

# (Affiliated to Osmania University) Near to Mother Dairy, Hayathnagar (M), Rangareddy (Dist).

# DEPARTMENT OF SCIENCE-CHEMISTRY SCIENCE (BSC-BZC)

#### **CERTIFICATE**

This is to certify that the project report titled "A CASE ON ANALYSIS OF SOFT DRINKS" being submitted by

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GANTA PRATHYUSHA	203720445022
GUNDLA USHA	203720445025
ARUPULA MANEESHA	203720445006

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Head of the Department

D. Venkateshwar Rao Assistant Professor OF CHEMISTRY Head of the Institution

Dr. K. Jyotsna Prabha

**Principal** 

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External Examiner

We express our propound thanks to the management of Government Degree College,

Hayathnagar for providing the facilities in carrying this project.

We are extremely grateful to Dr.D.venkateshwar Rao, Dr.P.Upendra, Assistant professor in Chemistry Science and Applications Department, Project Guide, for her unflinching cooperation throughout the project.

We are extremely grateful to **Dr.D.venkateshwar Rao**, HOD, Chemical Science and Applications Department, external guidance to complete the project for his kind assistance with timely suggestions and indispensable help, whose cooperation has made this project feasible.

We thank our beloved Principal, **DR.K.JYOTSNA PRABHA**, for giving us permission to do the project outside the campus.

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### **DEPARTMENT OF SCIENCE-CHEMISTRY (BSC-BZC)**

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his is to certify that the project report titled "A CASE ON ANALYSIS OF WATER QUALITY" is eing submitted by,

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<b>B.PAVANKUMAR</b>	203720445014

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We are extremely grateful to **D.Venkateshwar Rao**, **P.Upendera Assistant Professor** in **Chemistry** and Applications Department, Project Guide, for her unflinching cooperation throughout the project.

We are extremely grateful to **D.Venkateshwar Rao**, HOD, **Chemistry** and Applications Department, external guidance to complete the project for his kind assistance withtimely suggestions and indispensable help, whose cooperation has made this project feasible.

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#### Abstract:

Water is perhaps the most precious natural resource after air. Though the surface of the earth is mostly consists of water, only a small part of it is usable, which makes this resource very limited. This precious and limited resource, therefore, must be used with prudence. As water is required for different purposes, the suitability of it must be checked before use. Also, sources of water must be monitored regularly to determine whether they are in sound health or not. Poor condition of water bodies are not only the indictor of environmental degradation, it is also a threat to the ecosystem. In industries, improper quality of water may cause hazards and severe economic loss. Thus, the quality of water is very important in both environmental and economic aspects. Thus, water quality analysis is essential for using it in any purpose. After years of research, water quality analysis is now consists of some standard protocols. There are guidelines for sampling, preservation and analysis of the samples. Here the standard chain of action is discussed briefly so that it may be useful to the analysts and researchers.



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#### DEPARTMENT OF SCIENCE-CHEMISTRY (BSC-BZC)

#### **CERTIFICATE**

This is to certify that the project report titled "A CASE STUDY ON ARTIFICIAL PHOTOSYNTHESIS" is being submitted by,

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Head of the Department

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Principal

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We are extremely grateful to **D.Venkateshwar Rao.Assistant Professor** in **Chemistry** and Applications Department, Project Guide, for her unflinching cooperation throughout the project.

We are extremely grateful to **D.Venkateshwar Rao**, HOD, **Chemistry** and Applications Department, external guidance to complete the project for his kind assistance with timely suggestions and indispensable help, whose cooperation has made this project feasible.

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#### Abstract:

Artificial photosynthesis is envisioned as a promising strategy to convert sunlight, a practically unlimited and sustainable source of energy, into chemical fuels. In this scheme, the oxidation of water molecules is necessary to provide the electrons than will be employed in the synthesis of chemical fuels. Water oxidation is a particularly challenging reaction because it is a thermodynamically uphill multielectronic process with large activation barriers, but it is key for the realization of artificial photosynthesis because water is the only earth abundant molecule that can provide electrons in a massive and sustainable manner. Therefore, catalysts are needed for eluding the large intrinsic kinetic barriers of the reaction. In nature, water oxidation is catalyzed by a Mn tetrameric species, which enables O-O formation under the inherent mild physiological conditions trough a putative high valent manganese oxo species. Taking natural water oxidation as model, molecular catalysts operating under homogeneous conditions have been explored with the objective of providing basic understanding at molecular scale of the factors that govern this reaction, which eventually will receive utility in the design of efficient water oxidation devices. Traditionally, water oxidation has been studied with ruthenium and manganese based systems, but more recently attention has been shifted toward catalysts based on iridium and first row transition metals: the former due to their extraordinary performance and the latter because of their favorable cost, availability and environmental impact when compared with second and third row transition metals. The topic has been very actively explored and important lessons have been gained. Catalysts based on first row transition metals poise specific problems in terms of stability because generally their metal-ligand bonds are labile and because reaching their high oxidation states require high oxidation potentials. Consequently, high valent states of these metals are exceedingly reactive, readily prone to engage in oxidative decomposition paths. Catalyst design is crucial for circumventing these problems and has enabled the discovery of extraordinarily reactive yet reasonably stable catalysts, comparable to the best examples based on second and third row transition metals. The following chapter reviews key contributions to the field. The manuscript does not intend to be comprehensive, but instead, selected and in our opinion representative examples are discussed.



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#### DEPARTMENT OF SCIENCE-CHEMISTRY (BSC-BZC)

#### **CERTIFICATE**

THIS IS TO CERTIFY THAT THE PROJECT REPORT TITLED "A CASE STUDY ON AVAILABLE REVIE

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#### ABSTRACT

The construction industry is one of the largest CO<sub>2</sub> emitters worldwide. This review outlines all existing CO2 capture technologies in the construction-related industry which are mainly found in the cement, steel, iron and construction material production industry. This review found that carbon capture and utilization (CCU) is the preferred alternative for carbon capture in the construction-related industry due to its ability to produce value-added products. Among the CCU pathways, alternatives that capture CO2 via carbon mineralization have received the most attention due to their capabilities to valorize industrial waste to produce carbonate products. Unlike the production of liquid CO2, hydrogen, purified CO2 and biofuels from the majority of the carbon capture system (excluding hydroxide absorption and accelerated carbonation system), carbonate products can be directly utilized for construction application, reducing costs associated with product transportation. Although CCU technologies have potential sustainable carbon-capturing processes, outlined barriers such as high operating cost, low CO2 capture capabilities and low maturity hinder their commercialization. To overcome these limitations, continuous development is crucial. Recommendations for the development of CCU technologies such as the creation of standards for carbonate products, incorporation of promoters or hybrid mixing, integration of IR 4.0' principles and process intensification into existing CCU technologies are deliberately discussed.



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### DEPARTMENT OF SCIENCE-CHEMICAL SCIENCE (BSC-BZC)

#### **CERTIFICATE**

THIS IS TO CERTIFY THAT THE PROJECT REPORT TITLED "A CASE STUDY ON ORGANIC FARMING AND CHEMICAL FARMING" IS BEING SUBMITTED BY

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We are extremely grateful to Dr. D. venkateshwar Rao/Dr. P. Upendra,

Assistant Professor in Chemical Science and Applications Department, Project Guide,
for her unflinching cooperation throughout the project.

We are extremely grateful to **Dr.D.venkateshwar Rao/ Dr.P.Upendra**, HOD, Chemical Science and Applications Department, external guidance to complete the project for his kind assistance with timely suggestions and indispensable help, whose cooperation has made this project feasible.

We thank our beloved Principal, **DR.K.JYOTSNA PRABHA**, for giving us permission to do the project outside the campus.

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We hereby declare that the project report entitled "a Case Study on Organic Farming and Chemical Farming" carried under the guidance of Dr. D.venkateshwar Rao/Dr.P.Upendra, Assistant Professor is submitted in partial fulfillment of the requirement for the award of the degree in Chemical Science. This is a record of bonfide work carried out by me and the results embodied in this project reproduced/copied from any source. The results embodied in this project report have not been submitted to any other university or institute for the award of any other degree or diploma.

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#### ABSTRACT:

Organic farming offers an alternative to more widespread, high input farming practices that use synthetic fertilizers, fungicides and pesticides. It is based on the idea that the soil is a living system so these synthetic products are largely excluded from organic farms. Organic agriculture relies on crop rotation, animal manures, crop residues, green manures and the biological control of pests and diseases to maintain soil health and productivity. Organic crops are often of higher value than conventional ones and the volume of organic crops shows a continually increasing production trend. The sale of crops labeled as organic or biological is highly regulated in most advanced markets. The environmental impact of organic farming is low and can be seen as a way of cleaning up and improving degraded agricultural land.

### BIODYNAMIC FARMING, BIOLOGICAL FARMING, AND INTEGRATED SYSTEMS

Several other schools of thought and specific groups have contributed to current philosophy and practices in organic farming. Biodynamic farming grew from the lectures and philosophy of Rudolph Steiner in Germany, founder of the movement called 'anthroposophy.' His teachings embrace a holistic and spiritual interpretation of agricultural systems, and especially the central and special role of humans in those systems. In this movement, the farm is viewed as a self-contained and dynamic organism that can be managed using internal resources and special chemical preparations (called 'preparats') that are essential to the health and vitality of composts, the farm, and its surroundings. The practices reflect a belief in cosmic as well as terrestrial forces on the biological rhythms on the farm. Although most organic farmers do not accept the tenets of Steiner, they do embrace the holistic view of the farm, the rejection of chemical fertilizers and pesticides, and the sound management echniques that were fundamental to the original lectures.



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### **DEPARTMENT OF SCIENCE-CHEMISTRY (BSC-BZC)**

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This is to certify that the project report titled "A CASE STUDY ON PADDY CROPS" is being submitted by,

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We are extremely grateful to **D.Venkateshwar Rao**, HOD, **Chemistry** and Applications Department, external guidance to complete the project for his kind assistance with timely suggestions and indispensable help, whose cooperation has made this project feasible.

We thank our beloved Principal, **DR.K.JYOTSNA PRABHA**, for giving us permission to do the project outside the campus.

Last but not the least we thank all the teaching and non-teaching staff members of Chemical science and Applications Department who directly or indirectly helped us in successful completion of the project.

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We hereby declare that the project report entitled "A CASE STUDY ON PADDY CROPS" carried under the guidance of P.Upendra, Assistant Professor is submitted in partial fulfilment of the requirement for the award of the degree in Chemistry Science. This is a record of bonfide work carried out by me and the results embodied in this project reproduced/copied from any source. The results embodied in this project report have not been submitted to any other university or institute for the award of any other degree or diploma.

PULIGILLA PRAVEEN KUMAR 203719445053 DEVARAKONDA PRAVEEN 203719445022

#### ABSTRACT:

Paddy is the most important and extensively grown food crop in the World. It is the staple food of more than 60 percent of the world population. Rice is mainly produced and consumed in the Asian region. India has the largest area under paddy in the world and ranks second in the production after China. Country has also emerged as a major rice consumer. Threshing and dust removal is an integral part of postharvest activities for cereal and legume crops. In many developing countries, threshing and dust separation is carried out manually by farmers that lead to low quality of paddy rice and grain loss. When the rice production increases, consequently the manual threshing and dust separation becomes arduous. In order to mechanize this process, a machine named as "Panicle separator", was designed with threshing, major dust removal and fine dust removal chambers and tested. The machine was modified after testing to enhance threshing and dust removal quality. Also, in place of welding the whole machine is joined by bolts, nuts and rivets for easy assembling and disassembling. Output capacity from the performance test on the machine was 150 kg/hr. The overall results are impressive and it will help improve drudgery and threshing and dust removal challenges with small scale farmers.



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**Assistant Professor** 

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#### ABSTRACT:

Wastewater treatment is a process used to remove contaminants from wastewater or sewage and convert it into an effluent that can be returned to the water cycle with acceptable impact on the environment, or reused for various purposes (called water reclamation). The treatment process takes place in a wastewater treatment plant (WWTP), also referred to as a Water Resource Recovery Facility (WRRF) or a Sewage Treatment Plant (STP) in the case of domestic wastewater. Pollutants in wastewater are removed, converted or broken down during the treatment process.

A sewage treatment plant is quite necessary to receive the domestic and commercial waste and removes the materials which pose harm for general public. Its objective is to produce an environmentally-safe fluid waste stream (or treated effluent) and a solid waste (or treated sludge) suitable for disposal or reuse (usually as farm fertilizer). The growing environmental pollution needs for decontaminating waste water result in the study of characterization of waste water, especially domestic sewage. In the past, domestic waste water treatment was mainly confined to organic carbon removal. Recently, increasing pollution in the waste water leads to developing and implementing new treatment techniques to control nitrogen and other priority pollutants. Sewage Treatment Plant is a facility designed to receive the waste from domestic, commercial and industrial sources and to remove materials that damage water quality and compromise public health and safety when discharged into water receiving systems. It includes physical, chemical, and biological processes to remove various contaminants depending on its constituents. Using advanced technology it is now possible to re-use sewage effluent for drinking water. Sewage / waste water treatment consist of different processes which protect the environment & human through cleansing the water pollutant. In history people used difference method of treatment for purification of water which get advance by advancement in technological world.



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## DEPARTMENT OF SCIENCE-CHEMISTRY (BSC-BZC)

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This is to certify that the project report titled "A Study on Analytical methods for the Determination of Paracetamol" is being submitted by,

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We hereby declare that the project report entitled "A Study on Analytical methods for the Determination of Paracetamol" carried under the guidance of P.Upendra, Assistant Professor is submitted in partial fulfilment of the requirement for the award of the degree in Chemistry Science. This is a record of bonfide work carried out by me and the results embodied in this project reproduced/copied from any source. The results embodied in this project report have not been submitted to any other university or institute for the award of any other degree or diploma.

PEDDAKURVA SRIKANTH	203720445048
PARSANABOINA HARIKIRAN	203720445047
VADDAGONI MAHESH	203720445059
MIRYALA SHIVA	203720445040
MEDI UDAY KUMAR	203720445039

#### Adaptical

#### Analytical methods for the determination of paracelanal.

Committee tablets composed of puracetanical pseudocyticadous and bromptionissanius are widely assist for relieving symptoms related to common cold. This study has co-excent the shallenging forces form ratio (250:15:1) and proposed chromatographic methods for analyzing the terrary continuation were utilized displaying different apparatus, solvents and sensitivity ranges. Three circumstagraphic methods namely thin layer chromatography (ff//), high performance liquid shromatography with ultra-violet detection (HPLC TIV) and ultra-performance figuid chromatography coupled to tandem mass spectrometry (UPLC-M5/M5) were developed and validated for the simultaneous determination of the three drugs. Concerning the TLC method, aluminum TLC plates pre-coated with silien gel 601/254 were used and methanol; water:ammonia (9:1:0.1, v/v/v) was applied as a mobile phase; scanning of the plates was carried out at 254 nm. For the HPLC-UV method C18 column was used with an isocratic elution mobile phase composed of water:acetonitrile (75:25. w/v. pH 3.2) and the detection was at 210 nm. For the UPLC-MS/MS method; separation was performed on a UPLC-BEH CTR column with methanol; 0.1% ammonium formate (60:40, v/v) as the mobile phase utilizing diphenhydramine as an internal standard and mass spectrometry was used for detection. The methods were simple, sensitive, accurate and precise. Statistical analysis revealed no significant difference from the reported methods in regard to accuracy and precision.

#### A PROJECT REPORT

ON

A STUDY ON MUTUAL FUNDS

AT

KOTAK SECURITIES LIMITED

SUBMITTED

TO

DEPARMENT OF COMMERCE

**B.COM (Computer Application)** 

GOVERNNMENT DEGREE COLLEGE HAYATHNAGAR

(Affiliated to Osmania University, Hyderabad)

2020-2023



# INTHEPARTIALFULFILLMENT FOR THE AWARD OF "BACHELOR OF COMMERCE" SUBMITTED BY THE GROUP OF

S.NO	NAME	ROLL NO
	NADIMPALLY ARUN KUMAR	111
	1 REDDY	2037-20-405-111
	2 NALLAVELLY RISHIKUMAR	2037-20-405-113
	3 MUNUKUNTA VINAY	2037-20-405-110
	4 NARANDAS SAI KUMAR	2037-20-405-114

PROJECT SUPERVISOR

Dr. S. SUBRAMANYAM

We are indebted to our guide **Dr. S. SUBRAMANYAM**, Government Degree College Hayathnagar, affiliated to Osmania University, Hyderabad, for his guidance, encouragement and constructive suggestions right from the conception of idea to the completion of project. Our sincere thanks to him for guiding us through the project, without whose help it would not have been completed on time.

We place on record my sincere thanks to our principal **Dr. K. JYOTSNA PRABHA** and Faculty members of the Department of Commerce for giving us an opportunity to work on this project.

We wholeheartedly thank all the respondents for their enthusiastic participation in filling up the questionnaires and giving us necessary inputs, without which our project would have been incomplete.

N. AGON I. NADIMPALLY ARUN KUMAR REDDY

N. R. M. L. 2. NALLAVELLY RISHIKUMAR

3. MUNUKUNTA VINAY

M. Viray

4. NARANDAS SAI KUMAR

N. Saikomoz

We undersigned, hereby declare that the project report entitled "A STUDY ON MUTUAL FUNDS AT KOTAK SECURITIES LIMITED" is Our original work written and submitted by me in partial fulfilment of Bachelor Of Commerce of GOVERNNMENT DEGREE COLLEGE, HAYATHNAGAR, HYDERABAD, TELANGANA. We also declare are that this project has not been submitted earlier in any other university or institution.

Place:

Date:

- 1. NADIMPALLY ARUN KUMAR REDDY N. ATC.
- 2. NALLAVELLY RISHIKUMAR N. R. L.
- 3. MUNUKUNTA VINAY

4. NARANDAS SAI KUMAR

M. Sai koms

# GOVERNMENT DEGREE COLLEGE, HAYATHNAGAR RANGAREDDY DISTRICT

Dr. S. Subrahmanyam

M.Com., B.Ed., M.Phil., Ph.D., NET Assistant Professor of Commerce

E-mail: subrahmanyams92@gmail.com

Contact No: 91 9440453589



### **CERTIFICATE**

This is to certify that NADIMPALLY ARUN KUMAR REDDY,2037-20-405-111,NALLAVELLY RISHIKUMAR,2037-20-405-113,MUNUKUNTA VINAY,2037-20-405-110,NARANDAS SAI KUMAR,2037-20-405-114,, bonafide students of this college, have worked on the projectwork titled "A STUDY ON MUTUAL FUNDS AT KOTAK SECURITIES LIMITED " under my supervision and submitted in fulfillment of the requirement for the award of the Degree of Bachelor of Commerce. During the year 2022-23.

J. 2 ....

Place: Hayathnagar

Supervisor

Date:

18

Signature of the

**EXTERNAL EXAMINER** 

# A PROJECT REPORT

ON

# BRAND PREFERENCE OF MOBILE PHONES AMONG COLLEGE STUDENTS IN HYDERABAD DISTRICT

# **SUBMITTED TO**

# DEPARTMENT OF COMMERCE

# GOVERNMENT DEGREE COLLEGE HAYATHNAGAR (AFFILIATED TO OSMANIA UNIVERSITY, HAYATHNAGAR)

2020-2023



# IN THE PARTIAL FULFILLMENT FOR THE AWARD OF "BACHELOR OF COMMERCE"

### SUBMITTED BY THE GROUP OF

NAME'S	ROLL NO.
V. Shiva Krishna Reddy	203720405189
V. Manasa	203720405190
Y. Saiprasanna	203720405192
Y. Pooja	203720405193
Ch. Mounica	281220405009

PROJECT SUPERVISOR DR.K.SATHYANARAYANA

# GOVERNMENT DEGREE COLLEGE, HAYATHNAGAR RANGAREDDY DISTRICT

Shri. K. Sathyanarayana

M.Com., MBA(Fin)., IRPM., (Ph.D) Senior Lecturer in Commerce

E-mail: sathyakavali@gmail.com Contact No: 91 9849246537



#### **CERTIFICATE**

This is to certify that V. Shiva Krishna Reddy(203720405189), V. Manasa(203720405190), Y. Saiprasanna(203720405192), Y. Pooja(203720405193), Ch. Mounica(281220405009) bonafide students of this college, have worked on the projectwork titled "Brand Preference Of Mobile Phones Among College Students In Hayathnagar, Ranga Reddy District" under the supervision of DR.K.SATHYANARAYANA, project supervisor Department of Commerce, during the year 22-2023.

Signature of the Supervisor

Signature of the External Examiner

We are indebted to our guide DR.K.SATHYANARAYANA, Government Degree College Hayathnagar, affiliated to Osmania University, Hyderabad, for his guidance, encouragement and constructive suggestions right from the conception of idea to the completion of project. Our sincere thanks to him for guiding us through the project, without whose help it would not have been completed on time.

We place on record my sincere thanks to our principal Dr.K. JYOTSNA PRABHA and Faculty members of the Department of Commerce for giving us an opportunity to work on this project.

We wholeheartedly thank all the respondents for their enthusiastic participation in filling up the questionnaires and giving us necessary inputs, without which our project would have been incomplete.

1. V. Shiva Krishna Reddy

2. V. Manasa

3. Y. Saiprasanna

4. Y. Pooja 5. ch. Mounica.

We hereby declare that this project report titled "Brand Preference Of Mobile Phones Among College Students In Hayathnagar, Ranga Reddy District" submitted by us to the Department of Bachelor of Commerce, Government Degree College Hayathnagar, affiliated to Osmania University, Hyderabad, in a partial fulfillment of requirements for the degree of Bachelor of Commerce for the academic year 2020-2023.

Place: Hayathnagar

Signature of student

1. v. Shiva Krishna Reddy

2. V. Manasa

3. Y. Saiprasanna

4. Y. Pooja 5. Jr. Mourica.

#### GOVERNMENT DEGREE COLLEGE



(Affiliated to Osmania University)

Near to Mother Dairy, Hayathnagar (M),

Rangareddy (Dist).

#### **DEPARTMENT OF SCIENCE-CHEMISTRY (BSC-BZC)**

#### **CERTIFICATE**

This is to certify that the project report titled "A CASE STUDY ON FOOD ADULTRATION" is being submitted by,

PALUVAI NIKSHITHA REDDY 203720445045
MANKALA AKHILA 203720445038
MANGALI JYOTHI 203720445036
KADARI MOUNIKA 203720445027

KOTAPU SANTHOSH 203720445033

in Degree (BSC- CHEMISTRY) is a record bonafide work carried out by them. The results embodied in this report have not been submitted to any other University for the award of any degree.

Head of the Department

D.Venkateshwar Rao

Assistant professor

Head of the Institution

Dr. K. Jyotsna Prabha

Principal PRINCIPAL

Govt. Degree College Hayathnagar, R.R. Dist.

External Examiner

We express our propound thanks to the management of Government Degree College,

Layathnagar for providing the facilities in carrying this project.

We are extremely grateful to P.Upendera. Assistant Professor in Chemistry and applications Department, Project Guide, for her unflinching cooperation throughout the project.

We are extremely grateful to **D.Venkateshwar Rao**, HOD, **Chemistry** and Applications Department, external guidance to complete the project for his kind assistance withtimely suggestions and indispensable help, whose cooperation has made this project feasible.

We thank our beloved Principal, **DR.K.JYOTSNA PRABHA**, for giving us permission to do he project outside the campus.

Last but not the least we thank all the teaching and non-teaching staff members of Chemical cience and Applications Department who directly or indirectly helped us in successful completion of the project.

PALUVAI NIKSHITHA REDDY	203720445045
MANKALA AKHILA	203720445038
MANGALI JYOTHI	203720445036
KADARI MOUNIKA	203720445027
KOTAPU SANTHOSH	203720445033

We hereby declare that the project report entitled "A CASE STUDY ON FOOD ADULTRATION" carried under the guidance of P.Upendera, Assistant Professor is submitted in partial fulfilment of the requirement for the award of the degree in Chemistry Science. This is a record of bonfide work carried out by me and the results embodied in this project reproduced/copied from any source. The results embodied in this project report have not been submitted to any other university or institute for the award of any other degree or diploma.

PALUVAI NIKSHITHA REDDY	203720445045
MANKALA AKHILA	203720445038
MANGALI JYOTHI	203720445036
KADARI MOUNIKA	203720445027
KOTAPU SANTHOSH	203720445033

#### Abstract

When some of the food product fails to meet the legal standards, then it can be said to be adulteration. It is is an addition of another substance to a food item in order to increase the quantity of the food item in raw form or prepared form, which may result in the loss of actual quality of food item.

Our body requires food in the form of carbohydrates, proteins, fats, enzymes, vitamins and minerals for a healthy growth. However, our body cannot produce all these nutrients. Hence, food is the only source to obtain these nutrients in an adequate quantity. Some of the traders and Food Business Operators are so greedy that at the cost of public health they use the inferior quality material so as to gain more profit. When some of the food product fails to meet the legal standards, then it can be said to be adulteration.

It is an addition of another substance to a food item in order to increase the quantity of the food item in raw form or prepared form, which may result in the loss of actual quality of food item. These substances may be either available food items or non-food items. Among meat and meat products some of the items used to adulterate are water or ice or carcasses of animals other than the animal meant to be consumed.

In India, an Old enactment of Prevetion of Food Aulteration 1954, have been replaced by Food Safety and Standards Act 2006, started implementation in August 2011. Adulteration can be through, Poisonous or deleterious substances, Filth and foreign matter of adulteration, Economic-adulteration, Microbiological contamination and adulteration of food.

# A PROJECT REPORT ON

# "CONSUMER SATISFACTION -A STUDY IN DMART"

#### **SUBMITTED TO**

### **DEPARTMENT OF COMMERCE**

# GOVERNMENT DEGREE COLLEGE HAYATHNAGAR (AFFILIATED TO OSMANIA UNIVERSITY, HYDERABAD)

2020-2023



#### IN THE PARTIAL FULFILLMENT FOR THE AWARD OF

#### "BACHELOR OF COMMERCE"

#### SUBMITTED BY THE GROUP OF

NAME	ROLL NO.
KONDAREDDY ANIL	203720405079
KORRA SUNIL NAIK	203720405080
KORVI ANAND KUMAR	203720405081
LAVUDYA MAMATHA	203720405085

PROJECT SUPERVISOR DR. S. SUBRAHMANYAM MAY 2023

# GOVERNMENT DEGREE COLLEGE, HAYATHNAGAR RANGAREDDY DISTRICT

Dr. S. Subrahmanyam

M.Com., B.Ed., M.Phil., Ph.D., NET Assistant Professor of Commerce

E-mail: subrahmanyams92@gmail.com

Contact No: 91 9440453589



#### **CERTIFICATE**

This is to certify that KONDAREDDY ANIL (203720405079), KORRA SUNIL NAIK (203720405080), KORVI ANAND KUMAR (203720405081), LAVUDYA MAMATHA (203720405085), bonafide students of this college, have worked on the project work titled "Consumer Satisfaction-A Study In Dmart" under my supervision and submitted in fulfillment of the requirement for the award of the Degree of Bachelor of Commerce. During the year 2022-23.

Place: Hayathnagar

Date:

Signature of the Supervisor

We are indebted to our guide DR.S.SUBRAHMANYAM, Government Degree College Hayathnagar, affiliated to Osmania University, Hyderabad, for his guidance, encouragement and constructive suggestions right from the conception of idea to the completion of project. Our sincere thanks to him for guiding us through the project, without whose help it would not have been completed on time.

We place on record my sincere thanks to our principal Dr. K. JYOTSNA PRABHA and Faculty members of the Department of Commerce for giving us an opportunity to work on this project.

We wholeheartedly thank all the respondents for their enthusiastic participation in filling up the questionnaires and giving us necessary inputs, without which our project would have been incomplete.

1. K. And.

3. K. Anantumay

4. L. Manatha

We hereby declare that this project report titled ""A Study on Comparative Analysis of Mutual Fund Schemes" submitted by us to the Department of Bachelor of Commerce, Government Degree College Hayathnagar, affiliated to Osmania University, Hyderabad, in a partial fulfillment of requirements for the degree of Bachelor of Commerce for the academic year 2020-2023.

Place: Hayathnagar

Date:

Company of Company of L. K. And

2. K. eun 11 mais

3. K. Anankamaf 4. L. Manatha

# A PROJECT REPORT ON EMPLOYEE SATISFACTION AT DIGITAL MINDS SOFTWARE SOLUTIONS SUBMITTED TO

# DEPARTMENT OF COMMERCE

# GOVERNMENT DEGREE COLLEGE HAYATHNAGAR (AFFILIATED TO OSMANIA UNIVERSITY, HYDERABAD)

2020-2023



# IN THE PARTIAL FULFILLMENT FOR THE AWARD OF

# "BACHELOR OF COMMERCE"

# SUBMITTED BY THE GROUP OF

S.NO	NAME	ROLL NO
1	T. ANIL	2037-20-405-176
2	T. DIVYAVANI	2037-20-405-179
3	T. BOWNITHYA	2037-20-405-180
4	T. ANIL KUMAR	2037-20-405-181

PROJECT SUPERVISOR SHRI. K. SATHYANARAYANA MAY 2023

We are indebted to our guide SHRI. K. SATHYANARAYANA, Government Degree College Hayathnagar, affiliated to Osmania University, Hyderabad, for his guidance, encouragement and constructive suggestions right from the conception of idea to the completion of project. Our sincere hanks to him for guiding us through the project, without whose help it would not have been completed on time.

We place on record my sincere thanks to our principal Dr. K. JYOTSNA PRABHA and Faculty nembers of the Department of Commerce for giving us an opportunity to work on this project.

Te wholeheartedly thank all the respondents for their enthusiastic participation in filling up the restionnaires and giving us necessary inputs, without which our project would have been complete.

T. ANIL

T. DÎVYAVANI 2 T. DIVYAVANI

T. Downithya
3 T. BOWNITHYA

T. Anil Kumor

4 T. ANIL KUMAR

We hereby declare that this project report titled "A STUDY ON EMPLOYEE SATISFACTION AT DIGITAL MINDS SOFTWARE SOLUTIONS" submitted by us to the Department of Bachelor of Commerce, Government Degree College Hayathnagar, affiliated to Osmania University, Hyderabad, in a partial fulfillment of requirements for the degree of Bachelor of Commerce for the academic year 2019-2022.

Place: Hayathnagar

Date:

Signature of students

1 T. ANIL

T. Divya vani

2 T. DIVYAVANI

T. Bownithya

3 T. BOWNITHYA

T. Anil kumar

4 T. ANIL KUMAR

# RANGAREDDY DISTRICT

Shri. K. Sathyanarayana

M.Com., MBA(Fin)., IRPM., (Ph.D) Senior Lecturer in Commerce

E-mail: sathyakavali@gmail.com

Contact No: 91 9849246537



### **CERTIFICATE**

This is to certify that T. ANIL,2037-20-405-176, T. DIVYAVANI,2037-20-405-179, T. BOWNITHYA, 2037-20-405-180, T. ANIL KUMAR, 2037-20-405-181, bonafide students of this college, have worked on the projectwork titled "A STUDY ON EMPLOYEE SATISFACTION AT DIGITAL MINDS SOFTWARE SOLUTIONS" under my supervision and submitted in fulfillment of the requirement for the award of the Degree of Bachelor of Commerce. During the year 2022-23.

Place: Hayathnagar

Signature of the Supervisor

24.5.2023

Date:

# A PROJECT REPORT ON

### FUNDAMENTAL ANALYSIS OF KOTAK MAHINDRA BANK

#### SUBMITTED TO

### **DEPARTMENT OF COMMERCE**

# GOVERNMENT DEGREE COLLEGE HAYATHNAGAR (AFFILIATED TO OSMANIAUNIVERSITY, HYDERABAD)

2020-2023



#### IN THE PARTIAL FULFILLMENT FOR THE AWARD OF

#### "BACHELOR OF COMMERCE"

#### SUBMITTED BY THE GROUP OF

NAME	ROLL NO.
KALAKOTI PRANAY KUMAR	203720405069
KAMMARI BHANU PRAKASH	203720405072
KANDIKANTI SHIVATEJA	203720405073
KANNAM SAI RAM	203720405074

PROJECT SUPERVISOR SLT. DR. S. DHANRAJ MAY 2023

# GOVERNMENT DEGREE COLLEGE, HAYATHNAGAR RANGAREDDY DISTRICT

SLT. Dr. S. Dhanraj M.Com., MBA., M.Phil, Ph.D., UGC-JRF

M.Com., MBA., M.Phil, Ph.D., UGC-JRF Assistant Professor of Commerce E-mail: dsirigamalla@gmail.com

Contact No: 91 9959777673



#### **CERTIFICATE**

This is to certify that KALAKOTI PRANAY KUMAR (203720405069), KAMMARI BHANU PRAKASH(203720405002), KANDIKANTISHIVATEJA (203720405003), KANNAM SAI RAM (203720405004), bonafide students of this college, have worked on the project work titled "Fundamental Analysis of Kotak Mahindra Bank" under my supervision and submitted in fulfillment of the requirement for the award of the Degree of Bachelor of Commerce. During the year 2022-23.

Place: Hayathnagar

Date:

Signature of the Supervisor

would like to Mr. SLT. Dr. S. Dhanraj, Asst. Professor of Commerce of Govt. Degree College, Hayath nagar, for his valuable support and suggestion.

I would whole heartedly thank my guide Mr. Dhanraj without his support & guidance would have not completed my project work.

I wish to acknowledge with deep gratitude for the valuable guidance received from my lectures, Mr. SLT. Dr. Dhanraj, without their guidance, inspiration, and personal interest it would have not been possible for us complete this project work.

I would be falling in my duty if, I do not express my appreciation to my parents and my friends for their wholehearted support and suggestion, which helped me in the completion of project work.

KALAKOTI PRANAY KUMAR

KANNAM SAI RAM

KANDIKANTI SHIVATEJA

KAMMARI BHANU PRAKASH

We Mr. KALAKOTI PRANAY KUMAR, KAMMARI BHANU PRAKASH, KANDIKANTI SHIVATEJA, KANNAM SAI RAM, a student of GOVERNMENT DEGREE COLLEGE, HAYATH NAGAR Hyderabad, bearing the Hall ticket No: 203720405069, 203720405072, 203720405073, 203720405074 do hereby declare that the project titled "FUNDAMENTAL ANALYSIS OF KOTAK MAHINDRA BANK" is an original project done by us. This report is being submitted in partial fulfillment of the requirement for the award of the Degree of Bachelor of Commerce (COMPUTER APPLICATIONS) of Osmania University in the academic year during 2020-2023.

& Pronay Survey
KALAKOTI PRANAY KUMAR,

KAMMARI BHANU PRAKASH.

KANDIKANTI SHIVATEJA

KANNAM SAI RAM

# A PROJECT REPORT ON IMPACT OF ADVERTISEMENT AT BIG BAZAAR

# SUBMITTED TO

# DEPARTMENT OF COMMERCE

# GOVERNMENT DEGREE COLLEGE HAYATHNAGAR (AFFILIATED TO OSMANIAUNIVERSITY, HYDERABAD)

2020-2023



# IN THE PARTIAL FULFILLMENT FOR THE AWARD OF

# "BACHELOR OF COMMERCE"

### SUBMITTED BY THE GROUP OF

NAME	ROLL NO.
KASAGONI AJAY KUMAR	203720405075
KEHSAMALLA SRAVAN KUMAR	203720405076
KETHAVATH KARTHIK	203720405077
KODAVATH THARUN	203720405078

PROJECT SUPERVISOR Sub Lt. Dr. Dhanraj S MAY 2023

# GOVERNMENT DEGREE COLLEGE, HAYATHNAGAR RANGAREDDY DISTRICT

Sub Lt. Dr. Dhanraj S

M.Com., MBA., M.Phil., Ph.D., UGC-JRF Assistant Professor of Commerce E-mail: dsirigamalla@gmail.com Contact No: 91 9959777673



### **CERTIFICATE**

This is to certify that K.AJAY KUMAR (203720405075), KETHAVATH KARTHIK (203720405077), KESHAMALLA SHRAVAN KUMAR (203720405076), KODAVATH THARUN (203720405078), bonafide students of this college, have worked on the project work titled "IMPACT OF ADVERTISEMENT" under my supervision and submitted in fulfillment of the requirement for the award of the Degree of Bachelor of Commerce. During the year 2022-23.

Place: Hayathnagar

Date: 22/05/2

Signature of the Supervisor

We are indebted to our guide Sub Lt. Dr. Dhanraj S, Government Degree College Hayathnagar, affiliated to Osmania University, Hyderabad, for his guidance, encouragement and constructive suggestions right from the conception of idea to the completion of project. Our sincere thanks to him for guiding us through the project, without whose help it would not have been completed on time.

We place on record my sincere thanks to our principal Dr. K. JYOTSNA PRABHA and Faculty members of the Department of Commerce for giving us an opportunity to work on this project.

We whole heartedly thank all the respondents for their enthusiastic participation in filling up the questionnaires and giving usnecessary inputs, without which our project would have been incomplete.

1. K ATOX

2. K. Soans
3. K. Kaethik

4. K. Thavun

We hereby declare that this project report titled "IMPACT OF ADVERTISEMENT AT BIG BAZAAR" submitted by us to the Department of Bachelor of Commerce, Government Degree College Hayathnagar, affiliated to Osmania University, Hyderabad, in a partial fulfillment of requirements for the degree of Bachelor of Commerce for the academic year 2020-2023.

Place: Hayathnagar

Date:

Signature of students

1. K. AJay

2. Kisant

3. K. Karothik

4. K. Tharun

# A PROJECT REPORT ON IMPACT OF GOODS AND SALES TAX (GST) ON FAST-MOVING CONSUMER GOODS (FMCG)

#### **DEPARTMENT OF COMMERCE**

# GOVERNMENT DEGREE COLLEGE HAYATHNAGAR (AFFILIATED TO OSMANIA UNIVERSITY, HYDERABAD)

2020-2023



# IN THE PARTIAL FULFILLMENT FOR THE AWARD OF

# "BACHELOR OF COMMERCE"

# SUBMITTED BY THE GROUP OF

NAME	ROLL NO.
URADI NARASIMULU	203720405183
VADITYA TULASIRAM	203720405184
VALLAPU GIRI	203720405185
VALLAPU SHIVA	203720405186
VALVAI VISHWANTH KUMAR	203720405187

PROJECT SUPERVISOR Shri. K. Sathyanarayana MAY 2023

# GOVERNMENT DEGREE COLLEGE, HAYATHNAGAR RANGAREDDY DISTRICT

Shri. K. Sathyanarayana

M.Com., MBA(Fin)., IRPM., (Ph.D)
Senior Lecturer in Commerce
E-mail: sathyakavali@gmail.com

Contact No: 91 9849246537



#### **CERTIFICATE**

This is to certify that URADI NARSIMULU (203720405183), VADITYA TULASIRAM (203720405184), VALLAPU GIRI (203720405185), VALLPU SHIVA (203720405186), VALVAI VISHWANTH KUMAR (203720405187), bonafide students of this college, have worked on the projectwork titled "IMPACT OF GOODS AND SALES TAX (GST) ON FAST-MOVING CONSUMER GOODS (FMCG)" under my supervision and submitted in fulfillment of the requirement for the award of the Degree of Bachelor of Commerce. During the year 2022-23.

Place: Hayathnagar

Date:

Signature of the Supervisor

We are indebted to our guide Shri. K. Sathyanarayana, Government Degree College Hayathnagar, affiliated to Osmania University, Hyderabad, for his guidance, encouragement and constructive suggestions right from the conception of idea to the completion of project. Our sincere thanks to him for guiding us through the project, without whose help it would not have been completed on time.

We place on record my sincere thanks to our principal Dr. K. JYOTSNA PRABHA and Faculty members of the Department of Commerce for giving us an opportunity to work on this project.

We wholeheartedly thank all the respondents for their enthusiastic participation in filling up the questionnaires and giving us necessary inputs, without which our project would have been incomplete.

U. NOVSIMULY 1.URADI NARSIMULU

V. Tulasi Ram 2. VADITYA TULASIRAM

V. Giyi 3.VALLAPU GIRI

المركزي 4. VALLAPU SHIVA

V. vi showth fymar 5. VALVAI VISHWANTH KUMAR

We hereby declare that this project report titled "IMPACT OF GOODS AND SALES TAX (GST) ON FAST-MOVING CONSUMER GOODS (FMCG)" submitted by us to the Department of Bachelor of Commerce, Government Degree College Hayathnagar, affiliated to Osmania University, Hyderabad, in a partial fulfillment of requirements for the degree of Bachelor of Commerce for the academic year 2019-2023.

Place: Hayathnagar

Date:

Signature of students

U. Nassimuly 1. URADI NARSIMULU

V. Tu lasiRam 2. VADITYA TULASIRAM

3. VALLAPU GIRI

V. Shiza 4. VALLAPU SHIVA

V, Vi shownth lamav 5. VALVAI VISHWANTH KUMAR

### A PROJECT REPORT ON MICRO FINANCE IN INDIA AT BAJAJ FINANCE LIMITED

#### **SUBMITTED TO**

#### DEPARTMENT OF COMMERCE

# GOVERNMENT DEGREE COLLEGE HAYATHNAGAR (AFFILIATED TO OSMANIA UNIVERSITY, HYDERABAD)

2020-2023



#### IN THE PARTIAL FULFILLMENT FOR THE AWARD OF

#### "BACHELOR OF COMMERCE"

#### SUBMITTED BY THE GROUP OF

NAME	ROLL NO.
SARIKANTI SHIVA	2037-20-405-163
SAPARAT VINOD KUMAR	2037-20-405-162
SAPAVAT RAMESH NAYAK	2037-20-405-161
SANGEM PRAVEEN KUMAR	2037-20-405-160

PROJECT SUPERVISOR DR. GUNDETI SUNITHA MAY 2023

We are indebted to our guide DR. GUNDETI SUNITHA, Government Degree College Hayathnagar, affiliated to Osmania University, Hyderabad, for his guidance, encouragement and constructive suggestions right from the conception of idea to the completion of project. Our sincere thanks to him for guiding us through the project, without whose help it would not have been completed on time.

We place on record my sincere thanks to our principal **Dr. K. JYOTSNA PRABHA** and Faculty members of the Department of Commerce for giving us an opportunity to work on this project.

We wholeheartedly thank all the respondents for their enthusiastic participation in filling up the questionnaires and giving us necessary inputs, without which our project would have been incomplete.

S.Shiva 1. SARIKANTI SHIVA

1. SAIGRAIVII SHIVA

2. SAPARAT VINOD KUMAR

S. Vinud kuman

S. Panesh Nayar 3. SAPAVAT RAMESH NAYAK

5. praveen kumar

4. SANGEM PRAVEEN KUMAR

We hereby declare that this project report titled "A STUDY ON MICRO FINANCE IN INDIA AT BAJAJ FINANCE LIMITED" submitted by us to the Department of Bachelor of Commerce, Government Degree College Hayathnagar, affiliated to Osmania University, Hyderabad, in a partial fulfillment of requirements for the degree of Bachelor of Commerce for the academic year 2019-2022.

Place: Hayathnagar

Date:

Signature of students

S.Shiva 1. SARIKANTI SHIVA

S. Vinad kumaj

2. SAPARAT VINOD KUMAR

S. Larresh Nayeto 3. SAPAVAT RAMESH NAYAK

S. Praveen kumay 4. SANGEM PRAVEEN KUMAR

### GOVERNMENT DEGREE COLLEGE, HAYATHNAGAR RANGAREDDY DISTRICT

Dr. Gundeti Sunitha

M.Com., ICWAL, Ph.D., UGC-NET Assistant Professor of Commerce E-mail: sunitharavi67@gmail.com Contact No: 91 7036207374



# **CERTIFICATE**

This is to certify that SARIKANTI SHIVA ,2037-20-405-163,SAPARAT VINOD KUMAR,2037-20-405-162,SAPAVAT RAMESH NAYAK 2037-20-405161SANGEMPRAVEENKUMAR2037-20-405-160bonafide students of this college, have worked on the projectwork titled "A STUDY ON MICRO FINANCE IN INDIA AT BAJAJ FINANCE LIMITED" under my supervision and submitted in fulfillment of the requirement for the award of the Degree of Bachelor of Commerce. During the year 2022-23.

Place: Hayathnagar

G Suidla Signature of the Supervisor

Date:

# A PROJECT REPORT ON PERFORMANCE EVALUATION OF HDFC BANK

#### SUBMITTED TO

# DEPARTMENT OF COMMERCE

# GOVERNMENT DEGREE COLLEGE HAYATHNAGAR (AFFILIATED TO OSMANIA UNIVERSITY, HYDERABAD)

2020-2023



#### IN THE PARTIAL FULFILLMENT FOR THE AWARD OF

#### "BACHELOR OF COMMERCE"

#### SUBMITTED BY THE GROUP OF

NAME	ROLL NO.
BAIGADDA PRASHANTH	203720405008
BAIRAPAGA JAGADESH	203720405009
BANDARI VENKATESH	203720405011
BANOTH MURALI	203720405012

PROJECT SUPERVISOR DR. IMTIAZUDDIN FAROOQI MAY 2023

# GOVERNMENT DEGREE COLLEGE, HAYATHNAGAR RANGAREDDY DISTRICT

Dr. Imtiazuddin Faroogi

M.Com., MBA., M.A (Eng)., Ph.D., UGC-NET., APSET Assistant Professor & Head Dept. of Commerce

E-mail: imtiazfarooqi1970@gmail.com Contact No: 91 9949241662, 91 8309875342



#### **CERTIFICATE**

This is to certify that BAIGADDA PRASHANTH (203720405008), BAIRAPAGA JAGADESH **BANDARI VENKATESH** (203720405009), (203720405011), **BANOTH** (203720405012), bonafide students of this college, have worked on the projectwork titled "PERFORMANCE EVALUATION OF HDFC BANK" under my supervision and submitted in fulfillment of the requirement for the award of the Degree of Bachelor of Commerce. During the year 2022-23.

Place: Hayathnagar

Date: 24/05/2023

We are indebted to our guide DR.IMTIAZUDDIN FAROOQI, Government Degree College Hayathnagar, affiliated to Osmania University, Hyderabad, for his guidance, encouragement and constructive suggestions right from the conception of idea to the completion of project. Our sincere thanks to him for guiding us through the project, without whose help it would not have been completed on time.

We place on record my sincere thanks to our principal Dr. K. JYOTSNA PRABHA and Faculty members of the Department of Commerce for giving us an opportunity to work on this project.

We whole heartedly thank all the respondents for their enthusiastic participation in filling up the questionnaires and giving usnecessary inputs, without which our project would have been incomplete.

1. B. Prasharth
2. B. Tagadesh
3. B. Venkal

4. B. Murali

We hereby declare that this project report titled "PERFORMANCE EVALUATION OF HDFC BANK" submitted by us to the Department of Bachelor of Commerce, Government Degree College Hayathnagar, affiliated to Osmania University, Hyderabad, in a partial fulfillment of requirements for the degree of Bachelor of Commerce for the academic year 2020-2023.

Place: Hayathnagar

Date:

1.

1. B. Prashanth 2. R. Tagaelesh.

3. B. Wental

4. B. Mwali

# A PROJECT REPORT ON TYPES OF PORTFOLIO MANAGEMENT

# SUBMITTED TO

# DEPARTMENT OF COMMERCE

# GOVERNMENT DEGREE COLLEGE HAYATHNAGAR (AFFILIATED TO OSMANIA UNIVERSITY, HYDERABAD)

2020-2023



# IN THE PARTIAL FULFILLMENT FOR THE AWARD OF

# "BACHELOR OF COMMERCE"

# SUBMITTED BY THE GROUP OF

NAME	ROLL NO.
G.MAHESH	203720405046
G.ARUNA JYOTHI	203720405044
G.MANASA	203720405043
G.SAI KUMAR	203720405047

PROJECT SUPERVISOR DR. DHANARAJ S MAY 2023

We are indebted to our guide DR.DHANRAJ S, Government Degree College Hayathnagar, affiliated to Osmania University, Hyderabad, for his guidance, encouragement and constructive suggestions right from the conception of idea to the completion of project. Our sincere thanks to him for guiding us through the project, without whose help it would not have been completed on time.

We place on record my sincere thanks to our principal Dr. K. JYOTSNA PRABHA and Faculty members of the Department of Commerce for giving us an opportunity to work on this project.

We wholeheartedly thank all the respondents for their enthusiastic participation in filling up the questionnaires and giving us necessary inputs, without which our project would have been incomplete.

G. Mahesh

G. Axuna syoth;
2. G.ARUNA JYOTHI

G. Manasa 3. G.MANASA

G. Sai Kuday 4. G.SAI KUMAR

We hereby declare that this project report titled "A DETAILED STUDY ON DIFFERENT TYPES OF PORTFOLIO MANAGEMENT " submitted by us to the Department of Bachelor of Commerce, Government Degree College Hayathnagar, affiliated to Osmania University, Hyderabad, in a partial fulfillment of requirements for the degree of Bachelor of Commerce for the academic year 2020-2023

Place: Hayathnagar

Date:

Cirahesh

1.G Mahesh

G. Azuna Syothi 2.G. Aruna Jyothi

G. Manasa 3.G.Manasa

4.G. Sai Kumar

# GOVERNMENT DEGREE COLLEGE, HAYATHNAGAR RANGAREDDY DISTRICT

Dr. DHANARAJ S

M.Com. MBA. MPHIL. Ph.D. UGC-JRS.
Assistant Professor of Commerce
F-mail: dsirigamalla@gmail.com

Contact No: +91 995977773



#### **CERTIFICATE**

This is to certify that G Mahesh (203720405046), G. Aruna Jyothi (203720405044), G.Manasa (2037205043), G Sai Kumar (2037205047), bonafide students of this college, have worked on the project work titled "A DETAILED STUDY ON DIFFERENT TYPES OF PORTFOLIO MANAGEMENT" under my supervision and submitted in fulfillment of the requirement for the award of the Degree of Bachelor of Commerce. During the year 2022-23.

Place: Hayathnagar

Date:

Signature of the Supervisor