

**Shri Balasaheb Tirpude College of Hotel Management and
Catering Technology, Nagpur.**

RTM Nagpur University, Nagpur.

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2022
A

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“Automated chair mechanism in Banquet of hotels And Theatre”

A Project Report

Submitted in Partial fulfilment for the requirement of the award of
degree of Bachelor of Hotel Management and Catering Technology

Submitted by

Ashit Thul
Kartik Chawre
Piyush Borule
Umansh Jaiswal
Rohit Khapre
Abhimanyu Thakur
Shivam Kopolwar

Final year (BHMCT 8TH SEMESTER)

Under the Guidance of

Mr. Akshay Dandale
(Associate Professor)
(M.H.M, M.B.A, B.H.M.C.T)



Shri Balasaheb Tirpude College of Hotel Management
and Catering Technology, Nagpur
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.

Session 2021-22

Declaration by students

The project work entitled "Automated chair mechanism in Banquet of hotels And Theatre", submitted by us to Shri Balasaheb Tirpude College of Hotel Management and Catering Technology, Nagpur for the award of Bachelor of Hotel Management and Catering Technology is a bonafide record of research work carried out by us under the supervision of Mr. Akshay Dandale, Guide. The contents of this project work, in full or in parts, have not been submitted to any other institute or university for the award of any degree or diploma or similar distinctions.

Date:

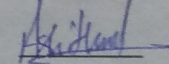
(Names and Signatures of students)

Place: Nagpur

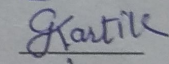
Names:-

Signature

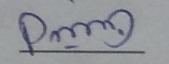
Ashit Thul



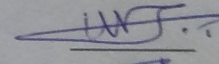
Kartik Chawre



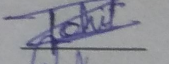
Piyush Borule



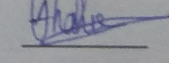
Umansh Jaiswal



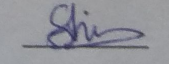
Rohit Khapre



Abhimanyu Thakur



Shivam Kopolwar

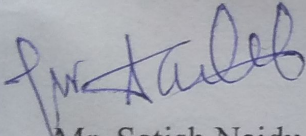


Certificate by the guide

This is to certify that the work presented in the project work entitled "Automated chair mechanism in Banquet of hotels And Theatre" submitted to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for the award of Bachelor of Hotel Management and Catering Technology, is a bonafide record of project work carried out by Ashit Thul, Kartik Chawre, Piyush Borule, Umansh Jaiswal, Rohit Khapre, Abhimanyu Thakur, Shivam Kopulwar under my guidance and supervision.

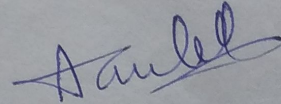
Date:

Place: Nagpur



Mr. Satish Naidu
(Officiating principal)
SBTC HMCT,
Nagpur.

OFFICIATING PRINCIPAL
Shri Balasaheb Dandale College
Hotel Management & Catering Technology
Civil Lines, Sadar, Nagpur.



Mr. Akshay Dandale
(Guide)
SBTC HMCT
Nagpur.

External Examiner

Internal Examiner

2022
A

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“Robotic Vacuum Cleaner”

A Project Report

Submitted in Partial fulfillment for the requirement of the award of Degree of Bachelor of
Hotel Management and Catering Technology

Submitted by

Abhishek Bansod

Divya Tembhekar

Kashish Pahuja

Palash Khanduri

Rohit Kumbhare

Shreyash Thanekar

Vaibhav Junarkar

BHMCT IV Year

Under the Guidance of

Dr. Anil Sontakke

(Associate Professor)

(Ph. D, MHM, MIRPM, BHMCT)



Shri Balasaheb Tirpude College of Hotel Management
and Catering Technology, Nagpur

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

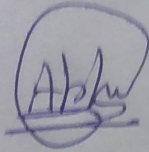
Session 2021-2022

Declaration by students

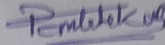
The project work entitled "Robotic Vacuum Cleaner", submitted by us to Shri Balasaheb Tirpude College of Hotel Management and Catering Technology, Nagpur for the award of Bachelor of Hotel Management and Catering Technology is a bonafide record of research work carried out by us under the supervision of Dr. Anil Sontakke, Guide.

The contents of this project work, in full or in parts, have not been submitted to any other institute or university for the award of any degree or diploma or similar distinctions.

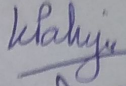
Abhishek Bansod



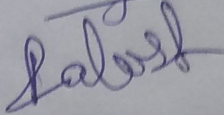
Divya Tembhekar



Kashish Pahuja

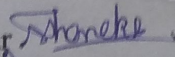


Palash Khanduri

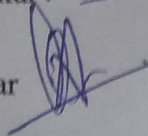


Rohit Kumbhare

Shreyash Thanekar



Vaibhav Junarkar



Date:

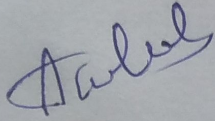
Place: Nagpur

Certificate by the guide

This is to certify that the work presented in the project work entitled "Robotic Vacuum Cleaner" submitted to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for the award of Bachelor of Hotel Management and Catering Technology, is a bonafide record of project work carried out by Abhishek Bansod, Divya Tembhekar, Kashish Pahuja, Palash Khanduri, Rohit Kumbhare, Shreyash Thanekar, Vaibhav Junarkar of Final year under my guidance and supervision.

Date:

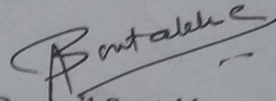
Place: Nagpur



Mr. Akshay Dandale
(Officiating principal)

SBTC HMCT,

OFFICIATING PRINCIPAL
Shri Balasaheb Tirpude College
Hotel Management & Catering Technology
Civil Lines. Sadar, Nagpur.



Dr. Anil Sontakke
(Guide)

SBTC HMCT

External Examiner

Internal Examiner

Acknowledgement

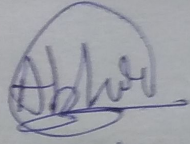
The success and final outcome of this project required lot of guidance and assistance from many people. Whatever we have done is only due to such guidance and assistance and we would not forget to thank them.

We own our profound gratitude to our Officiating Principal of the college Mr. Akshay Dandale who took keen interest in our project work by providing all the necessary information and his support and timely guidance of Dr. Anil Sontakke which made us complete the project on time.

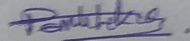
We are thankful to and fortunate enough to get constant encouragement, support and guidance from the teaching faculties of the college. We would like to extend my sincere thanks to the non-teaching staff also for their timely support.

Last but not the least we would like to thank all those who have directly or indirectly helped us out in completing the project.

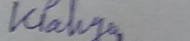
Abhishek Bansod



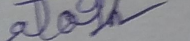
Divya Tembhekar



Kashish Pahuja

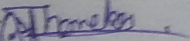


Palash Khanduri

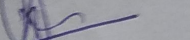


Rohit Kumbhare

Shreyash Thanekar



Vaibhav Junarkar



Date

Place: Nagpur

2022
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**The Acceptability of Mechanical Kebab Maker in Restaurant of
Nagpur City.
(A Prototype Device for Making seekh Kebab)**

A Project Report
Submitted in Partial fulfillment for the requirement of the award of degree of
Bachelor of
Hotel Management and Catering Technology

Submitted by

Shruti Girde
Kiran Panchal
Vinay Bopche
Pradumanya Kapse
Rohit Nafde
Adesh Shelke

Final year

Under the Guidance of
Mr. Yelesh Lanjewar
Assistant Professor
(M.H.M, M.B.A, B.H.M.C.T, M.A)



Shri Balasaheb Tirpude College of Hotel Management
and Catering Technology, Nagpur
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.
Session 2021-2022

Declaration by students

The project work entitled "The acceptability of mechanical Kebab maker in Restaurant of Nagpur City (A Prototype Device for Making seekh Kebab).", submitted by us to Shri Balasaheb Tirpude College of Hotel Management and Catering Technology, Nagpur for the award of Bachelor of Hotel Management and Catering Technology is a bonafied record of research work carried out by us under the supervision of Mr. Yelesh Lanjewar, Guide.

The contents of this project work, in full or in parts have not been submitted to any other institute or university for the award of any degree or diploma or similar distinctions.

Date: 23/05/22
Place : Nagpur

Shruti Girde

Kiran Panchal

Vinay Bopche

Pradumanya Kapse

Rohit Nafde

Adesh Shelke

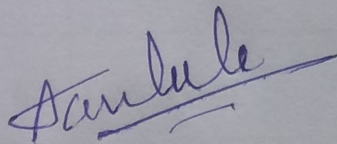
(Handwritten signatures and initials for each student)

Certificate by the guide

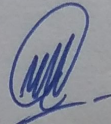
This is to certify that the work presented in the project work entitled "The acceptability of mechanical Kebab maker in Restaurant of Nagpur City (A Prototype Device for Making seekh Kebab)." Submitted to Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur for the award of Bachelore of Hotel Management and Catering Technology is a bonafied record of research work carried out by Shruti Girde, Kiran Panchal, Vinay Bopche, Pradumanya Kapse, Rohit Nafde and Adesh Shelke under my guidance and supervision.

Date: 28/02/2022

Place: Nagpur



Dr. Akshay Dandale
(Officiating Principal)
SBTC HMCT,
Nagpur.



Mr. Yelesh Lanjewar
(Guide)
SBTC HMCT,
Nagpur.

External Examiner

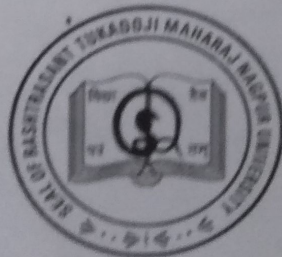
Internal Examiner

"Introduce a compactable bed to cope up with demand of extra bed in the hotels."

A Project Report
Submitted in Partial fulfilment for the requirement of the award of degree of
Bachelor of Hotel Management and Catering Technology

Submitted by
Aditya Koturwar
Gaurav Musale
Krishna Kumar Thakur
Pranay Thete
Sahil Kamble
Snehal Agrawal
Vincent Joseph
Final year

Under the Guidance of
Mr. Yogesh Meshram
(Assistant Professor)
(M.H.M, M.B.A, B.H.M.C.T)



Shri Balasaheb Tirpude College of Hotel Management
and Catering Technology, Nagpur
Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.
Session 2021-2022

Declaration by students

The project work entitled "Introduce a compactable bed to cope up with demand of extra bed in the hotels.", submitted by us to Shri Balasaheb Tirpude College of Hotel Management and Catering Technology, Nagpur for the award of Bachelor of Hotel Management and Catering Technology is a bonafide record of research work carried out by us under the supervision of Mr. Yogesh Meshram, Guide.

The contents of this project work, in full or in parts, have not been submitted to any other institute or university for the award of any degree or diploma or similar distinctions.

Date: 28/02/2022

Place: Nagpur

Aditya Koturwar

Gaurav Musale

Krishna Kumar Thakur

Pranay Thete

Sahil Kamble

Snehal Agrawal

Vincent Joseph

Aditya

Musale

K.K. Thakur

Pranay

Sahil

Snehal

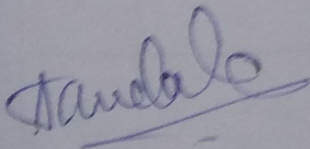
Mosca

Certificate by the Guide

This is to certify that the work presented in the project work entitled "Introduce a compactable bed to cope up with demand of extra bed in the hotels." submitted to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur for the award of Bachelor of Hotel Management and Catering Technology, is a bonafide record of project work carried out by Aditya Koturwar, Gaurav Musale, Krishna Kumar Thakur, Pranay Thete, Sahil Kamble, Snehal Agrawal, Vincent Joseph under my guidance and supervision.

Date: 28/02/2022

Place: Nagpur

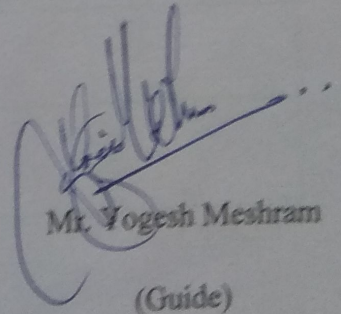


Mr. Akshay Dandale

(Officiating Principal)

SBTC HMCT, Nagpur

External Examiner



Mr. Yogesh Meshram

(Guide)

SBTC HMCT, Nagpur

Internal Examiner

2022
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Introduction To Automatic Liquor Dispenser for Hotel Guest Rooms

Submitted By

Mr. Archit Ketkar

Mr. Nishant Barde

Mr. Rohit Chougule

Ms. Sanjana Singh

Mr. Karanveer Singh

Mr. Tushar Rakshe

Final Year BHMCT



Shri Balasaheb Tirpude College of Hotel Management & Catering Technology,

Rashtrasant Tukadoji Maharaj Nagpur University

2021-2022

Introduction To Automatic Liquor Dispenser Hotel for Guest Rooms

A

Project Report

Submitted in partial fulfillment for the requirement of the award of degree of
Bachelor of Hotel Management and Catering Technology

Submitted By

Mr. Archit Ketkar

Mr. Nishant Barde

Mr. Rohit Chougule

Ms. Sanjana Singh

Mr. Karanveer Singh

Mr. Tushar Rakshe

Final Year BHMCT

Under the Guidance of

Ms. Nitu Jaiswal

(M.H.M, BHMCT)

Shri Balasaheb Tirpude College of Hotel Management & Catering
Technology,

Rashtrasant Tukadoji Maharaj Nagpur University


Student Declaration

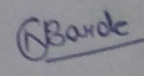
The project work entitled Introduction of Automatic liquor dispenser for hotel guest rooms submitted by us to Rashtrasant Tukadoji Maharaj Nagpur University for the award Bachelor of Hotel Management and Catering Technology is a bonafide record of research work carried out by us under the supervision of Ms. Nitu Jaiswal, Guide and Assistant Professor of the college. The contents of this project work, in full or in parts, have not been submitted to any other Institute or University for the award of any degree or diploma or similar distinctions.

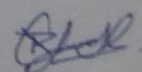
We also declare that no chapter of this project in whole or in part has been incorporated in this report from any earlier work done by others. However, extracts of any literature which has been used for this report has been duly acknowledged providing details of such literature in the references.

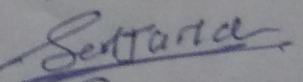
Date: 28/02/2022

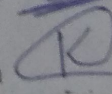
Place: Nagpur


Mr. Archit Ketkar 

Mr. Nishant Barde 

Mr. Rohit Chougule 

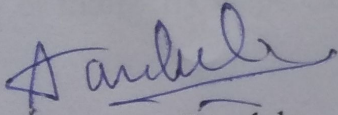
Ms. Sanjana Singh 

Mr. Karanveer Singh 

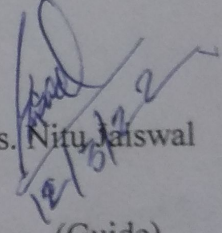
Mr. Tushar Rakshe 

Certificate by the Guide

This is to certify that Mr. Archit Ketkar, Mr. Nishant Barde, Mr. Rohit Chougule , Ms. Sanjana Singh , Mr. Karanveer Singh , Mr. Tushar Rakshe Final year students of Bachelor of Hotel Management and Catering Technology of Shri Balasaheb Tirpude College of Hotel Management & Catering Technology, under Rashtrasant Tukadoji Maharaj Nagpur University, have worked under my supervision and guidance for their Project Work and prepared a Project Report with the "Introduction To Automatic Liquor Dispenser For Hotel Guest Rooms" Which they are submitting, is their genuine and original work to the best of my knowledge.


Mr. Akshay Dandale

(Officiating Principal)


Ms. Nitu Jaiswal
(Guide)

Internal Examiner

External Examiner

Acknowledgement

The success and final outcome of this project required lot of guidance and assistance from many people. Whatever we have done is only due to such guidance and assistance and we would not forget to thank them.

We own our profound gratitude to our Officiating Principal of the college Mr. Akshay Dandale who took keen interest in our project work by providing all the necessary information and his support and timely guidance of Ms. Nitu Jaiswal which made us complete the project on time.

We are thankful to and fortunate enough to get constant encouragement, support and guidance from the teaching faculties of the college. We would like to extend my sincere thanks to the Non teaching staff also for their timely support.

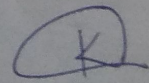
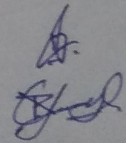
Last but not the least we would like to thank all those who have directly or indirectly helped us out in completing the project.

Date: 28/02/2022

Place: Nagpur



Barde



Santosh