter your data. Open an NCSS procedure for your desired analysis. Select the columns and run the analysis to obtain accurate and easy-to-read numeric output and graphics.

Analysis using NCSS

With a few easy steps you can obtain meaningful numeric results and clean, clear graphics.

1 Open, Import, or Enter Data

	1	2	3	4	5
Name	Rate	Trt	log_rate	C4	C5
Label	Heart Rate	Treatment	Log(Rate)		
Data Type	General	General	General	General	General
Format			0.000		
Value Labels		Low=<= 50 M			
Value Order		Low Medium			
Transformation			log(Rate)		
Note					
Filter					

	Rate	Trt	log_rat	C4	C5
1	77	Low	1.886		
2	94	Low	1.973		
3	68	Low	1.833		
4	73	Low	1.863		
5	101	Low	2.004		
6	93	Low	1.968		
7	97	Low	1.987		
8	80	Medium	1.903		
9	75	Medium	1.875		
10	85	Medium	1.929		
11	66	Medium	1.820		
12	83	Medium	1.919		
13	74	Medium	1.869		
14	90	Medium	1.954		
15	81	Medium	1.908		
16	74	High	1.869		
17	68	High	1.833		
18	95	High	1.978		
19	91	High	1.959		
20	85	High	1.929		
21	86	High	1.934		

2 Open a Procedure

Variables

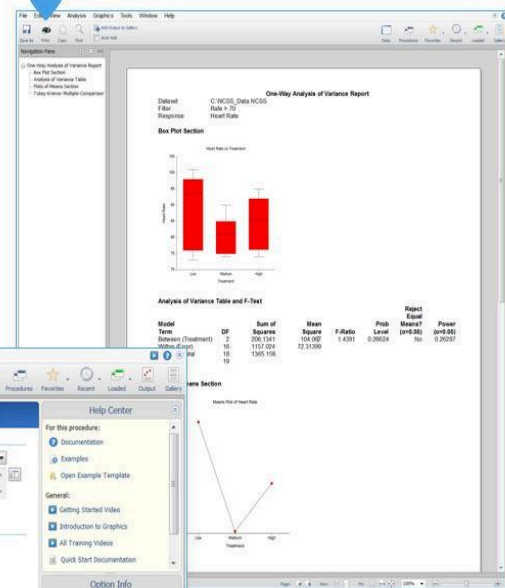
Input Type: Response Variable(s) and a Factor (Grouping) Variable

Response Variable(s): Rate

Factor Variable: Trt

Planned Comparisons: None

3 View Output



Intuitive Data Management:

NCSS readily imports all major types of data files; or you can copy-and-paste your data, or enter your data directly. NCSS has excellent filtering and transformation features for managing your data.

Intuitive Data Management

NCSS readily imports all major types of data files; or you can copy-and-paste your data, or enter your data directly.

The screenshot displays the NCSS Data software interface with several callouts highlighting key features:

- Quick Access buttons provide easy navigation among windows:** Points to the top toolbar containing icons for New, Open, Last, Save, Sort, Fill, Trans, Filter, Hide Filtered Rows, Procedures, Favorites, Recent, Loaded, Output, and Gallery.
- Simple tools to sort data or fill columns with values or sequences; Stacking is easy, too:** Points to the 'Sort' and 'Fill' buttons in the toolbar.
- NCSS offers a sophisticated, but intuitive, set of transformation tools:** Points to the 'Transformation' dialog box, which shows a formula 'log(Rate)' being applied to the 'log_rate' column.
- Easy-to-use filters:** Points to the 'Filter Editor' dialog box, which shows a condition 'Rate > 70' being set.

The main data table is visible with columns labeled 1 through 9 and rows of data. The 'log_rate' column is highlighted, and the 'Filter' dropdown is set to '>70'. The status bar at the bottom indicates 'Filter Active [Rate > 70] 100%'.

★ Filters and transformations act in real-time to make data maneuvering an easy task

Choosing A Procedure:

Finding the right analysis or graphics procedure is easy using the drop-down menu, the procedure search, or the category tree.

Choosing a Procedure

The screenshot shows the 'Procedure Navigator' window with the following components and annotations:

- Top Menu:** Home, View, Analysis, Graphics, Tools, Window, Help, Test. Annotations indicate that procedures can be selected from these menus.
- Search Bar:** A search bar at the top right of the main area. An annotation states: "You can enter a topic or key word into the search bar to find related procedures".
- Category Tree (Left):** A tree view showing categories like Analysis and Graphics. An annotation says: "Click on a category to see all the available procedures corresponding to that category".
- Procedure List (Right):** A list of procedures under the heading 'Analysis > ANOVA (13)'. Procedures include One-Way Analysis of Variance, Balanced Design Analysis of Variance, Repeated Measures Analysis of Variance, Mixed Models - General, Mixed Models - Repeated Measures, Nondestructive-Data Group Comparison, Area Under Curve, Box-Cox for Two or More Groups (T-Test and One-Way ANOVA), General Linear Models (GLM), Multivariate Analysis of Variance (MANOVA), Mixed Models - No Repeated Measures, and Mixed Models - Random Coefficients. An annotation says: "Click on a procedure to open it, or right click to add it to your favorites list, or to view the documentation".
- Navigation Tools (Top Right):** Data, Favorites, Recent, Loaded, Output, Gallery. An annotation states: "Favorite, recently used, and currently loaded procedures may be accessed from all major windows".
- Additional Annotation:** "You can view all procedures, your favorites, or recently used procedures with a simple click" points to the 'Favorites', 'Recent', and 'Show All' tabs at the top of the procedure list.

Elegant Plot Design:

There are over 80 plots available in NCSS. Some plots are part of a general analysis procedure such as analysis of variance or regression, while other plots are standalone tools. All NCSS plots are highly customizable. Users are given control of the layout, symbols, titles, legend, axes, grid lines, and more. Plot settings are easily saved for future use or for sharing.

Elegant Plot Design

Save your plot settings for future use

Control each aspect of the plot with straightforward plotting options

View the changes in the format of the plot, as you make them

As you mouse over the plot format options, details about the option will appear in the option info area

The Plot Preview shows exactly how the plot will appear in the output

One-Way Analysis of Variance

File Run View Analysis Graphics Tools Window Help Update Notes

Plots: Mean Plot Box Plot

Plot Format
Click this button to specify the format of the plot.

Sample Data
A plot using sample data (not your actual data) will be displayed. If you would like to edit the plot with your actual data loaded into the plot preview, check the "Edit During Run" box in the upper right-hand corner of the plot format button.

Video Tutorial
You can view an introductory video tutorial about formatting plots by visiting <http://www.ncss.com/youtube/ncssformattingintroduction>. [14:22]

Guide: [Help](#) [Start](#) [Close](#)

Ready-to-Use Output:

When an NCSS procedure is run, the analysis results and the desired plots are displayed in the output window for viewing or saving. Navigation of the output is easy with the output navigation tree. The output and graphics are ready to be viewed, copied and pasted, or saved. Multiple output runs can be sent to the output gallery for saving or for comparing analyses.

Ready-to-Use Output

Send your results to the Output Gallery to keep track of a series of analyses

Save or print your output file, or copy and paste a portion or all of your results into another document

Copy and paste plots to your document or presentation; or you can double-click a plot to view it in a sizeable window

Plot Viewer

The Navigation Pane lets you quickly jump to any section of the output

Various viewing options let you style the output in a format that is best for you

From the Plot Viewer, you can print the plot, or save the plot in a variety of formats

NCSS Output

File Edit View Analysis Graphics Tools Window Help

Navigation Pane

- One-Way Analysis of Variance Report
- Box Plot Section
- Analysis of Variance Table
- Plots of Means Section
- Tukey-Kramer Multiple Comparison

Dataset: C:\NCSS_Data\NCSS
Filter: Rate > 70
Response: Heart Rate

Box Plot Section

Heart Rate vs Treatment

Treatment	Mean	Lower	Upper
Low	~93	~75	~100
Medium	~80	~75	~90
High	~85	~75	~95

Analysis of Variance Table and F-Test

Model Term	DF	Sum of Squares	Mean Square	F-Ratio
Between (Treatment)	2	208.1341	104.067	1.4391
Within (Error)	16	1157.024	72.31399	
Adjusted Total	18	1365.158		
Total	19			

Plots of Means Section

Means Plot of Heart Rate

Page 1 of 1 View 100%

Scope:

A robust statistical and graphics program, NCSS is used in a variety of industries from medical investigation and business analytics, to engineering, quality control, and academic research. All software purchases from NCSS come with full PhD statistician support, by phone or by email. Also, free training videos are available through the software website. NCSS is an excellent tool for clinical and epidemiological research that is both user friendly and economical with excellent support. It removes the “fear of statistics” from clinical research and makes research accessible to all curious clinicians.

Limitations:

The Customer is not permitted to, nor permit any person to:

- a. Disassemble, reverse engineer, de-compile, decrypt, or otherwise attempt to reconstruct or discover the source code of the NCSS software;
- b. Modify, translate, or create derivative works of the NCSS software;
- c. Sublicense, resell, rent, lease, distribute, market, commercialize, or otherwise transfer rights or usage to the NCSS software;
- d. Embed the NCSS software in any third-party applications, unless otherwise authorized in writing in advance by an officer of NCSS, LLC

Comparative Study:

NCSS Software	SPSS Software
NCSS (Number Crunching Statistical System)	SPSS (Statistical Package for the Social Sciences)
NCSS only allows point-and-click procedures	SPSS depends on point-and-click procedures, also allow the user to use the syntax mode.
NCSS are statistical software, easy to use and it is little less expensive.	SPSS are also statistical software, easy to use but it is made by IBM.
NCSS documentation information can be form in a CD, which is included with the software, and also in the help files.	SPSS package includes a CD with documentation files. They have been found to be nicely constructed and written.
NCSS software includes a step-by-step quick start manual which is included in the help menu. Learning to use the NCSS software does not require a programming background.	SPSS software includes a step-by-step help menu help designed for those familiar with general statistics concepts. SPSS software does not require a programming background.

Recent Updates:

Changes that have been made to NCSS 2019 since it was released:

Version: 19.0.1

Released: March 23, 2019

1. Initial Release of NCSS 2019

Version: 19.0.2

Released: May 24, 2019

1. Added the ability for the software to periodically check online for updates and notify the user when an update is available. This new capability is controlled through System Options.
2. Corrected error in Two-sample Non-Inferiority, Superiority, and Equivalence Tests for Survival Data using Cox Regression procedures that occurred when using adjustment for Numeric X's. The hypotheses were stated incorrectly in the output when numeric covariates were added.
3. Fixed typo for standardized regression coefficient formula in Principle Components Regression documentation, page 340-12.

Problem:

Fit the regression line of Y on X

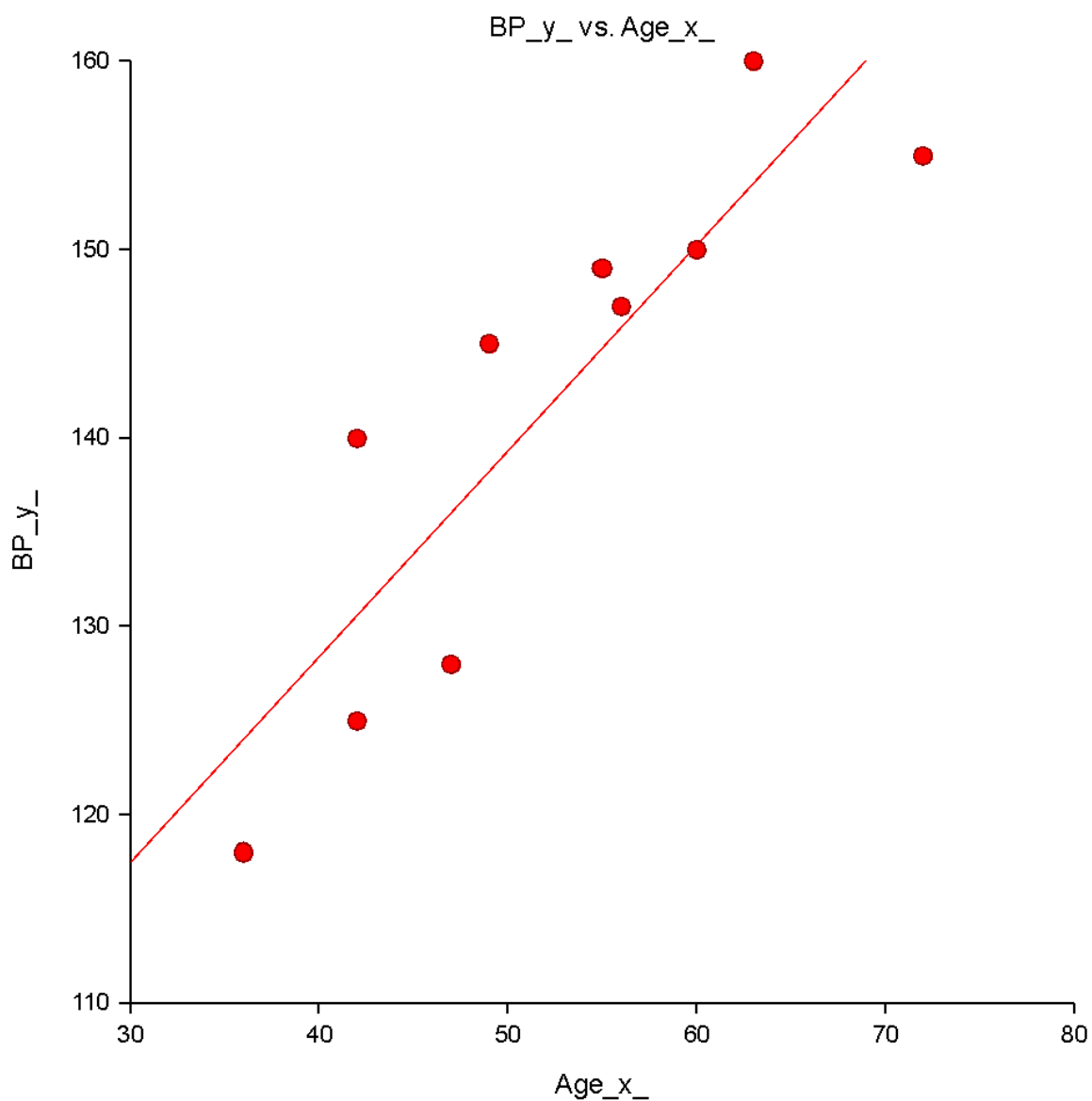
Age(x)	56	42	36	47	49	42	72	63	55	60
B.P(y)	147	125	118	128	145	140	155	160	149	150

Linear Regression Report

Dataset Untitled

Y = BP_y_ X = Age_x_

Linear Regression Plot Section



Linear Regression Report

Dataset Untitled
 Y = BP_y_ X = Age_x_

Run Summary Section

Parameter	Value	Parameter	Value
Dependent Variable	BP_y_	Rows Processed	10
Independent Variable	Age_x_	Rows Used in Estimation	10
Frequency Variable	None	Rows with X Missing	0
Weight Variable	None	Rows with Freq Missing	0
Intercept	84.8003	Rows Prediction Only	0
Slope	1.0900	Sum of Frequencies	10
R-Squared	0.7667	Sum of Weights	10.0000
Correlation	0.8756	Coefficient of Variation	0.0498
Mean Square Error	49.69835	Square Root of MSE	7.049706

Summary Statement

The equation of the straight line relating BP_y_ and Age_x_ is estimated as: $BP_y_ = (84.8003) + (1.0900) Age_x_$ using the 10 observations in this dataset. The y-intercept, the estimated value of BP_y_ when Age_x_ is zero, is 84.8003 with a standard error of 11.3192. The slope, the estimated change in BP_y_ per unit change in Age_x_, is 1.0900 with a standard error of 0.2126. The value of R-Squared, the proportion of the variation in BP_y_ that can be accounted for by variation in Age_x_, is 0.7667. The correlation between BP_y_ and Age_x_ is 0.8756.

A significance test that the slope is zero resulted in a t-value of 5.1273. The significance level of this t-test is 0.0009. Since $0.0009 < 0.0500$, the hypothesis that the slope is zero is rejected.

The estimated slope is 1.0900. The lower limit of the 95% confidence interval for the slope is 0.5998 and the upper limit is 1.5803. The estimated intercept is 84.8003. The lower limit of the 95% confidence interval for the intercept is 58.6982 and the upper limit is 110.9024.

Descriptive Statistics Section

Parameter	Dependent	Independent
Variable	BP_y_	Age_x_
Count	10	10
Mean	141.7000	52.2000
Standard Deviation	13.7602	11.0534
Minimum	118.0000	36.0000
Maximum	160.0000	72.0000

Linear Regression Report

Dataset Untitled
 Y = BP_y_ X = Age_x_

Regression Estimation Section

Parameter	Intercept B(0)	Slope B(1)
Regression Coefficients	84.8003	1.0900
Lower 95% Confidence Limit	58.6982	0.5998
Upper 95% Confidence Limit	110.9024	1.5803
Standard Error	11.3192	0.2126
Standardized Coefficient	0.0000	0.8756
T Value	7.4917	5.1273
Prob Level (T Test)	0.0001	0.0009
Reject H0 (Alpha = 0.0500)	Yes	Yes
Power (Alpha = 0.0500)	1.0000	0.9936
Regression of Y on X	84.8003	1.0900
Inverse Regression from X on Y	67.4851	1.4217
Orthogonal Regression of Y and X	74.7027	1.2835

Notes:

The above report shows the least-squares estimates of the intercept and slope followed by the corresponding standard errors, confidence intervals, and hypothesis tests. Note that these results are based on several assumptions that should be validated before they are used.

Estimated Model

Y:(84.8002910149144) + (1.09003273917789) * (X)

Analysis of Variance Section

Source	DF	Sum of Squares	Mean Square	F-Ratio	Prob Level	Power (5%)
Intercept	1	200788.9	200788.9			
Slope	1	1306.513	1306.513	26.2889	0.0009	0.9936
Error	8	397.5868	49.69835			
Lack of Fit	7	285.0868	40.72668	0.3620	0.8595	
Pure Error	1	112.5	112.5			
Adj. Total	9	1704.1	189.3445			
Total	10	202493				

s = Square Root(49.69835) = 7.049706

Notes:

The above report shows the F-Ratio for testing whether the slope is zero, the degrees of freedom, and the mean square error. The mean square error, which estimates the variance of the residuals, is used extensively in the calculation of hypothesis tests and confidence intervals.

Linear Regression Report

Dataset Untitled
 Y = BP_y_ X = Age_x_

Tests of Assumptions Section

Assumption/Test	Test Value	Prob Level	Is the Assumption Reasonable at the 0.2000 Level of Significance?
Residuals follow Normal Distribution?			
Shapiro Wilk	0.9067	0.258892	Yes
Anderson Darling	0.4242	0.318006	Yes
D'Agostino Skewness	0.0170	0.986427	Yes
D'Agostino Kurtosis	-1.7404	0.081794	No
D'Agostino Omnibus	3.0292	0.219899	Yes
Constant Residual Variance?			
Modified Levene Test	0.3794	0.555027	Yes
Relationship is a Straight Line?			
Lack of Linear Fit F(7, 1) Test	0.3620	0.859538	Yes

No Serial Correlation?

Evaluate the Serial-Correlation report and the Durbin-Watson test if you have equal-spaced, time series data.

Notes:

A 'Yes' means there is not enough evidence to make this assumption seem unreasonable. This lack of evidence may be because the sample size is too small, the assumptions of the test itself are not met, or the assumption is valid.

A 'No' means the that the assumption is not reasonable. However, since these tests are related to sample size, you should assess the role of sample size in the tests by also evaluating the appropriate plots and graphs. A large dataset (say $N > 500$) will often fail at least one of the normality tests because it is hard to find a large dataset that is perfectly normal.

Normality and Constant Residual Variance:

Possible remedies for the failure of these assumptions include using a transformation of Y such as the log or square root, correcting data-recording errors found by looking into outliers, adding additional independent variables, using robust regression, or using bootstrap methods.

Straight-Line:

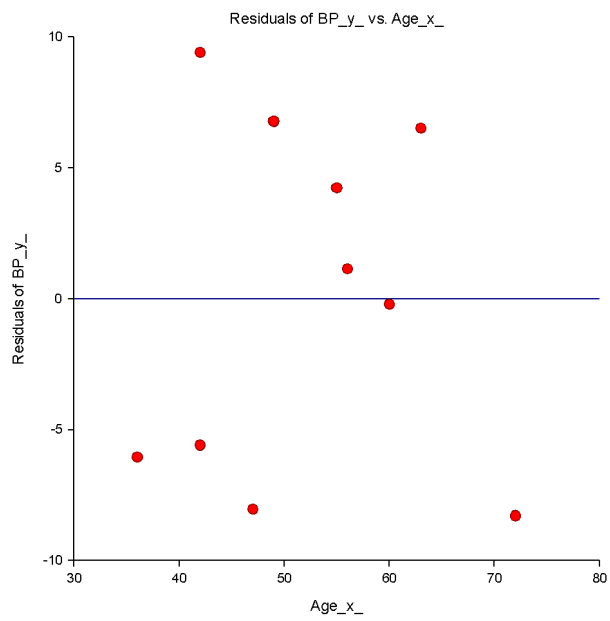
Possible remedies for the failure of this assumption include using nonlinear regression or polynomial regression.

Linear Regression Report

Dataset Untitled

Y = BP_y_ X = Age_x_

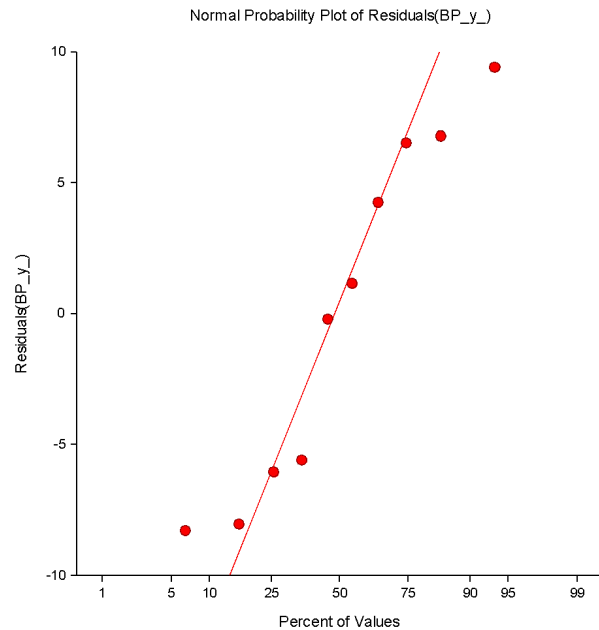
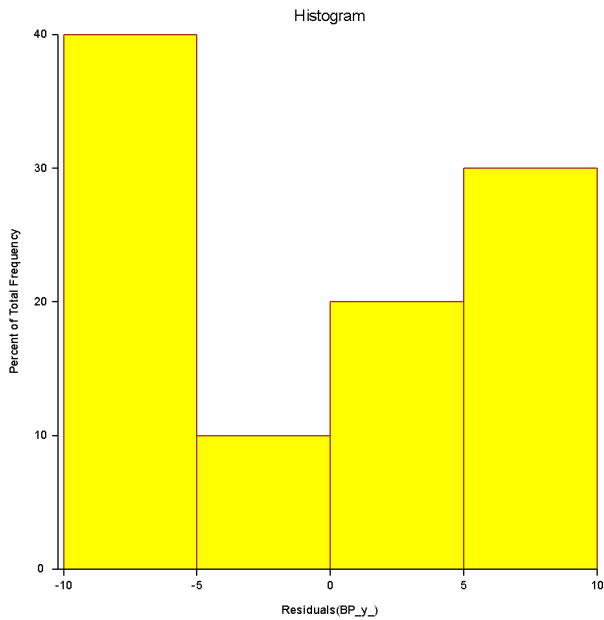
Residual vs X Plots



Linear Regression Report

Dataset Untitled
 Y = BP_y_ X = Age_x_

Distributional Plots of Residuals



Procedure Input Settings

Autosaved Template File

C:\Users\MEGHA\Documents\NCSS 2020\Procedure Templates\Autosave\Linear Regression and Correlation - Autosaved 2020_2_28-13_14_30.t153

Variables Tab

-- Variables -----

Y: Dependent Variable(s):	BP_y_
X: Independent Variable:	Age_x_
Frequency Variable:	<Empty>
Weight Variable:	<Empty>

-- Model Specification -----

Remove Intercept	Unchecked
------------------	-----------

-- Resampling (Increases computation time) -----

Calculate Bootstrap C.I.'s	Unchecked
Run Randomization Tests	Unchecked

Linear Regression Report

Dataset Untitled

Y = BP_y_ X = Age_x_

Procedure Input Settings (Continued)

Variables Tab (Continued)

-- Alpha Levels -----
 Alpha for C.I.'s and Tests: 0.050
 Alpha for Assumptions: 0.20

Reports Tab

-- Select Report / Plot Group -----

Select a Group of Reports and Plots: Display only those items that are CHECKED BELOW
 Show Notes Checked
 Show All Rows Checked

-- Select Reports -----

· Summaries
 Run Summary Checked
 Summary Statement Checked
 Descriptive Statistics Checked
 Correlation and R-Squared Unchecked
 Summary Matrices Unchecked

· Estimation
 Regression Estimation Checked

· ANOVA
 ANOVA Checked

· Assumptions
 Assumptions Checked
 Levene Groups: 2
 Durbin-Watson Unchecked
 PRESS Unchecked

· Prediction
 Predict Y at these X values: <Empty>
 Predicted Y - C.L. Checked
 Predicted Y - P.L. Checked

· Row-by-Row Lists
 Original Data Unchecked
 Predicted Y Means Unchecked
 Predicted Y Individuals Unchecked
 Simultaneous Bands Unchecked
 Predicted X Means Unchecked
 Predicted X Individuals Unchecked

Linear Regression Report

Dataset Untitled
 Y = BP_y_ X = Age_x_

Procedure Input Settings (Continued)

Reports Tab (Continued)

.. Regression Diagnostics	
Residuals	Unchecked
Residual Diagnostics	Unchecked
Leave One Row Out	Unchecked
Outlier Detection Chart	Unchecked
Influence Detection Chart	Unchecked
Outlier-Influence Chart	Unchecked

Report Options Tab

-- Report Options -----	
Precision:	Single
Variable Names:	Names
.. Decimal Places	
Probability:	4
Beta (Coefficients):	4
SE:	4
T:	4
R2:	4
X:	4
Y:	4
Residuals:	4
Std Residuals:	4
Sum Squares:	All
Matrix:	All

Plots Tab

-- Select Plots -----	
Y vs X	Checked
RStudent vs X	Unchecked
Histogram	Checked
Residuals vs X	Checked
Residuals vs Row	Unchecked
Probability Plot	Checked
Residuals vs X	Unchecked
Serial Correlation	Unchecked

-- Plot Options -----	
Y vs X Plot Size:	Medium
All Other Plot Sizes:	Small

Linear Regression Report

Dataset Untitled
Y = BP_y_ X = Age_x_

Procedure Input Settings (Continued)**Resampling Tab**

-- Bootstrap Calculation Options -----

.. Sampling

Samples (N): 3000
Sampling Method: Observations
Retries: 50

.. Estimation

Percentile Type: Ave X(p[n+1])
C.I. Method: Reflection
Bootstrap Confidence Coefficients: 0.90 0.95 0.99

-- Randomization Test Options -----

Monte Carlo Samples: 1000

Storage Tab

-- Data Storage Options -----

Storage Option: Do not store data

Conclusion:-

Correlation(r) =0.8756

r>0

Two variable are positively correlated. Therefore x is directly proportional to y

B.P(y) =(84.8002910149144) + (1.09003273917789) * (Age (x))

We can estimated the value of BP(y) using known value of Age(x)...

References / Bibliography:

<https://www.ncss.com>

<https://en.m.wikipedia.org>

<https://www.statcon.de>



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principal@mmcc.edu.in, enquiry@mmcc.edu.in, www.mmcc.edu.in

Participative learning

1	Guest Lectures
2	Competition based participative learning in consumer day



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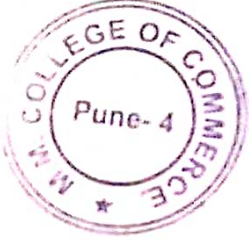
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ISO 9001:2015 Certified, Awarded as Best College by Savitribai Phule Pune University
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principal@mmcc.edu.in, enquiry@mmcc.edu.in, www.mmcc.edu.in

Date : 17th July 2019

NOTICE

All the students are hereby informed that the Department of Commerce is organizing a
Personal Counseling Session on the topic 'My Life, My Responsibilities' on Friday,
19/07/2019 at 10:30 a.m.




H.O.D.



My Life, My Responsibility

MARATHAWADA MITRA MANDAL'S

COLLEGE OF COMMERCE

202/A, Deccan Gymkhana, Pune 411004 Tel.: 25651491

F. Y. B. Com

S. Y. B. Com

T. Y. B. Com

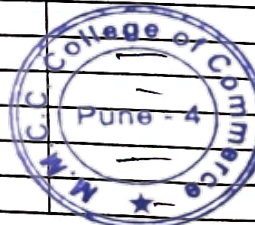
‘येये बहुतांचे हित’

Subject: Guest Lecture Class / Div.: T.Y. B.Com / S.Y

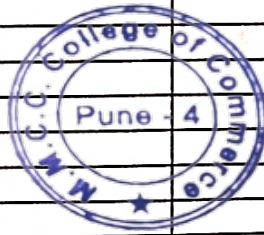
Name of Professor: Mrs. Dhanashree Ghose Date / Time: 19/7/19

DAILY ATTENDANCE SHEET

Sr. No.	Name of the Student	Mobile No.	Roll No.	Signature
01	Akshada H. Dengle	-	-	Akshada
02	Samudra S. Kolekar	-	-	S.K.K.
03	Manisha S. Labake	-	-	Manisha
04	Sapana S. Zujam	-	-	Sapana
05	Rajal S. Shelar	-	-	Rajal
06	Shruti Kumbhar	-	-	Shruti
07	Kabak Tadhal	-	-	Kabak
08	Swarali Pandilwar	-	-	Swarali
09	Shruti Daga	-	-	Shruti
10	Mansi D. Khivara	-	-	Mansi
11	Nupur S. Bhunje	-	-	Nupur
12	Aakanksha M. Hande	-	-	Aakanksha
13	Jadhav Sakshi Anand	-	-	Jadhav
14	Kale Shradha Arvind	-	-	Kale
15	Pragati C. Frankar	-	-	Pragati
16	Shweta A. Gaikwad	-	-	Shweta
17	Dhanika Patwardhan	-	-	Dhanika
18	Priyanka L. Koiri	-	-	P.L.Koiri
19	Urmila Lande	-	-	Urmila
20	Pranita Lodhe	-	-	Pranita
21	Madhura Patilkar	-	-	Madhura
22	Akanksha G. Thote	-	-	Akanksha
23	Sonali T. Mhetre	-	-	Sonali
24	Chaitrali P. Suryawanshi	-	-	Chaitrali
25	Bhagyashree M. Bhosale	-	-	B.M.Bhosale
26	Pratibha Pawar	-	-	Pratibha
27	Shruti S. Madnal	-	-	Shruti
28	Sanika Kulkarni	-	-	Sanika
29	Swarali Deshpande	-	-	Swarali
30	Pradnya V. Patil	-	-	Pradnya
31	Nikita R. Karpe	-	-	Nikita
32	Sneha Gangane	-	-	Sneha
33	Akshata Rchavan	-	-	Akshata
34	Anjali Lonkar	-	-	Anjali
35	Nisha Jakkani	-	-	Nisha
36	Pallavi N. Babar	-	-	Pallavi
37	Divya S. Samel	-	-	Divya
38	Varad D. Patil	-	-	Varad
39	Omkar N. Mohakar	-	-	Omkar
40	Rohit D. Bhing	-	-	Rohit
41	Mehesh T. Kadi	-	-	Mehesh
42	Mayur D. Rayamane	-	-	Mayur
43	Chaitanya R. Gaikwad	-	-	Chaitanya
44	Rutuja P. Amaramavati	-	-	Rutuja
45	Siddhi Amre	-	-	Siddhi
46	Amisha Goud	-	-	Amisha
47	Bhagyashree Londre	-	-	Bhagyashree
48	Amadn A. Khan	-	-	Amadn
49	Sangam S. Tiwari	-	-	Sangam
50	Siddhesh R. Revankar	-	-	Siddhesh



Sr. No.	Name of the Student	Mobile No.	Roll No.	Signature
51	Kumar. L. Rathod	-	-	Kumar
52	Saurabh S. Kengale	-	-	Saurabh
53	Gaurind M. Meekhaswat	7620628863	-	Gaurind
54	Sachin M. Kamble	7494648634	-	Sachin Kamble
55	Pratik D. Pawar	8805681822	-	Pratik
56	Rutik. R. Jadhav	9146858962	-	Rutik
57	Parag S. Kale	8408079870	-	Parag
58	Adity. V. Bhosale	8637744502	-	Adity
59	Athava. M. Deshpande	7798237887	-	Athava
60	Rohit M More	8668805352	-	Rohit
61	Pratik. C. Morekar.	8329172966	-	Pratik
62	Ganesh R. Karpure	9552613449	-	Ganesh
63	Shahid. T. Sayyad	7028116143	-	Shahid
64	Manish M. Bhosale	7875897076	-	Manish
65	Saurabh Digambar Gaikwad	8605245001	-	Saurabh
66	Pratik. N. Shelkande	9405696386	-	Pratik
67	Blusham Bari	9850680900	-	Blusham
68	Shubham Jargam	8885351882	-	Shubham
69	Anil Bham Rathod	9172388810	-	Anil
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No. of Students Present : _____
 No. of Students Absent : _____
 Total : _____

(Signature)



“येथे बहुतांचे हित”

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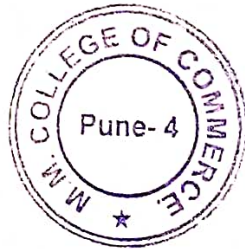
Report on Counseling Session Topic - “My Life, My Responsibility”

The Department of Commerce organized a Personal Counseling Session on the topic ‘My Life, My Responsibility’ on Friday, 19/07/2019 for the students B.Com.

The guest speaker for the session was Mrs. Dhanashree Ghare. The objective of the session was to make students learn about the way and conduct of a happy and stress free living .Mrs. Dhanashree Ghare shared vital inputs about managing work and other activities of life by setting goals, having a plan to tackle the activities, implementing them and further noting down the critics for improvement.

The guest speaker received an overwhelming response from the students. An informal Feedback was taken from the students which was found positive.

The outcome of the session was to encourage students not to stress about the current situation and instead prepare a plan to tackle it.



HOD



“येथे बहुतांचे हित”

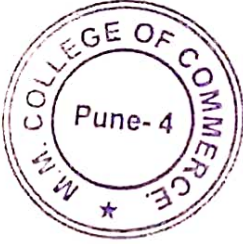
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principal@mmcc.edu.in, enquiry@mmcc.edu.in, www.mmcc.edu.in

Date : 27th July 2019

NOTICE

All the students are hereby informed that the Department of Commerce is organizing a Personal Counseling Session on the topic ‘**Emotional Intelligence**’ on Tuesday, 30/07/2019 at 10:30 a.m.




H.O.D.



MARATHAWADA MITRA MANDAL'S

COLLEGE OF COMMERCE

202/A, Deccan Gymkhana, Pune 411004 Tel.: 25651491

F. Y. B. Com
S. Y. B. Com
T. Y. B. Com

येथे बहुतांचे हित'

Subject :

Emotional Intelligence

Class / Div.:

T.Y

Name of Professor :

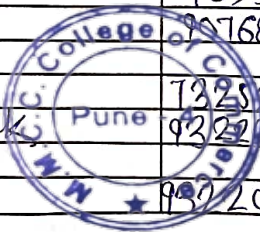
Mrs. Dhanaashree Ghate

Date / Time :

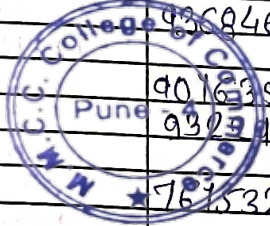
30/7/19

DAILY ATTENDANCE SHEET

Sr. No.	Name of the Student	Mobile No.	Roll No.	Signature
01	Pranita Manoj Loda	7587732555	-	
02	Madhura T. Pokhaskar	9067758097	-	
03	Bamburda A. Kalekar	976411554	-	
04	Akshada H. Dengle	8308088191	-	
05	Rajal S. Ghelar	9527733939	-	
06	Nipun S. Bhunje	7249139578	-	
07	Shweta Piwalkar	9921143072	-	
08	Nida Shaikh	7385468089	-	
09	Sonika Kulkarni	9850270033	-	
10	Sanjana S. Galkwad	9809517513	-	
11	Sneha R. Bidlan	7378901912	-	
12	Rutuja B. Lawhane	9839524768	-	
13	Urmila A. Thavani	9028124979	-	
14	Shoradha G. Kalo	7962990841	-	
15	Jadhav Sakshi Anand	9325339279	-	
16	Supriya Narsing Tope	9689846244	-	
17	Zende Nikita Hamernant	8007568083	-	
18	Kadam Tejaswini Yuvraj	8308373932	-	
19	Aakanksha M. Hande	9604604619	-	
20	Manish M. Bhosale	7875897076	-	
21	Ganesh R. Kapure	9552613449	-	
22	Kanhit V. Patil	9096354095	-	
23	Susun S. Mane	7507068471	-	
24	Deshpande Disha B. Sanjay	9856346910	-	
25	Abhyankar Hrishikesh	7841990229	-	
26	Chaudhary Omkar Santosh	9022978419	-	
27	Ambre Mugdha	902270501	-	
28	Chaudhary Jaguh Ajay	932234261	-	
29	Bhosale Prithviraj Kailash	9975424444	-	
30	Baldota Galant	7058915321	-	
31	Bhambhani Shradha Rajesh		-	
32	Pede Nitin Vasant		-	
33	Chaudhary Snehal	7682241621	-	
34	Bhambhani Ratik		-	
35	Bhosale Manish		-	
36	Bansode Venshi Lu		-	
37	Bholte Sanskar	9022078419	-	
38	Kulkarni Krutika		-	
39	Devade Neha	8888107777	-	
40	Mane Ashwini	9975124433	-	
41	Dange Satyam	962346789	-	
42	Pujari Rajal	7090784567	-	
43	Chavan Omkar	7052170501	-	
44	Dhorme Sumner	7053537653	-	
45	Chopra Sankit	907683858	-	
46	Gosavi Kalyani		-	
47	Borade Gauri	7325219071	-	
48	Chodriya Samyak	9322203123	-	
49	Dovojkar Shreyas		-	
50	Chopra Sankit	952290756	-	



Sr. No.	Name of the Student	Mobile No.	Roll No.	Signature
51	Bhutada Siddhi	7887776741		Siddhi
52	Hileneha			Vel
53	Konade dipti	9923184367		Vel
54	Bidlan Sneha	9777112369		Sneha
55	Rane Gresha	784199075		Bidlan
56	padnye kshitiya	988184830		Rane
57	Tadhon Siddhi			Kshitiya
58	lohakare sampat	9860884760		Siddhi
59	Kakade Ojas			Sampat
60	Malve Shrikant	9991124439		Ojas
61	Toshi Shuchika	980801705		Shrikant
62	Nasik Atharv			Shuchika
63	Jivane Gunit	8811726432		Atharv
64	Ladda Sharavan			Gunit
65	Avadhani Rugved	848304860		Sharavan
66	Bhusari Ajinkya	9368463051		Rugved
67	khawat Vinod			Ajinkya
68	Bande Sanvesh	9016353188		Vinod
69	Aagshu Amol	932310221		Sanvesh
70	Godse gayatri			Amol
71	Advankat Pavan	767532109		Gayatri
72	Kule Sanjay			Pavan
73		932278419		Sanjay
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No. of Students Present : _____

No. of Students Absent : _____

Total : _____

(Signature)



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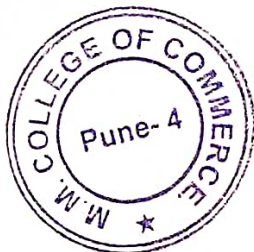
Report on Counseling Session Topic - "Emotional Intelligence"

The Department of Commerce organized a Personal Counseling Session on the topic 'Emotional Intelligence' on Tuesday, 30/07/2019 for the students of B.Com.

The guest speaker for the session was Mrs. Dhanashree Ghare. The objective of the session was to make students understand the ability to recognize your emotions, understand what people are telling you and realize how your emotions affect other people. Mrs. Dhanashree Ghare spoke about various segments of the topic. She shared various tips on improving emotional intelligence.

An informal Feedback was taken from the students which was found positive.

The outcome of the session was to motivate students to develop and use emotional intelligence in improving their skills like communication, problem-solving and leadership.



HOD

Marathwada Mitra Mandal's College of Commerce
202/A, Deccan Gymkhana, Pune-411004

NOTICE

Date: 24-12-19

Senior College of Commerce is organizing "Consumer Day" on 04th January, 2020 for all F.Y/S.Y/T.Y.B.Com and M.Com I/II students. This event will provide a platform for bridging the gap between theory and practice and for the completion of Practical Assignments.

Students can put up stalls of eatables, games and commercial merchandise to gain an experience of commerce in practice and action.

Instructions:

- 1) Maximum 5 students can put up one stall.
- 2) Stall timing 10.00am to 12.00 noon.
- 3) Stall registration charges are Rs.100/- per table.
- 4) Interested students should assemble in Lecture Hall No.3 on 30th December, 2019 at 10.00 am sharp for further information.

Dr. Shilpa Kabra *Shilpa*

Dr. Mukti Bapna *Mukti*

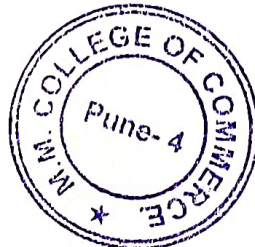
Program Coordinators

SSS
Dr. S.S. Pokharna

H.O.D

[Signature]
Prof. S.M. Edke

Incharge Principal



**MARATHWADA MITRA MANDAL'S
COLLEGE OF COMMERCE, PUNE-411004.**

6th January, 2020

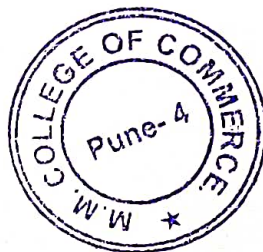
REPORT ON CONSUMER DAY 2019-20

Senior college had organized a Consumer Day on 4th January, 2020. Students had put up stalls of eatables, games and commercial merchandise to gain an experience of commerce in practices and action. Students altogether had a different practical learning experience. 75 students participated by putting up various stalls. The program was inaugurated by Principal Prof. S.M.Edke. The judges for the event were Prof. Meenal Kabra (BCA), Dr. Deepal Awati (MMSID) and Prof. Nafis Shaikh (MMSID, who judged in the category for Best Food, Best Game, Best Stall and Best Concept. The entire event was thrilled and fun-filled. All those who visited the stalls appreciated and praised the efforts and hard work of the students' creativity and innovativeness. The program was coordinated by Dr. Shilpa Kabra (Cultural Head- Commerce) and Dr. Mukti Bapna under the guidance of Dr. S.S. Pokharna (HOD-Commerce).

Mukti
Dr. Mukti Bapna
Shilpa
Dr. Shilpa Kabra
Program Coordinators

S.S. Pokharna
Dr. S.S. Pokharna
HOD (Commerce)

S.M. Edke
Prof. S.M. Edke
Principal



**MARATHWADA MITRA MANDAL'S
COLLEGE OF COMMERCE, PUNE-411004.**

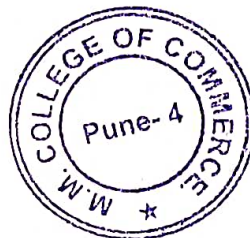
8th January, 2020

WINNERS OF CONSUMER DAY

SR NO	PARTICULARS	NAME OF STALL	NAME OF STUDENT	CLASS
1	BEST FOOD	Khatta Mittha (Life Goes On....)	1.Shilpa Sumitra Bhagwan Chounde	S.Y.B.Com
			2.Shweta Sanjay Kachi	S.Y.B.Com
			3.Abhishek Bharat Joshi	S.Y.B.Com
			4.Karan Chandrakant Asware	S.Y.B.Com
			5.Sakshi Balasaheb Jadhav	S.Y.B.Com
2	BEST GAME	The Backbenchers	1.Shreyas Davajekar	T.Y.B.Com
			2.Siddharth More	T.Y.B.Com
			3.Atharv Naik	T.Y.B.Com
			4.Rutik Sakpal	T.Y.B.Com
			5.Vrushal Tikone	T.Y.B.Com
3	BEST STALL	The Creators	1.Matur Mohan Deshmukh	S.Y.B.Com
			2.Vishwajeet Nana Patil	S.Y.B.Com
			3.Vyankatesh Madhurkar Dhakne	S.Y.B.Com
			4.Pratik Namdev Shelkande	S.Y.B.Com
			5.Shivani Sachin Sumbe	S.Y.B.Com
			6.Neha Bhagwan Sable	S.Y.B.Com
			7.Atharva Suhas Belhkar	S.Y.B.Com
			8.Akash Kiran Kajekar	S.Y.B.Com
			9.Minakshi Vijay Kale	S.Y.B.Com
			10. Shailesh Shivaji Narsinge	S.Y.B.Com
4	BEST CONCEPT	The Advertisement Hub	1.Varad Pathak	T.Y.B.Com
			2.Kajal Shelar	T.Y.B.Com

Mukta
Dr.Mukti Bapna *Shilpa*
Dr.Shilpa Kabra
Program Coordinators

S.S.
Dr.S.S.Pokharna
HOD (Commerce)



**MARATHWADA MITRA MANDAL'S
COLLEGE OF COMMERCE, PUNE-411004.**

8th January, 2020

WINNERS OF CONSUMER DAY

S.NO	PARTICULARS	NAME OF STALL
1	BEST FOOD	Khatta Mittha (Life Goes On....)
2	BEST GAME	The Backbenchers
3	BEST STALL	The Creators
4	BEST CONCEPT	The Advertisement Hub

Mukti

Dr.Mukti Bapna

Program Coordinators

Shilpa

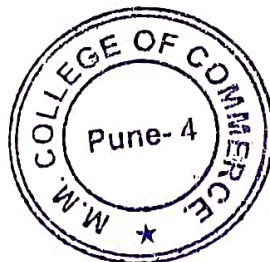
Dr.Shilpa Kabra

SSP

Dr.S.S.Pokharna
HOD (Commerce)

S.M.Edke

Prof.S.M.Edke
Principal



**MARATHWADA MITRA MANDAL'S
COLLEGE OF COMMERCE, PUNE-411004.**

4th January, 2020

To,

PROF. NAFIS SHAIKH,
MMSID

Sir / Madam,

On behalf of our college, we wish to express our deepest sense of appreciation and gratitude to you for sparing your valuable time on 4th January, 2020 on the event of "Consumer Day" as a Judge.

Your presence, guidance and advice were indeed very inspiring and encouraging to the student participants.

We once again thank you wholeheartedly.

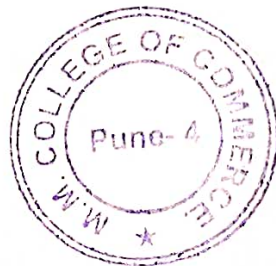
Thanking you,

Yours sincerely,

Mukti
Dr. Mukti Bapna
Program Coordinator

Shilpa
Dr. Shilpa Kabra
Program Coordinator

S.S.
Dr. S.S. Pokharna
HOD (Commerce)



**Marathwada Mitra Mandal's
College of Commerce, Pune -04**

Consumer Day Registration Form

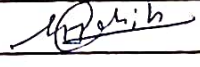
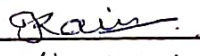
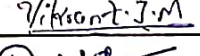


Name of Stall : Burst ME, IF 'U' CAN.

Type of Stall : Food / Game / Other

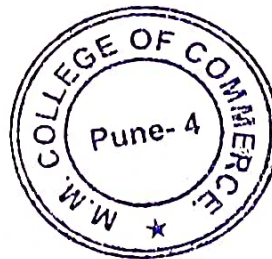
Name Blast the Balloon. - Muffins.

Price Game - Rs-20 Food - Rs-20.

Group Information :

S.No.	Name of the Student	Class	Contact No.	Signature
1	Mannan Habib	M.Com-I	9763566548	
2	Kajal Jain	m.com-I	8275816123	
3	Vikrant Moolya	m.com-I	8554948562	
4	Divya	m.com-I	8080096402	
5	Mukta Bhutada	M.com-I	7276870154	

* Identity Card is compulsory.



Marathwada Mitra Mandal's
College of Commerce, Pune -04

Consumer Day Registration Form

Name of Stall : "The Backbenchers."

Type of Stall : Food / Game / Other

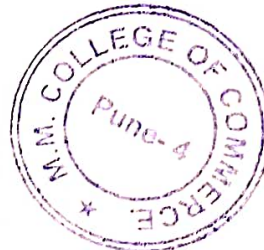
Name Glass goal / T.D.M (PUBG MOBILE) Bottle flip challenge

Price Rs 20 - Rs 30 -

Group Information :

S.No.	Name of the Student	Class	Contact No.	Signature
1	Shreyas Davajekar	} T.Y } BCOMI	9511628239	<u>Shreyas</u>
2	Siddharth More		7447666114	<u>Shore</u>
3	Atharva Naik		8378986527	<u>A.H.N. Naik</u>
4	Rutik Sakpal		8788038023	<u>R.R. Sakpal</u>
5	Vrushal Tikone		9762445244	<u>Vrushal Tikone</u>

* Identity Card is compulsory.



Marathwada Mitra Mandal's
College of Commerce, Pune -04

Consumer Day Registration Form

Name of Stall : The Creators Franky Meniya

Type of Stall : Food / Game / Other

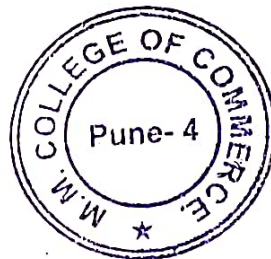
Name Franky / Tea / Kaddakk... tea / Artists than

Price Lucky Draw (Movie tickets)

Group Information :

S.No.	Name of the Student	Class	Contact No.	Signature
1	Neha Bhagwan Sable	SyBcom	9763 22 79 21	<u>Neha</u>
2	Atharva Suhas Belhekar	SyBcom	7972 86 64 13	<u>Atharva</u>
3	Akash Kiran Khajekar	SyBcom	744 74 27 27 8	<u>Akash</u>
4	Minakshi Vijay Kale	SyBcom	70666 39 58 2	<u>Minakshi</u>
5	Shailesh Shivaji Narsinghe	SyBcom	7709 86 25 33	<u>Shailesh</u>

* Identity Card is compulsory.



**Marathwada Mitra Mandal's
College of Commerce, Pune -04**

Consumer Day Registration Form

Name of Stall : Sweet n Sour

Type of Stall : Food / Game / Other

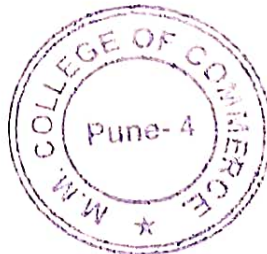
Name Sweet Corn / Masala Papad

Price ₹ 15 / ₹ 15

Group Information :

S.No.	Name of the Student	Class	Contact No.	Signature
1	Anusuya R. Vadatyaa	T.Y	9112300390	A. R. Vadatyaa ✓
2	Nikhil V. Jadhav	T.Y	7083513532	Nikhil
3	Suraj S. Mane	T.Y	7507068471	S.S. Mane
4	Pallavi M. Khandare	T.Y	9689998282	Pallavi
5	Pradnya V. Patil.	T.Y	9834261370	P.V. Patil

* Identity Card is compulsory.



Marathwada Mitra Mandal's
College of Commerce, Pune -04

Consumer Day Registration Form

Name of Stall : LUCKY Star

Type of Stall : Food / Game / Other

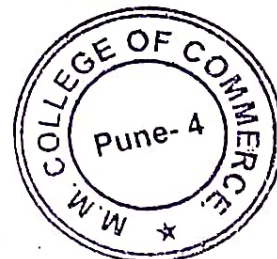
Name 7 up 7 Down , Count the marbles

Price ₹ 10 , ₹ 10

Group Information :

S.No.	Name of the Student	Class	Contact No.	Signature
1	Sudhir D. Kamble	T.Y.	8329679384	Sudhir
2	Sangharsh M. Kamble	T.Y.	7420030178	upkamble ✓
3	Babita N. Shinde	T.Y.	9822219815	B.N. shinde
4	Meqha T. Landage	T.Y.	9545819402	M.T. Landage
5	Nirrita R. Karpe	T.Y.	8554968333	Nirrita

* Identity Card is compulsory.



**Marathwada Mitra Mandal's
College of Commerce, Pune -04**

Consumer Day Registration Form

Name of Stall : 'Khatta Meelha'... (Life goes on)

Type of Stall : Food / Game / Other

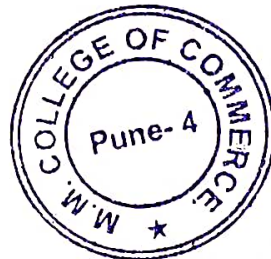
Name Pani Puri, Bhel, Dahi puri

Price Rs 15, Rs 20, Rs 25, Rs 30

Group Information :

S.No.	Name of the Student	Class	Contact No.	Signature
1	Shilpa Sumitza Bhagvan ^{Choude}	Sy. Bcom	8830313963	
2	Shweta Sangay Kachi	Sy. Bcom	7887680912	
3	Abhishek Bharat Joshi	Sy. Bcom	7447580606	
4	Karan Chandrakant Asunre	Sy. Bcom	9552844958	
5	Sakshi Balasahab Jadhav	Sy. Bcom	8669566727	

* Identity Card is compulsory.



**Marathwada Mitra Mandal's
College of Commerce, Pune -04**

Consumer Day Registration Form

Name of Stall : Swagger's

Type of Stall : Food / Game / Other

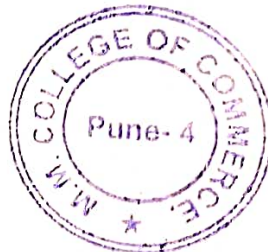
Name Sabudana Khichadi, cards, Glass game, colour game

Price 20 Rs

Group Information :

S.No.	Name of the Student	Class	Contact No.	Signature
1	Akshata Bakiare	F.Y. B.com	9765481374	Akshata ✓
2	Saloni Kharat	-	9545021013	Saloni
3	Laxmi Babar	-	7030049201	L. Babar
4	Shruti Panchal	-	9764176375	Shruti
5	Rajshri Kamble	-	8459854425	Rajshri

* Identity Card is compulsory.



Marathwada Mitra Mandal's
College of Commerce, Pune -04

Consumer Day Registration Form

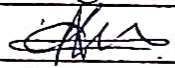
Name of Stall : (Mehendi Art) The Sparks

Type of Stall : Food / Game / Other

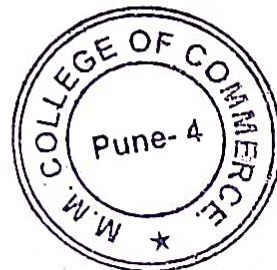
Name Akanksha D. Kamthe

Price 40/- per hand (only Arabic)

Group Information :

S.No.	Name of the Student	Class	Contact No.	Signature
1	Akalyani H. Nangare	Sybcam A	7276266196	
2	Akanksha D. Kamthe	Sybcam A	7776976298	<u>Kamthe</u>
3	Shraddha Gore	-11-		
4	Pooja chinchore	-11-		
5	Rupali Javate	SyBcom B		

* Identity Card is compulsory.



Marathwada Mitra Mandal's
College of Commerce, Pune -04

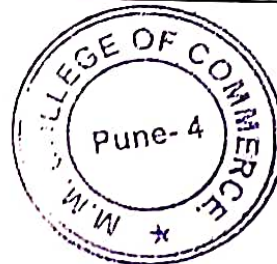
Consumer Day Registration Form

Name of Stall: ^{THE} ADVERTISEMENT HUB

Type of Stall: Food / Game / Other
Name ^{THE} ADVERTISEMENT HUB
Price -

Group Information :

S.No.	Name of the Student	Class	Contact No.	Signature
1	VARAD D. PATHAK	T.Y.B.Com	7774049140	Pathak
2	KAJAL S. SHELAR	T.Y.B.Com	9527733939	Kajal 85 ✓
3				
4				
5				



* Identity Card is compulsory.

un reqd. fee game .

**Marathwada Mitra Mandal's
College of Commerce, Pune -04**

Consumer Day Registration Form

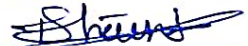

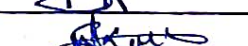
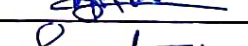

Name of Stall : Play Boyz

Type of Stall : Food / Game / Other

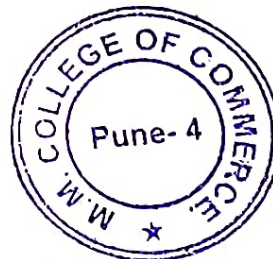
Name Cotton Candy / Darts Darts

Price giftes

Group Information :

S.No.	Name of the Student	Class	Contact No.	Signature
1	Sahil Dhainje	S.Y.B.com	7378598812	
2	Mayuresh Suryawanshi	S.Y.B.com	7769836028	
3	Sarang Kumbhar	S.Y.B.com	8605559679	
4	Sunny Kale	S.Y.B.com	703882609	
5	Vinay Shet yamgar	S.Y.B.com	9096090153	

* Identity Card is compulsory.



**Marathwada Mitra Mandal's
College of Commerce, Pune -04**

Consumer Day Registration Form

Name of Stall : Choudhari Sister's

Type of Stall : Food / Game / Other

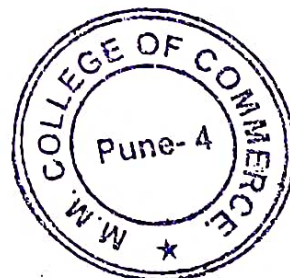
Name chips, Masala Wafers, Farsan product

Price 30, 20, 10, 50, 90. etc.

Group Information :

S.No.	Name of the Student	Class	Contact No.	Signature
1	Mamata Choudhari	fy Bcom	9028127348	<u>Mamata</u>
2	Urmila Choudhari	-11-	-11-	<u>Urmila</u>
3	Kavita Choudhari	-11-	-11-	<u>Kavita</u>
4	Asmita Choudhari	-11-	-11-	<u>Asmita</u>
5				

* Identity Card is compulsory.



Marathwada Mitra Mandal's
College of Commerce, Pune -04

Consumer Day Registration Form

Name of Stall : FUN HOUSE

Type of Stall : Food / Game / Other

Name Dhokla, Nachos, Taljeera Shots, Masala Tomato Khakra

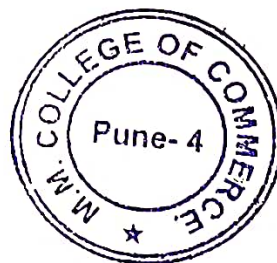
Price ₹15 ₹20 ₹10 ₹10

Dart game, Ring and Card Games ₹10 - with Surprise Gift

Group Information :

S.No.	Name of the Student	Class	Contact No.	Signature
1	Tanvi Santosh Shah	T.Y.B.com	9860672345	Tanvi
2	Rucha kishor khandelwal	T.Y.B.com	8830451831	Rucha Khandelwal
3	Rohan G. Phadke	-U	7218830379	Rohan Phadke
4	Gayatri Lodha	T.Y.B.com	8275066005	Gayatri
5				

* Identity Card is compulsory.



**Marathwada Mitra Mandal's
College of Commerce, Pune -04**

Consumer Day Registration Form

Name of Stall : YUMMY TUMMY

Type of Stall : Food / Game / Other

Name Burger

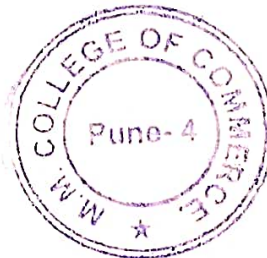
Price Food :- 35₹ Game :- 10₹

Group Information :

?

S.No.	Name of the Student	Class	Contact No.	Signature
1	Amaan. A. Khan.	S. J. B. com	7744875520	<u>[Signature]</u>
2	Umila. Luma Lande	S. Y. B. com	7219532879	<u>[Signature]</u>
3	Akanksha. G. Thote	S. Y. B. com	9359561120	<u>[Signature]</u>
4	Hema. R. Chavan	S. Y. B. com	906932285	<u>[Signature]</u>
5	Rushabh R. Hadave	S. Y. B. com	9325776262	<u>[Signature]</u>

* Identity Card is compulsory.



**Marathwada Mitra Mandal's
College of Commerce, Pune -04**

Consumer Day Registration Form

Name of Stall : glorious dish / Play station

Type of Stall : Food / Game / Other

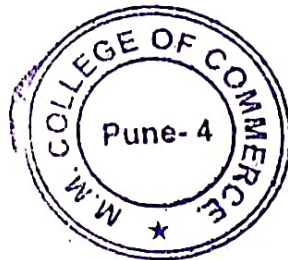
Name Chinese Bhel , Glass game

Price Rs 20/- , Rs 10/-

Group Information :

S.No.	Name of the Student	Class	Contact No.	Signature
1	Shreyans Ahemkar	F.Y.B.com	9359612059	<u>Shreyans</u>
2	Jayesh Rokde	F.Y.B.com		
3	Shubham Tiwari	F.Y.B.com	8999352280	<u>Shubham</u>
4	Snehankit Chaudhari	F.Y.B.com		
5	Sanmay Patole	F.Y.B.com		

* Identity Card is compulsory.



**Marathwada Mitra Mandal's
College of Commerce, Pune -04**

Consumer Day Registration Form

Name of Stall : Chaot Bazaar

Type of Stall : Food / Game / Other

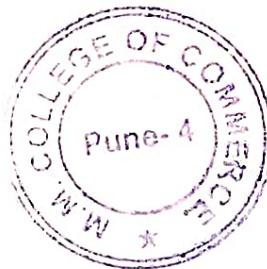
Name Bhel, Papdi Chat, Monako Chat

Price ₹ 20, ₹ 20, ₹ 15.

Group Information :

S.No.	Name of the Student	Class	Contact No.	Signature
1	Aditi Bhor	F.Y Bcom	7420018854	<u>Aditi</u>
2	Aishwarya Dadas	F.Y.Bcom	8983858216	<u>Pooja</u>
3	Aditi Deepak Ladh	F.Y Bcom	7028196100	<u>Aditi</u>
4	Ragini Dhanave	F.Y Bcom	93078 22901	<u>Ragini</u>
5	Prajakta Varékar	F.Y Bcom	8805636921	<u>Prajakta</u>

* Identity Card is compulsory.









“येथे बहुतांचे हित”

**MARATHWADA MITRA MANDAL'S COLLEGE OF COMMERCE
PUNE 411 004**

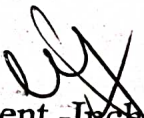
Name of the event: Guest lecture on “Digital Marketing ”

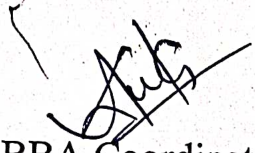
Date: 27th August 2019

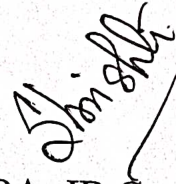
Time: 9.30 am to 10.30 pm


Venue: Dnyaneshwar Hall

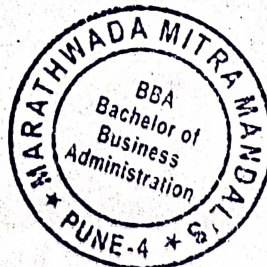
- The topic of discussion was “Digital Marketing ” This program was organized for all the students
- The guest speaker for the program was Dr. Pallavi Vadera from IBS
- A detailed explanation of digital marketing various concepts , search Engine Optimization , Advertising techniques are given
- Speaker has explained the digital marketing concept in a vary innovative way by giving examples
- Guest speaker's introduction and Vote of thank given by Prof. Kalpana Vaidya


Event -Incharge


BBA Coordinator


BBA- IB Coordinator


HOD

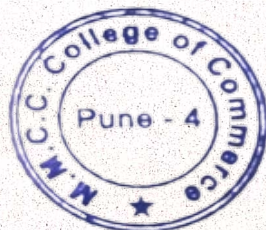




Dr. Joe Lopez felicitating Dr. Pallavi from IBS



Prof. Kalpana Vaidya introducing guest





MARATHWADA MITRA MANDAL'S COLLEGE OF COMMERCE

Affiliated to Savitribai Phule Pune University, ID. No. : PU/PN/C/068/1986
302/A, Deccan Gymkhana, Pune - 411 004. Tel.: 020 - 25677932

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Prof. S.M. Edje
DR. M. D. LAWRENCE
Principal

Date: 3rd Sept 2019

To,
Mr. Dheeraj Shokeen
IBS,
Pune

Sub: Letter of appreciation and acknowledgement

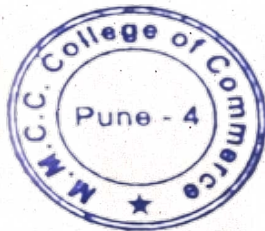
Dear Sir,

With reference to the above subject we would to appreciate your efforts for delivering the lecture organized on 27th Aug 2019 from 10.00 am to 11.00 am in auditorium on the subject Digital Marketing. It was indeed a pleasure to have you with us and we would like to thank you for your sincere efforts towards this initiative.

Looking forward to a further association with you.

Yours Sincerely,

Dr. Joe Lopez
H.O.D





MARATHWADA MITRA MANDAL'S COLLEGE OF COMMERCE

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302/A, Deccan Gymkhana, Pune - 411 004. Tel.: 020 - 25677932

येथे बहूतांशे हित' • E-mail : mmccclaw@gmail.com mmsclaw@gmail.com • Website : www.mmcc.co.in



Prof. S. M. Edeke
Dr. M. D. LAWRENCE
Principal

Date: 3rd Sept 2019

To,

Dr. Pallavi Vadehra

IBS,

Pune

Sub: Letter of appreciation and acknowledgement

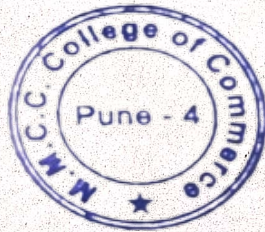
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Dr. Joe Lopez
H.O.D





MARATHWADA MITRA MANDAL'S
COLLEGE OF COMMERCE

202 A, Deccan Gymkhana, Pune – 411004

Affiliated to Savitribai Phule Pune University

Re-Accredited by NAAC with "A" Grade

08/07/2019

Notice

Cancer Awareness Programme

The Department of Computer Science organizes a "Cancer Awareness Programme " on 12th July, 2019 (World Cancer Day) at 10.30 am in Mourt Court Class for the general awareness regarding cancer only for girls.

Dr. Sandip Anapt
HOD



Prof. S.M. Edke
Principal Incharge



PLEASE MAINTAIN SILENCE

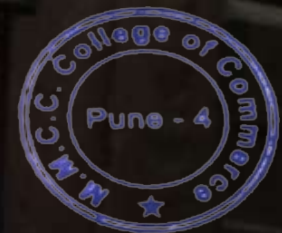
SOUTH

PLEASE MAINTAIN SILENCE



KREVENI

INNER WHEEL DISTRICT 213
INNER WHEEL CLUB MIDTOWN
Charter
International Inner Wheel
Together
195-20
Association For
Mama Day
The Secret
-Evident Ma





Trust In
Education

...





MARATHWADA MITRA MANDAL'S
COLLEGE OF COMMERCE

202 A, Deccan Gymkhana, Pune – 411004
Affiliated to Savitribai Phule Pune University
Re-Accredited by NAAC with "A" Grade

Date : 15/07/2019

Department of Computer Science

Report on Cancer Awareness Programme

An interactive session on "Cancer Awareness Programme" was organized by BBA (CA) and B. Sc. (CS) department in collaboration with Pink Foundation and Inner Wheel Club of Midtown for girl students of BBA(CA) and B.Sc.(CS) on 12/07/2019. The speaker of the session was a team of doctors that includes Dr. Aarti Shirali, Consultant Breast Surgeon and Dr. Lata Garg and members of the Pink foundations.

Meditation, eating a healthy diet, Exercise, cleanliness and hygiene during menstruation and Good sleep are key factors to keep one healthy. This session was followed by a Question and Answer session to clarify doubts and ended on note "Prevention is better than Cure".

Dr. Sandip Anpat

HOD(Computer Science)





MARATHWADA MITRA MANDAL'S
COLLEGE OF COMMERCE

202 A, Deccan Gymkhana, Pune – 411004
Affiliated to Savitribai Phule Pune University
Re-Accredited by NAAC with "A" Grade

12/07/2019

NOTICE

The Department of Computer Science is arranging a career counseling session centered around "Modern Trends in Technologies" on Saturday 20th July 2019 under the Orientation Programme for F.Y.BSc.(CS) and F.Y.BBA (CA). This enlightening event will be facilitated by Prof. Atul Kahate, a highly esteemed freelance author renowned for his expertise in the field. Kindly make a note of it.

Venue: Hall No 3

Time: 10:00am

Dr. Sandip Anpat
HOD

Principal Incharge





Career Counselling : Modern Trends in Technologies session dated 20-07-2019

Dr. Sandip Anpat
HOD





MARATHWADA MITRA MANDAL'S
COLLEGE OF COMMERCE

202 A, Deccan Gymkhana, Pune – 411004

Affiliated to Savitribai Phule Pune University

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Department of Computer Science

Date : 25/07/2019

**Report on Career Counseling :
Modern Trends in Technologies**

At the Department of Computer Science, MMCC, a much-anticipated career counseling session concerning "Contemporary Technological Trends" was held on July 20, 2019, as part of the Orientation Programme for F.Y.BBA (CA) and F.Y.BSc. (CS). Prof. Atul Kahate, a recognized freelance writer known for his skills in the field of technology, led the session. The session's goal was to help students manage the quickly changing technological landscape by offering insightful advice.

There were 275 first-year students present, which was a respectable attendance for the event. In his opening remarks, Mr. Atul Kahate stressed the significance of keeping up with current technology developments in the fast-paced labor market of today. He underlined that in order to stay competitive in the field, one must always learn and adapt.

The conversation covered cutting-edge technologies like blockchain, internet of things (IoT), artificial intelligence (AI), and cybersecurity that are transforming a number of industries. Mr. Kahate offered perceptive observations of how these technologies affect enterprises and society as a whole. We looked closely at the competences and essential skills needed to succeed in the tech sector. Mr. Kahate emphasized the value of soft skills like adaptation, communication, and problem-solving in addition to technical talents. The workshop provided insightful guidance on exploring IT industry career paths. Mr. Kahate emphasized profitable prospects for career growth and promotion while offering helpful advice on career planning.

Dr. Sandip Anpat
HOD





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COLLEGE OF COMMERCE

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Date : 02/07/2019

Notice

Pi approximation day

All students are hereby informed that on the occasion of '***Pi approximation day***' on **22nd of July**, 2019 college has decided to organize following Mathematical events :

1	Quiz Competition
2	Poster Competition
3	Speech Competition
4	Fun Games/Puzzles Competition

Students who are interested to participate in this event are requested to give their names to the following faculty members on or before 10th July 2019.

Committee Member:

Asst.Prof.Yogesh Karande

Asst.Prof. Amruta Paranjape

Asst. Prof. Pritee Garbhe



Dr.Anpat S.M.
H.O.D.
Comp.Sci.Department



Marathwada Mitra Mandal's College Of Commerce



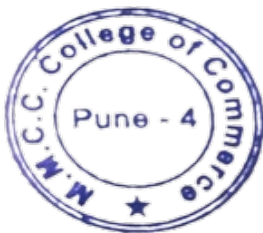
Approximation Day

22nd July

Organised By Department Of

B.SC.(C.S.), BBA(CA) & B.Com









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COLLEGE OF COMMERCE

202 A, Deccan Gymkhana, Pune – 411004
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Date : 24/09/2019

Department of Computer Science

**Report on
Observing Ozone Day**

“World Ozone Day has been observed on 16th September since 1994 and was established by the United Nations General Assembly. The day is mainly intended to spread awareness of the depletion of the Ozone Layer and search for solutions to preserve it.”

Keeping the above thought and spreading the message, Second Year BBA(CA) and BSc(CS) participated in competitions like poster presentation / model making and best slogan on 16th September 2019 at 10:30 am in the Computer Laboratory.

The student gave the message of saving our Mother Earth and providing a Greener Environment to our future generations. It was a great opportunity to watch these young minds trying to create their ideas of a better environment on paper.

Asst Prof Kamathe and Asst Prof Dabhade had a pleasurable judging experience.

Retd Prin Dr.Anil Dandekar delivered an informative lecture on Disaster Management on this occasion.

Dr. Anpat S.M.
HOD





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COLLEGE OF COMMERCE

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Date : 10/12/2019

Notice

One Day workshop on PCB Designing and Testing

All The Students of the Computer Science Department are hereby informed that the Department of Computer Science is going to organize a one day workshop on "PCB Designing and Testing" on 19 th December, 2019.

The guest speaker, Mr. Ganesh Sutar, Technical Engineer, A square Industrial Solutions Pvt. Ltd. will be the resource person.

All the students of the department of computer science will attend the same.

Dr. Sandip Anant
HOD



Prof. S.M. Edke
Principal Incharge



"॥ श्री गणेशाय नमः ॥"

Marathwada Mitra Mandal's College Of Commerce

Department Of Computer Science

"ONE DAY WORKSHOP ON PCB

DESIGNING & TESTING"

2019-2020

Welcomes You

MARATHWADA MITRA MANDAL'S
COLLEGE OF COMMERCE

202/A, Deccan Gymkhana, Pune - 411 004

Vision

"To impart quality education for professional excellence and sustainable development through continuous improvement, teamwork and efforts so as to promote welfare to all our stakeholders."

Mission

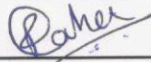
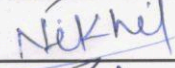
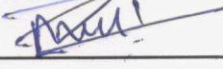
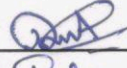
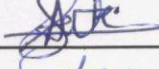
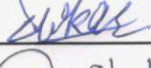
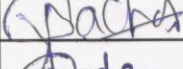
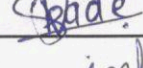
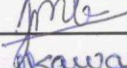
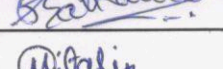
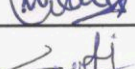
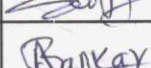
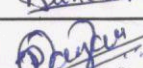
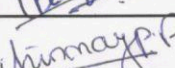
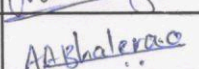
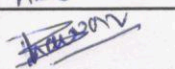
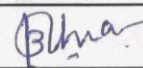

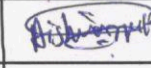

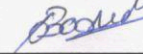

Opportunities for
Development of our
Students
Promotion of
Employment of
Students

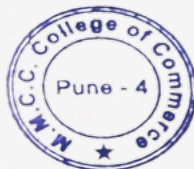


Marathwada Mitramandal's College of Commerce

F.Y.B.Sc. (Computer Science) AY 2019-20

Attendance "PCB Designing and Testing"

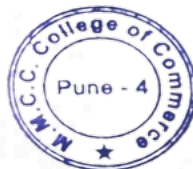
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1	Aher Prerana Madhukar	
2	Alte Nikhil Pandurang	
3	Anjutagi Anuja Rupsen	
4	Antapurkar Tanishka Parag	
5	Arankalle Dhanashree Ramchandra	
6	Aute Sudhir Jalindar	
7	Awadhut omkar Ajit	
8	Bachate Vaibhav Rajkumar	
9	Bade Vaishnavi Sunil	
10	Bahirat Jay Machindra	
11	Balkawade Shruti Sunil	
12	Bandal Mitali Anil	
13	Bandawane Saurabh Sopan	
14	Bankar Atharva Pradeep	
15	Barhate Payal Anil	
16	Bartakke Chinmay Pravin	
17	Bhalerao Aishwarya Anant	
18	Bhawar Rushikesh Tukaram	
19	Bhegade Shravani Balasaheb	
20	Bhosale Tejas Dattatray	
21	Bodkhe Aishwarya Datta	
22	Bora Viraj Dilip	
23	Borude Omkar Balasaheb	



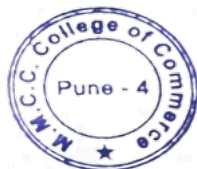
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24	Burhade Tejas Jagdish	Tejas B
25	Chaudhari Lokesh Ramakant	
26	Chavan Siddhi Abhijit	Chavan
27	Chohan Niroo Ganesh	Chohan
28	Dabade Akshada Sanjay	Dabade
29	Dahotre Sakshi Swapnil	
30	Darde Kshitija Suresh	K.S. Darde
31	Desai Siddhi Madhukar	Desai
32	Deshmukh Rushikesh Chandrarsh	Rushikesh
33	Deshmukh Siddhi Anil	Siddhi
34	Deshpande Varad Vikas	Varad
35	Dhiwar Pratham Rupesh	Pratham
36	Dhotre Ketan Rajesh	Ketan
37	Dongre Shreyash Bhausaheb	Shreyash
38	Fegade Mayur Rewa	Mayur
39	Gadewar Brijesh Vivek	
40	Gaikwad Prajwal Mahesh	Prajwal
41	Gaikwad Samyak Prashant	Samyak
42	Gajbar Vaishnavi Vitthal	Vaishnavi
43	Gala Riddhi Vipul	Riddhi
44	Ghatole Dip Digambar	Dip
45	Ghule Ajinath Babasaheb	Ajinath
46	Gite Sankalp Sanjay	Sankalp
47	Gopalghare Ketki Kailas	Ketki
48	Gore Atharva Sanjay	Atharva
49	Gujar Pranav Pravin	Pranav



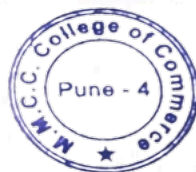
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50	Gundu Vivekanand Dattatray	
51	Chaudhary Isha Jaiprakash	
52	Hargude Somesh Nilambari	
53	Jadhav Kamlesh Ramchandra	
54	Jagtap Atharva Milind	
55	Jagtap Sahil Mahesh	
56	Jakkul Deepak Vyankatesh	
57	Jannu Shravan Pravin	
58	Jathar Mugdha Vishwas	
59	Kadam Anish Naresh	
60	Kadam Vishal Rajendra	
61	Kadam Yash Sandeep	
62	Kadlag Akanksha Bharat	
63	Kalambe Prasad Shankar	
64	Kalamkar Tushar Madhukar	
65	Kale Aarti Janardan	
66	Kamble Amit Gautam	
67	Kamble Shreyas Shailendra	
68	Kande Shweta Uttam	
69	Karbhari Eknath Balajirao	
70	Kasurde Om Ramesh	
71	Kasurde Shubham Sunil	
72	Kedari Abhishek Prasanna	
73	Khadtare Prathamesh Sumant	
74	Khairnar Devendra Sharad	
75	Khan Sourab Probhas	



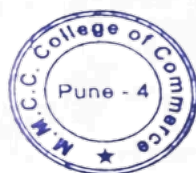
Roll No.	Name	Sign
76	Khot Basuraj Appasaheb	B.khot
77	Kondvilkar Pravin Ramesh	Pravin
78	Kore Akanksha Ambadas	Akanksha
79	Kori Atharva Chandrakant	Atharva
80	Kshirsagar Shatakshi Ganpat	Shatakshi
81	Kudale Shravani	Shravani
82	Kulkarni Yugandhara Girish	Yugandhara
83	Kumbhar Omkar Malikarjun	Omkar
84	Kumbhar Omkar Ramesh	Omkar
85	Kumkar Mayuresh Vishnu	Mayuresh
86	Landge Bhagyash Sudhir	B.S. Landge
87	Lavhe Aniket Dilip	Aniket
88	Madane Harshal Raju	Harshal
89	Malusare Avishkar Ramesh	Avishkar
90	Mandal Suraj Deepak	Suraj
91	Mandle Rushikesh Tulshiram	
92	Mane Sourabh Dilip	
93	Mark Johnson	Mark
94	Mewada Kalpesh Satish	Kalpesh
95	More Aditya Balasaheb	Aditya More
96	Mulay Aarya Swaroop	Aarya
97	Mundada Rutuja Balkrushna	
98	Mutha Ronak Sunil	Ronak
99	Naik Amit Prakash	Amit
100	Nair Vivek Madhavan	Vivek
101	Nale Sammedh Umesh	Umesh

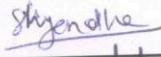
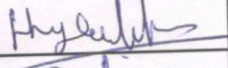
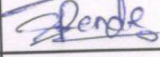
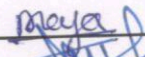





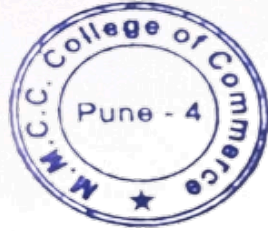
Roll No.	Name	Sign
102	Borge Tanmay Pradip	
103	Nijampurkar Nakul Shantaram	
104	Ovhal Anushka Hemantkumar	
105	Ovhal Viren Kailash	
106	Padwal Pratik Santosh	
107	Panse Atul Shridhar	
108	Pardeshi Abhay Somnath	
109	Pardeshi Kirti Mohan	
110	Pardeshi Shruti Santosh	
111	Pargaonkar Sakshi Sanjay	
112	Parte Sarthak Parag	
113	Patil Kuldeep Raju	
114	Patil Prasad Makarand	
115	Patole Akash Mahesh	
116	Pawar Manasi Anil	
117	Pawar Vaishnavi Manojkumar	
118	Naik Nimbalkar Prachi	
119	Petare Manali Prayag	
120	Pitale Siddharth Sanjay	
121	Pradhan Janjitya Jagbandhu	
122	Raut Debashish Ramesh	
123	Salunke Akash Gopal	
124	Sapkal Prajwal Sunil	
125	Sathe Soumitra Yatin	
126	Sawant Sejal Gajanan	
127	Sehgal Nikhil Vinay	



Roll No.	Name	Sign
128	Shah Khushi Arpan	
129	Shedage Indranil Vivek	<u>Shedage</u>
130	Shedage Prathamesh Pradip	<u>Shedage</u>
131	Shendge Bhavna Satish	<u>Shendge</u>
132	Shikhare Apurv Amod	<u>Shikhare</u>
133	Shinde Mayur Madhurkar	<u>Shinde</u>
134	Shinde Rohit Dattatray	<u>Shinde</u>
135	Shinge Neha Subhash	<u>Shinge</u>
136	Shirolkar Partha Pushkar	<u>Shirolkar</u>
137	Singh Anurag Santosh	<u>Singh</u>
138	Jamdade Sanket Dilip	<u>Jamdade</u>
139	Sonawane Gopal Arjun	<u>Sonawane</u>
140	Sonawane Viraj Sanjay	<u>Sonawane</u>
141	Shelar Abhishek Sunil	<u>Shelar</u>
142	Sudrik Kshreyash Dattatray	<u>Sudrik</u>
143	Surwade Akshobhya Vishwasrao	<u>Surwade</u>
144	Suryawanshi Swapnil Rajesh	<u>Suryawanshi</u>
145	Takalkar Sakshi Shankar	<u>Takalkar</u>
146	Tangade Ankit Tejrao	<u>Tangade</u>
147	Tanpure Aishwarya Dattatrya	<u>Tanpure</u>
148	Thakur Tanvi Prashant	
149	Uppin Rutuja Rajshekhar	<u>Uppin</u>
150	Vazarkar Aditya Rahul	<u>Vazarkar R.V.</u>
151	Vitkar Renu Chandrakant	<u>Vitkar</u>
152	Waghode Varun Yatindra	<u>Waghode</u>
153	Wakchaure Anupriti Avinash	<u>Wakchaure</u>



Roll No.	Name	Sign
154	Yendhe Shreyash Sharad	
155	Yeolekar Hrushikesh Prasad	
156	Zende Shubham Ramdas	
157	WAGHMARE MAYA	
158	Sindagi Sunil Mallappa	
159	Solanki Yash Pramod	
160	Bhosale Manavendra Vilasrao	



$$48 + 02 = 50$$



MARATHWADA MITRA MANDAL'S
COLLEGE OF COMMERCE,

PUNE -411004

24/12/2019

Department of Computer Science.

A Report on one day Workshop on “PCB Designing and Testing”

The department arranges the various kinds of Workshops on a continuous basis to enhance student's practical & technical skill and to make them compatible with industry. The department promotes the students inclination towards innovation and resaerch.To fulfill departmental goal and industry need computer science (in Electronics) & department has organized “A one day workshop on "PCB designing and Testing" Presented by Ganesh Sutar.Technical Engineer, A square Industrial Solutions Pvt. Ltd. in which knowledge of “How the PCB Designing is done in industry?” was given to the our college Studentson 19th December, 2019.

PCB Designing is one of most emerging field in Electronics in today's era. For the students of Computer Science (Electronics) this is a good field to start their career.PCB designers are key persons in research and development (R&D), electronics production units as well as in the PCB industry. Event was started by the informative and motivational talk to have a healthy “PCB Designing and Testing Workshop”. The workshop started with an inaugural function at 10:00 A.M. on 19th December, 2019.Dr. Rajeshwari Biradar Welcomed to the guest and addressed the workshop.

Following content were covered in workshop:

1. Schematic Design
2. Component footprint Design
3. Integrated library Design
4. PCB design and Routing

Dr.S.M.Anpat
HOD



Prof. S.M. Edke
Principal Incharge



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COLLEGE OF COMMERCE

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Date : 02/09/2019

Notice

Teacher's Day Celebration

The Department of Computer Science will be celebrating Teachers' Day Program on September 5, 2019, to honor the dedication, perseverance, and contribution of our esteemed teachers.

The celebration will commence at 10:30 am in Hall No.03. A series of special performances, including dances, songs, and a skit, are planned to pay tribute to our educators. Students who wish to participate in any of the events are requested to give their names to the class representatives by September 2, 2019.

For further details, kindly contact the undersigned.

Prof. Pranita Raskar
Prof. Sonali Wagh
Prof. Shubhangi Mathe
Prof. Shubhangi Choudhari

Dr. Sandip Anpat
HOD

Prof. S.M. Edke
Principal Incharge

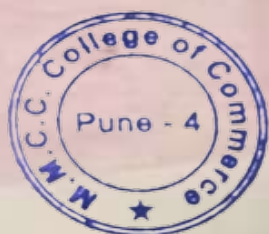






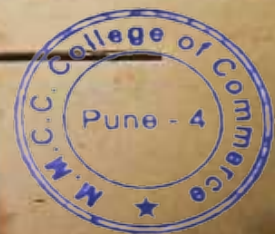


HAPPY
TEACHERS
DAY





HAPPY
TEACHER'S
DAY







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Department of Computer Science

Report On Teachers' Day.

Date : 05/09/2019

Teachers' Day programme was organized by Department of Computer Science students in the Assembly Hall No.3 of MMCC college on 5th Sept. at 10:30 am. On that day, some of the students played the role of teachers and principal and conducted the lectures and looked after the discipline. The In-charge teachers for this programme were Prof. Pranita Raskar, Prof. Sonali Wagh, Prof. Shubhangi Mathe and Prof. Shubhangi Choudhari.

The inauguration of the programme was done with Saraswati Pujan by lighting the lamp followed by Ganesh Vandana. Later Students delivered speeches to share their respect for the teachers, various dances and songs were performed by the students. Apart from these, Games for teachers were also conducted. The programme ended with a vote of thanks and all the staff members were felicitated by the students.



Dr. Sandip Anpat

HOD



MARATHWADA MITRA MANDAL'S
COLLEGE OF COMMERCE

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Notice
Observing Ozone Day

10/09/2019

"Gratitude Day is celebrated annually on the 21st September. The celebration of Gratitude Day allows both individual citizens and organizations within wider society to celebrate the broad meaning of gratitude in a variety of ways."

Keeping the above thought and spreading the message, First Year BBA(CA) and BSc(CS) students are hereby informed to participate in :-

1. Writing gratitudinal messages to a person /organization through e bulletin. [Selected messages will be published on the college website.]
2. Community work - felicitating traffic police, hospital staff, security personnel & college staff, NGOs etc

Rules :

- a) Student can participate in both the above activities
- b) Participants will be sent in a group for felicitating people
- c) Teachers will select best messages for publishing on e bulletin

Register your names with the following teachers

FYBSc(CS) : Sonali Wagh, Amruta Paranjape, Yogesh Karande

FYBBA (CA) : Nidhi Satavlekar, Shubhangi Mathe, Ashwini Kitekar

Dr. S S Kolhatkar
BSc(CS) Coordinator

Asst. Prfo. Nidhi Satavlekar
BBA(CA) Coordinator

Dr. Anpat S.M.
HOD





... College of
Commerce
Celebrates
**INTERNATIONAL
OZONE
DAY**
15 SEP 2019

THE WORLD
OF
COMMERCE

M. M. C. C. College of Commerce
Pune - 4



M.M.C.C. College of Commerce
Pune - 4



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Date : 24/09/2019

Department of Computer Science

**Report on
Observing Ozone Day**

"World Ozone Day has been observed on 16th September since 1994 and was established by the United Nations General Assembly. The day is mainly intended to spread awareness of the depletion of the Ozone Layer and search for solutions to preserve it."

Keeping the above thought and spreading the message, Second Year BBA(CA) and BSc(CS) participated in competitions like poster presentation / model making and best slogan on 16th September 2019 at 10:30 am in the Computer Laboratory.

The student gave the message of saving our Mother Earth and providing a Greener Environment to our future generations. It was a great opportunity to watch these young minds trying to create their ideas of a better environment on paper.

Asst Prof Kamathe and Asst Prof Dabhade had a pleasurable judging experience.

Retd Prin Dr.Anil Dandekar delivered an informative lecture on Disaster Management on this occasion.

Dr. Anpat S.M.
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Date: 16/07/2019

Notice
Orientation Programme

The Department of Computer Science is arranging Soft Skills - Orientation for "Leadership Skills" on Thursday 25th July 2019 under the Orientation Programme for F.Y.BSc.(CS) and F.Y.BBA (CA). This session will be conducted by Mrs. Dhanashree Ghare, Student Counsellor, MMM Group of institutes. Kindly make a note of it.

Venue: Hall No 3

Time: 10:30am

Dr. Sandip Anpat
HOD

Prof. S.M. Edke
Principal Incharge





KEEP SILENCE





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COLLEGE OF COMMERCE

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Date : 20/07/2019

Department of Computer Science

Report on

"Soft Skills - Orientation for "Leadership Skills""

The guest session on "Soft Skills Orientation for Leadership" was held in the Department of Computer Science to equip students with essential soft skills necessary for effective leadership roles. The session was for first year students conducted by Mrs. Dhanashree Ghare, Student Counsellor, MMM Group of institutes. The session aimed to enhance participants' interpersonal communication, emotional intelligence, and conflict resolution abilities.

Communication Skills: It was highlighted how crucial it is for leaders to communicate in a clear and succinct manner. There was discussion on effective message delivery and active listening techniques.

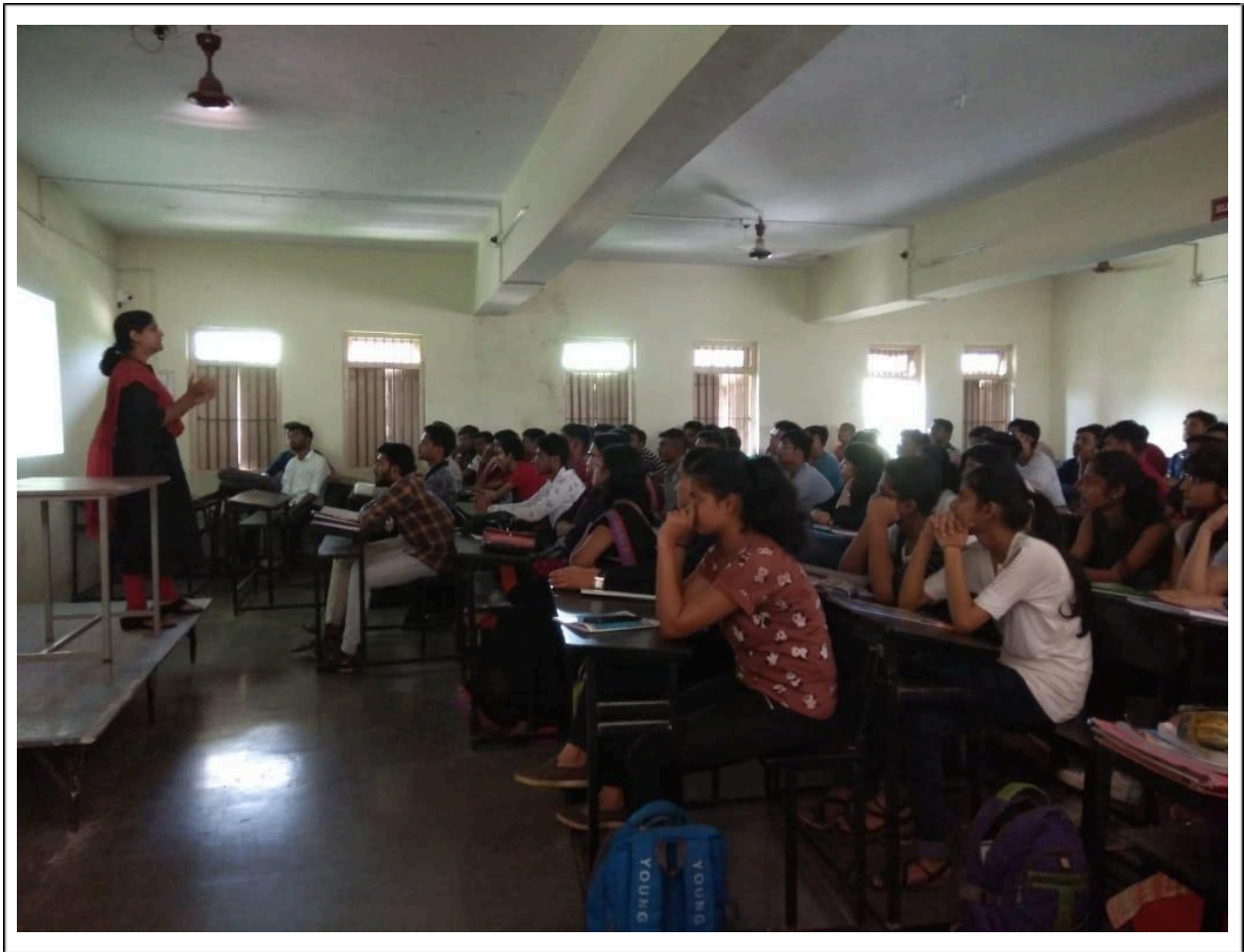
Emotional Intelligence: It was noted that emotional intelligence was essential for effective leadership. The individuals took part in exercises designed to improve their self-awareness and empathy for their teammates.

Adaptability: It was underlined that leaders must be able to change with the times and encourage creativity in their workforce. We looked at ambiguity management and change acceptance techniques.

Conflict Resolution: Methods for settling disputes fairly were presented. The main goal was to create a cooperative atmosphere where disagreements are respectfully and constructively resolved.

Making Decisions: During the class, we discussed how to make decisions by obtaining pertinent data, weighing our options, and projecting possible consequences. The significance of making informed yet decisive decisions was emphasized.

Team Building: The importance of diversity and inclusivity was emphasized in the discussion of creating and managing high-performing teams. There was sharing of tactics for cultivating a climate of mutual respect, cooperation, and trust.



Mrs. Dhanashree Ghare conducting the Soft Skills - Orientation for "Leadership Skills

The guest lecture offered helpful insights and useful tactics for cultivating the fundamental soft skills required for successful leadership. It was suggested that participants use the ideas covered in class to their own roles and to keep improving as leaders. All in all, the meeting provided a basis for developing competent and compassionate leaders inside the company.



Dr. Sandip Anpat
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BSc (CS) & BBA (CA) Department

NOTICE

11/03/2021

This is to inform the students of BSc (CS) & BBA (CA) Department that guest lecture has been organized on the subject "Cyber Security" on 13th March 2021 at 11 am on Online Platform through Google Meet. The students are requested to join 10 min before the session.

Guest Speaker: Prof. Seema Dixit

Time: 11:00 am to 12:30 pm



Dr. Anpat S. M.

HOD BSc (CS) & BBA(CA)



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15/03/2021

Department of Computer Science

Report on

Cyber Security

As part of IQAC initiative Online workshop on "Cyber Security" was organized on 13th March 2021 for the students of second and third year. Around 100 students attended the online session that was conducted by Ms. Seema Dixit, Senior Security Consultant in IQSPL Pvt. Ltd., Pune. The session focused on software online tools and techniques for understanding cyber security, data security, mobile security etc. The students showed keen interest in these online tools and posed many queries related to the certification too.

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BBA(CA) & B.Sc(CS) Department
organises

Workshop on Cyber
Security-In today's
time, Security is like
a moving target.

Speaker-Prof Seema
Dixit, IQSPL, Pvt Ltd

Google Meet : [link:meet.google.com/hkr-nuzw-moa](https://meet.google.com/hkr-nuzw-moa)
Date : 13/3/2021
Time : 11.00 am- 12.30 pm

The workshop likely provided practical insights into real-world cyber security challenges and solutions. The session also included case studies or examples to illustrate concepts and demonstrate the importance of cyber security in various contexts. Furthermore, the interaction between the students and Ms. Dixit would have fostered a dynamic learning environment, encouraging active participation and engagement throughout the session. Overall, the workshop likely served as a valuable educational opportunity, empowering students with knowledge and skills essential for navigating the digital landscape securely.



A handwritten signature in blue ink, appearing to read "Dr. Sandip Anpat".

Dr. Sandip Anpat
HOD



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20/01/2020

NOTICE

The Department of Computer Science is arranging a Seminar on "Big Trends in Business Intelligence and Data Analytics" by Mr.Nilesh Joglekar, IT Professional on Friday 31th January 2020 for T.Y.B.Sc. students. Kindly make a note of it.

Venue: Hall No 3

Time: 11:00 am



Prof. S.M. Edke
Principal Incharge



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COLLEGE OF COMMERCE

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**Report on A Seminar on
"Big Trends in Business Intelligence and data Analytics"**

A seminar on "Big Trends in Business Intelligence and Data Analytics" took place at the Department of Computer Science, MMCC on July 20, 2019. Mr. Nilesh Joglekar, a seasoned IT specialist with an abundance of experience in business intelligence and data analytics, led the session. The aim of the seminar was to shed light on the latest developments and emerging trends in these domains. Sixty-Two students attended the session.

Mr. Nilesh Joglekar commenced the seminar by providing an overview of the evolving landscape of business intelligence and data analytics. He emphasized the growing importance of data-driven insights in driving organizational success and competitiveness. The discussion delved into the big trends shaping the future of business intelligence and data analytics. Mr. Joglekar highlighted key areas such as artificial intelligence, machine learning, predictive analytics, and data visualization techniques. Practical examples and case studies were shared to illustrate the real-world applications of advanced analytics in diverse industries. The seminar also addressed the challenges and opportunities associated with the adoption of big data and analytics technologies.

Dr. Sandip Anpat
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principal@mmcc.edu.in, enquiry@mmcc.edu.in, www.mmcc.edu.in

Problem solving methodologies

1	Assignments
2	Case Study
3	Competition Based Learning

NAME: SANKET .K.

BORADE

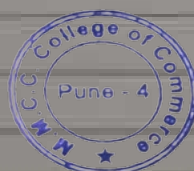
• ROLL NO: 2260

STD: TYBcom

DIV: C

• MARKETING MANAGEMENT

ASSIGNMENT: 02



ASSIGNMENT-II

Sub:- Marketing Management-III (Sem VI)

Q. 1. What do you mean by Typography? Explain with various examples and types.

Ans:- Meaning:- Typography is the art of creating and arranging text in a visual manner. It also involves careful arrangement and selection of point size, line length, and spacing both on a single line and throughout an entire page. It is both an art and a technique. Once created through printed materials, typography is all about arranging type (letters or characters) in a way that enables learning and recognition. Typography is important in advertising because it tells the consumer what they're reading and why it's important to them.

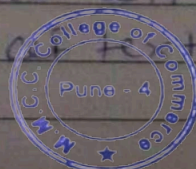
* Types of Typography:-

(I) Good Typography:-

WHY DO WE
WANT TO BE
SOME THING ?

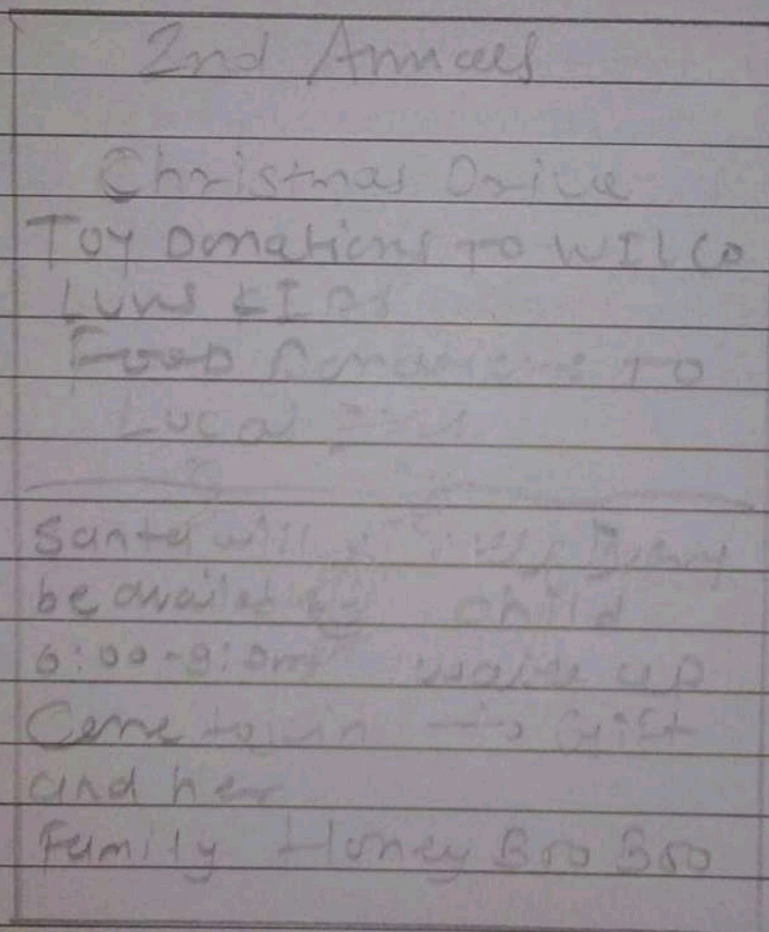
The above print ad is a great example of the power of typography. The contrast between the green background and the white lettering combined with the short, two-to three-word lines of text makes it easy to read.

(I)



The large font is impactful, and the use of transparency makes certain letters more ambiguous, thereby highlighting the meaning of the ad. The details are then laid out underneath the title but are only presented after the title grabs the reader's attention.

② Bad Typography:-

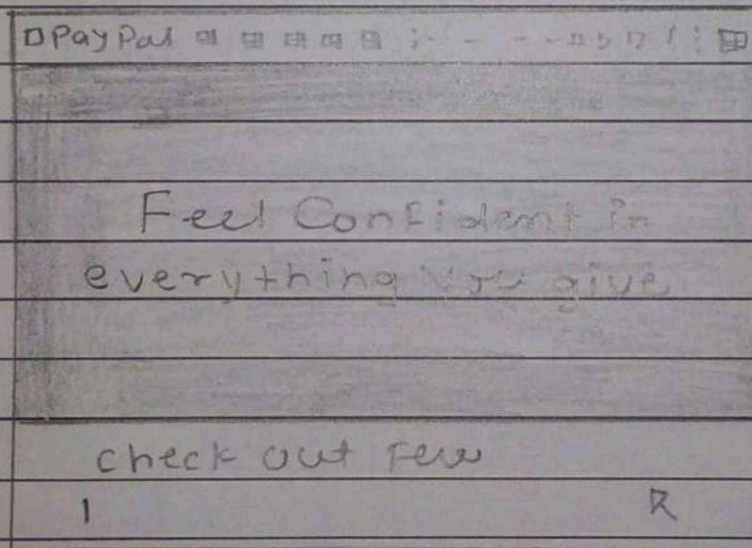


The ad for Honey Boo Boo's Christmas Drive is the epitome of bad typography. There are too many different fonts, colors, and line heights, and with text scattered haphazardly throughout the whole ad, the reader doesn't know where to begin. And the text is emphasized, leaving the reader confused and

uncertain as to which part the most important. There is not a clear direction for how this information should be read.

* Typography on the web:- when it comes to the way text is presented is essential because of this, the aesthetics of a web site are key to a great user experience and making a lasting impression. web designers must use page titles, headings and other such elements in order to set a hierarchy and define relationships between various elements.

*



The website above figure is a classic of typography. The title is bold and centered and is the first thing the viewer reads. The link below is obvious and clear about what page it will navigate to, and the text below the image describes the message presented in the title. Treatment of the text is visually appealing and is easy to comprehend.

* Typefaces vs. Fonts :- A Typeface is a family of fonts (such as Helvetica Regular, Helvetica Italic, Helvetica Bold, Helvetica Black, etc) but a font is one weight or style within a typeface family (such as Helvetica Regular).

* Types of Typefaces :- there are many different classifications of typefaces, but the most common two types are :-

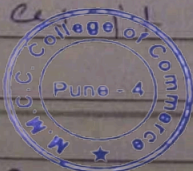
(1) Serif :- these typefaces are the more traditional ones. "Serifs" are the little feet or arms that hang off the end of letter strokes and typically add a thick/thin look to the letter. Serif fonts are considered the easiest fonts to read so they are most often used as text or "body" copy.

(2) Sans-serif :- As the name suggests, sans serif fonts are "without serifs" and usually have an overall even stroke weight. Sans-serif fonts can evoke a more modern look because they were not created until the 19th century. While they can also be harder to read, they are often used only for small amounts of copy, sub-headings, or large headlines. Helvetica is the most universal sans serif font and is used around the world.

Serif

Sans-serif

(4)



ASSIGNMENT-II

Sub:- Marketing Management - III (Sem. VI)

Q.2. What is the relevance of designs with creative advertisement? OR How designs are helpful in creative advertisements.

Ans:- It is only because of its beautiful design, communicative power, and fascinating execution. Thus, design is one of the most fundamental features of an advertisement. However, design depends upon the requirement of the client and features, functions, appearance, and nature of the product.

A smartly articulated design encourages or in other words subtly compels people to buy the product.

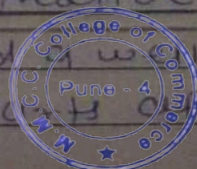
* How designs are helpful in creative Ad:-

Designing is all about creative ideas and is solely dependent upon the clear understanding of a project's goal. Once the project is clear, one needs to do a little market research to understand the behavior of potential customers.

Punchline, eye-catching heading, succinct content body, and relevant image (if any required) must be figured out in advance. If you have all equipment ready with you, you can develop a creative design.

* Strategies to create creative advertisements:-

A clear cut idea and a well-defined strategy are the integral parts of a creative design.



Date:- 14/08/2019


Marathwada Mitra Mandal's College of Commerce
BBA/BBA (IB) Department

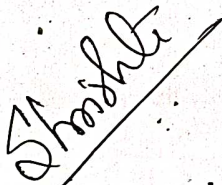
NOTICE

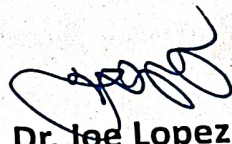
All FYBBA/FYBBA (IB) students are hereby informed that, the Mathematical Models Competition will be held on 31st Aug 2019. The students who are interested submit their names to Prof. Snehal Borkar before 20th Aug 2019.

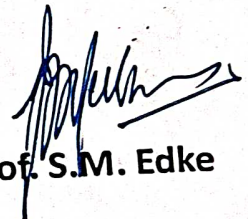
Venue:- Moot Court

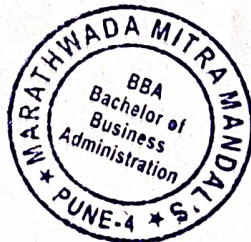
Time:- 10.00 a.m. to 11.15 a.m.


Dr. Ashwini Kulkarni
Co-Ordinator
BBA


Dr. Shrishti Gangalay
Co-Ordinator
BBA (IB)


Dr. Joe Lopez
H.O.D
BBA/BBA (IB)


Prof. S.M. Edke
Principal





MARATHWADA MITRA MANDAL'S COLLEGE OF COMMERCE

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302/A, Deccan Gymkhana, Pune - 411 004. Tel.: 020 - 25677932
E-mail : mmccclaw@gmail.com mmsclaw@gmail.com • Website : www.mmcc.co.in



DR. M. D. LAWRENCE
Principal
21st Aug, 2019

To;
Prof. Vishnu Potdar,
Department of Commerce,
MMCC, Pune.

Sub: Invitation as Judge for Mathematical models competition.

Dear Sir,

We are organizing a Competition on Mathematical Models for FYBBA and FYBBA (IB) on 31st Aug 2019.

We shall be highly obliged and grateful to you, if you could present and judge the Mathematical models of the students in competition to be held on 31st Aug 2019 between 10.00 – 11.00a.m.
We look forward for your gracious presence.

Thanking you,

Yours Sincerely,

Dr. Joe Lopez
HOD,
BBA/BBA-IB

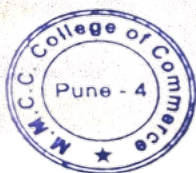


Received
At 10.00 am. ?
Mm

Marathwada Mitra Mandal's College of Commerce
BBA/BBA (IB) Department

FYBBA

Sr.No	Roll No.	Name of the Students	Topic
	1128	Dnyanesh Pokmare	
1	1138	Pa Pranita Jagtap	} → Expert learning
2	1178	Vaibhavi Pillay	
3	1217	Prajwal Gund	} ATM.
4	1254	Vidhi V. Jain	
5	1239	Divya C. Jain	
6		Yogesh S. Mote	} Secret SUM
7	1140	Subham M. Jeeh	
8	1114	Shifa Chaudhary	} Onkar Sawant.
9	1149	Deepasha Kulkarni	
10	1289	Fahar Shumika Chandak	} Maths model for LCM addition making Method
11	1166	HARSH PALO	
12	1279	YOGENDRA CHAVAN	} PIF (22/7)
13	1238	Aditi Kondalwade	
14	1196	Sakshee Shikole	} volume, Surface Area
15	1257	Rohan Krushna Mone Lo Lo Lo	
16	1191	Chirayu R. Shelke	} Calculator
17	1211	Ashish Judev	
18	1155	Harshvarhan Vinodrao	} mathematical puzzle
		Mane Dechmulsh	
19	1235	Sahil Navrat	
20	1237	Nilesh Milchre	} Magic of Mathes (LCM model)
21	1151	Mehul Lalwani	
	1215	Sameer Joshi	
22	1132	Sureta Shree Gupta	} Geometry 8 octants for exhibition
	1117	Rachana Chaudhary	
		Shivajali Patel	
23)	1247	Prathmesh Vilas wagh	} How to find day of any date
	1262	Rahul malik	
	1261	Yash jain	
24)	1216	Om shah	}
	NA	Born Jay	
25)	1234	Vedant Kala	}
	1248	Roshan Lodha	
	1147	Kunal Khedkar	
21)	1215	Sameer Joshi	} calculative demonstrative model.
	1151	Mehul Lalwani	
	1245	Irani Parandhe Phavandhe	



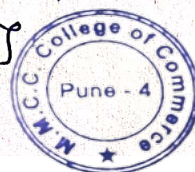
Vaibhav Gadekar
 Raj Waghela
 Rameshwar Katane
 Anand Barwad
 Somu Padiya

Bar graph.

		Trfan Kazi Divyesh Kadam	Calculator
22)		Pratiksha Kochar vedika Deshmukh Nidhi Ranichandran	pythagoras theorem model.
23)		shreya kabra Ruta Modak manoj D. Mahajan	Model on angles
24)		Riddhi Patel Harsh Patel	
25)		Komal Agarwal Bhavisha Patel	Corresponding Angles
25)		Anayesh Patil Manoj Mahajan	
26)		Manali Navlakha Bhavona Ranaware Rutuja Kshirsagar	Pythagoras theorem. Model.
27)		Prajakta shedge Monika sahar Vaishnavi Agarwal	Magic Mind reader's
28)		Rohit Patil Rushikesh Telalwar Vikas Bare	Mathematical Model on ratio.
29)		Raman Suryawanshi Yash Bedke	Multiplication Table Wheel of Time pythagoras theorem
30)	12 ⁵⁵ 30 1187 1186	Mirlesh Mehta Harshit Shah Jineth Shah	Types of Graphs.
31)		Shyam Sharma Ritish Jani Om kale Omkar Jare	How to find Day & Date.

32. Rutuja Sonawane
 Pratasha sura.

Multiplication
 Wheel

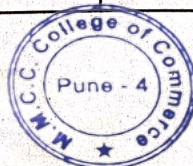


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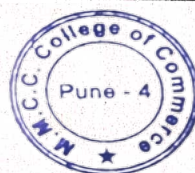
BBA/BBA (IB) Department

FYBBA (IB)

Sr.No	Roll No.	Name of the Students	Topic
1.	1038	Madhura R. Palange	Maths in Engineering
2.	1050	Shweta Shelar	
3.	1053	Aditi Shirke	
4.	1061	Ankita Mehta	
5.	1056	Suryawanshi Shrutij	Linear pair angles
6.	1068	Veushali Jadhav.	Linear pair angles.
7.	1017	Aditya Gaikwad.	Tables TLM/ATM
8.	1020	Saipratad Holambe	
9.	1017	Unmesh Dhorgade	
10	1008	Shrutthi Cholasani	Types of angles.
11	1014	Raj Priyanka Dongaui	
12	1002	Abhishek Appani	
13	1078	Vaibhav Sandip Spinde	Trigonometric working Model.
14	1001	Shivam Murej Abhane	
15	1076	Sanshti Kurchade	ATM.
16	1037	Pranjal Pacharne.	
17	1039	Shrutthi Pathare	Scientific Calculator
18	1058	Shivani Shaktur.	
19	1070	Tanishq Kothari	
20	1061	Ashwinil Rakesh Spinde	New Mathematical Calculator printer.
21	1002	Nalveshwan Appani	
22	1006	Shruti Bondla	
23	1069	Gaurav Agrawal	Polygons.
24	1065	Abhishek Bibani	
25	1024	Vedant Bajaj	
26.	1024	vedant gaju.	Stock & shares.
27.	1013	Amit Dixit	
28.		Omkar Korgankar	
29.	1016	Gaherwar sudarshan	polygons.
30	1003	Arvind Bagni	
31.	1071	Yash Rudrawar	
32.	1045	Vedant Korge	How to find Day of any Date
35	1044	Attharav Piscal	



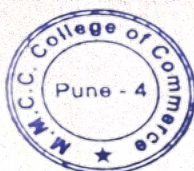
36	1066	Omkar Bihani	} To find the geometric shapes and properties.
37	1018	Suraj Gund Patil	
38	1055	Susant Sonawane	
39	1060	Dhruvesh Gurav.	} Ratio & Proportion
40	1007	Jignesh Bora	
41	1029	Shubham Kothari	
42	1057	Shubham Sutar	} ATM machine
43	1026	Omkar Kadam	
44	1010	Mahesh Delvi	
44	1004	Rayyan Bagwan	} Probability
45	1073	Alyo Sayyed	
46	1049	Simran Sharma	} How to find a date and day?
47	1046	Priyanka Raparti	
48	1062	Vaishnavi Jagdale	
48	1005	Srushti Bhosle	} Mathematical Clock
50	1025	Harshada Jathar	
51		Gayatri Joshi	
52	1035	Nitu Nikam.	} 3d Geometrical Solids
53	1019.	Beema Halade.	
54	1023		
30	1030	Iodha. Yash. Jathar.	} Secret sum with sol ⁿ .
	1054	Sonawane. Anuja.	
	1023	Jain. Ruchi.	
	1018	Suraj Gund	
	1055	Susant Sonawane	
	10		
	1011	Atesh Dhende	}
	1048	Anshul Rokade	
	1031	Shubham Mhangare	
	1015	Sanket Dudhakar.	} Stock & Shares.
	1059	Jayesh Thorat.	
	1027	Rohan Kamble.	



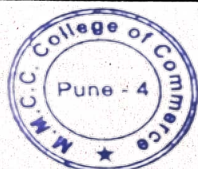
Marathwada Mitra Mandal's College of Commerce
BBA/BBA (IB) Department
FYBBA

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Sr.	Name of the Students	Topic Name	Present ation	Content	Applicati on	Total
1	Dnyanesh Fokmare Pravita Jagtap. Vaibhavi Pillay.	Expert Learning	05	02	04	11
2	Prajwal Gund Vidhi Jain Divya Jain	ATM	3	2	02	07
3	Yogesh Mote Shubham Jain Omkar Sawant	Secret Sum				
4	Shifa Chaudhary Deepasha Kulhare Bhumnika Kshitiya Suryawanshi	LCM Method	10	09	09	28
5	Harsh Palo Yogendra Chavan	PIE (22/7)	05	04	03	12
6	Aditi Kondawade, Sakshee Shitole Krishna More	Volume, Surface area	06	02	01	9
7	Rohan Lolage Chirayu Shelke. Ashish Yadav Abhishek Bhosle.	Calculator Degree Protectas	0	0	0	0
8	Harshwardhan Mane Sahil Navrat Diyesh Kadam	Mathematical Puzzle				
9	Nilesh Milgire,	Magic of Maths				
10	Sweta Gupta. Rachana Choudhary Shivanjali Patil	Geometry 8 Octants	03	02	04	09
11	Prathamesh Wagh Rahul Malik Yash Jain	How to find day and date	8	10	05	23
12	Vedant Kala Roshan Lodha Kunal Khedkar					

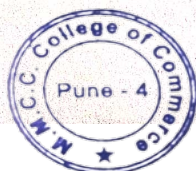


13	Sameer Joshi	Calculative demonstrative model	8	8	5	21
	Mehul Lalwani					
	Irani Pharandhe					
14	Vaibhav Gadekar	Bar Graph	10	10	08	28
	Raj Waghela					
	Rameshwar Katare Anand Borundiya					2
15	Irfan Kazi	Calculator				
	Divyesh Kadam					
16	Pratiksha Kochar	Pythagoras Theorem	04	05	03	
	Vedika Deshmukh	Secret sum				
	Nidhi Ramchandran					
17	Shreya Kabra	Models on Angles	10	08	05	23
	Ruta Kabra					
	Manoj Mahajan					
18	Riddhi Patel	Formula learning	5	5	3	13
	Harsh Patel	Device				
19	Komal Agarwal	Corresponding angles	05	4	2	11
	Bhavisha Patel					
20	Manali Navlakha	Pythagoras Theorem	08	09	03	20
	Bhavana Ranaware					
	Rutuja Kshirsagar					
21	Prajakta Shedge	Magic Mind Reader	08	06	02	16
	Monika Sahare					
	Vaishnavi Agarwal					
22	Rohit Patil	Mathematical Model on Ratio	03	04	02	09
	Rushikesh Telalwar					
	Vikas Bare					
23	Raman Suryawanshi	Pythagoras Theorem				
	Yash Bodke	Mathematical Watch	5	3	2	10
24	Minesh Mehta Sahil Navrat	Types of Graphs				
	Harshit Shah					
	Jinesh Shah					
25	Ritish Jani	How to find day and date	08	08	08	24
	Om Kale					
	Omkar Jare					
26	Rutuja Sonawane	Multiplication Wheel	04	03	02	09
	Pratusha Sura					



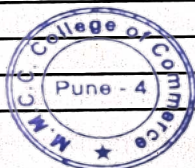
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27	Omkar V. kale Prathamesh chavan sabil thadke	Creative elimination	08	03	02	13
28	Akash S. Bhatra Manas Mody Karan deshmukh	Mathematical clock.	05	05	04	14
29	Shiva Chinnakar Atharva Yande mayuresh Tambe Utkarsh chakote	Area of circle	05	03	08	16
30	Om Shah Jay Rora Siddharth Chuttar	Ratio & Proportion	04	03	05	12
31	Rameshwar. Katare Anuj Parikh	Formula Machine.	04	03	02	09
32	Shubham Kothari Jignesh Bora Divyesh Guzav	Ratio & Proportion	04	05	04	13
33	Vivek Pacharane Shoan Hegde Yogiraj Pokale.	Blank M Clinometer.	10	03	10	23
34	Vrushali Jeehan Agarwal	Linear pair	05	3	2	10
35	Tahir Fromdani	ATM machine	05	03	01	09
36	Suman	card steel	02	01	04	07
37	Aditi, Pooja		04	02	01	07



Marathwada Mitra Mandal's College of Commerce
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Sr.N	Name of the Students	Topic Name	Presenta tion	Content	Applicati on	Total
1	Madhura Palange Shweta Shelar Aditi Shirke	Maths in Engineering	8	8	02	(18) 3
2	Shruti Suryawanshi vrushali Jadhav	Linear Pair angles				
3	Aditya Gaikwad Saiprasad Holambe Unmesh Dhongade	Tables TLM/ATM	03	02	05	10
4	Shruthi Chalasani Priyanka Dongari	Types of Angles	05	04	02	11
5	Vaibhav Shinde Sivam Abnave Tuhina	Trigonometric working Model	06	05	01	12
6	Srushti Kurhade Pranjāl Pacharne	ATM	04	05	03	12
7	Shruti Pathare Shivani Thakur Tanishq Kothari	Scientific Calculator	04	05	01	10
8	Ashwini Shinde Maheshwari Appani Shiva Bondla	Mathematical Calculator Addition machine	08	08	10	(26) 2
9	Gaurav Agarwal Abhishek Bihani Vedant Bajaj	Polygons				
10	Vedant Jaju Amit Dixit Omkar Koregavkar	Stock and Shares				
11	Sudarshan Gaherwar Arvind Bagri Yash Rudrawar	Calculator Polygon	05	04	00 02	11
12	Vedant Range Atharav Pisal	How to find day and date	05	04	03	12
13	Omkar Bihani Suraj Gund Sudhant Sonawane	Geometric Shapes	10	10	10	(30) 1
14	Dhurvish Gurav Jignesh Bora Shubham Kothari	Ratio and Proportion				
15	Shubham Sutar Omkar Kadam Mahesh Dalvi	ATM				



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“येथे बहुतांचे हित”

**MARATHWADA MITRA MANDAL'S
COLLEGE OF COMMERCE
PUNE 411011**

Date: 31st August 2019

Name of the event: Mathematical Model Competition

Date: 31st August 2019

Time: 10 a.m. to 12 p.m.

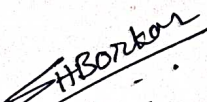
Venue: Moot Court

The Mathematical Model competition was organized for FY BBA/ BBA-IB students.




Total 140 students from BBA/ BBA-IB participated in the event in 61 teams.

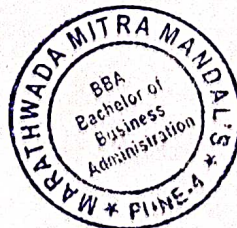
- The event was judged by Asst. Prof. Vishnu Kabra from Commerce department.
- Dr. Joe Lopez, Dr. Ashwini Kulkarni, Dr. Shrishti Gangalay , Prof. Kalpana Vaidya, Prof. Gauri Jadhav, Prof. Gurmeet Kaur Rajpal, Prof Uday Kiran graced the occasion with their presence.


Mrs. Snehal Borkar
Event -Incharge


Dr. Ashwini Kulkarni
BBA Co-ordinator


Dr. Shrishti Gangalay
BBA-IB Co-ordinators


Dr. Joe Lopez
HOD



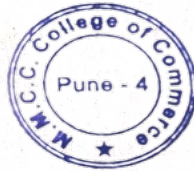
Winners of the Mathematical Model Competition

FYBBA-IB

- 1) Suraj Gund
Sushant Sonawane
Omkar Bihani
Geometric Shapes
- 2) Ashwini Shinde
Maheshwari Appani
Shiva Bondla
Addition Machine
- 3) Madhura Palange
Shweta Shelar
Aditi Shirke
Maths in Engineering

FYBBA

- 1) Vivek Pacharne
Shoan Hegde
Yogiraj Pokale
Clino Meter
- 2) Vaibhav Gadekar
Raj Waghela
Anand Borundiya
Bar Graph
- 3) Ritish Jani
Om Kale
Omkar Jare
How to find day and date



Assignment - 2

PAGE NO.	DATE

Internal Exam paper

Q.1 Fill in the blanks.

15/12/2020

1) Karl Pearson's coefficient of correlation lies between -1 to 1

2) Two regression lines intersect at (\bar{x}, \bar{y})

Q.2 Attempt the following

1) Define : Regression Analysis

Technique of prediction on the basis of correlation is called as regression analysis. or Theory of estimating one unknown variable with the help of other known variable using relation between them is called as regression analysis.

2) If $b_{yx} = -1.5$ and $b_{xy} = -0.2$ find coefficient of correlation.

Given - $b_{yx} = -1.5$, $b_{xy} = -0.2$
To find $\rightarrow r$

$$r = \sqrt{b_{yx} * b_{xy}}$$

$$r = \sqrt{(-1.5) * (-0.2)}$$

$$r = \sqrt{0.3}$$

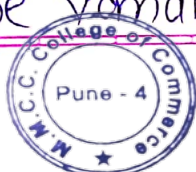
$$r = +0.5477 \quad \therefore b_{xy} < 0, b_{yx} < 0$$

$$r < 0$$

The variables are negatively correlated

$$x \propto 1/y$$

$$r = -0.5477$$



3) State two properties of coefficient of correlation.

i) $\text{corr}(x, x) = 1$

$$= \frac{\text{cov}(x, x)}{\sigma_x \sigma_x}$$

$$= \frac{\sigma_x^2}{\sigma_x^2}$$

$$= 1$$

ii) correlation coefficient ' r ' always lies between -1 and 1 .
 $-1 \leq r \leq 1$

4) If $n = 10$, $\sum x^2 = 385$, $\sum y^2 = 192$, $\bar{x} = 5.5$, $\bar{y} = 4$, $\sum xy = 185$. Find coefficient of correlation.

Given - $n = 10$, $\sum x^2 = 385$, $\sum y^2 = 192$

$\bar{x} = 5.5$, $\bar{y} = 4$, $\sum xy = 185$

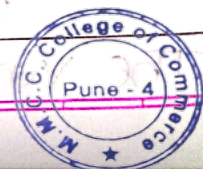
Find $\rightarrow r$.

$$r = \frac{\sum xy - n\bar{x}\bar{y}}{\sqrt{\sum x^2 - n\bar{x}^2} \sqrt{\sum y^2 - n\bar{y}^2}} \quad \text{--- (1)}$$

$$r = \frac{185 - 10 \times 5.5 \times 4}{\sqrt{385 - 10 \times (5.5)^2} \sqrt{192 - 10 \times (4)^2}}$$

$$r = \frac{-35}{\sqrt{385 - 302.5} \sqrt{192 - 160}}$$

$$\sqrt{385 - 302.5} \sqrt{192 - 160}$$



$$r = \frac{-35}{\sqrt{82.5} \sqrt{32}}$$

$$r = \frac{-35}{9.0829 \times 5.65686} = r$$

$$r = \frac{-35}{51.3801}$$

$$r = -0.6817 \therefore r < 0$$

x and y are inversely proportional to each other.

- 5) Two regression lines are $3x - y - 5 = 0$ and $4x - 3y = 0$. Find arithmetic mean of x and y .

Find A.M. of x and y

ie find \bar{x}, \bar{y}

Reg. lines are

$$4(3x - y = 5)$$

$$3(4x - 3y = 0)$$

$$12x - 4y = 20$$

$$12x - 9y = 0$$

$$5y = 20$$

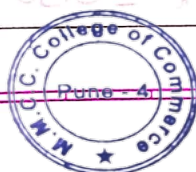
$$\boxed{y = 4}$$

put $y = 4$ in $3x - y = 5$

$$3x - 4 = 5$$

$$3x = 9$$

$$\boxed{x = 3}$$



point of intersection of two lines is (3, 4)
 point of intersection of two reg. lines is
 $(\bar{x}, \bar{y}) = (3, 4)$

$$\bar{x} = 3, \bar{y} = 4$$

Q.3 Attempt the following

① Find regression equation of y on x using following data

x	7	6	10	14	13
y	22	18	20	16	24

Find regression line
 i.e. find reg. line of y on x
 \Rightarrow Find $y = b_1x + c$ ①
 \Rightarrow Find b_1, c

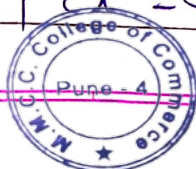
$$b_1 = \frac{\sum xy - n\bar{x}\bar{y}}{\sum x^2 - n\bar{x}^2} \quad \text{②}$$

$$\bar{x} = \frac{\sum x}{n} \quad \text{③}$$

$$\bar{y} = \frac{\sum y}{n} \quad \text{④}$$

Table

x	y	x^2	y^2	xy
$\sum x = 50$	$\sum y = 110$	$\sum x^2 = 550$	$\sum y^2 = 2460$	$\sum xy = 1138$



From (iv)

$$\bar{y} = \frac{110}{5} = 22$$

From (ii)

$$\bar{x} = \frac{50}{5} = 10$$

From (i)

$$byx = \frac{1188 - (5 \times 10 \times 22)}{550 - (5 \times 100)}$$

$$byx = \frac{38}{50}$$

$$byx = 0.76$$

$$c = \bar{y} - byx \cdot \bar{x}$$

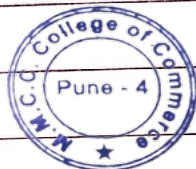
$$c = 22 - (0.76 \times 10)$$

$$c = 14.4$$

From (i)

Reg eqn of y on x

$$y = 0.76x + 14.4$$



Classroom > MA(JMC) 2019 Batch PG

- Home
- Calendar
- Teaching
 - To review
 - MA-JMC 2022-23 MA-I / MA-II
 - MA-JMC 2021-22 MA-I / MA-II
 - MA(JMC) 2019 Batch PG**
- Archived classes
- Settings

Stream Classwork People Grades

Cyber security -3 4 Posted Feb 27, 2021

Understanding society (shenai sir)

Understanding Society assignment - ... 4 Due Nov 26, 2020

Posted Nov 26, 2020

8	16
Turned in	Assigned

Untitled document
Google Docs

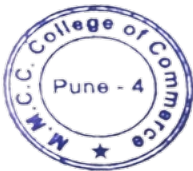
4 class comments

View instructions [Review work](#)

Advertising

Advertising & propaganda 8 Due Oct 9, 2020, 2:00 PM

Advertising & Propaganda Posted Oct 9, 2020



MARATHWADA MITRA MANDAL'S
COLLEGE OF COMMERCE
Affiliated to Savitribai Phule Pune University
202 A, Deccan Gymkhana, Pune – 411004

Google Classroom Screenshots for Case Studies

The screenshot displays a Google Classroom interface. At the top, the browser address bar shows the URL: classroom.google.com/g/tg/NDi3NDM0NjY5NTFaMjQwNjESMzk0MzU1hu=MTM4MjI3MDY3NjZ&st=f. The assignment title is "Public relation: Case study & press release assignment". The student's name is "VARADA KHOPKAR" and the status is "Turned in".

The main content area shows a PDF document titled "Varada Khopkar (PR).pdf". The document text is as follows:

Varada Khopkar
Part 2 M.A. (JMC)
Subject Public Relation
Swapnaja Mam
Date: 9th December 2020
Topic: Godrej Case study & Samsung Press Release

Q1 Godrej wants you to come up with a PR strategy to launch and garner huge publicity for its Protekt Mr Magic while meeting the objectives set by the company. **(Case study)**

A1 Godrej Consumer Products is one of the leading companies in Asia, Africa and Latin America. This company enjoys 1.15 billion consumers globally. They are building their market across 3 different categories which include: Home care, Hair Care and Personal Wash. In household insecticides it is the leader in India and the second largest player in Indonesia.

Recently, Godrej has come up with its new product '**Protekt Mr Magic**' the first ever power to liquid handwash priced at just INR 15 (USD.0.25).

Moving to the product's PR strategy:

1) Target Audience: General Public, prospective consumers, local community influencers, retailers.

2) Objective of the product/ Message to be given to audience: Keeping in mind that company has clearly stated that the product is very affordable and is 100 times better than a traditional handwash this information should be accurately given to the end users who are willing to pay for it.

Page 1 / 3

The right sidebar contains the following information:

- Files:** Turned in on Dec 9, 2020, 1:56 PM. See history.
- Grade:** /25
- Private comments:** Add private comment... Post
- Show desktop** button at the bottom.