



Phone: (O) 0755-2740395  
(R) 0755-2740396  
Website: [www.rkdf.ac.in](http://www.rkdf.ac.in)  
Email: [registrar@rkdf.ac.in](mailto:registrar@rkdf.ac.in)

# RKDF UNIVERSITY

(ESTABLISHED BY AN ACT OF GOVT. OF M.P. AND APPROVED BY UGC  
UNDER SECTION 2(F) OF 1956)

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## 1.3.4: Percentage of Students undertaking field projects / research projects / internships

**Students undertaking field projects / research projects / internships**

  
Registrar  
RKDF University



# Virtuoso Projects & Engineers Pvt. Ltd.

Built in Excellence

Factory Address : Gat No. 112, Pimpalgaon, Post Solu, Tal. Khed, Dist. Pune 412105

Office Address : 98/A5, Hadapsar Industrial Estate, Behind KPCL, Near Railway Line, Hadapsar, Pune 411013

Website : www.vpel.in | Email : admin@vpel.in

Date: 25/11/2021

PATIL BHUSHAN SUBHASH

BHOPAL ,MADHYA PRADESH.

## CERTIFICATE

This is to certify that Mr. PATIL BHUSHAN (0111EE18GT004) has gained experience in our organization as site engineer in electrical field and I hereby certify that Mr. PATIL BHUSHAN SUBHASH has worked in our company as a trainee engineer from 01/08/2021 to 30/11/2021 and has gained experience in the field of LT Panel testing , commissioning and manufacturing  
It was a great pleasure working with him for his internship duration and he proved himself as one of the most important and hardworking assets of the organization. We wish him a good life and better opportunities of employment in future.

For, Virtuoso Projects & Engineers Pvt.Ltd.



*[Signature]*  
Authorized Signatory

*[Signature]*  
Registrar  
RKDF University

Certificate / Ref No.: JSEERAC4W200522/5600

**CRISP**  
ISO 9001 : 2015

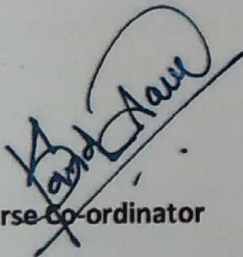
# Certificate

sourabh sen s/o manik lal sen

*has successfully completed training programme on*

**"SOLAR PANEL STABILIZATION "**

*organized from* 01/05/2021 to 30/08/2021

  
Course Co-ordinator

  
Chief Executive Officer

**Centre for Research and Industrial Staff Performance**

(Established under Indo-German Technical Co-operation)

Shyamla Hills, Bhopal- 462002 Website: [www.crispindia.com](http://www.crispindia.com)



# PATIDAR PROJECTS

GATE-1, 78, ALOK INDUSTRIAL ESTATE, B/H. GUJARAT VYAPARI MAHA MANDAL, NEAR ODHAV RING ROAD, ODHAV, AHMEDABAD – 382415

Date: 01/12/2021

**UDIT KUMAR YADAV**

BHOPAL, MADHYA PRADESH.

## EXPERIENCE CERTIFICATE

*This is to certify that Mr. UDIT KUMAR YADAV has gained experience in our organization as site engineer in electrical field and I hereby certify that Mr. UDIT KUMAR YADAV has worked in our company as a trainee engineer from 01/08/2021 to 30/11/2021 and has gained experience in the field of LT Panel testing, commissioning and manufacturing in various private & government sector.*

*It was a great pleasure working with him for his internship duration and he proved himself as one of the most important and hardworking assets of the organization. We wish him a good life and better opportunities of employment in future.*

Thank You,



Director

(Kirankumar

Kharchariya)

Registrar  
RKDF University



2201, Second Floor, Krishna Heights, Near Badshah Halwai Mandir, Narmada Road, Jabalpur(MP) India Ph.+91-8889738899 Email: jkim03@kepc.co.kr

Ref: KEPCO / India / FSP / JBP/ 1275

Date: 01/12/2021

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. **ANIMESH BHARDWAJ** studying BE in **Electrical Engineering** (7<sup>th</sup> Semester) at SRI SATYA SAI COLLEGE OF ENGINEERING, BHOPAL has undergone industrial training at our Feeder separation project located at Madhya Pradesh in Jabalpur from 11<sup>th</sup> October-26<sup>th</sup> November 2021. The candidate has specific training in Power distribution and overall knowledge about project components.

We have observed that the candidate is having hard working nature and sincere during the training period and wish for better prospects in studies as well as in career.

Best Regards,

Korea Electric Power Corporation

Junyoung Kim

Senior Manager of FSP in India  
(Authorized Signatory)



Department of HR

Divya S Chauhan

Registrar  
RKDF University



To whom so ever it may concern,

This is certify that Mr. Jaimin Rasikbhai Chauhan a student of has undergone Industrial Training at from 27<sup>th</sup> September 2021 to 14<sup>th</sup> November 2021. He has successfully completed his Project in "Design of Electrical Panel, wiring and maintenance" in discipline of Electrical Engineering. During the Training he took keen interest in the assigned work. We wish him all success in his academic endeavors and life.

Date : 18<sup>th</sup> November 2021

Place : Surat

Regards,

Kishan Burkhwala

M/s Astek Electricals India Pvt. Ltd

Director



**ASTEK Electricals India Pvt. Ltd.**

+91 9727980082  
astekelectricals@gmail.com  
info@astekelectricals.com

www.astekelectricals.com  
Plot No. 202-204, Unity Estate,  
Near Batliboi Ltd., Bhestan, Surat - 395 023, Gujarat, India.


GSTIN : 24AASCA8394A1ZH | CIN : U31902GJ2019PTC110361




# FIELD EXPOSURE CERTIFICATE

NAME : RAVI SINGH KUSHWAHA  
FATHER'S NAME : RAMLAL SINGH KUSHWAHA  
CLASS YEAR : BE  
IV YEAR  
BRANCH : ELECTRICAL ENGINEERING  
INSTITUTE : SRI SATYA SATI COLLEGE ENGINEERING  
TRAINING PERIOD : 18-06-2021 TO 18-09-2021  
TRAINING PLACE : **SUB DIVISIONAL OFFICER**  
Electricity Transm. Sub. Div. IV  
Ghazipur 132 K.V. Sub. Division  
Andhau, Ghazipur (U.P.)  
STUDENT NATURE : **Good**

Ravi Singh Kushwaha  
STUDENT SIGNATURE

  
SEAL / SIGNATURE  
SUB DIVISIONAL OFFICER  
Electricity Transmission Subdivision  
U.P. Power Corporation Ltd.  
Ghazipur

  
Registrar  
RKDF University



To whom so ever it may concern,

This is certify that Mr. Tejaskumar Bhupendrabhai Tailor a student of has undergone Industrial Training at from 27<sup>th</sup> September 2021 to 14<sup>th</sup> November 2021. He has successfully completed his Project in Design of Electrical Panel, wiring and maintenance" in discipline of Electrical Engineering. During the Training he took keen interest in the assigned work. We wish him all success in his academic endeavors and life.

Date : 18<sup>th</sup> November 2021

Place : Surat

Regards,

Kishan Burkhawala

M/s Astek Electricals India Pvt. Ltd



Director

**ASTEK Electricals India Pvt. Ltd.**

+91 9727980082  
asteelectricals@gmail.com  
info@asteelectricals.com

www.asteelectricals.com  
Plot No. 202-204, Unity Estate,  
Near Batliboi Ltd., Bhestan, Surat - 395 023, Gujarat, India.

GSTIN : 24AASCA8394A1ZH | CIN : U31902GJ2019PTC110361

Registrar  
RKDF University

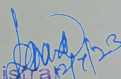


# FIELD EXPOSURE CERTIFICATE

NAME : ANAND SINGH KUSHWAHA  
FATHER'S NAME : RAMDULAR SINGH KUSHWAHA  
CLASS YEAR : BE  
IV YEAR  
BRANCH : ELECTRICAL ENGINEERING  
INSTITUTE : SRI SATYA SAT COLLEGE ENGINEERING  
TRAINING PERIOD : 18-06-2021 TO 18-09-2021  
TRAINING PLACE : SUB DIVISIONAL OFFICER  
Electricity Transm. Sub. Div. IV  
Ghazipur 132 K.V. Sub. Division  
Andhau, Ghazipur (U.P.)  
STUDENT NATURE : **Good**

Anand Singh Kushwaha  
STUDENT SIGNATURE

  
SEAL / SIGNATURE  
SUB DIVISIONAL OFFICER  
Electricity Transmission Subdivision  
U.P. Power Corporation Ltd.  
Ghazipur

  
Registrar  
RKDF University



To whom it may concern

It is to certify that MD. TASAUWAR ALAM, Roll no. 1811EL19GT016 a student of ELECTRICAL ENGG. discipline from Sri Satya Sai College of Engineering RKDF Univerisity Bhopal has been undergoing Industrial Training(VT) in HURL Barauni Bihar from 26.08.2021 to 09.10.2021 in the functional area of Electrical Testing Dept. a brief account of his learning is compiled and submitted as project work.

As a trainee he is found to be punctual; demonstrated keen interest in learning and acquiring skills. We wish him all the success in his career.

  
Project Manager  
Precision Service  
Barauni Site

Regd. Office: 1, Kambar Street, Kaaviya Garden, Mangala Nagar, Porur, Cchennai - 600 116.

(: 42845391, 94448 79566, 88383 91674, 9282173231

E-Mail : service\_precision@yahoo.com Website : www.precisionservice.in

Registrar  
RKDF University

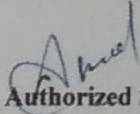
## CERTIFICATE

This is to certify that **Mr. Rishabh Rai S/o. Ravindra Rai, B.E (Electrical Engineering)** from **RKDF University, Bhopal** has successfully completed, Internship at **Kaynes Technology India Pvt. Ltd. (Manesar Unit -09)** from **15<sup>th</sup> September, 2021** to till on pursuing in our factory will be completed on **30<sup>th</sup> October, 2021**.

His internship activity includes familiarization to all the departments, operations, management overview involved with production process of the company. During the period of internship programme with us he has been exposed to different process, were found punctual, hardworking and inquisitive.

We wish him every success in his life and career.

For Kaynes Technology India Pvt. Ltd.

  
Authorized Signatory

**KAYNES TECHNOLOGY INDIA PRIVATE LIMITED**

Unit-VII: Plot No. 58, Sector 6, IMT Manesar, Gurugram=122050, Haryana (INDIA)  
Tel.:+91 124 4803089

H.O. & Regd Off.:# 23-25, Belagola Food Industries Area Metagalli P.O. Mysore -570 016. (INDIA)  
Tel.:+91 821 4280259, 4002800, Fax :+91 821 2582701

Visit us at : [www.kaynestechnology.net](http://www.kaynestechnology.net)

  
Registrar  
RKDF University

**CERTIFICATE**

This is to certify that **Mr. Dilip Kumar Singh S/o. Om Prakash Singh, B.Tech (Electrical Engineering)** From **RKDF UNIVERSITY** (Sri Satya Sai College of Engineering, Bhopal, M.P.) has successfully completed, Internship at **300MW Solar Power Project of ReNew Solar Services Pvt. Ltd, Jaisalmer, Rajasthan** From 01 Sep 2021 to 30<sup>th</sup> Nov 2021.

His internship activity includes familiarization to all the departments, Project Management, involved with Electrical System of LV, HV, Switchyard, DC System of the Project. During the period of internship programme with us he has been exposed to different process, were found punctual , hardworking and inquisitive.

We wish him every success in his life and career.

For ReNew Solar Services Pvt. Ltd.

Authorized Signatory



Registrar  
RKDF University



Maharashtra Company

भारत हेवी इलेक्ट्रिकल्स लिमिटेड रानीपुर, हरिद्वार

BHARAT HEAVY ELECTRICALS LIMITED, RANIPUR, HARIDWAR

TRAINING CERTIFICATE

Registration No. : HWR/HRDC/202104076

Certificate No. : HWR/HRDC/202104276


Mr. SAURAV KUMAR Enrolment No. 1811EL19GT021, Son/Daughter/Wife of Mr. AMRESH KUMAR THAKUR Student of ELECTRICAL ENGINEERING at SHRI SATYA SAI COLLEGE OF ENGINEERING, BHOPAL, (M.P.) has undergone Vocational Training in BHARAT HEAVY ELECTRICAL LIMITED, HARIDWAR from 09.08.2021 to 25.09.2021

The area Of Training Was "TURBO GENERATOR"

The performance of the trainee during the above training period was **GOOD**.

Date : 5/10/2021

  
(Checked by)

  
राज सिंह  
प्रबंधक

मानव संसाधन विकास केंद्र  
बी.एच.ई.एल., रानीपुर, हरिद्वार  
(Section Incharge)

Registrar  
RKDF University



Maharatna Company

भारत हेवी इलेक्ट्रिकल्स लिमिटेड रानीपुर, हरिद्वार

BHARAT HEAVY ELECTRICALS LIMITED, RANIPUR, HARIDWAR

TRAINING CERTIFICATE

Registration No. : HWR/HRDC/202104088

Certificate No. : HWR/HRDC/202104298

Mr. ABHISHEK KUMAR Enrolment No. 1811EL19GT022, Son/Daughter/Wife of Mr. OM PRAKASH Student of ELECTRICAL ENGINEERING at SHRI SATYA SAI COLLEGE OF ENGINEERING, BHOPAL, (M.P.) has undergone Vocational Training in BHARAT HEAVY ELECTRICAL LIMITED, HARIDWAR from 09.08.2021 to 25.09.2021

The area Of Training Was "TURBO GENERATOR"

The performance of the trainee during the above training period was **GOOD**.

Registrar  
RKDF University

Date : 5/10/2021

(Checked by)

राज सिंह  
प्रबंधक

मानव संसाधन विकास केंद्र  
बी.एच.ई.एल., रानीपुर, हरिद्वार  
(Section Incharge)



Maharatna Company

भारत हेवी इलेक्ट्रिकल्स लिमिटेड रानीपुर, हरिद्वार

BHARAT HEAVY ELECTRICALS LIMITED, RANIPUR, HARIDWAR

TRAINING CERTIFICATE

Registration No. : HWR/HRDC/202104085

Certificate No. : HWR/HRDC/202104295

Mr. ABHAY KUMAR PANDEY Enrolment No. 1811EL19GT023, Son/Daughter/Wife of Mr. AJAY KUMAR PANDEY Student of ELECTRICAL ENGINEERING at SHRI SATYA SAI COLLEGE OF ENGINEERING, BHOPAL, (M.P.) has undergone Vocational Training in BHARAT HEAVY ELECTRICAL LIMITED, HARIDWAR from 09.08.2021 to 25.09.2021

The area Of Training Was "TURBO GENERATOR"

The performance of the trainee during the above training period was GOOD.

Date : 5/10/2021

(Checked by)

राज सिंह  
प्रबंधक

मानव संसाधन विकास केंद्र  
बी.एच.ई.एल., रानीपुर, हरिद्वार  
(Section Incharge)

Registrar  
RKDF University



## APPROVAL CERTIFICATE

The Dissertation entitled **“DESIGN OF ARDUINO CONTROLLER BASED FAULT DETECTION AND SPEED CONTROL SYSTEM FOR SINGLE PHASE INDUCTION MOTOR”** being submitted by **MD WASIUDDIN (0111EEE18GT005), TASSADUKKQ ALAM (0111EEE18GT008), MD SHADMAN AHMAD (0111EEE18GT014) AFROZ ALAM (1811EEL19GT005)** has been examined by us and is Hereby approved for the award of degree **“Bachelor of Engineering in ELECTRICAL AND ELECTRONICS ENGINEERING”** for which it has been submitted. It is understood that by this approval the undersigned do not necessarily endorse or approve any statement made, opinion expressed or conclusion drawn therein, but approve the dissertation only for the purpose for which it has been submitted.

  
Internal Examiner

Date.....11/5/22.....

  
External Examiner

Date.....11/5/22.....

  
Registrar  
RKDF University



**SRI SATYA SAI COLLEGE OF ENGINEERING, BHOPAL**  
Department of Electrical and Electronics Engineering



**APPROVAL CERTIFICATE**

The Dissertation entitled **“IOT BASED ELECTRONIC VOTING MACHINE”** being submitted by **ABHISHEK KUMAR (0111EEE18GT001), MD ALI HASAN (0111EEE18GT003), TABIR ANWER (0111EEE18GT009), MUKESH KUMAR YADAV (0111EEE18GT010)** has been examined by us and is Hereby approved for the award of degree **“Bachelor of Engineering in Electrical Engineering”** for which it has been submitted. It is understood that by this approval the undersigned do not necessarily endorse or approve any statement made, opinion expressed or conclusion drawn therein, but approve the dissertation only for the purpose for which it has been submitted.

  
Internal Examiner

Date.....11/5/22.....

  
External Examiner

Date.....11/5/22.....

  
Registrar  
RKDF University

**SRI SATYA SAI COLLEGE OF ENGINEERING, BHOPAL**  
Department of Electrical and Electronics Engineering



**APPROVAL CERTIFICATE**

The Dissertation entitled "SMART COLLEGE CAMPUS" being submitted by **UDIT KUMAR YADAV (0111EE18GT007), MD ALYAN ALAM (0111EEE18GT004) ASHISH BISEN (1811EEL19GT001), INDRA KANT JHA (1811EEL19GT002), MOHAMMAD TABREZ ALAM (0111EEE18GT015)** has been examined by us and is Hereby approved for the award of degree "**Bachelor of Engineering in Electrical Engineering**" for which it has been submitted. It is understood that by this approval the undersigned do not necessarily endorse or approve any statement made, opinion expressed or conclusion drawn therein, but approve the dissertation only for the purpose for which it has been submitted.

  
Internal Examiner

Date.....11/9/22.....

  
External Examiner


Date.....11/9/22.....

  
Registrar  
RKDF University

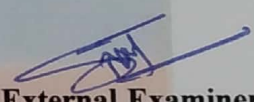


## APPROVAL CERTIFICATE

The Dissertation entitled “SMART ROOM LIGHT CONTROL SYSTEM” being submitted by MD ELBALOLAHAMID ELHASSAN (0111EEE18GT011), MD AWADOSMAN ALAWAD (0111EEE18GT012), MD ADIL ABDALLAELHAG (2111EEE19GT002), has been examined by us and is Hereby approved for the award of degree “**Bachelor of Engineering in Electrical and Electronics Engineering**” for which it has been submitted. It is understood that by this approval the undersigned do not necessarily endorse or approve any statement made, opinion expressed or conclusion drawn therein, but approve the dissertation only for the purpose for which it has been submitted.

  
Internal Examiner

Date.....11/8/22.....

  
External Examiner

Date.....11/8/22.....



## APPROVAL CERTIFICATE

The Dissertation entitled “**IOT BASED HEALTH MONITORING SYSTEM**” being submitted by **JAGDISHBHAI BALUBHAI (1811EEL19GT006), RAHUL KUMAR KUSHWAHA (1811EEL19GT007), SHASHIKANT MANI SHARMA (1811EEL19GT008) AMAN SAHU (1811EEL19GT009)** has been examined by us and is Hereby approved for the award of degree “**Bachelor of Engineering in Electrical and Electronics Engineering**” for which it has been submitted. It is understood that by this approval the undersigned do not necessarily endorse or approve any statement made, opinion expressed or conclusion drawn therein, but approve the dissertation only for the purpose for which it has been submitted.

Internal Examiner

Date..... 11/5/22 .....

External Examiner

Date..... 11/5/22 .....



## APPROVAL CERTIFICATE

The Dissertation entitled **“IOT BASED SMART HOME AUTOMATION WITH POWER QUALITY MONITORING”** being submitted by **MOHD ATIQUR RAHMAN (0111EEE18GT006), MANZAR IMAM (1811EEL19GT003), MUFEED KHAN (1811EEL19GT004), INTEKHAB ALAM (1811EEL19GT010)** has been examined by us and is Hereby approved for the award of degree **“Bachelor of Engineering in Electrical and Electronics Engineering”** for which it has been submitted. It is understood that by this approval the undersigned do not necessarily endorse or approve any statement made, opinion expressed or conclusion drawn therein, but approve the dissertation only for the purpose for which it has been submitted.

Internal Examiner

Date..... 11/5/22 .....

External Examiner

Date..... 11/5/22 .....

**SRI SATYA SAI COLLEGE OF ENGINEERING, BHOPAL**  
Department of Electrical Engineering



**APPROVAL CERTIFICATE**

The Dissertation entitled “**Indirect Matrix Converters as Generator–Grid Interfaces for Wind Energy Systems**” being submitted by “**Aqhil Ahmed Mohamad**” (0211EPS17PG002) has been examined by us and is Hereby approved for the award of degree “**Master of Technology in Electrical Power System**” for which it has been submitted. It is understood that by this approval the undersigned do not necessarily endorse or approve any statement made, opinion expressed or conclusion drawn therein, but approve the dissertation only for the purpose for which it has been submitted.

**Internal Examiner**

Date.....11/10/21.....

  
**External Examiner**

Date.....11/10/21.....

  
Registrar  
RKDF University

# SRI SATYA SAI COLLEGE OF ENGINEERING, BHOPAL

Department of Electrical Engineering



## APPROVAL

The Dissertation entitled **“IMPROVED PERFORMANCE OF A GRID-CONNECTED INVERTER WITH TWO PV ARRAY INPUT UNDER DIFFERENT ENVIRONMENT CONDITIONS USING ADAPTIVE NEURO FIS BASED CONTROL”** being submitted by **“PAWAN KUMAR VISHWAKARMA”** (0211EPS19PG011) has been examined by us and is hereby approved for the award of degree Master of Technology in ELECTRICAL POWER SYSTEM, for which it has been submitted. It is understood that by this approval the undersigned do not necessarily endorse or approve any statement made, opinion expressed, or conclusion drawn therein, but approve the dissertation only for the purpose for which it has been submitted.

Internal Examiner

Date.....

External Examiner

Date.....

Registrar  
RKDF University

# SRI SATYA SAI COLLEGE OF ENGINEERING, BHOPAL

Department of Electrical Engineering



## APPROVAL CERTIFICATE

The Dissertation entitled “**The Design of Solar-Wind Hybrid Renewable Energy System For A Rural Electrification**” being submitted by “**Shantanu Virnave**” (0211EPS19PG005) has been examined by us and is Hereby approved for the award of degree “**Master of Technology in Electrical Power System**” for which it has been submitted. It is understood that by this approval the undersigned do not necessarily endorse or approve any statement made, opinion expressed or conclusion drawn therein, but approve the dissertation only for the purpose for which it has been submitted.

Internal Examiner

Date. 2/2/22 .....

External Examiner

Date.....

Registrar  
RKDF University



**SRI SATYA SAI COLLEGE OF ENGINEERING, BHOPAL**  
Department of Electrical Engineering



**APPROVAL CERTIFICATE**

The Dissertation entitled **“Impacts of PV Penetration On The Performance Power System”** being submitted by **“Puja Kumari”** (0211EPS19PG010) has been examined by us and is Hereby approved for the award of degree **“Master of Technology in Electrical Power System”** for which it has been submitted. It is understood that by this approval the undersigned do not necessarily endorse or approve any statement made, opinion expressed or conclusion drawn therein, but approve the dissertation only for the purpose for which it has been submitted.

**Internal Examiner**

Date. 2/2/22

**External Examiner**

Date.....

Registrar  
RKDF University

**SRI SATYA SAI COLLEGE OF ENGINEERING, BHOPAL**  
Department of Electrical Engineering



**APPROVAL CERTIFICATE**

The Dissertation entitled **“Modelling and simulation of the matrix converter working at variable frequency”** being submitted by **“Achiket Saurabh Singh” (0211EPS19PG009)** has been examined by us and is Hereby approved for the award of degree **“Master of Technology in Electrical Power System”** for which it has been submitted. It is understood that by this approval the undersigned do not necessarily endorse or approve any statement made, opinion expressed or conclusion drawn therein, but approve the dissertation only for the purpose for which it has been submitted.

  
Internal Examiner

Date.....7/8/22.....

Date.....

External Examiner

  
Registrar  
RKDF University

**SRI SATYA SAI COLLEGE OF ENGINEERING, BHOPAL**

**Department of Electrical Engineering**



**APPROVAL CERTIFICATE**

The Dissertation entitled “ **An Efficient Design of Non-Active High Frequency Pass Filter for Applications in Active Power Filters**” being submitted by “**RAVI SHANKAR SINGH**” (0211EPS19PG007) has been examined by us and is hereby approved for the award of degree **Master of Technology in ELECTRICAL POWER SYSTEM**, for which it has been submitted. It is understood that by this approval the undersigned do not necessarily endorse or approve any statement made, opinion expressed or conclusion drawn therein, but approve the dissertation only for the purpose for which it has been submitted.

**Internal Examiner**

**Date.....**

**External Examiner**

**Date.....**

Registrar  
RKDF University

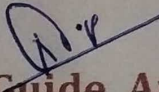
# Sri Satya Sai college of Engineering, Bhopal

## Master of Computer Application



### CERTIFICATE

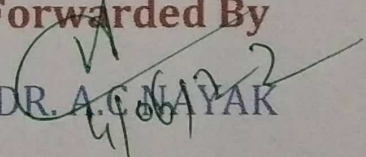
This is to certify that the work embodied in this dissertation entitled “**Job Portal**” has been satisfactorily completed by **Swapnil Sagar**. It is a bonafide piece of work, carried out under my guidance in the **Master of Computer Application, SRI SATYA SAI COLLEGE OF ENGINEERING, Bhopal** for the partial fulfillment of the **Master of Computer of Application** degree during the academic year 2022.

  
Internal Guide Approved By

Mr.....Mr.NARENDRA PARMAR

(Asst prof.)(Asst.Prof.) HOD MCA

Forwarded By

  
DR. A.C. NAYAK

(Principal, sssce)

**PRINCIPAL**

SRI SATYA SAI COLLEGE OF ENGINEERING  
BHOPAL (M.P.)

# SRI SATYA SAI COLLEGE OF ENGINEERING ,BHOPAL

## Master Of Computer Application

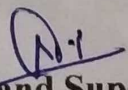
### CERTIFICATE



### DECLARATION

This is to certify that the work embodied in this dissertation entitled "TOUR & TRAVEL " being submitted by MAYURI KUMARI, Enrollment No.0811MCA20PG006 for partial fulfillment of the requirement for the award of 'Degree of Postgraduate' In [MASTER OF COMPUTER APPLICATION]

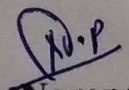
Discipline to Ram Krishna Dharmarth Foundation Vishwavidyalaya, Bhopal (M.P.) during the academic session 2021-22 is a record of bona-fide piece of work, undertaken by him in the supervision of the undersigned.

  
Approved and Supervised by

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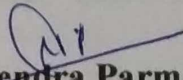
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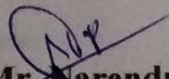
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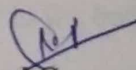
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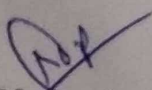
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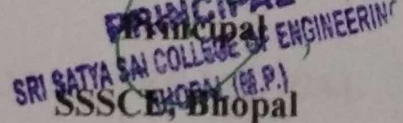
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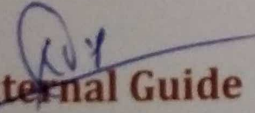
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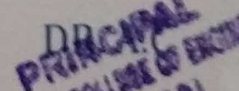
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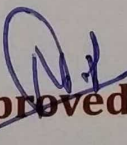


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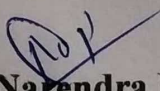
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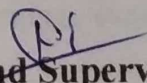
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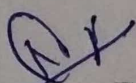


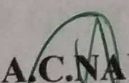
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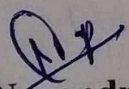
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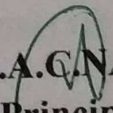
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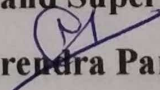
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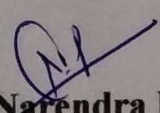
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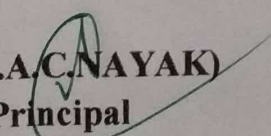
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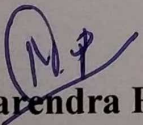
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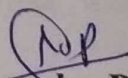
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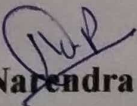
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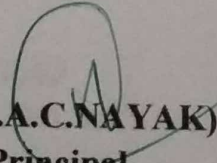
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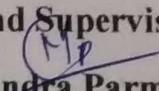


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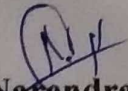
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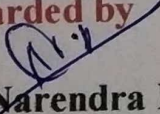
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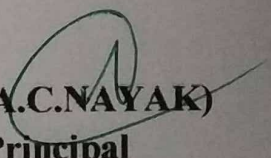
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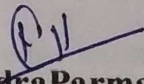
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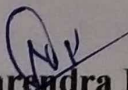
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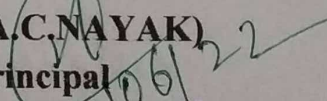
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## Master Of Computer Application

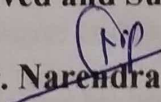
### CERTIFICATE



This is to certify that the work embodied in this dissertation entitled “E BILLING& INVOICE SYSTEM” being submitted by PARAS PANTHI & PATEL DURGESH AJAY,Enrollment No.0811MCA20PG020, 0811MCA20PG018 & YASH HEMNANI [0811MCA20PG004] for partial fulfillment of the requirement for the award of ‘Degree of Postgraduate’ In [MASTER OF COMPUTER APPLICATION]

Discipline to Ram Krishna Dharmarth Foundation Vishwavidyalaya, Bhopal (M.P.) during the academic session 2021-22 is a record of bona-fide piece of work, undertaken by him in the supervision of the undersigned.

Approved and Supervised by

  
Mr. Narendra Parmar

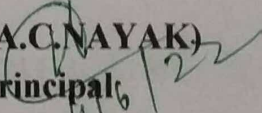
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# Sri Satya Sai college of Engineering, Bhopal

## Master of Computer Application



### CERTIFICATE

This is to certify that the work embodied in this dissertation entitled “**Job Portal**” has been satisfactorily completed by **Swapnil Sagar**. It is a bonafide piece of work, carried out under my guidance in the **Master of Computer Application, SRI SATYA SAI COLLEGE OF ENGINEERING, Bhopal** for the partial fulfillment of the **Master of Computer of Application** degree during the academic year 2022.

*D.P.*  
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Mr.....**Mr.NARENDRA PARMAR**  
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## Master Of Computer Application

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This is to certify that the work embodied in this dissertation entitled “ANALYSIS AND PREDICTION” being submitted by ANAND KUMAR GUPTA Enrollment No.0811MCA20PG012, GAUTAM KUMAR MEHTA Enrollment No..0811MCA20PG019 ,for partial fulfillment of the requirement for the award of ‘Degree of Postgraduate’ In [MASTER OF COMPUTER APPLICATION]

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Date: 12/04/2022  
Place: Bhopal

This is to certify that the dissertation entitled "**Optimization and Enhancement of Hydrodynamic Journal Bearing using CFD Analysis**" has been carried out by Student **Mr. Pratik Choubey** Bearing enrollment no. **0211PIE18PG015** student of **Master of Technology in Production and Industrial Engineering** submitted to the Department under our supervision and guidance in the "Department of Mechanical Engineering".

**CERTIFICATE**

Approved by UGC & AICTE, New Delhi, Govt. of M.P., Affiliated to Ram Krishna Dharmarth Foundation, University  
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**CERTIFICATE OF APPROVAL**

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*[Signature]*  
(Internal Examiner)  
Date: 13/04/2022

*[Signature]* 13/04/2022  
(External Examiner)  
Date: 13/04/2022



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**CERTIFICATE**

This is to certify that the dissertation entitled **“FEA Designing of Propeller Shaft and Stress Analysis”** has been carried out by Student **SACHIN VIJAYKUMAR VERMA (0211PIE17PG022)** student of **“Master of Technology in Mechanical Engineering”** under our supervision and guidance in the **“Department of Mechanical Engineering”**.

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**CERTIFICATE OF APPROVAL**

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**CERTIFICATE**

This is to certify that the dissertation entitled "**Material Removal Rate Optimization during Production of Implants**" has been carried out by Student **MANISHKUMAR RAM PRASAD (0211PIE17PG005)** student of "**Master of Technology in Mechanical Engineering**" under our supervision and guidance in the "**Department of Mechanical Engineering**".

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(External Examiner)

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**CERTIFICATE**

This is to certify that the dissertation entitled **“Optimization of process parameters of MIG welding on stainless steel 304 grade using robust design method”** has been carried out by Student **Mr. Sumit Dubey** Bearing enrollment no. **0211PIE18PG011** student of **“Master of Technology in Production and Industrial Engineering submitted to the Department”** under our supervision and guidance in the **“Department of Mechanical Engineering”**.

**Date:** 13-01-2022

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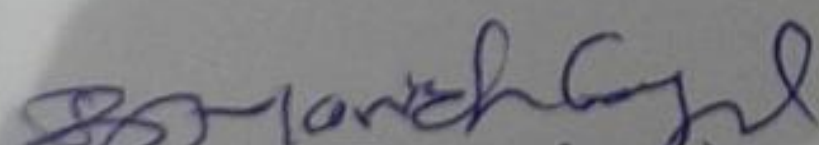


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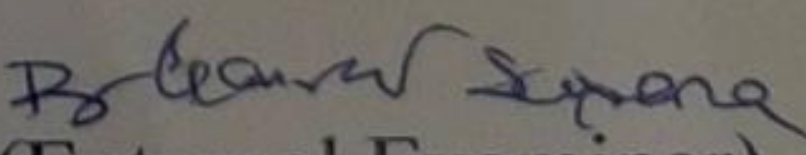
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(Internal Examiner)

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**CERTIFICATE**

This is to certify that the dissertation entitled **“A study on injection molding process for tensile strength of plastic components using optimization techniques”** has been carried out by Student **Mr. Belal Ahmad** Bearing enrollment no. **0211PIE19PG012** student of **“Master of Technology in Production and Industrial Engineering submitted to the Department”** under our supervision and guidance in the **“Department of Mechanical Engineering”**.

**Date:** 12/11/2025  
**Place:** Bhopal

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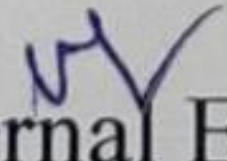


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**CERTIFICATE**

This is to certify that the dissertation entitled "**Business Strategy and Organizational Performance a case study of Nyka Steel PVT. Limited**" has been carried out by Student **Mr. Md Tauheed** Bearing enrollment no. **0211PIE19PG009** student of "Master of Technology in Production and Industrial Engineering submitted to the Department" under our supervision and guidance in the "Department of Mechanical Engineering".

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Date: 13/05/2022



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**CERTIFICATE**

This is to certify that the dissertation entitled **“Experimental investigations and Optimization on selection of optimal parameters in Cold working process Maximise the production”** has been carried out by Student **Mr. Irfan Ansari** Bearing enrollment no. **0211PIE19PG007** student of **Master of Technology in Production and Industrial Engineering** submitted to the Department” under our supervision and guidance in the **“Department of Mechanical Engineering”**.

Date: 13/07/22  
Place: Bhopal

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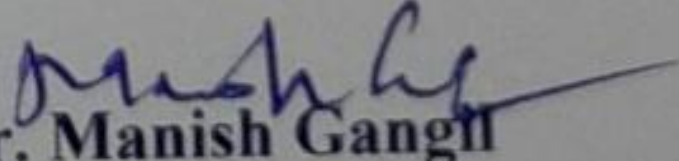
**Dr. Manish Gangil**

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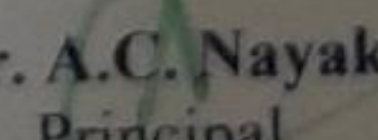
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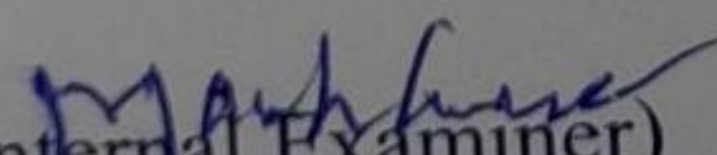


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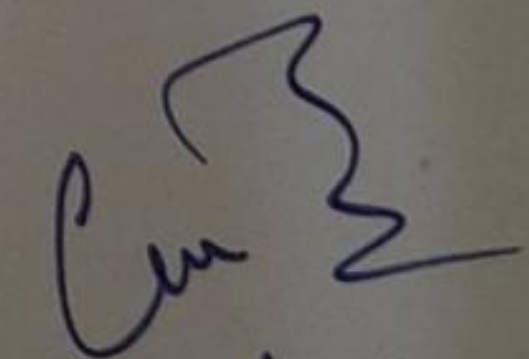
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Date: 13/05/2022





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**CERTIFICATE**

This is to certify that the dissertation entitled **“A study for different methods of modeling and simulation to minimizing manufacturing cost”** has been carried out by Student **Mr. Ravindra Kumar** Bearing enrollment no. **0211PIE19PG005** student of **“Master of Technology in Production and Industrial Engineering submitted to the Department”** under our supervision and guidance in the **“Department of Mechanical Engineering”**.

**Date:** 14/02/2022

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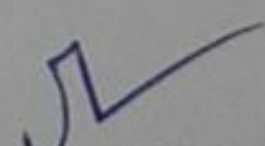


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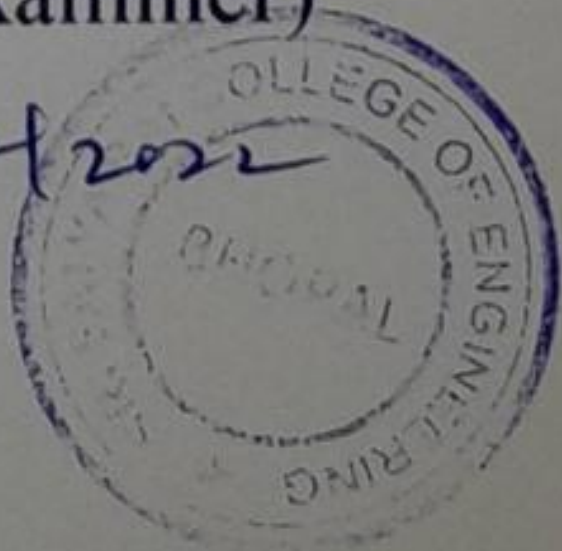
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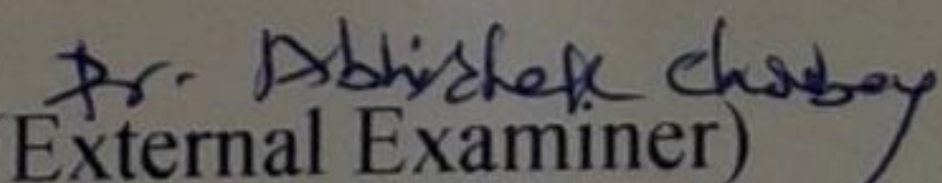
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(Internal Examiner)

Date: 14/02/2022



  
(External Examiner)

Date: 14/02/2020



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**CERTIFICATE**

This is to certify that the dissertation entitled **“Design & Development of Disposable Razor Tool for Barber on 3D Printing Machine & Testing Its Strength”** has been carried out by Student **Mr. Anit Anil Pendhari** Bearing enrollment no. **0211PIE19PG015** student of **“Master of Technology in Production and Industrial Engineering submitted to the Department”** under our supervision and guidance in the **“Department of Mechanical Engineering”**.

**Date:** 12/11/2021

**Place:** Bhopal

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SSSCE, RKDF University, Bhopal

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**Sri Satya Sai College of Engineering**  
**BHOPAL**

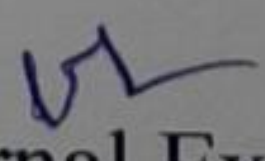


**Sri Satya Sai College of Engineering,  
BHOPAL (M.P.)-462033, INDIA**

Approved by UGC & AICTE, New Delhi, Govt. of M.P. Affiliated to Ram Krishna Dharmarth Foundation, University  
SRI SATYASAI COLLEGE OF ENGINEERING, AIRPORT BY-PASS ROAD, GANDHI NAGAR, Bhopal-462 033 (M.P.) INDIA

**CERTIFICATE OF APPROVAL**

The dissertation entitled "**Design & Development of Disposable Razor Tool for Barber on 3D Printing Machine & Testing Its Strength**" being submitted by **Mr. Anit Anil Pendhari** bearing enrollment no. **0211PIE19PG015** has been examined by us and is hereby approved for the award of degree of **M.Tech. in Production and Industrial Engineering**, submitted to the Department of Mechanical Engineering for which it has been submitted. It is understood that by this approval the undersigned do not necessarily endorse or approve any statement made, opinion expressed or conclusion drawn there in, but approve the dissertation only for the purpose for which it has been submitted.

  
(Internal Examiner)

Date: 12/11/2024

(External Examiner)

Date:



**Sri Satya Sai College of Engineering,  
BHOPAL (M.P.)-462033, INDIA**

Approved by UGC & AICTE, New Delhi, Govt. of M.P. Affiliated to Ram Krishna Dharmarth Foundation, University  
SRI SATYA SAI COLLEGE OF ENGINEERING, AIRPORT BY-PASS ROAD, GANDHI NAGAR,, Bhopal-462 033 (M.P.) INDIA

**CERTIFICATE**

This is to certify that the dissertation entitled **“Design and Optimization of GTA Welding Process Parameter for 1.4301 Stainless Steel Plate Using Several Technique”** has been carried out by Student **Mr. Om Prakash Patel** Bearing enrollment no. **0211PIE18PG016** student of **“Master of Technology in Production and Industrial Engineering submitted to the Department”** under our supervision and guidance in the **“Department of Mechanical Engineering”**.

**Date:** 13/01/2022  
**Place:** Bhopal

APPROVED & SUPERVISED BY:

**Dr. Manish Gangil**  
(Professor & HOD)

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**Dr. Manish Gangil**  
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BHOPAL (M.P.)-462033, INDIA**

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SRI SATYASAI COLLEGE OF ENGINEERING, AIRPORT BY-PASS ROAD, GANDHI NAGAR, Bhopal-462 033 (M.P.) INDIA

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**Dr. Manish Gangil**  
**HOD (ME) SSSCE**  
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**Mob. : 9907058666**  
**7987126069**

*Dr. Manish Gangil*  
(Internal Examiner)  
Date: 13/01/2022

*Dr. GAURAV SAXENA*  
(External Examiner)  
Date: 13/01/2022



**Sri Satya Sai College of Engineering,  
BHOPAL (M.P.)-462033, INDIA**

Approved by UGC & AICTE, New Delhi, Govt. of M.P. Affiliated to Ram Krishna Dharmarth Foundation, University  
SRI SATYA SAI COLLEGE OF ENGINEERING, AIRPORT BY-PASS ROAD, GANDHI NAGAR., Bhopal-462 033 (M.P.) INDIA

**CERTIFICATE**

This is to certify that the dissertation entitled "**A Study of labour productivity in large scale engineering industries through Automation**" has been carried out by Student **Mr. ARWAJ ANSARI** Bearing enrollment no. **0211PIE19PG008** student of **Master of Technology in Production and Industrial Engineering** submitted to **the Department**" under our supervision and guidance in the "**Department of Mechanical Engineering**".

Date: 13/05/22  
Place: Bhopal

APPROVED & SUPERVISED BY:

**Dr. Manish Gangil**

(Professor & HOD)

Mechanical Department

SSSCE, RKDF University, Bhopal

FORWARDED BY:

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Mob: 9970533000  
7987120608

**Dr. A.C. Nayak**  
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SSSCE, RKDF University, Bhopal  
**PRINCIPAL**  
Sri Satya Sai College of Engineering  
BHOPAL



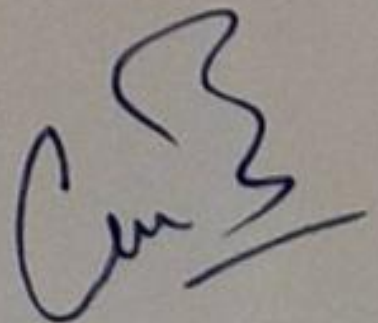
**Sri Satya Sai College of Engineering,  
BHOPAL (M.P.)-462033, INDIA**

Approved by UGC & AICTE, New Delhi, Govt. of M.P. Affiliated to Ram Krishna Dharmarth Foundation, University  
SRI SATYASAI COLLEGE OF ENGINEERING, AIRPORT BY-PASS ROAD, GANDHI NAGAR, Bhopal-462 033 (M.P.) INDIA

### **CERTIFICATE OF APPROVAL**

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Dr. Mani  
HOD (M.E.)  
(Internal Examiner)  
Mob. : 9907058866  
Date: 13/05/2022

  
Dr. Chitresh Nayak  
(External Examiner)  
Date: 13/05/2022



## Department of Mechanical Engineering

**SRI SATYA SAI COLLEGE OF ENGINEERING**  
GANDHINAGARBHOPAL (M.P.)-462033

May-2022



### CERTIFICATE

This is to certify that dissertation entitled “**PNEUMATIC BASED RUBBER BALL PATTERN CUTTING MACHINE**” submitted by “**Akash Shukla (1811MEL19GT002), Nirendra Pratap Singh(1811MEL19GT013), Vibhav Shrivastava(1811MEL19GT020), Vishal Shrivastava(1811MEL19GT021), Vishal Tiwari (1811MEL19GT055), Patel Akshay Manish Bhai(1811MEL19GT061)** has been carried out under my guidance and supervision. The Major Project is approved for submission towards partial fulfilment for the award of degree of “**Bachelor of Engineering**” in **Mechanical Engineering**. It is further certified that this work has not been submitted for the award of any other degree or diploma.

Project Guide & H.O.D

Dr. Manish Gangil

Department of ME



Principal

Dr. A.C. Nayak

Sri Satya Sai College of Engineering

**PRINCIPAL**  
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BHOPAL (M.P.)

**SRI SATYA SAI COLLEGE OF ENGINEERING**  
**BHOPAL**  
**DEPARTMENT OF MECHANICAL ENGINEERING**

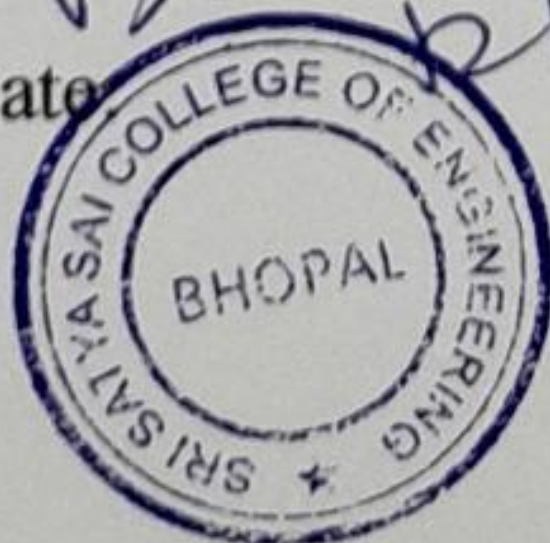


**CERTIFICATE OF APPROVAL**

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Internal Examiner

Date



External Examiner

Date:

12/05/2022



## CERTIFICATE

This is to certify that Major Project entitled "**ELECTROMAGNETIC BRAKING SYSTEM**" has been carried out by Student "MD Sajid Jamali (0111ME18GT005) , Vikas kumar (0111ME18GT015), Aditya kumar(0111ME18GT001), Nirajan Thakur(0111ME18GT027), Prabhakar pandey(0111ME18GT014), Sonu kumar Sah(0111ME18GT010) has been carried out under by student and supervision. The Major Project is approved for submission towards partial fulfillment for the award of degree of "**Bachelor of Engineering**" in **Mechanical Engineering**. It is further certified that this work has not been submitted for the award of any other degree or diploma.

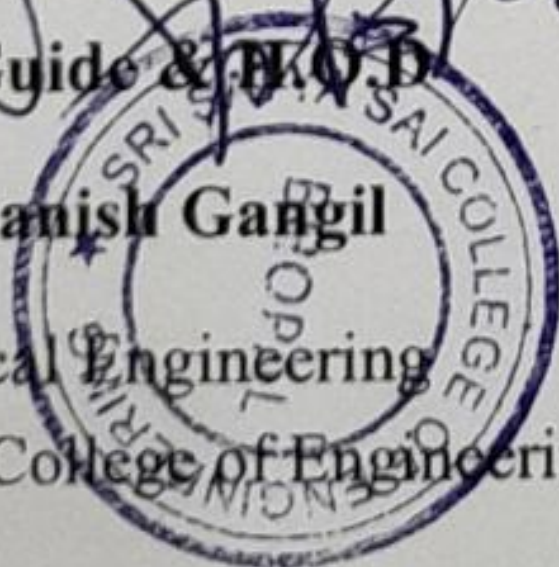
Project Guide & H.O.D

Dr. Manish Gangil

Mechanical Engineering

Sri Satya Sai College of Engineering

RKDF University, Bhopal



Principal

Dr. A.C. Nayak

PRINCIPAL  
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RKDF University, Bhopal

**SRI SATYA SAI COLLEGE OF ENGINEERING, BHOPAL**  
**DEPARTMENT OF MECHANICAL ENGINEERING**



**CERTIFICATE OF APPROVAL**

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Internal Examiner

Date:



External Examiner

Date:

12/05/22

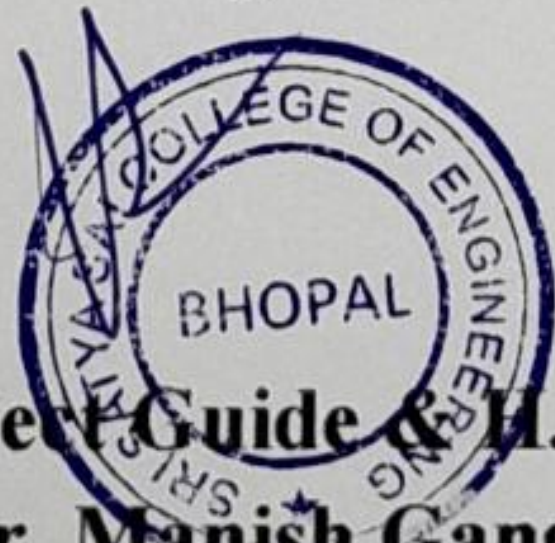
**SRI SATYA SAI COLLEGE OF ENGINEERING  
GANDHINAGAR BHOPAL (M.P.)**



**CERTIFICATE**

This is to certify that Major Project entitled “**AUTOMATIC MOTOR BIKE STAND**” has been carried out by student **SUDHANSHU KUMAR (1811MEL19GT018), JAZIB BASHAR (1811MEL19GT008), MD DANISH SIDDIQUE (1811MEL19GT036), NIKESH KUMAR PATEL (1811MEL19GT012), DEEPAK PAWAR (1811MEL19GT004), DURGHESH CHOUKIKAR (1811MEL19GT006)** has been carried out under by student and supervision. The Major Project is approved for submission towards partial fulfillment for the award of degree of “**Bachelor of Engineering**” in **Mechanical Engineering**.

It is further certified that this work has not been submitted for the award of any other degree or diploma.



**Project Guide & H.O.D  
Dr. Manish Gangil  
Sri Satya Sai College of  
Engineering  
RKDF University, Bhopal**

**Principal  
Dr. A.C. Nayak  
Sri Satya Sai College of  
Engineering  
RKDF University, Bhopal**

**PRINCIPAL  
SRI SATYA SAI COLLEGE OF ENGINEERING  
BHOPAL (M.P.)**

**SRI SATYA SAI COLLEGE OF ENGINEERING  
GANDHINAGAR BHOPAL (M.P.)**



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Internal Examiner

Date:



External Examiner

Date:

**Department of Mechanical Engineering**

**SRI SATYA SAI COLLEGE OF ENGINEERING GANDHINAGAR**

**BHOPAL (M.P.)-462033**

**May-2022**



**CERTIFICATE**

This is to certify that Major Project entitled **“STEAM TURBINE OPERATION AND WORKING PRINCIPAL”** has been carried out by student **Dheeraj Mishra, Sarvesh Kumar, Sumit Praajapati, Golday Singh, Mani Shankar** has been carried out under by student and supervision. The Major Project is approved for submission towards partial fulfillment for the award of degree of **“Bachelor of Engineering”** in **Mechanical Engineering**.

It is further certified that this work has not been submitted for the award of any other degree or diploma.

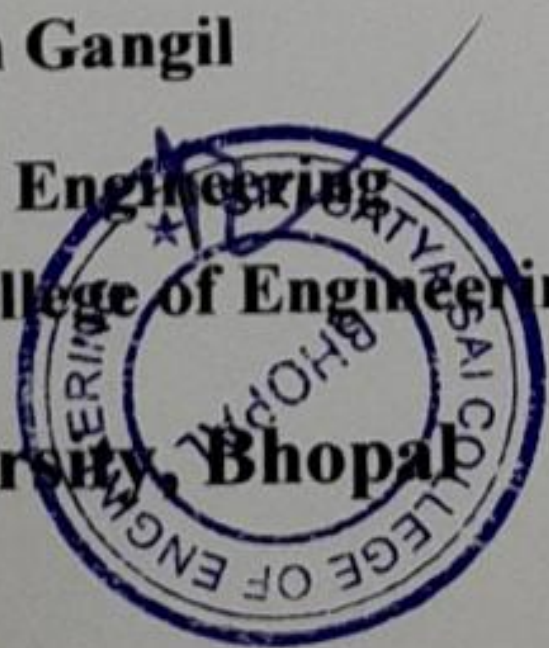
**Project Guide & H.O.D**

**Dr. Manish Gangil**

**Mechanical Engineering**

**Sri Satya Sai College of Engineering**

**RKDF University, Bhopal**



**Principal**

**Dr. A.C. Nayak**

**Sri Satya Sai College of Engineering  
RKDF University, Bhopal**

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**BHOPAL (M.P.)**

**SRI SATYA SAI COLLEGE OF ENGINEERING, BHOPAL**  
**DEPARTMENT OF MECHANICAL ENGINEERING**

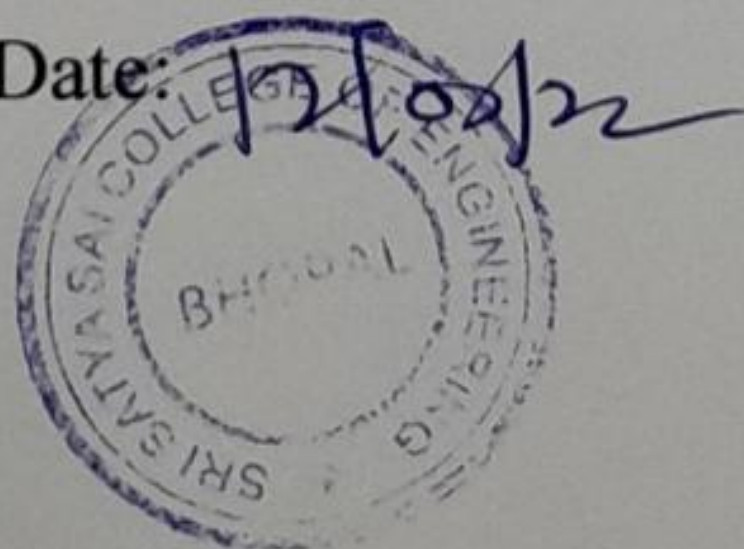


**CERTIFICATE OF APPROVAL**

This is to certify that Major Project entitled **“Steam Turbine Operation and Working Principal ”** being submitted by **“Dheeraj Mishra, Sarvesh Kumar, Sumit Praajapati, Golday Singh , Mani Shankar”** has been examined by us may be accepted for the partial fulfillment for the award of degree of **“Bachelor of Engineering”** in **Mechanical Engineering**.

Internal Examiner

Date:



External Examiner

Date:

12/05/20



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BHOPAL (M.P.)-462033

June-2022



**CERTIFICATE**

This is to certify that Major Project entitled "**AIR COOLED HEAT EXCHANGER**" has been carried out by student MD. SHAQUIB ANZAR(0111ME18GT006), LUQMAN GHAZI (0111ME18GT003), MOHD. AMIR QURESHI (1811MEL19GT031) NADEEM ANSARI, (1811MEL19GT035) MD AMBER, (1811MEL19GT022) has been carried out under by student and supervision. The Major Project is approved for submission towards partial fulfillment for the award of degree of "**Bachelor of Engineering**" in **Mechanical Engineering**.

It is further certified that this work has not been submitted for the award of any other degree or diploma.

Dr. Manish Gangil

HOD (ME) SSSCE

RKDF University, Bhopal

Mob. : 9907058666

7987126069

Project Guide & H.O.D

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Principal

Dr. A.C. Nayak

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**SRI SATYA SAI COLLEGE OF ENGINEERING,  
BHOPAL**

**DEPARTMENT OF MECHANICAL ENGINEERING**



**CERTIFICATE OF APPROVAL**

This is to certify that Major Project entitled "**AIR COOLED HEAT EXCHANGER**" being submitted by "MD. SHAQUIB ANZAR (0111ME18GT006), LUQMAN GHAZI (0111ME18GT003), MOHD. AMIR QURESHI (1811MEL19GT031) NADEEM ANSARI, (1811MEL19GT035) MD AMBER, (1811MEL19GT022) has been examined by us may be accepted for the partial fulfillment for the award of degree of "**Bachelor of Engineering**" in **Mechanical Engineering**.

**Dr. Manish Gangil**  
HOD (ME) SSSCE  
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Mob. : 9907058666  
7987126069

*Manish Gangil*  
Internal Examiner

Date: 12/05/22

*[Signature]*

External Examiner

Date: 12/05/22



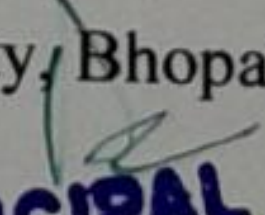
## CERTIFICATE

This is to certify that Major Project entitled **“COMPUTER NUMERICAL CONTROL”** has been carried out by student **PRINCE KUMAR 0111ME18GT007, SHAILESH KUMAR PRAJAPATI 0111ME18GT008** has been carried out under by student and supervision. The Major Project is approved for submission towards partial fulfillment for the award of degree of **“Bachelor of Engineering”** in **Mechanical Engineering**.

It is further certified that this work has not been submitted for the award of any other degree.

  
Project Guide & H.O.D  
Dr. Manish Gangil  
Mechanical Engineering  
Sri Satya Sai College of Engineering  
RKDF University, Bhopal

Principal  
Dr. A.C. Nayak  
Sri Satya Sai College of Engineering  
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**SRI SATYA SAI COLLEGE OF ENGINEERING, BHOPAL**  
**DEPARTMENT OF MECHANICAL ENGINEERING**



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Internal Examiner

Date:



External Examiner

Date:

12/05/22



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Project Guide & H.O.D

Dr. Manish Gangil

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Sri Satya Sai College of Engineering

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Principal

Dr. A.C. Nayak

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RKDF University, Bhopal

**PRINCIPAL**  
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BHO PAL (M.P.)

**SRI SATYA SAI COLLEGE OF ENGINEERING, BHOPAL**  
**DEPARTMENT OF MECHANICAL ENGINEERING**



**CERTIFICATE OF APPROVAL**

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Internal Examiner

Date: 12/10/22



External Examiner

Date: 12/10/22

**PRINCIPAL**  
**SRI SATYA SAI COLLEGE OF ENGINEERING**  
**BHOPAL (M.P.)**

**Title of Major Project**

**Ignition Interlock Device (IID)**

*A Major Project Report for the partial Fulfillment of the Requirement for the  
award of degree of*

**Bachelor of Engineering**

in

**Department of Mechanical Engineering**

Submitted to

**RAM KRISHNA DHARMARTH FOUNDATION UNIVERSITY**

**BHOPAL (M.P.)**



Submitted by

**Adarsh Pateriya   Amit pal   Mohit Kumar   Ankit Yadav**

1811MEL19GT001

1811MEL19GT043

1811MEL19GT044

1811MEL19GT003

**Sohail Khan   MD.Asgar Ali   Rajneesh Rohit   Pritesh Kumar Dubey**

0111EEE18GT007

0111ME18GT004

1811MEL19GT004

1811MEL19GT064

Under the guidance of

**Dr.Manish Gangil  
(HOD-ME)**



**Department of Mechanical Engineering**

**SRI SATYA SAI COLLEGE OF ENGINEERING GANDHI NAGAR  
BHOPAL (M.P.)-462033  
Session:-2019-22**

**SRI SATYA SAI COLLEGE OF ENGINEERING, BHOPAL**  
**DEPARTMENT OF MECHANICAL ENGINEERING**



**CERTIFICATE**

This is to certify that Major Project entitled "**WIND POWER**" has been carried out by student **SACHIN SHUKLA, SHAILESH TIWARI, SHUBHAM GUPTA** bearing **1811MEL19GT014, 1811MEL19GT057, 1811MEL19GT017** has been carried out under by student and supervision. The Major Project is approved for submission towards partial fulfillment for the award of degree of "**Bachelor of Engineering**" in **Mechanical Engineering**.

It is further certified that this work has not been submitted for the award of any other degree or diploma.



Project Guide & H.O.D.

**Dr. Manish Gangil**

Mechanical Engineering  
Sri Satya Sai College of Engineering  
RKDF University, Bhopal

Principal

**Dr. A.C. Nayak**

Sri Satya Sai College of Engineering  
RKDF University, Bhopal

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BHOPAL (M.P.)



**SRI SATYA SAI COLLEGE OF ENGINEERING, BHOPAL**  
**DEPARTMENT OF MECHANICAL ENGINEERING**



**CERTIFICATE OF APPROVAL**

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Internal Examiner  
Examiner

Date: 12/10/22

External

Date: 12/10/22

**SRI SATYA SAI COLLEGE OF ENGINEERING, BHOPAL**  
Department of Electronics & Communication Engineering



**CERTIFICATE**

This is to certify that the work embodies in this dissertation entitled "An architecture for Lifting based one dimensional discrete wavelet transform using Canonical Sign Digit." being submitted by "SUDHIR KUMAR" having (Roll No:- 0211VLS19PG006) for partial fulfillment of the requirement for the award of "Master of Technology in VLSI Design" TO "RKDF UNIVERSITY, Bhopal (M.P)" during the academic year 201-22 is a record of bonafide piece of work, carried out by him under my supervision and guidance at SRI SATYA SAI COLLEGE OF ENGINEERING , BHOPAL (M.P).

Guide/ Hod  
SACHIN BABDEWAR



Principal  
Dr. A.C. NAYAK



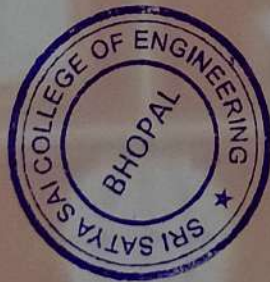
**SRI SATYA SAI COLLEGE OF ENGINEERING, BHOPAL**  
Department of Electronics & Communication Engineering



**CERTIFICATE**

This is to certify that the work embodies in this dissertation entitled “ **Implementation and analysis of Low Power Efficient 1bit Full Adder by Using Modified GDI Technique** ” being submitted by “ **ROSHAN KUMAR** ” having (Roll No:- 0211VLS19PG004) for partial fulfillment of the requirement for the award of “**Master of Technology in VLSI Design**” TO “**RKDF UNIVERSITY, Bhopal (M.P)**” during the academic year 201-21 is a record of bonafide piece of work, carried out by him under my supervision and guidance at **SRI SATYA SAI COLLEGE OF ENGINEERING , BHOPAL (M.P).**

Guide/ Hod  
**SACHIN BABDEWAR**



Principal  
**Dr. A.C NAYAK**

**PRINCIPAL**  
**SRI SATYA SAI COLLEGE OF ENGINEERING**  
**BHOPAL (M.P)**



# RKDF UNIVERSITY BHOPAL

Airport Road, Gandhi Nagar, Bhopal  
(Established by M.P. Govt Act. 2007 and recognized  
Under Section 2 (f) of UGC Act, 1956)

---

## CERTIFICATE

This is to certify that the project entitled “**ANTITUBERCULAR DRUG:- SUPRAMOLECULAR BENEFICIATION OF PROTHIONAMIDE**” submitted by **Deepika Lodhi** for the partial fulfillment of the requirements for the degree of Master of Science in Microbiology, at Department of Microbiology, RKDF University, Bhopal, under my guidance. The assistance and help received during the course of this investigation and source of literature have been duly acknowledged.

To the best of my knowledge, the report

- Embodies the work of the Candidate itself
- Has duly been completed.
- Fulfils the requirements of the ordinance related to the Post graduate Degree of the University.
- Is up to the desired standard for the purpose for which it is submitted

  
Dr. CBS Dangi

Dean  
Supervisor



**FACULTY OF SCIENCE RKDF UNIVERSITY  
BHOPAL**

**Airport Road, Gandhi Nagar, Bhopal-462033**

**(Established by M.P. Govt Act. 2007 and recognized  
Under Section 2 (f) of UGC Act, 1956)**

**CERTIFICATE**

*This is to certify that the project entitled “ Soil microbial flora of Rhizospheric region of amla tree ” submitted by Pooja Kumari Student of M.Sc. Microbiology, Faculty of Science, RKDF University, Bhopal. It is a part of research work carried out by him, under my guidance and to the best of my knowledge. It has reached the stage of fulfilling the requirement of the regulation relating to the fulfillment of the Master Degree in Microbiology.*

**Dr. CBS Dangi**

**Dean**

**Ms. Rimpa Manna)**

**Supervisor**

Registrar  
RKDF University

# CENTER FOR MEDICAL MYCOLOGY

(Fungal Disease Diagnostic and Research Center, Jabalpur.)

**Dr. Shesh Rao Nawange**

Scientist  
Young Scientist Govt. of India (DST), New Delhi  
Post Doctoral R.A. ICMR, New Delhi  
Research Associate ICMR, New Delhi  
Senior Research Fellow ICMR, New Delhi



Life Member- SIHAM, ISHAM  
Working Group on Fungal sinusitis- ISHAM  
PCR-based diagnosis of Dermatophytic infections: - ISHAM  
General Secretary, SRDTHFD  
International Observer CLSI (NCCLS)  
Mob. : 09827046379, 09479465303

Date : ... 20/08/22

## Certificate


Certified that the dissertation entitled "STUDY ON ANTICANDIDAL ACTIVITY OF GARLIC (ALLIUM SATIVUM) USING DISC & WELL DIFFUSION METHOD." is a bonafied work of MR. LOKESH BARAPATRE has been duly completed under my supervision and guidance.

This is entirely her own work and being submitted for IVth Semester Examination of M.Sc. Microbiology, RKDF University, Bhopal (M.P.)

This dissertation may be accepted in partial fulfillment for the award of the degree of Master of Science in Microbiology.

Date:

Place: Jabalpur

  
(S. R. Nawange)

**Dr. Shesh Rao Nawange**  
Scientist

Center for Medical Mycology  
Fungal Disease Diagnostic and  
Research Centre, L- 3/1 Kachnar City  
Madhotal Jabalpur - 482002 (M.P.) India

Add. : center for medical mycology L-3/1 kachnar city vijaynagar Jabalpur - 482002 (M.P.)

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## आरंकेडीएफ यूनिवर्सिटी

(Established by M.P. Govt. Act, 2007 and recongnized  
under section 2 (f) of UGC Act, 1956)

**Dr. C.B.S. Dangi**  
(M.Sc., Ph.D. in Genetics)  
Dean

Phone : (O) 0755 - 653033  
Mobile : 9425013170  
9039083330

Ref. No.....

Date.....

### CERTIFICATE

This is to certify that **Ms. PRAGYA DWIVEDI** is a regular student of M.Sc. IV<sup>th</sup> semester Microbiology of this University has successfully carried out her dissertation work on "**OCCURRENCE OF KERATINOPHILIC FUNGI FROM THE SOIL OF JABALPUR CITY**" under the supervision of **Dr. Shesh Rao Nawange**, Scientist and Head, Centre for Medical Mycology and Fungal Disease Diagnostic and Research Centre, Jabalpur.

This dissertation work is submitted in partial fulfilment of the requirement for the degree of Master of Science in Microbiology to Faculty of Science, RKDF Bhopal (M.P.)

Dean  
Faculty of Science  
RKDF University, Bhopal (M.P.)

Registrar  
RKDF University

# CENTER FOR MEDICAL MYCOLOGY

(Fungal Disease Diagnostic and Research Center, Jabalpur.)

**Dr. Shesh Rao Nawange**

Scientist  
Young Scientist Govt. of India (DST), New Delhi  
Post Doctoral R.A. ICMR, New Delhi  
Research Associate ICMR, New Delhi  
Senior Research Fellow ICMR, New Delhi



Life Member- SIHAM, ISHAM  
Working Group on Fungal sinusitis- ISHAM  
PCR-based diagnosis of Dermatophytic infections: - ISHAM  
General Secretary, SRDTHFD  
International Observer CLSI (NCCLS)  
Mob. : 09827046379, 09479465303

Date : 20/05/12

## Certificate


Certified that the dissertation entitled "OCCURRENCE AND DISTRIBUTION OF HUMAN PATHOGENIC YEAST IN THE ENVIRONMENT OF CENTRAL INDIA." is a bonafied work of **MR. PRAVEEN JAISWAL** has been duly completed under my supervision and guidance.

This is entirely her own work and being submitted for IVth Semester Examination of M.Sc. *Microbiology*, RKDF University, Bhopal (M.P.)

This dissertation may be accepted in partial fulfillment for the award of the degree of Master of Science in *Microbiology*.

Date:

Place: Jabalpur

  
(S. R. Nawange)  
Dr. Shesh Rao Nawange  
Scientist

Center for Medical Mycology  
Fungal Disease Diagnostic and  
Research Centre, L-3/1 Kachnar  
Jabalpur - 482002 (M.P.)

Address: center for medical mycology L-3/1 kachnar city vijaynagar Jabalpur - 482002 (M.P.)

sr\_nawange@yahoo.com, srdthfd@gmail.com, sr.nawange@gmail.com

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Dr. C.B.S. Dangi  
(M.Sc., Ph.D. in Genetics)  
Dean

Phone : (O) 0755 - 6530333  
Mobile : 9425013170  
9039083330

Ref. No. Fos/RKDF/1

Date.....

### CERTIFICATE

This is to certify that **Ms. KHUSHBOO TIWARI** is a regular student of M.Sc. IV<sup>th</sup> semester Microbiology of this University has successfully carried out her dissertation work on "**PRODUCTION OF CELLULOSE ENZYME FROM BACTERIA**". under the supervision of **Dr. Shesh Rao Nawange**, Scientist and Head , Centre for Medical Mycology and Fungal Disease Diagnostic and Research Centre , Jabalpur .

This dissertation work is submitted in partial fulfilment of the requirement for the degree of Master of Science in Microbiology to Faculty of Science, RKDF Bhopal (M.P.)

Dean

Faculty of Science  
RKDF University, Bhopal ( M.P. )



**FACULTY OF SCIENCE RKDF UNIVERSITY  
BHOPAL**

**Airport Road, Gandhi Nagar, Bhopal-462033**

**(Established by M.P. Govt Act. 2007 and recognized  
Under Section 2 (f) of UGC Act, 1956)**

**CERTIFICATE**

*This is to certify that the project entitled “ Soil Microbial Flora Of Rhizospheric Region Of Papaya Tree” submitted by Anamika Pandey Student of M.Sc. Microbiology, Faculty of Science, RKDF University, Bhopal. It is a part of research work carried out by her, under my guidance and to the best of my knowledge. It has reached the standard fulfilling the requirement of the regulation relating to the fulfillment of the Master Degree in Microbiology.*

A handwritten signature in green ink, appearing to read 'A. CBS Dangi', is written over the printed name of the Dean.

**Prof. (Dr) CBS Dangi**

**Dean**

**Ms. Rimpa Manna**

**Assistant Prof.**

**Supervisor**



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## CERTIFICATE

This is to certify that the project entitled ACTIVATION OF AMIDE C-N BONDS OF NICKEL-CATALYZED THREE-COMPONENT ALKENE CARBOACYLATION is submitted for the partial fulfillment of the requirements for the degree of Master of Science in Chemistry, at Department of Chemistry, RKDF University, Bhopal, under my guidance. The assistance and help received during the course of this investigation and source of literature have been duly acknowledged.

To the best of my knowledge, the report

- Embodies the work of the Candidate itself
- Has duly been completed.
- Fulfils the requirements of the ordinance related to the Post graduate Degree of the University.
- Is up to the desired standard for the purpose for which it is submitted

  
Dr. CBS Dangi  
Professor and Dean



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Under Section 2 (f) of UGC Act, 1956)


---

## CERTIFICATE

This is to certify that the project entitled **A Study Of 1,2-Cyclopropanated Sugars, 2- C- Branched Glyco-Amino Acids (GAAs) and Septanoses** submitted for the partial fulfillment of the requirements for the degree of Master of Science in Chemistry, at Department of Chemistry, RKDF University, Bhopal, under my guidance. The assistance and help received during the course of this investigation and source of literature have been duly acknowledged.

To the best of my knowledge, the report

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- Is up to the desired standard for the purpose for which it is submitted

  
Prof (Dr.) CBS Dangi  
Dean  
Supervisor



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## CERTIFICATE

This is to certify that the project entitled ACTIVATION OF AMIDE C-N BONDS OF NICKEL-CATALYZED THREE-COMPONENT ALKENE CARBOACYLATION is submitted for the partial fulfillment of the requirements for the degree of Master of Science in Chemistry, at Department of Chemistry, RKDF University, Bhopal, under my guidance. The assistance and help received during the course of this investigation and source of literature have been duly acknowledged.

To the best of my knowledge, the report

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- Has duly been completed.
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- Is up to the desired standard for the purpose for which it is submitted

  
Dr. CBS Dangi  
Professor and Dean



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---

**CERTIFICATE**

This is to certify that the project entitled **“PHYTOCHEMICAL SCREENING AND CHROMATOGRAPHIC STUDY OF HERBAL PLANT”** submitted by **Rupali Sonare** Student of M.Sc. chemistry, Faculty of Science, RKDF University, Bhopal. It is a part of research work carried out by him, under my guidance and to the best of my knowledge. It has reached the standard fulfilling the requirement of the regulation relating to the fulfillment of the Master Degree in chemistry.

A handwritten signature in blue ink, appearing to read 'Dangi C.B.S.', written over a light blue circular stamp.

**Dr.C.B.S. Dangi  
Professor & Dean**

A handwritten signature in blue ink, appearing to read 'Dangi C.B.S.', written over a light blue circular stamp.

**Dr.C.B.S. Dangi  
Supervisor**



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**CERTIFICATE**

*This is to certify that the project entitled “PHYTOCHEMICAL CHARACTERIZATION OF SWEET INDRAJAO BARK” submitted by Nikhil Sanjay Patil Student of M.Sc. chemistry, Faculty of Science, RKDF University, Bhopal. It is a part of research work carried out by him, under my guidance and to the best of my knowledge. It has reached the standard fulfilling the requirement of the regulation relating to the fulfillment of the Master Degree in chemistry.*

**Dr. (Mrs. Dangi)  
Prof. & Dean**

**Ms. Rimpa Manna  
Supervisor**

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**CERTIFICATE**

*This is to certify that the project entitled "NICKEL-CATALYZED THREE-COMPONENTALKENE CARBOACYLATION VIA ACTIVATION OF AMIDE C-N BONDS" submitted by Vedprakash Student of M.Sc. chemistry, Faculty of Science, RKDF University, Bhopal. It is a part of research work carried out by him, under my guidance and to the best of my knowledge. It has reached the standard fulfilling the requirement of the regulation relating to the fulfillment of the Master Degree in chemistry.*

  
Dr. Joshi Dangi  
Prof. & Dean

Ms. Rimpa Manna  
Supervisor

  
Registrar  
RKDF University





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**CERTIFICATE**

*This is to certify that the project entitled "ACTIVATION OF AMIDE C-N BONDS NI-CATALYZED COMPONENT ALKENE CARBOACYLATION" submitted by Jyoti Shankar Prasad Student of M.Sc. chemistry, Faculty of Science, RKDF University, Bhopal. It is a part of research work carried out by him, under my guidance and to the best of my knowledge. It has reached the standard fulfilling the requirement of the regulation relating to the fulfillment of the Master Degree in chemistry.*

  
Dr. Chandra Dangi  
Prof. & Dean

Ms. Rimpa Manna  
Supervisor

  
Registrar  
RKDF University



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## CERTIFICATE

This is to certify that the project entitled **Synthesis of glycospiropyrrolidines / isoxazolidines 1,3-dipolar cycloaddition strategy for the stereoselective and their anti-microbial studies** submitted for the partial fulfillment of the requirements for the degree of Master of Science in Chemistry, at Department of Chemistry, RKDF University, Bhopal, under my guidance. The assistance and help received during the course of this investigation and source of literature have been duly acknowledged.

To the best of my knowledge, the report

- Embodies the work of the Candidate itself
- Has duly been completed.
- Fulfils the requirements of the ordinance related to the Post graduate Degree of the University.
- Is up to the desired standard for the purpose for which it is submitted

**Prof (Dr.) CBS Dangi**  
**Dean**  
**Supervisor**



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## CERTIFICATE

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- Is up to the desired standard for the purpose for which it is submitted

**Prof (Dr.) CBS Dangi**  
**Dean**  
**Supervisor**



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**CERTIFICATE**

*This is to certify that the project entitled “HIGH-PERFORMANCE AFFINITY CHROMATOGRAPHY METHOD USING FOR ANALYSIS OF DRUG-PROTEIN INTERACTIONS DURING DIABETES” submitted by Manish Singh Student of M.Sc. chemistry, Faculty of Science, RKDF University, Bhopal. It is a part of research work carried out by him, under my guidance and to the best of my knowledge. It has reached the standard fulfilling the requirement of the regulation relating to the fulfillment of the Master Degree in chemistry.*

  
Dr. S. S. Dangri  
Prof. & Dean

Ms. Rimpa Manna  
Supervisor

  
Registrar  
RKDF University



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## CERTIFICATE

This is to certify that the project entitled **ANALYZING AND SOLVING THE PROBLEM OF MEDICAL PANDEMIS BY CLOUD COMPUTING METHOD** is submitted for the partial fulfillment of the requirements for the degree of Master of Science in Computer science, at Department of Computer science, RKDF University, Bhopal, under my guidance. The assistance and help received during the course of this investigation and source of literature have been duly acknowledged.

To the best of my knowledge, the report

- Embodies the work of the Candidate itself
- Has duly been completed.
- Fulfils the requirements of the ordinance related to the Post graduate Degree of the University.
- Is up to the desired standard for the purpose for which it is submitted

  
Dr. CBS Dangi  
Dean

  
(Mr Paritosh Golder)  
Supervisor



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**CERTIFICATE**

*This is to certify that the project entitled "FIRST THINGS FIRST: WHAT'S A NETWORKING" submitted by **Manisha Kumari** Student of M.Sc. Computer Science, Faculty of Science, RKDF University, Bhopal. It is a part of research work carried out by him, under my guidance and to the best of my knowledge. It has reached the standard fulfilling the requirement of the regulation relating to the fulfillment of the Master Degree in Computer Science.*

*Dr. (S. S. Dangri)*  
Prof. & Dean

**Mr. Paritosh Goldar**  
Supervisor



**RKDF UNIVERSITY BHOPAL**  
Airport Road, Gandhi Nagar, Bhopal  
(Established by M.P. Govt Act. 2007 and recognized  
Under Section 2 (f) of UGC Act, 1956)

## CERTIFICATE

This is to certify that the project entitled **Cloud computing method Interface development for Eucalyptus based** is submitted for the partial fulfillment of the requirements for the degree of Master of Science in Computer science, at Department of Computer science, RKDF University, Bhopal, under my guidance. The assistance and help received during the course of this investigation and source of literature have been duly acknowledged.

To the best of my knowledge, the report

- Embodies the work of the Candidate itself
- Has duly been completed.
- Fulfils the requirements of the ordinance related to the Post graduate Degree of the University.
- Is up to the desired standard for the purpose for which it is submitted

  
**Dr. CBS Dangi**  
Dean

  
**(Mr Paritosh Golder)**  
Supervisor

Dr. Vasavi Narayanan  
Consultant and Head  
Department of Clinical Cytology  
Apollo Health and Lifestyle Limited  
Apollo Diagnostics, Balanagar, Hyderabad, Telangana


Date: 17 May, 2022

## CERTIFICATE OF COMPLETION

To whom it may concern,

This is to certify that Lekhangda Bhatnagar has successfully completed her master's degree dissertation project entitled "**The Era of Telehealth: Genetic Counselling in Covid times**" under my supervision between 15 January- 15 May, 2022 for a period of four months. Lekhangda is an exemplary student who is hard working and dedicated to the field of Genetic Counselling. This certificate is given to her to acknowledge her creative achievement of a scientific contribution to the field of Genetic Counselling.

I wish her success in her future endeavors.

  
(Dr. Vasavi Narayanan)





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(Established by M.P. Govt. Act, 2007 and recognized  
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**Dr. C.B.S. Dangi**  
(M.Sc., Ph.D. in Genetics)  
Dean

Phone : (O) 0755 - 6530333  
Mobile : 9425013170  
9039083330

Ref. No. FoS/RKDF On: 1/22

Date.....

### CERTIFICATE

This is to certify that the work entitled "**Extraction of essential oil of eucalyptus (eucalyptus globulus) with the help of soxhlet apparatus**" is a piece of research work done by **Miss. SHIKHA GANESHE** under my guidance and supervision for the degree of MSC in Biotechnology of **Ram Krishna Dharmarth Foundation University, Bhopal (M.P.) India**. I certify that the candidate has put-in an attendance of more than 240 days with me.

To the best of my knowledge and belief the thesis:

- (1) Embodies the work of the candidate himself
- (2) Has duly been completed.
- (3) Fulfill the requirement of the ordinance relating to the Master's degree of the university.
- (4) Is up to the standard both in respect of contents and language for being referred to the examiner.

  
**Signature of Supervisor**

**Dr. CBS Dangi**

**Date**

  
Registrar  
RKDF University

Office : Near R.G.V.P. Campus, Airport Bypass Road, Gandhi Nagar, Bhopal - 462032 (M.P.)

ऑफिस : आर.जी.वी.पी. केम्पस के पास, एयरपोर्ट बायपास रोड, गांधी नगर, भोपाल - 462032 (म.प्र.)

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**Dr. C.B.S. Dangi**

(M.Sc., Ph.D. in Genetics)  
Dean

Phone : (O) 0755 - 6530333

Mobile : 9425013170

9039083330

Ref. No. FOG/RKDF/2022

Date.....

### CERTIFICATE

This is to certify that the work entitled "**Extraction of essential oil of Papaya (Carica Papaya) with the help of soxhlet apparatus**" is a piece of research work done by **Miss. DEEPIKA JAT** under my guidance and supervision for the degree of MSC in Biotechnology of **Ram Krishna Dharmarth Foundation University, Bhopal (M.P.) India**. I certify that the candidate has put-in an attendance of more than 240 days with me.

To the best of my knowledge and belief the thesis:

- (1) Embodies the work of the candidate himself
- (2) Has duly been completed.
- (3) Fulfill the requirement of the ordinance relating to the Master's degree of the university.
- (4) Is up to the standard both in respect of contents and language for being referred to the examiner.

  
Signature of Supervisor

**Dr. CBS Dangi**

Date



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**Dr. C.B.S. Dangi**

(M.Sc., Ph.D. in Genetics)  
Dean

Phone : (O) 0755 - 6530

Mobile : 9425013170

9039083330

Ref. No. FOQ/RKDF/2022

Date.....

### CERTIFICATE

This is to certify that the work entitled “**Extraction of essential oil of Guduchi (Tinospora cordifolia) with the help of soxhlet apparatus**” is a piece of research work done by **Miss. ANTIMA JAT** under my guidance and supervision for the degree of **MSC in Biotechnology of Ram Krishna Dharmarth Foundation University, Bhopal (M.P.) India**. I certify that the candidate has put-in an attendance of more than 240 days with me.

To the best of my knowledge and belief the thesis:

- (1) Embodies the work of the candidate himself
- (2) Has duly been completed.
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- (4) Is up to the standard both in respect of contents and language for being referred to the examiner.

  
Signature of Supervisor

**Dr. CBS DANGI**

Date

  
Registrar  
RKDF University

Office : Near R.G.V.P. Campus, Airport Bypass Road, Gandhi Nagar, Bhopal - 462032 (M.P.)

ऑफिस : आर.जी.वी.पी. केम्पस के पास, एयरपोर्ट बायपास रोड, गांधी नगर, भोपाल - 462032 (म.प्र.)

E-mail : drcbdsdangi@gmail.com, drdangi@rkdf.ac.in • Website : www.rkdf.ac.in



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Airport Road, Gandhi Nagar, Bhopal  
(Established by M.P. Govt Act. 2007 and recognized  
Under Section 2 (f) of UGC Act, 1956)

---

**CERTIFICATE**

This is to certify that the project entitled **Studies of mixed ligand complexes using the Pigment moieties -Characterization and biological screening** submitted for the partial fulfillment of the requirements for the degree of Master of Science in Biotechnology, at Department of Biotechnology, RKDF University, Bhopal, under my guidance. The assistance and help received during the course of this investigation and source of literature have been duly acknowledged.

To the best of my knowledge, the report

- Embodies the work of the Candidate itself
- Has duly been completed.
- Fulfils the requirements of the University related to the Post graduate Degree of the University.
- Is up to the desired standard for the purpose for which it is submitted

A handwritten signature in green ink, appearing to read 'CBS Dangi', is written over a faint, illegible stamp.

**Prof (Dr.) CBS Dangi**  
**Dean**  
**Supervisor**

Dr. Vasavi Narayanan  
Consultant and Head  
Department of Clinical Cytology  
Apollo Health and Lifestyle Limited  
Apollo Diagnostics, Balanagar, Hyderabad, Telangana

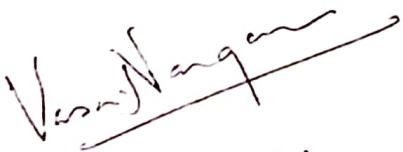
Date: 17 May, 2022

## CERTIFICATE OF COMPLETION

To whom it may concern,

This is to certify that Lekhangda Bhatnagar has successfully completed her master's degree dissertation project entitled "**The Era of Telehealth: Genetic Counselling in Covid**" under my supervision between 15 January- 15 May, 2022 for a period of four months. Lekhangda is an exemplary student who is hard working and dedicated to the field of Genetic Counselling. This certificate is given to her to acknowledge her creative achievement of a scientific contribution to the field of Genetic Counselling.

I wish her success in her future endeavors.

  
(Dr. Vasavi Narayanan)



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**Airport Road, Gandhi Nagar, Bhopal-462033**

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Under Section 2 (f) of UGC Act, 1956)**

**CERTIFICATE**

*This is to certify that the project entitled "Immunity Booster Food in the time of COVID " submitted by mohd junaid Student of M.Sc. Biotechnology, Faculty of Science, RKDF University, Bhopal. It is a part of research work carried out by him, under my guidance and to the best of my knowledge. It has reached the standard fulfilling the requirement of the regulation relating to the fulfillment of the Master's degree in Biotechnology.*

  
Dr. Chandan  
Prof. & Dean

  
Ms. Rimpa Manna  
Supervisor



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Under Section 2 (f) of UGC Act, 1956)**

**CERTIFICATE**

*This is to certify that the project entitled "**Biochemistry Auto analyzer**" submitted by **Rajaram Kumar** Student of M.Sc. Biotechnology, Faculty of Science, RKDF University, Bhopal. It is a part of research work carried out by him, under my guidance and to the best of my knowledge. It has reached the standard fulfilling the requirement of the regulation relating to the fulfillment of the Master Degree in Biotechnology.*

  
Dr. Chandra Prasad  
Prof. & Dean

  
Ms. Rimpa Manna  
Supervisor

  
Registrar  
RKDF University



**FACULTY OF SCIENCE RKDF UNIVERSITY  
BHOPAL**

**Airport Road, Gandhi Nagar, Bhopal-462033**

**(Established by M.P. Govt Act. 2007 and recognized  
Under Section 2 (f) of UGC Act, 1956)**

**CERTIFICATE**

*This is to certify that the project entitled “ **STUDY OF MILK QUALITATIVE PARAMETERS**” submitted by **Nirdosh Lakra** Student of M.Sc. Biotechnology, Faculty of Science, RKDF University, Bhopal. It is a part of research work carried out by him, under my guidance and to the best of my knowledge. It has reached the standard fulfilling the requirement of the regulation relating to the fulfillment of the Master Degree in Biotechnology.*

  
**Dr. CBS Dang**  
**Prof. & Dean**

  
**Ms. Rinpa Manna)**  
**Supervisor**





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Under Section 2 (f) of UGC Act, 1956)

## CERTIFICATE

This is to certify that the project entitled **Parents and the common core State standards for mathematics** submitted for the partial fulfillment of the requirements for the degree of Master of Science in Mathematics, at Department of Mathematics, RKDF University, Bhopal, under my guidance. The assistance and help received during the course of this investigation and source of literature have been duly acknowledged.

To the best of my knowledge, the report

- Embodies the work of the Candidate itself
- Has duly been completed.
- Fulfils the requirements of the ordinance related to the Post graduate Degree of the University.
- Is up to the desired standard for the purpose for which it is submitted

  
**Mr Rakesh Choubey**  
(Assistant professor)

  
**Prof. D. S. Choudhary**  
Dean



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---

## CERTIFICATE



This is to certify that the project entitled **Children's and the common core State standards for mathematics** submitted for the partial fulfillment of the requirements for the degree of Master of Science in Mathematics, at Department of Mathematics, RKDF University, Bhopal, under my guidance. The assistance and help received during the course of this investigation and source of literature have been duly acknowledged.

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**Mr Rakesh Choubey**  
(Assistant professor)

  
**Prof (Dr.) CBS Dangi**  
Dean  
  
Registrar  
RKDF University



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**Airport Road, Gandhi Nagar, Bhopal-462033**

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**CERTIFICATE**

*This is to certify that the project entitled “Non-Instantaneous Deteriorating Items with Ramp Type Demand Rate under Inflation and LIFO Dispatching Policy – II By Warehouse Inventory Model” submitted by Bibhu kumar Pathak Student of M.Sc. Mathematics, Faculty of Science, RKDF University, Bhopal. It is a part of research work carried out by him, under my guidance and to the best of my knowledge. It has reached the standard fulfilling the requirement of the regulation relating to the fulfillment of the Master Degree in Mathematics.*

  
Dr. CBS Dang  
Prof. & Dean

  
Ms. Rakesh Kumar Choubey  
Supervisor

  
Registrar  
RKDF University



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*Dangji*  
**Dr. cbs dangi**  
**Prof. & Dean**

*RK*  
**Ms. Rakesh Kumar Choubey**  
**Supervisor**  
Registrar  
RKDF University



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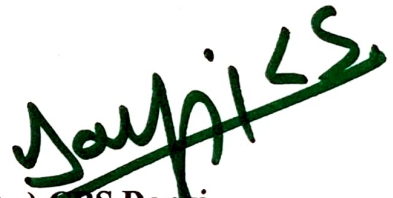
## CERTIFICATE

This is to certify that the project entitled **Warehouse Inventory Model for Non-Instantaneous Deteriorating Items with Ramp Type Demand Rate under Inflation and LIFO Dispatching Policy** – I submitted for the partial fulfillment of the requirements for the degree of Master of Science in Mathematics, at Department of Mathematics, RKDF University, Bhopal, under my guidance. The assistance and help received during the course of this investigation and source of literature have been duly acknowledged.

To the best of my knowledge, the report

- Embodies the work of the Candidate itself
- Has duly been completed.
- Fulfils the requirements of the ordinance related to the Post graduate Degree of the University.
- Is up to the desired standard for the purpose for which it is submitted

  
Mr Rakesh Choubey  
(Assistant professor)

  
Prof (Dr.) CBS Dangri  
Dean

  
Registrar  
RKDF University



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Under Section 2 (f) of UGC Act, 1956)

**CERTIFICATE**

This is to certify that the project entitled **Warehouse Inventory Model for Non-Instantaneous Deteriorating Items with Ramp Type Demand Rate under Inflation and LIFO Dispatching Policy – I** submitted for the partial fulfillment of the requirements for the degree of Master of Science in Mathematics, at Department of Mathematics, RKDF University, Bhopal, under my guidance. The assistance and help received during the course of this investigation and source of literature have been duly acknowledged.

To the best of my knowledge, the report

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- Is up to the desired standard for the purpose for which it is submitted

**Mr Rakesh Choubey**  
(Assistant professor)

**Prof (Dr.) CBS Dangi**  
Dean



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Airport Road, Gandhi Nagar, Bhopal  
(Established by M.P. Govt Act. 2007 and recognized  
Under Section 2 (f) of UGC Act, 1956)


**CERTIFICATE**

This is to certify that the project entitled **A Commentary on Modeling HIV Infection Disease Using NON Linear System of ODEs/DDEs** submitted for the partial fulfillment of the requirements for the degree of Master of Science in Mathematics, at Department of Mathematics, RKDF University, Bhopal, under my guidance. The assistance and help received during the course of this investigation and source of literature have been duly acknowledged.

To the best of my knowledge, the report

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**Mr Rakesh Choubey**  
(Assistant professor)

  
Registrar  
RKDF University  
**Prof (Dr.) CBS Dangi**  
Dean



# CERTIFICATE OF COMPLETION



**GReWS Research and Publication, BHOPAL**  
&  
**Ram Krishna Dharmarth Foundation University, Bhopal**

*This certifies that Mr/Ms. **TASH CHETWANI**..... student of ...  
**M.Sc. (Maths) IV Sem***

*Has completed the dissertation/project work  
**Title : Arithmetic Progression in the Polygonal Numbers.....**  
On*

*....**5.Jan.2022** ...Period of...**Four Months**.....*

*We wish success in his/her future endeavours*

*Danjil's*  
Dean, Faculty of Science  
RKDF University



Director, GReWS Research and Publication





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BHOPAL**

**Airport Road, Gandhi Nagar, Bhopal-462033**

**(Established by M.P. Govt Act. 2007 and recognized  
Under Section 2 (f) of UGC Act, 1956)**

**CERTIFICATE**

*This is to certify that the project entitled “**Preferential Voting using Single Transferrable Vote**” submitted by Varsha Rai Student of M.Sc. Mathematics, Faculty of Science, RKDF University, Bhopal. It is a part of research work carried out by him, under my guidance and to the best of my knowledge. It has reached the standard fulfilling the requirement of the regulation relating to the fulfillment of the Master Degree in Mathematics.*

*[Handwritten signature]*

**Prof. & Dean**

*[Handwritten signature]*

**Ms. Rakesh Kumar Choubey  
Supervisor**

**0 June 2023 3:51 pm**

# CERTIFICATE

This is to certify that this dissertation entitled, "**Optimization of new Chinese Remainder theorems using special moduli sets**" is a record of genuine work done by Mr. Pankaj Bajpai of M.Sc. Mathematics, sem. 4th in this college under my guidance and supervision and it is hereby approved for submission.



**Head of Department,  
Faculty of Science  
RKDF University  
Bhopal (M.P.) India  
462033**



Registrar  
RKDF University

# CERTIFICATE

This is to certify that this dissertation entitled, "**Optimization of new Chinese Remainder theorems using special moduli sets**" is a record of genuine work done by Mr. Pankaj Bajpai of M.Sc. Mathematics, sem. 4th in this college under my guidance and supervision and it is hereby approved for submission.



**Head of Department,  
Faculty of Science  
RKDF University  
Bhopal (M.P.) India  
462033**



Registrar  
RKDF University



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MADHYA PRADESH, INDIA -462033

**Prof. (Dr.) C.B.S. Dangi**

**HEAD**

Ref. No. /RKDF/BPT /2022/

Date: 15/01/2022

Place: Bhopal

**CERTIFICATE**

This is to certify that the project "THE EFFECTIVENESS OF PHYSIOTHERAPY IN MIDDLE CEREBRAL ARTERY STROKE PATIENT" submitted for the partial fulfillment of the requirements for the degree of Bachelor of Physiotherapy, RKDF university, Bhopal, M.P., is work carried out by **Chandan joshi** at Faculty of Paramedical, RKDF University, Bhopal.

To the best of my knowledge, the report

- Embodies the work of the Candidate itself
- Has duly been completed.
- Fulfills the requirements of the ordinance related to the under graduate Degree of the university.
- Is up to the desired standard for the purpose for which it is submitted

  
Prof. (Dr.) C.B.S. Dangi

Dean



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MADHYAPRADESH,INDIA-462033

**Prof.(Dr.)C.B.S.Dangi**

**HEAD**

Ref. No. /RKDF/BPT /2022/

Date: 18/01/2022

Place: Bhopal

**CERTIFICATE**

This is to certify that the project study for **A study of Effectiveness of Physiotherapy Interventions in non-communicating Hydrocephalus** submitted for the partial fulfillment of the requirements for the degree of Bachelor of Physiotherapy, RKDF university, Bhopal, M.P., is work carried out by **Sujit kumar singh** at Faculty of Paramedical, RKDF University, Bhopal.

To the best of my knowledge, the report

- Embodies the work of the Candidate itself
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- Fulfills the requirements of the ordinance related to the under graduate Degree of the university.
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**Prof.(Dr.)C.B.S.Dangi**

**Dean**



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Prof. (Dr.) C.B.S. Dangi

**HEAD**

Ref. No. /RKDF/BPT /2022/

Date: 18/01/2023

Place: Bhopal

## CERTIFICATE

This is to certify that the project “ ROLE OF PHYSIOTHERAPY MANAGEMENT IN BROWN SEQUARD SYNDROME” submitted for the partial fulfillment of the requirements for the degree of Bachelor of Physiotherapy, RKDF university, Bhopal, M.P., is work carried out by Sharadha Agnihotri at Faculty of Paramedical, RKDF University, Bhopal.

To the best of my knowledge, the report

- Embodies the work of the Candidate itself
- Has duly been completed.
- Fulfills the requirements of the ordinance related to the under graduate Degree of the university.
- Is up to the desired standard for the purpose for which it is submitted

*Dangi C.S.*

Prof. (Dr.) C.B.S. Dangi

Dean



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**Prof. (Dr.) C.B.S. Dangi**  
**HEAD**

Ref. No. /RKDF/BPT /2022/

Date: 19/01/2022

Place: Bhopal

**CERTIFICATE**

This is to certify that the project “**ROLE OF PHYSIOTHERAPY MANAGEMENT IN LOW BACK PAIN**” submitted for the partial fulfillment of the requirements for the degree of Bachelor of Physiotherapy, RKDF University, Bhopal, M.P., is work carried out by **NANDNI MEENA** at Faculty of Paramedical, RKDF University, Bhopal.

To the best of my knowledge, the report

- Embodies the work of the Candidate itself
- Has duly been completed.
- Fulfills the requirements of the ordinance related to the under graduate Degree of the university.
- Is up to the desired standard for the purpose for which it is submitted

*Dangi CBS*  
Prof. (Dr.) C.B.S. Dangi  
Dean



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Prof. (Dr.) C.B.S. Dangi

HEAD

Ref. No. /RKDF/BPT /2022/

Date: 15/01/2022

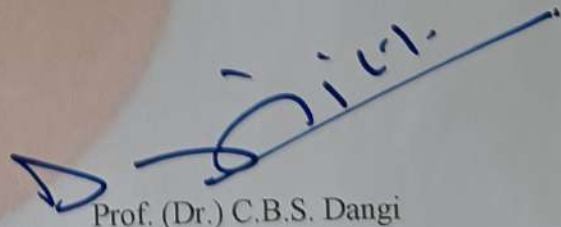
Place: Bhopal

**CERTIFICATE**

This is to certify that the project **THE ROLE OF PHYSIOTHERAPY MANAGEMENT IMPINGEMENT SYNDROME IN SHOULDER** submitted for the partial of the requirements for the degree of Bachelor of Physiotherapy, RKDF university, Bhopal, M.P., is work carried out by **ARUN KUMAR PATIL** at Faculty of Paramedical, RKDF University, Bhopal.

To the best of my knowledge, the report

- Embodies the work of the Candidate itself
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Prof. (Dr.) C.B.S. Dangi

Dean





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MADHYA PRADESH, INDIA-462033

**Prof. (Dr.) C.B.S. Dangi**  
**HEAD**

Ref. No. /RKDF/BPT /2022/

Date: 15/01/2022

Place: Bhopal

**CERTIFICATE**

This is to certify that the project “EFFECTIVENESS OF PHYSIOTHERAPY MANAGEMENT IN POST-OPERATIVE TOTAL KNEE REPLACEMENT” submitted for the partial fulfillment of the requirements for the degree of Bachelor of Physiotherapy, RKDF University, Bhopal, M.P., is work carried out by ANUBHA SAHNI at Faculty of Paramedical, RKDF University, Bhopal.

To the best of my knowledge, the report

- Embodies the work of the Candidate itself
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Prof. (Dr.) C.B.S. Dangi

Dean



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AIRPORT BYPASS ROAD, GANDHI NAGAR, BHOPAL

MADHYA PRADESH, INDIA-462033

**Prof.(Dr.) C.B.S. Dangi**

**HEAD**

**Ref. No. /RKDF/BPT /2022/**

**Date: 17/01/2023**

**Place: Bhopal**

**CERTIFICATE**

This is to certify that the project "A STUDY OF EFFECTIVENESS OF PHYSIOTHERAPY MANAGEMENT IN VARICOSE VEINS" submitted for the partial fulfillment of the requirements for the degree of Bachelor of Physiotherapy, RKDF university, Bhopal, M.P., is work carried out by RUKSAR KHAN at Faculty of Paramedical, RKDF University, Bhopal.

To the best of my knowledge, the report

- Embodies the work of the Candidate itself
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**Prof. (Dr.) C.B.S. Dangi**

**Dean**



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MADHYAPRADESH, INDIA-462033

**Prof.(Dr.)C.B.S.Dangi**  
**HEAD**

Ref. No. /RKDF/BPT /2022/

Date: 17/01/2022

Place: Bhopal

**CERTIFICATE**

This is to certify that the project submitted for the "THE ROLE OF PHYSIOTHERAPY MANAGEMENT OF POST OPERATIVE ANTERIOR CRUCIAT LIGAMENT INJURY IN COLLEGE FOOTBALL PLAYER" partial of the requirements for the degree of Bachelor of Physiotherapy, RKDF university, Bhopal, M.P., is work carried out by ADARSH KUMAR at Faculty of Paramedical, RKDF University, Bhopal.

To the best of my knowledge, the report

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Prof. (Dr.) C.B.S. Dangi

Dean



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Prof. (Dr.) C.B.S. Dangi  
HEAD

Ref. No. /RKDF/BPT /2022/

Date: 18/01/2022

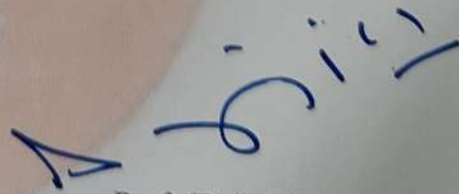
Place: Bhopal

**CERTIFICATE**

This is to certify that the project **THE ROLE OF PHYSIOTHERAPY MANAGEMENT IMPINGEMENT SYNDROME IN SHOULDER** submitted for the partial of the requirements for the degree of Bachelor of Physiotherapy, RKDF university, Bhopal, M.P., is work carried out by **ARUN KUMAR PATIL** at Faculty of Paramedical, RKDF University, Bhopal.

To the best of my knowledge, the report

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Prof. (Dr.) C.B.S. Dangi

Dean



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RKDF, UNIVERSITY**

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MADHYA PRADESH, INDIA -462033

**Prof. (Dr.) C.B.S. Dangi  
HEAD**

Ref.No. /RKDF/BPT /2022/

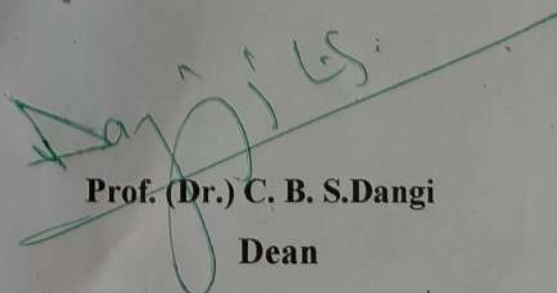
Date: 15/01/2022  
Place: Bhopal

**CERTIFICATE**

This is to certify that the project "A ROLE OF PHYSIOTHERAPY MANAGEMENT IN NEUROLOGICAL AND MUSCULOSKELETAL IMPAIRMENT IN PARKINSON'S DISEASE" submitted for the partial fulfillment of the requirements for the degree of Bachelor of Physiotherapy, RKDF university, Bhopal, M.P., is work carried out by KIRAN MEENA at Faculty of Paramedical, RKDF University, Bhopal.

To the best of my knowledge, the report

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**Prof. (Dr.) C. B. S. Dangi  
Dean**

  
Registrar  
RKDF University



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AIRPORTBYPASSROAD,GANDHI NAGAR, BHOPAL  
MADHYAPRADESH,INDIA-462033

**Prof.(Dr.)C.B.S.Dangi**  
**HEAD**

**Ref. No. /RKDF/BPT /2023**

**Date: 15/01/2023**  
**Place: Bhopal**

**CERTIFICATE**

This is to certify that the project “THE EFFECTS OF PHYSIOTHERAPY IN ACUTE STAGE OSTEOARTITIS KNEE” submitted for the partial fulfillment of the requirements for the degree of Bachelor of Physiotherapy, RKDF university, Bhopal, M.P., is work carried out by SUBHAM at Faculty of Paramedical, RKDF University, Bhopal.

To the best of my knowledge, the report

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**Prof.(Dr.) C.B.S.Dangi**

**Dean**



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MADHYA PRADESH, INDIA-462033

Prof. (Dr.) C. B. S. Dangi

HEAD

Ref. No. /RKDF/BPT /2022/

Date: 17/01/2023

Place: Bhopal

**CERTIFICATE**

This is to certify that the project "A STUDY EFFECTIVENESS OF PHYSIOTHERAPY IN STAGE CAPSULITIS FROZEN SHOULDER" submitted for the partial fulfillment of the requirements for the degree of Bachelor of Physiotherapy, RKDF university, Bhopal, M.P., is work carried out by SATYAM SINGH at Faculty of Paramedical, RKDF University, Bhopal.

To the best of my knowledge, the report

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Prof. (Dr.) C. B. S. Dangi

Dean



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MADHYA PRADESH, INDIA 462033

Prof. (Dr.) C.B.S. Dangi

**HEAD**

Ref. No. RKDF/BPT / /2022/

Date: 9<sup>th</sup>/2023

Place: Bhopal

#### CERTIFICATE

This is to certify that the project **EFFECT OF EXERCISE & MODALITIES TREATMENT IN TENNIS ELBOW** submitted for the partial fulfillment of the requirements for the degree of Bachelor of Physiotherapy, RKDF university, Bhopal, M.P., is work carried out by **ASAD GHANI** at Faculty of Paramedical, RKDF University, Bhopal.

To the best of my knowledge, the report  
Embodies the work of the Candidate itself  
Has duly been completed.

Fulfills the requirements of the ordinance related to the under graduate Degree of  
the university

Is up to the desired standard for the purpose for which it is submitted

Prof. (Dr.) C.B.S. Dangi

Dean





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AIRPORT BYPASS ROAD, GANDHI NAGAR, BHOPAL  
MADHYA PRADESH, INDIA-462033

**Prof. (Dr.) C.B.S. Dangi**  
**HEAD**

Ref. No. /RKDF/BPT /2022/

Date: 7/10/2022

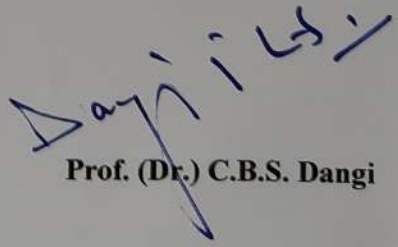
Place: Bhopal

**CERTIFICATE**

This is to certify that the project “**EFFECT OF EXERCISE IN CLAVICLE FRACTURE**” submitted for the partial fulfillment of the requirements for the degree of Bachelor of Physiotherapy, RKDF University, Bhopal, M.P., is work carried out by **ISHA NAGAR** at Faculty of Paramedical, RKDF University, Bhopal.

To the best of my knowledge, the report

- Embodies the work of the Candidate itself
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- Fulfills the requirements of the ordinance related to the under graduate Degree of the university.
- Is up to the desired standard for the purpose for which it is submitted

  
Prof. (Dr.) C.B.S. Dangi

Dean



**FACUTLY OF PARAMEDICAL,**

**RKDF, UNIVERSITY**

AIRPORT BY PASS ROAD, GANDHI NAGAR,  
BHOPALMADHYA PRADESH, INDIA -462033

**Prof. (Dr.) C.B.S. Dangi** HEAD

Ref. No.

/RKDF/BPT /2023/

Date: 18 / 01 / 2023

Place: Bhopal

**CERTIFICATE**

This is to certify that the project "ROLE OF PHYSIOTHERAPY IN PROXIMAL TIBIAL FRACTURE" submitted for the partial fulfillment of therequirements for the degree of Bachelor of Physiotherapy, RKDF university, Bhopal, M.P., is work carried out by VEENU BHARANI at Faculty of Paramedical, RKDF University, Bhopal.

To the best of my knowledge, the report

- Embodies the work of the Candidate itself
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- Fulfills the requirements of the ordinance related to the under graduate Degree of the university.
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A handwritten signature in blue ink, appearing to read 'Dangi', with a long horizontal line extending to the right.

**Prof. (Dr.) C.B.S. Dangi**

Dean

Registrar  
RKDF University



**FACUTLY OF PARAMEDICAL,**

**RKDF, UNIVERSITY**

AIRPORT BY PASS ROAD, GANDHI NAGAR,  
BHOPALMADHYA PRADESH, INDIA 462033

**Prof. (Dr.) C.B.S. Dangi** HEAD

Ref. No.

/RKDF/BPT /2022/

Date: 15 / 01 / 2022

Place: Bhopal

**CERTIFICATE**

This is to certify that the project "ROLE OF PHYSIOTHERAPY IN PROXIMAL TIBIAL FRACTURE" submitted for the partial fulfillment of therequirements for the degree of Bachelor of Physiotherapy, RKDF university, Bhopal, M.P., is work carried out by VEENU BHARANI at Faculty of Paramedical, RKDF University, Bhopal.

To the best of my knowledge, the report

- Embodies the work of the Candidate itself
- Has duly been completed.
- Fulfills the requirements of the ordinance related to the under graduate Degree of the university.
- Is up to the desired standard for the purpose for which it is submitted

**Prof. (Dr.) C.B.S. Dangi**

Dean

Registrar  
RKDF University



**FACUTLY OF PARAMEDICAL,**

**RKDF, UNIVERSITY**

AIRPORT BY PASS ROAD, GANDHI NAGAR,  
BHOPALMADHYA PRADESH, INDIA 462033

**Prof. (Dr.) C.B.S. Dangi** HEAD

Ref. No.

/RKDF/BPT /2022/

Date: 18 / 01 / 2022

Place: Bhopal

**CERTIFICATE**

This is to certify that the project "ROLE OF PHYSIOTHERAPY IN PROXIMAL TIBIAL FRACTURE" submitted for the partial fulfillment of the requirements for the degree of Bachelor of Physiotherapy, RKDF university, Bhopal, M.P., is work carried out by VEENU BHARANI at Faculty of Paramedical, RKDF University, Bhopal.

To the best of my knowledge, the report

- Embodies the work of the Candidate itself
- Has duly been completed.
- Fulfills the requirements of the ordinance related to the under graduate Degree of the university.
- Is up to the desired standard for the purpose for which it is submitted

**Prof. (Dr.) C.B.S. Dangi**

Dean

Registrar  
RKDF University



**FACUTLY OF PARAMEDICAL,  
RKDF, UNIVERSITY**

AIRPORT BYPASS ROAD, GANDHI NAGAR, BHOPAL  
MADHYAPRADESH, INDIA-462033

Prof. (Dr.) C. B. S. Dangi

HEAD

Ref. No. /RKDF/BPT /2023/

Date: 19/04/2023

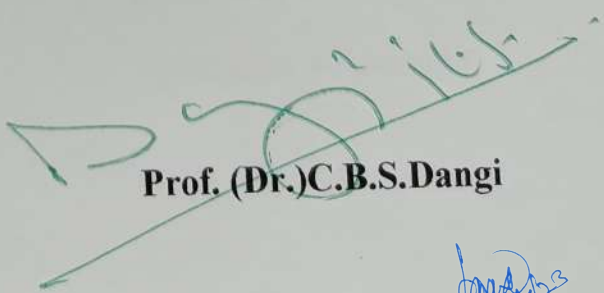
Place: Bhopal

**CERTIFICATE**

This is to certify that the project "THE EFFECTIVENESS OF PHYSIOTHERAPY IN ANKYLOSING SPONDYLITIS IN CERVICO THORACIC SPINE" submitted for the partial fulfillment of the requirements for the degree of Bachelor of Physiotherapy, RKDF university, Bhopal, M.P., is work carried out by ARUN PATIL at Faculty of Paramedical, RKDF University, Bhopal.

To the best of my knowledge, the report

- Embodies the work of the Candidate itself
- Has duly been completed.
- Fulfills the requirements of the ordinance related to the under graduate Degree of the university.
- Is up to the desired standard for the purpose for which it is submitted

  
Prof. (Dr.) C. B. S. Dangi

Registrar  
of University  
Dean



**FACUTLY OF PARAMEDICAL,  
RKDF, UNIVERSITY**

AIRPORT BYPASS ROAD, GANDHI NAGAR, BHOPAL

MADHYA PRADESH, INDIA - 462033

**Prof. (Dr.) C. B. S. Dangi**

**HEAD**

Ref. No. /RKDF/BPT /2022/

Date: 18/01/2023


Place: Bhopal

**CERTIFICATE**

This is to certify that the project "ROLE OF EXERCISE IN EARLY STAGE OF RHEUMATOID ATHRITIS OF HAND" submitted for the partial fulfilment of the requirements for the degree of Bachelor of Physiotherapy, RKDF university, Bhopal, M.P., is work carried out by DEV CHOUDHARY at Faculty of Paramedical, RKDF University, Bhopal.

To the best of my knowledge, the report

- Embodies the work of the Candidate itself
- Has duly been completed.
- Fulfils the requirements of the ordinance related to the under graduate Degree of the university.
- Is up to the desired standard for the purpose for which it is submitted

  
Prof. (Dr.) C. B. S. Dangi

Registrar  
RKDF University

**Dean**



**FACULTY OF PARAMEDICAL,**

**RKDF , UNIVERSITY**

AIRPORTBYPASSROAD,GANDHI NAGAR, BHOPAL MADHYAPRADESH,INDIA-462033

Prof.(Dr.)C.B.S.Dangi  
HEAD

Place: Bhopal

Date: 18/01/2023

Ref. No. /RKDF/BPT /2023/

CERTIFICATE

This is to certify that the project "A CASE STUDY OF EFFECTIVENESS OF PHYSIOTHERAPY IN CONSERVATIVE MANAGEMENT OF SHOULDER DISLOCATION "submitted for the partial fulfillment of the requirements for the degree of Bachelor of Physiotherapy, RKDF university, Bhopal, M.P., is work carried out by MOHD RAFAQEUE at Faculty of Paramedical, RKDF University, Bhopal.  
To the best of my knowledge, the report

Embodies the work of the Candidate itself

- Has duly been completed.
- Fulfills the requirements of the ordinance related to the under graduate Degree of the university.
- Is up to the desired standard for the purpose for which it is submitted

*Dr. C.B.S.Dangi*

✓

Prof.(Dr.)C.B.S.Dangi

Dean

Registrar  
RKDF University



**FACUTLY OF PARAMEDICAL,  
RKDF, UNIVERSITY**

AIRPORT BYPASS ROAD, GANDHI NAGAR, BHOPAL

MADHYAPRADESH, INDIA-462033

**Prof.(Dr.)C.B.S.Dangi  
HEAD**

Ref. No. /RKDF/BPT /2022/

Date: 18/01/2023

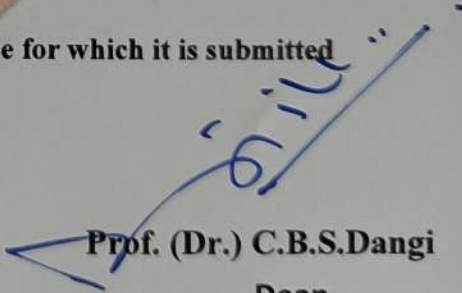
Place: Bhopal

**CERTIFICATE**

This is to Certify That the project "THE ROLE OF CHEST PHYSIOTHERAPY IN CHRONIC BRONCHITIS" Submitted for the partial fulfillment of the requirements for the degree of Bachelor of Physiotherapy, RKDF university, Bhopal, M.P., is work carried out by ABHISHEK SAMUEL at Faculty of Paramedical, RKDF University, Bhopal.

To the best of my knowledge, the report

- Embodies the work of the Candidate itself
- Has duly been completed.
- Fulfills the requirements of the ordinance related to the under graduate Degree of the university.
- Is up to the desired standard for the purpose for which it is submitted

  
Prof. (Dr.) C.B.S.Dangi  
Dean

  
Registrar  
RKDF University





# FACUTLY OF PARAMEDICAL RKDF, UNIVERSITY

AIRPORT BYPASS ROAD, GANDHI NAGAR, BHOPAL  
MADHYAPRADESH, INDIA-462033

Prof. (Dr.) C. B. S. Dangi

HEAD

Ref. No. /RKDF/BPT /2022/

Date: 18/01/2022

Place: Bhopal

## CERTIFICATE

This is to certify that the project "ROLE OF PHYSIOTHERAPY MANAGEMENT IN BROWN SEQUARD SYNDROME" submitted for the partial fulfillment of the requirements for the degree of Bachelor of Physiotherapy, RKDF university, Bhopal, M.P., is work carried out by Sharadha Agnihotri at Faculty of Paramedical, RKDF University, Bhopal.

To the best of my knowledge, the report

- Embodies the work of the Candidate itself
- Has duly been completed.
- Fulfills the requirements of the ordinance related to the under graduate Degree of the university.
- Is up to the desired standard for the purpose for which it is submitted

*Dangi C.S.*

Prof. (Dr.) C. B. S. Dangi

Dean

# ULTRA LIGHT Technology

Ref. ULT/HR/PU/2150

Date:30-09-2021

## TO WHOM TO EVER IT MAY CONCERN

This is certificated that ADITI MALVIYA (0510MBA20PG064) from RKDF University, Bhopal (M.P.) has been associated with *ULTRA LIGHT TECHNOLOGY* for 45 days during in the month 15-June-2021 to 30-July-2021 as a Trainee. During her tenure with us, she has been a sincere and responsible candidate. she has undergone through following aspect of TRAINING AND DEVELOPMENT.

We wish him good luck in all her bright future endeavors.



H.R. Manager  
M/s. ULTRA LIGHT TECHNOLOGY  
(POOJA SINGH)



ULTRA LIGHT  
TECHNOLOGY



Program Coordinator  
M/s. ULTRA LIGHT TECHNOLOGY  
(Vijay Ahirwar)

Bhopal – B-68, 303, Siddhartha Apartment, Kasturba Nager, Bhopal, MP, INDIA, 462022.

Contact – 9981541044, Email id – ultbhopal@gmail.com

Reed. Office: # NH-86. Chandra Shaker Marz. Vidisha (M.P.). 462001.

Registrar  
RKDF University

# **RKDF COLLEGE OF TECHNOLOGY & RESEARCH**

**Department of Management**



## **CERTIFICATE OF APPROVAL**

The Industrial Training Report on RENEWAL ENERGY being submitted by  
NAME:- TULIKA KHANDVE Enrollment No:-0513MBA20PG008  
has been examined by us and is hereby approved for award of " **MASTER  
OF BUSINESS ADMINISTRATION** " for which it has been submitted. It is  
understood that by this approval the undersigned do not necessary  
endorse or approve any statement made, opinion expressed or  
conclusion drawn therein, but approve the report only for the purpose for  
which it has been submitted.

  
(Internal Examiner)

  
(External Examiner)

  
Registrar  
RKDF University

# RKDF COLLEGE OF TECHNOLOGY & RESEARCH

## Department of Management



### CERTIFICATE OF APPROVAL

The Industrial Training Report on RENEWAL ENERGY being submitted by  
NAME:- AARTEE DHOTE Enrollment No:-0513MBA20PG009  
has been examined by us and is hereby approved for award of " **MASTER  
OF BUSINESS ADMINISTRATION** " for which it has been submitted. It is  
understood that by this approval the undersigned do not necessary  
endorse or approve any statement made, opinion expressed or  
conclusion drawn therein, but approve the report only for the purpose for  
which it has been submitted.


(Internal Examiner)

(External Examiner)

## CERTIFICATE

This is to certify that the project entitled " ADVERTISING MANAGEMENT" has been prepared by **Syed khawar** in partial fulfillment of the requirement for the award of " Bachelor of Business Administration" from RKDF University has been carried out under my supervision and guidance.

Under the guidance of

  
HOD  
Dr. GS Lodhi



We understand your world

Ground Floor, Plot No. 45, City Centre, , Gwalior - 474011, Madhya Pradesh  
Contact: Tel: 0751-4015002, Fax: 0751-4015005, Website – [www.hdfcindia.com](http://www.hdfcindia.com)

18/10/2021

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Ms. **Shruti Shrivastava**, student of MBA from **BHABHA College of Engineering, Bhopal**, has successfully completed her internship program during the period from 16/08/2021 to 15/10/2021.

Her performance during the training was very good. We take this opportunity to wish her good luck for future endeavors.

A handwritten signature in black ink, appearing to be "Shruti Shrivastava", written over a horizontal line.

Authorized signatory

(For HDFC Bank)

JBTPP/P&A/T&D/2021

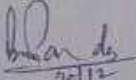
Date: 20 Dec

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Shri Mahendra Singh Thakur, student of RKDF Technology & Research, Bhopal (M.P.) has undergone industrial training from to 15.12.2021 at Jaypee Bina Thermal Power Plant, Bina (M.P.).

During the training period his performance and conduct was good.

We wish him all the success for his future.

  
BK Panda  
Sr. VP (P&A)



**Bina Office :** Rajiv Nagar, Sub Post Office-Agasod, Post Off  
Tehsil Bina, Distt. Sagar (M.P.) Ph. : +91 (7580) 277101-0  
**Corp. Office :** 'JA House', 63, Basant Lok, Vasant Vihar, New  
Ph. : +91 (11) 49828500 Fax : +9  
**Regd. Office :** Complex of Jaypee Nigrie Super Thermal Power P  
Distt. Singrauli 486669, (M.P.) Ph. : +91 (7801) 286021-3  
E-mail : jpvf.investor@jaiindia.co.in, Website : w  
**CIN :** L40101MP1994PLC042920

  
Registrar  
RKDF University

**RKDF COLLEGE OF TECHNOLOGY & RESEARCH**  
**Department of Management**

**CERTIFICATE OF APPROVAL**

The Industrial Training Report on 'Analysis on Human Resource Management and Accounting Ratios of New India Powder Coating' being submitted by NAME: **Khizar Saeed Khan**. Enrollment No: **0513MBA20PG036** has been examined by us and is hereby approved for award of "**Masters of Business Administration**" for which it has been submitted. It is understood that by this approval the undersigned do not necessarily endorse or approve any statement made, opinion expressed or conclusion drawn therein, but approve the report only for the purpose for which it has been submitted.



(Internal Examiner)



(External Examiner)



**TO WHOM SO EVER IT MAY CONCERN**

**CERTIFICATE**

This is to certify that **Heera Uikey** has completed project in our organization.  
The period is from 1<sup>st</sup> July to 16<sup>th</sup> August 2021.

For **Bharti Airtel Limited**

  
Authorized Signatory  
AMIT SINGH  
Manager  
BHARTI AIRTEL LIMITED  
BHOPAL

**Bharti Airtel Limited**

Plot No.1, Roshanpura Rd, Malviya Nagar, Bhopal, Madhya Pradesh, 462003  
Tel. : 0755 420 0460

A SUMMER  
TRAINING  
PROJECT REPORT  
ON

**“ROLE OF BRANDING & ADVERTISEMENT  
IN MARKETING OF STEEL INDUSTRIES”**

IN PARTIAL FULFILLMENT OF MASTER OF BUSSINESS  
ADMINISTRATION (MBA)  
DEGREE FROM RKDF UNIVERSITY –BHOPAL  
SESSION: 2020-2022



**SUPERVISED BY:**  
DR.G.S.LODHI  
HOD

*Shraddha Tiwari*  
**SUBMITTED BY:**  
SHRADDHA TIWARI  
ENROLLMENT NO.  
0510MBA20PG065

**RKDF UNIVERSITY AIRPORT BY PASS ROAD GANDHI NAGAR  
BHOPAL 462033 MADHYA PRADESH INDIA**

**A SUMMER  
TRAINING  
PROJECT REPORT  
ON**

**“ROLE OF BRANDING & ADVERTISEMENT  
IN MARKETING OF STEEL INDUSTRIES”**

**IN PARTIAL FULFILLMENT OF MASTER OF BUSSINESS  
ADMINISTRATION (MBA)  
DEGREE FROM RKDF UNIVERSITY –BHOPAL  
SESSION: 2020-2022**



**SUPERVISED BY:  
DR.G.S.LODHI  
HOD**

**SUBMITTED BY:  
AKHILESH VERMA  
ENROLLMENT NO.  
0510MBA20PG033**

**RKDF UNIVERSITY AIRPORT BY PASS ROAD GANDHI NAGAR  
BHOPAL 462033 MADHYA PRADESH INDIA**

DEPARTMENT OF MANAGEMENT



RKDF UNIVERSITY, BHOPAL

MADHYA PRADESH

Project Report

On

“Marketing”

Submitted in partial fulfillment of  
the requirement for the award of degree of  
Bachelor in business administration

UNDER THE GUIDANCE OF  
Dr. FARHA KHAN

SUBMITTED BY  
SANJEEV CHOUDHARI  
BBA (FINAL YEAR)  
1523BBA19GT026  
BATCH:- 2019-22

H.O.D.  
Dr. G.S. LODHI

**DEPARTMENT OF MANAGEMENT**



**RKDF UNIVERSITY, BHOPAL  
MADHYA PRADESH**

**Project Report**

**On**

**" Marketing"**

**(Coco-cola)**

**Submitted in partial Fulfilment of  
the requirement for the award of degree of  
Bachelor in Business Administration**

**Under the Guidance Of**

**DR. FARHA KHAN**

**Submitted By**

**ABEER PATEL**

**BBA (Final Year)**

**Batch: 2019-22**

## CERTIFICATE

This is certify that the Project entitled "**Marketing**" has been prepared by **Farhan Khan** in partial fulfillment of the requirement for the award of "**Bachelor Of Business Administration**" from **RKDF UNIVERSITY** has been carried out under my supervision and guidance and that on part of report has been submitted for the award of other Degree .

*FKhan*

**Under the Guidance Of**

**DR. FARHA KHAN**



**RKDF COLLEGE OF TECHNOLOGY & RESEARCH**  
(Approved by AICTE & Govt. of MP, affiliated to RKDF University)

**CERTIFICATE OF APPROVAL**

*The summer training project on "RENEWAL ENERGY" being submitted by Himanshi More, 0513MBA20PG029 has been examined by us and is hereby approved for award of Master in Business Administration for which it has been submitted it is understood that by this approval the undersigned do not necessary endorse or approve any statement made, opinion expressed or conclusion drawn therein, but approve the report only for the purpose for which it has been submitted.*

  
(Internal Examiner)

  
(External Examiner)

DEPARTMENT OF MANAGEMENT



RKDF UNIVERSITY, BHOPAL  
MADHYA PRADESH

Project Report

On

**"Human Resource"**

**Awareness and effective utilization of ESI benefits**

Submitted for the partial fulfillment of  
the requirement for the award of degree of  
Bachelor in Business Administration

UNDER THE GUIDANCE OF:  
**DR. FARHA KHAN**

H.O.D.  
**DR. G.S. LODHI**

Submitted By  
**SUBUR KHAN**  
BBA (Final Year)  
Enrollment No. 1523BBA19GT061  
Batch - 2019-21



**DEPARTMENT OF MANAGEMENT**



**RKDF UNIVERSITY, BHOPAL**

**MADHYA PRADESH**

**Project Report**

**On**

**“Human Resource”**

**Submitted in partial fulfillment of  
the requirement for the award of degree of  
Bachelor in business administration**

**UNDER THE GUIDANCE OF  
Dr. FARHA KHAN**

**SUBMITTED BY  
DANISH ZAFAR  
BBA (FINAL YEAR)  
1523BBA19GT007  
BATCH:- 2019-22**

**H.O.D.  
Dr. G.S. LODHI**

A  
WINTER TRAINING  
PROJECT REPORT  
"TRAINING AND DEVELOPMENT"



SUBMITTED FOR THE PARTIAL FULFILLMENT OF  
THE REQUIREMENT FOR THE AWARD OF THE  
BACHELOR OF BUSINESS ADMINISTRATION

SUBMITTED TO :-

DR. G.S. LODHI

SUBMITTED BY :-

DIVYA DHAKAL  
BBA - 5th SEM  
1523BBA19GT049



RAM KRISHAN DHARMARTH FOUNDATION UNIVERSITY,  
BHOPAL MP-462033  
SESSION 2019-2021

A  
Project Report on  
Analysis of effect of Industrial relation on the quality of life of Workmen  
Undertaken at  
Heavy Engineering Corporation Limited, Ranchi

एच.ई.सी.



SUBMITTED FOR THE PARTIAL FULFILLMENT OF THE  
REQUIREMENT FOR THE AWARD OF THE  
BACHELOR OF BUSINESS ADMINISTRATION

FROM  
RKDF UNIVERSITY, BHOPAL

**SUBMITTED TO: -**

DR. G.S. LODHI

**SUBMITTED BY: -**

CHHAVI GUPTA  
BBA - 6<sup>TH</sup> SEM  
1523BBA19GT048



RAM KRISHAN DHARMARTH FOUNDATION UNIVERSITY,  
BHOPAL MP - 462033  
SESSION -2019 - 2022

Project Report

on

**RURAL MARKETING STRATEGIES OF NESTLE MAGGI NOODLES**

Submitted for the partial fulfilment of the  
requirement for the award of the  
Bachelor of Business Administration (BBA)

From

RKDF University, Bhopal



Submitted To:

Dr. Farha Khan

Submitted By:

VICKY KUMAR

BBA Vith Sem

15238BA19GT068

RAM KRISHANDHARMARTH FOUNDATION UNIVERSITY,

Bhopal, (MADHYAPRADESH)-462033

SESSION:2019-2022

**A**  
**Winter Training**  
**Project Report**  
**on**  
**"IMPACT OF SOCIAL MEDIA AND DIGITAL MARKETING"**

**Submitted for the partial fulfillment of the**  
**requirement for the award of the**  
**Bachelor of Business Administration (BBA)**

**From**  
**RKDF University, Bhopal**



**Submitted To:**  
**Dr. Farha Khan**

**Submitted By:**  
**Aishwarya Goswami**  
**BBA Vth Sem**  
**1523BBA19GT053**

**RAM KRISHAN DHARMARTH FOUNDATION UNIVERSITY,**  
**BHOPAL, (MADHYA PRADESH)-462033**

**SESSION: 2019-2021**

A  
WINTER TRAINING  
PROJECT REPORT  
“RECRUITMENT AND SELECTION”

AT



SUBMITTED FOR THE PARTIAL FULFILLMENT OF THE  
REQUIREMENT FOR THE AWARD OF THE BACHELOR OF  
BUSINESS ADMINISTRATION

FROM

RKDF UNIVERSITY, BHOPAL

SUBMITTED TO :-

DR. FARHA KHAN

SUBMITTED BY :-

CHHAVI GUPTA  
BBA – 5<sup>th</sup> SEM  
1523BBA19GT048



RAM KRISHAN DHARMARTH FOUNDATION UNIVERSITY,  
BHOPAL MP – 462033  
SESSION – 2019-2021

*Dr. B.P. Chauria*  
M.B.B.S., D. Orth.  
Ortho Specialist  
Reg. No. 7275



Add. : Rateda Road, Amla  
Dist. Betul (M.P.) 460551  
Resi. : 07147-285411  
Mob. : 9425402220  
email\_bchauria123@gmail.com

Date : .....

DATE-03/09/2021

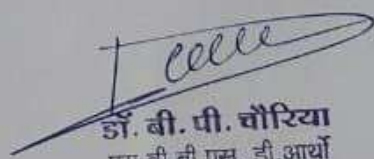
TO WHOMEVER IT MAY CONCERN

This is to certify that **Miss. Fiza khan (Roll No. 0510MBA20PG083)** from RKDF university Bhopal was associated our office at Amla, dist Betul for six weeks from 15 July 2021 to 30 August 2021 as a Hospital Management student trainee. During her tenure with us, she has been a sincere and responsible candidate. She has udergone following aspects of hospital administration.

- Health Management.
- Fundamental of Healthcare Administration.
- Hospital Planning.
- Hospital Administration.
- EHR Record security and controls.

We wish her good luck in all her future endeavors.

**Optional Note :** Owing to high covid cases in July - August duration, the association was held online on zoom meets.

  
डॉ. बी. पी. चौरिया  
एम.बी.बी.एस., डी.आर्थो  
अस्थि रोग सर्जन  
आमला जि.बेतूल  
रजि. नं. 7275

A  
Summer Training Project Report  
On The Topic

**"Sales & Marketing Strategies of  
Business Solutions"**



**SESSION 2020-2022**

Submitted to:  
Dr G S Lodhi  
HOD

Submitted by:  
Abhay kumar  
0510MBA20PG067

**VEDICA INSTITUTE OF TECHNOLOGY  
RKDF UNIVERSITY BHOPAL  
SESSION 2020-2022**




Date: 30-07-21

To:  
Hinduja Global Solutions Ltd.  
Pune

Dear Sir,

TO WHOM TO EVER IT MAY CONCERN

This is certificated that Roshni Pawar (0510MBA20PG039) from Radhakrishnan Dharmarth Foundation University Bhopal (M.P.) has been associated with Hinduja Global Solutions for 45 days during in the month 15th June to 30 July 2021 as a Trainee. During her tenure with us, she has been a sincere and responsible candidate. she has undergone through following aspect of REQUIREMENT AND SELECTION PROCESS.

  
Yours Sincerely,

Employee Name : Roshani Pawar

Employee id : 232258

Location : Pune

Personal email ID : roshnipawar21822@gmail.com

Mobile Number : 9687622352

Address for correspondence : 96/ Jansahani Wazal, Pawar

Chauk Betul Bazar, Betul M.P.

Near Karmal school. 460004

**"TRAINING & DEVELOPMENT"**

*A SUMMER TRAINING REPORT ON*

*submitted in partial fulfillment of the requirements for*

*The award of the degree of*

**MASTER OF BUSINESS ADMINISTRATION**

**(MBA)**

Submitted to

**RAM KRISHNA DHARMARTH FOUNDATION UNIVERSITY**

**BHOPAL (M.P.)**



Submitted by

**MD SHAKEEL KHAN**

**Roll No. 0511MBA20PG052**

**SEMESTER-3RD**

Under the guidance of

**DR.G.S.LODHI**

**PRO & HEAD**



**DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION**

**SRI SATYA SAI COLLEGE OF ENGINEERING**

**BHOPAL (M.P.)**

**DEC-2021**

A  
Summar Training  
Project Report  
On  
**“Hospital Management System”**

Submitted for the partial fulfillment of  
Master of Business Administration (MBA)  
Degree of RKDF University Bhopal (U.T.D.)



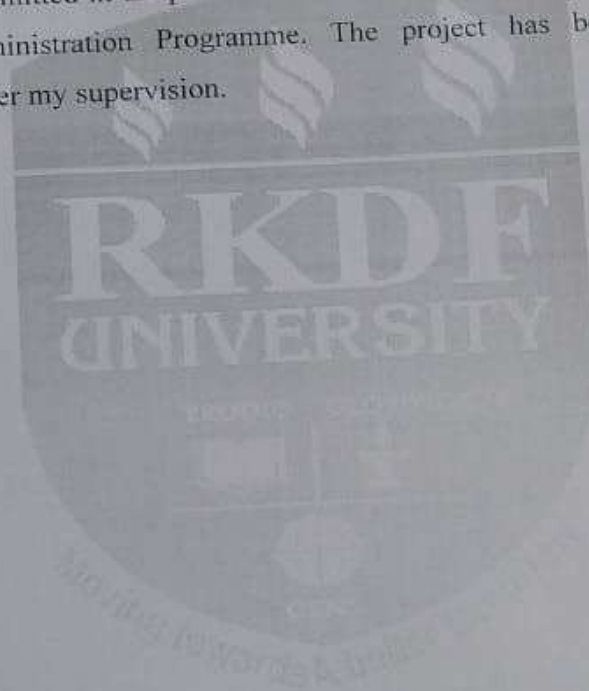
Supervised To :  
Dr. FARHA KHAN

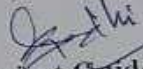
Submitted By:  
MD SHARFUDDIN HAIDER  
MBA III SEM  
0511MBA20PG051

SRI SATYA SAI COLLEGE OF ENGINEERING  
RAM KRISHAN DHARMARTH FOUNDATION UNIVERSITY,  
BHOPAL, (MADHYA PRADESH)-462033  
SESSION : 2020-2022

## CERTIFICATE

This is to certify that **ROSHNI PAWAR** student of MBA has undertaken a project on "**CUSTOMER SATISFACTION AT HINDUJA GLOBAL SOLUTION LIMITED**" submitted in the partial fulfillment for the requirement of Master of Business Administration Programme. The project has been successfully completed under my supervision.



  
Project Guide  
**Dr.G.S. Lodhi**  
(HOD)

A  
Summer Training  
Project Report  
On

**International Transport**

Submitted for the partial fulfillment of  
Master of Business Administration (MBA)  
Degree from RKDF University, Bhopal (U.T.D.)



Supervised To:  
DR. FARHA KHAN

Submitted By:  
MR, IRFAN AHMAD KHAN  
MBA  
0511MBA20PG024

**RAM KRISHNA DHARMARTH FOUNDATION UNIVERSITY.  
BHOPAL, (MADHYA PRADESH)-462033**

A  
Summer Training  
Project Report  
On

**Job Satisfaction Level of Employees in Bharti Airtel Limited**

Submitted for the partial fulfillment of  
Master of Business Administration (MBA)  
Degree of RKDF University, Bhopal (U.T.D.)



Supervised By:  
**Dr. G.S. Lodhi**

Submitted By:  
**Jyoti Barode**  
MBA Semester III  
0510MBA20PG042

Vedica Institute of Technology  
RAM KRISHNA DHARMARTH FOUNDATION UNIVERSITY,  
BHOPAL, (MADHYA PRADESH) – 462033  
SESSION : 2020-2022

**TO WHOM SO EVER IT MAY CONCERN**

**CERTIFICATE**

This is to certify that **Mr. Vikas Choudhary** has completed his summer project on our organization. The period is from 1<sup>st</sup> July to 16<sup>th</sup> August 2021.

He is hardworking and sincere. We wish him all the best for his future.

For **HDFC Mutual Fund**

Authorized Signatory

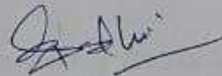
*Ankit Saxena*  
Manager - HDFC Mutual Fund

**HDFC MUTUAL FUNDS**

Ranjit Tower, Plot No 8, Service Road, Zone-II, Maharana Pratap Nagar, Bhopal-462011  
Tel. : 0755 428 5385, [www.hdfcfund.com](http://www.hdfcfund.com)

## CERTIFICATE

This is to certify that **Manisha baderia** student of MBA has undertaken a project on "**DIGITAL MARKETING**" submitted in the partial fulfillment for the requirement of Master of Business Administration Programme. The project has been successfully completed under my supervision.



**Project Guide**  
**Dr. G.S. LODHI**  
**(H.O.D )**





## TO WHOM IT MAY CONCERN

This is to certify that Mr. **KHALIL BASHA MOHAMMAD** has completed his project in our organization. The period is from September 2021 To November 2021  
He/She is hardworking and sincere. We wish him all the best for his / her future

A handwritten signature in blue ink, appearing to read 'S. S. S.', positioned above the printed name of the authorized signatory.

**Bajaj Finance Ltd**  
Authorized signatory



TO WHOM SO EVER IT MAY CONCERN

CERTIFICATE

This is to certify that **Mr. Rinkoo Sharma** has completed his summer project on our organization. The period is from 1<sup>st</sup> July to 16<sup>th</sup> August 2021.

He is hardworking and sincere. We wish him all the best for his future.

For ITC Limited

  
Authorized Signatory

Amit Pallwal  
Manager - ITC Limited

**ITC Limited**

2nd Floor, Plot No. 8, Ranjeet Tower, Zone-II, M.P. Nagar, Bhopal - 462011



एन सी एल  
NCL

[www.questionpapershub.com/free-job-alert](http://www.questionpapershub.com/free-job-alert)

## TO WHOM IT MAY CONCERN

This is to certify that Mr. **SHIVAM GUPTA** has completed his project in or organization. The period is from September 2021 To November 2021  
He/She is hardworking and sincere. We wish him all the best for his / her futur


  
General Manager NCL  
Signatory



## TO WHOMEVER IT MAY CONCERN

This is to certify that **Neeraj Singh Kushwaha (Enrollment No. 0511MBA20PG088)** from RKDF University Bhopal was associated with our office at **Jhumerati Bhopal** for six weeks from 15 July to 30 August 2021 as a Sales Management student trainee. During his tenure with us, he has been a sincere and responsible candidate. He has undergone following aspects of Marketing Management:-

- Products Planning
- Manufacturing.
- Distributing.

For VIOM ENTERPRISES  
  
Proprietor

## VIOM ENTERPRISES

Plot No. 302,303, Jumerati, Bhopal-462001 (Madhya Pradesh)  
Mob-6260897702  
Email-viom.enterprises1@gmail.com



सेंट्रल बैंक ऑफ़ इंडिया  
Central Bank of India

1911 से आपकी सेवा "CENTRAL" TO YOU SINCE 1911

## TO WHOM-SO-EVER IT MAY CONCERN

This is to certify that Mr. *PRIYA SONI* has completed his project in our organization. The period is from September 2021 To November 2021.

He/She is hardworking and sincere. We wish him all the best for his / her future.

Authorized Signatory

MAIL:- [smtbk2@centralbank.co.in](mailto:smtbk2@centralbank.co.in) Tel.: 0755 – 2674030



**RKDF UNIVERSITY**

Airport Bypass Road, Gandhi Nagar, Bhopal 462033 (M.P.) - India  
\*Established under M.P. - Govt. Act and Registered with UGC, under Act 2(F) 1956\*  
Website: <http://www.rkdf.ac.in> Email: [info@rkdf.ac.in](mailto:info@rkdf.ac.in)

**IMPACT OF EMPLOYEES WELFARE POLICIES ON  
THE EMPLOYEES WORK PERFORMANCE: A CASE  
STUDY OF THOMAS COOK INDIA LIMITED,  
MUMBAI**

Under the supervision of

Dr. G.S. Lodhi  
Dr. Vikash Mathur  
Dr. Farah Khan

**DISSERTATION REPORT SUBMITTED TO  
RAM KRISHNA DHARMARTH FOUNDATION UNIVERSITY  
IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR  
THE AWARD OF  
MASTERS OF BUSINESS ADMINISTRATION (MBA)**

**STUDENT NAME : Ruchi Tripathi  
ENROLLMENT NUMBER : 0511MBA20PG035**

A  
SUMMER TRAINING  
PROJECT REPORT  
ON  
**" Marketing Strategies & promotional activities of Coca-Cola "**

SUBMITTED FOR THE PARTIAL FULFILLMENT  
OF  
MASTER OF BUSINESS ADMINISTRATION  
DEGREE OF RKDF UNIVERSITY BHOPAL (U.T.D)



SUPERVISED TO:

1. DR. G.S.LODHI
2. DR. FARHA KHAN
3. DR. VIKAS MATHUR

SUBMITTED BY :

VIVEK RAI  
MBA 3<sup>RD</sup> SEM  
(0511MBA20PG019)

SRI SATYA SAI COLLEGE OF ENGINEERING  
RAMKRISHAN DHARMARTH FOUNDATION UNIVERSITY  
BHOPAL( MADHYA PRADESH) ,462033

SESSION:2020-2022

A  
MAJOR PROJECT  
REPORT  
ON  
**"RENEWAL ENERGY"**

Submitted for the partial fulfillment of Master of Business

Administration (MBA)

Degree of RKDF University, Bhopal (U.T.D.)



Supervised by :  
Dr. G.S. Lodhi

Submitted by :  
Mohd. Zakauallah  
MBA – III Sem  
0511MBA20PG018

Sri Satya Sai College of Engineering  
RKDF University, Bhopal (Madhya Pradesh) – 462033  
Session - 2020-22



A  
Summer Training Project Report  
On

“EVOLUTION OF HR FROM PERFORMANCE  
MANAGEMENT TO TALENT MANAGEMENT TO  
KNOWLEDGE MANAGEMENT”



A report submitted in the partial fulfilment of the  
Requirement for the degree of

MASTER OF BUSINESS ADMINISTRATION  
(2020-2022)

**Supervised by:**

1. DR. G.S. LODHI
2. DR. VIKASH MATHUR
3. DR. FARHA KHAN

**Submitted by:**

RK RAKESH SINGH  
MBA III SEM  
0511MBA20PG020

SRI SATYA SAI COLLEGE OF ENGINEERING,  
RAM KRISHNA DHARMARTH FOUNDATION UNIVERSITY, BHOPAL (M.P.)

A  
Summer Training  
Project Report

On  
"WORKING CAPITAL MANAGEMENT"

Submitted for the partial fulfillment of  
Master of Business Administration (MBA)  
Degree of RKDF University Bhopal (U.T.D)



Supervised By :  
Dr. Farha Khan

Submitted By :  
Roshani Ghawri  
MBA 3<sup>rd</sup> Sem  
0511MBA20PG015

Sri Satya Sai College Of Engineering  
RAM KRISHNA DHARMARTH FOUNDATION UNIVERSITY,  
BHOPAL

SESSION : 2020-2022

A  
PROJECT REPORT  
ON  
**MARKET STRATEGY AT ULTRA LIGHT  
TECHNOLOGY BHOPAL**

SUBMITTED FOR THE PARTIAL FULFILLMENT OF THE  
REQUIREMENT FOR THE DEGREE OF  
MASTER OF BUSINESS ADMINISTRATION DEGREE FROM  
RKDF University, Bhopal

SUBMITTED TO  
Dr.G.S. Lodhi  
(HOD)

SUBMITTED BY  
SYED AMMAR HUSAIN  
0511MBA20PG065  
MBA III<sup>rd</sup> SEM



**SRI SATYA SAI COLLEGE OF ENGINEERING**  
**(RKDF) UNIVERSITY BHOPAL (M.P)-462033**

# CUBEDOTS

## TO WHOM IT MAY CONCERN

This is to certify that Ms. REAL VASUDEO (Roll no. 0511MBA20PG116) from RKDF university has successfully completed a summer internship in the field of Recruitment & selection from 1<sup>st</sup> of July to 31<sup>st</sup> August under guidance of HR.

During the period of her internship program with us, she had been exposed to different processes and was found diligent, hardworking and inquisitive.

We wish her every success in her life and career.

Sincerely



Authorized Signature  
Cheena Barfa  
Human Resources  
Cubedots Pvt. Ltd.

CubeDots Pvt Ltd.

4th Floor SP 365 Building, Janjirwala Square New Palasia, Indore- 452010, Madhya Pradesh, India.  
Landline no.: 0731-4945617, Email: [sales@cubedots.com](mailto:sales@cubedots.com), Website: [www.cubedots.com](http://www.cubedots.com)

A  
SUMMER TRAINING  
PROJECT REPORT  
ON  
**“DIGITAL MARKETING”**

SUBMITTED FOR THE PARTIAL FULFILLMENT OF THE  
REQUIREMENT FOR THE DEGREE OF MASTER OF  
BUSINESS ADMINISTRATION DEGREE FROM  
RKDF University, Bhopal

Supervised by  
Dr. G.S. LODHI  
(H.O.D)

SUBMITTED BY  
K Sunita Rao  
0511MBA20PG008



**RAM KRISHNA DHARMARTH FOUNDATION UNIVERSITY,  
BHOPAL (M.P)-462033**

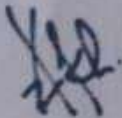
# Sezon Electricals Pvt.Ltd.

## To whomsoever it may concern

This is to certify that Mohammed Monis Khan a student of MBA specialization in Power Management has worked for our organization and undertaken his project work from our Organization Anum Enterprises from 15<sup>th</sup> Oct 2021 to 20<sup>th</sup> Nov 2021 for 60 hours and has satisfactorily completed all the assigned work on time.

We wish him best for his future endeavors.

Regards,



Arshan Mohd Khan

Managing Director

Mobile No 78981138435

F-11, Surbhi Raghu Plaza Hamidia Road, Bhopal M.P.

A  
Summer Training  
Project Report  
ON  
"FINANCE PROJECT"



Submitted For The Partial Fulfillment Of  
Master Of Business Administration (MBA)

DEGREE OF RAM KRISHNA DHARMARTH FOUNDATION UNIVERSITY,  
BHOPAL [M.P.]

Supervised BY :-

Dr. G S Lodhi

H.O.D

Submitted By :-

RUPALEE BRAMHE

Enrollment No-

0511MBA20PG085

RAM KRISHNA DHARMARTH FOUNDATION  
(RKDF) UNIVERSITY,  
BHOPAL [M.P.] 462033



Chirayu Medical College & Hospital

## CHIRAYU MEDICAL COLLEGE & HOSPITAL

(A Unit of Chirayu Charitable Foundation)

### DEPARTMENT OF HUMAN RESOURCES

Ref No. 891 CMCH/HR/2021


Dated: 23.12.2021

#### TO WHOM IT MAY CONCERN

This is to certify that Mr. Nitin Bherwani, student of RKDF University has successfully completed a summer internship in the field of Finance from 01.10.2021 to 30.11.2021.

During the period of his internship program with us, he had been exposed to different processes and was found diligent, hardworking and inquisitive.

We wish him every success in his life and career.

  
Director-HR  
CMCH, Bhopal





**A  
Major Project**

**Renewable Energy -Solar Power**

A Major Report for The Partial Fulfillment Of The Of The Requirement For The Award Of Degree Of  
**Master in Business Administration**

Specialization in  
**Energy Management**

Submitted to:  
**AM KRISHNA DHARMARTH FOUNDATION UNIVERSITY  
BHOPAL (M.P)**



Submitted By:  
**Mohammed Monis Khan - 0511MBA20PG086**

Under the Guidance of  
**Mr. Girbal Singh Lodhi**  
Head of Department

Department of Business Administration  
**SRI SATYA SAI COLLEGE OF ENGINEERING**  
Airport Bypass Road, Gandhi Nagar Bhopal (M.P.)

**Session of 2020-2022**

  
Registrar  
RKDF University

A  
PROJECT REPORT  
ON  
**CUSTOMER SATISFACTION AT ULTRA LIGHT  
TECHNOLOGY BHOPAL**

SUBMITTED FOR THE PARTIAL FULFILLMENT OF THE  
REQUIREMENT FOR THE DEGREE OF  
MASTER OF BUSINESS ADMINISTRATION DEGREE FROM  
RKDF University, Bhopal

SUBMITTED TO  
Dr.G.S. Lodhi  
(HOD)

SUBMITTED BY  
ADNAN AHMED AFRIDI  
0511MBA20PG105  
MBA III<sup>rd</sup> SEM



**SRI SATYA SAI COLLEGE OF ENGINEERING**  
**(RKDF) UNIVERSITY BHOPAL (M.P)-462033**

A  
SUMMER INTERNSHIP REPORT  
ON  
A STUDY OF HUMAN RESOURCES POLICES RUNS  
NORTHERN COALFEILDS LIMITED II  
(A MINI RATNA COMPANY)  
(A SUBSIDIARY COAL INDIA LIMITED)



SUBMITTED TO :-

**MS. FARHA KHAN**

( FACULTY OF MANAGEMENT)

SUBMITTED BY :-

**SIDDHESH DUBEY**

**MBA 3<sup>rd</sup>-semester**

**ROLL- 0511MBA20PG021**

FACULTY OF MANAGEMENT,  
(RKDF COLLEGE OF TECHNOLOGY AND RESEARCH)  
RAM KRISHNA DHARMARTH FOUNDATION UNIVERSITY,  
BHOPAL, (MADHYA PRADESH) -462033



YAMAHA



ESCORTS

## TO WHOMEVER IT MAY CONCERN

This is to certify that **Pallavi Yadav** (Enrollment No. **0511MBA20PG005**) from RKDF University Bhopal was associated with our office at **MP Nagar Bhopal** for six weeks from 15 July to 30 August 2021 as a Sales Management student trainee. During his tenure with us, he has been a sincere and responsible candidate. He has undergone following aspects of HR Management:-

- Planning
- workers Lead.

जयहिन्द अटॉमोबिल  
बुकान न.  
बनारस

## SURAJ MOTORS

Shop No. 1, Plot No. 1, Lalghati, Bhopal - 462030, Near Nri Colony, Behind Of Government School, 8, Nayapura Lalghati Chouraha

Mob-6260897702

[www.yamaha-motor-india.com](http://www.yamaha-motor-india.com)


CENTRAL PROOF ESTABLISHMENT, ITARSI (MP)  
GOVT. OF INDIA, MIN OF DEFENCE  
ITARSI - 461114 (M.P)

TO WHOM SO EVER IT MAY CONCERN  
EXPERIENCE CERTIFICATE

1. This is to certify that Ku. Roshani Ghawri D/o Shri Mahesh Kumar Ghawri, MBA (HR/FINANCE) (III Semester) student of Shri Satya Sai College of Engineering , RKDF University, Bhopal. As a Trainee clerk (Casual) in our HR and Finance Department of Administrative office of this Establishment through a manpower Contractor M/s Computer Zone, Katni (M.P) since, 01.01.2021 with condition of maximum 26 working days in a month.
2. She is very sincere, hard working, punctual, reliable and very prompt in disposal of assigned works
3. This is certificate issued on the request of the individual for applying the Master Degree of MBA and is not used for any other purpose.
4. By issue of this certificate No legal/financial liability rest with this office.

No CPE/0536/GEN/AE

Date - 30 Nov 2021

  
PAUL P. GEORGE  
SR. ADMIN OFFICER  
MIN. OF DEF. GOVT. OF INDIA  
CPE - ITARSI

# “ROAD SURVEY BY TOTAL STATION”

## A Major project Report

Submitted in fulfillment of the award of Degree of

**BACHELOR OF ENGINEERING**

in

**[CIVIL ENGINEERING]**

Submitted to



**RAM KRISHNA DHARMARTH FOUNDATION VISHWAVIDYALAYA,  
BHOPAL (M.P.)**

Submitted by

<b>ARSHAD ALI</b>	<b>(0111CE18GT001)</b>
<b>DIVAKAR YADAV</b>	<b>(0111CE18GT002)</b>
<b>MD SHAHANSHA ALAM</b>	<b>(0111CE18GT005)</b>
<b>RAHUL KUMAR</b>	<b>(0111CE18GT006)</b>
<b>RAJNEESH KUMAR SINGH</b>	<b>(0111CE18GT007)</b>
<b>RUNZEB AHMED</b>	<b>(0111CE18GT008)</b>

Under the Supervision of

**Prof. Rajat Palya**

**Assistant Professor**



**Department of Civil Engineering**

**SRI SATYA SAI COLLEGE OF ENGINEERING (BHOPAL)**

**JUNE, 2022**

  
Registrar  
RKDF University

# SRI SATYA SAI COLLEGE OF ENGINEERING (BHOPAL)

Department of Civil Engineering



## CERTIFICATE

This is to certify that the work embodied in this dissertation entitled “ROAD SURVEY BY TOTAL STATION” being submitted by ARSHAD ALI (0111CE18GT001), DIVAKAR YADAV (0111CE18GT002), MD SHAHANSHA ALAM (0111CE18GT005), RAHUL KUMAR (0111CE18GT006), RAJNEESH KUMAR SINGH (0111CE18GT007) RUNZEB AHMED (0111CE18GT008), for partial fulfillment of the requirement for the award of ‘Bachelor of Engineering’ In [CIVIL ENGINEERING] Discipline to Ram Krishna Dharmarth Foundation Vishwavidyalaya, Bhopal (M.P.) during the academic session 2018-2022 is a record of bona-fide piece of work, undertaken by him in the supervision of the undersigned.

Approved and Supervised by

  
Prof. RAJAT PALYA

Assistant Professor  
(Deptt. of Civil Engineering)

Forwarded by

  
(Prof. RAJAT PALYA)

HOD, CIVIL

SSSCE, Bhopal

H.O.D.

Deptt. Of Civil Engineering  
Sri Satya Sai College of Engineering  
Centre Code-11, Bhopal (M.P.)

  
(Dr. A.C. NAYAK)  
Principal

SSSCE, Bhopal

PRINCIPAL

SRI SATYA SAI COLLEGE OF ENGINEERING  
BHOPAL (M.P.)

# SRI SATYA SAI COLLEGE OF ENGINEERING (BHOPAL)

Department of Civil Engineering



## APPROVAL CERTIFICATE

This dissertation work entitled “ROAD SURVEY BY TOTAL STATION” submitted by “ARSHAD ALI (0111CE18GT001), DIVAKAR YADAV (0111CE18GT002), MD SHAHANSHA ALAM (0111CE18GT005), RAHUL KUMAR (0111CE18GT006), RAJNEESH KUMAR SINGH (0111CE18GT007) RUNZEB AHMED (0111CE18GT008), is approved for the award of Bachelor of Engineering in Civil Engineering.

Internal Examiner

Date: 12/5/22

External Examiner

Date: .....

RKDF University

Registrar



# “IMPROVEMENT OF SUBGRADE USING JUTE”

A Major project Report

Submitted in fulfillment of the award of Degree of

**BACHELOR OF ENGINEERING**

in

**[CIVIL ENGINEERING]**

Submitted to



**RAM KRISHNA DHARMARTH FOUNDATION VISHWAVIDYALAYA,  
BHOPAL (M.P.)**

Submitted by

<b>SAIF KHAN</b>	<b>(0111CE18GT009)</b>
<b>IMRAN ALI</b>	<b>(0111CE18GT011)</b>
<b>PINTU KUMAR</b>	<b>(0111CE18GT013)</b>
<b>SHARIQUE AHMAD</b>	<b>(0111CE18GT015)</b>
<b>ASHISH KUMAR RAI</b>	<b>(0111CE18GT017)</b>
<b>CHETAN SHARMA</b>	<b>(0111CE18GT018)</b>

Under the Supervision of

**Prof. Shubham Raghuvanshi**

**Assistant Professor**



**Department of Civil Engineering**

**SRI SATYA SAI COLLEGE OF ENGINEERING (BHOPAL)**

**JUNE, 2022**

  
Registrar  
RKDF University

# SRI SATYA SAI COLLEGE OF ENGINEERING (BHOPAL)


Department of Civil Engineering




## CERTIFICATE

This is to certify that the work embodied in this dissertation entitled “**IMPROVEMENT OF SUBGRADE USING JUTE**” being submitted by **SAIF KHAN (0111CE18GT009), IMRAN ALI (0111CE18GT011) , PINTU KUMAR (0111CE18GT013), SHARIQUE AHMAD (0111CE18GT015), ASHISH KUMAR RAI (0111CE18GT017), CHETAN SHARMA (0111CE18GT018)**, for partial fulfillment of the requirement for the award of ‘Bachelor of Engineering’ In [CIVIL ENGINEERING] Discipline to Ram Krishna Dharmarth Foundation Vishwavidyalaya, Bhopal (M.P.) during the academic session 2018-2022 is a record of bona-fide piece of work, undertaken by him in the supervision of the undersigned.

Approved and Supervised by

  
**Prof. Shubham Raghuvanshi**  
Assistant Professor  
(Deptt. of Civil Engineering)

Forwarded by

  
**(Prof. RAJAT PALYA)**  
HOD, CIVIL  
SSSCE, Bhopal

H.O.D.  
Deptt. Of Civil Engineering  
Sri Satya Sai College of Engineering  
Centre Code-11, Bhopal (M.P.)

  
**(Dr. A. C. NAYAK)**  
Principal

SSSCE, Bhopal  
**PRINCIPAL**  
SRI SATYA SAI COLLEGE OF ENGINEERING  
BHOPAL (M.P.)

# SRI SATYA SAI COLLEGE OF ENGINEERING (BHOPAL)

Department of Civil Engineering



## APPROVAL CERTIFICATE

This dissertation work entitled "IMPROVEMENT OF SUBGRADE USING JUTE" submitted by "SAIF KHAN (0111CE18GT009), IMRAN ALI (0111CE18GT011), PINTU KUMAR (0111CE18GT013), SHARIQUE AHMAD (0111CE18GT015), ASHISH KUMAR RAI (0111CE18GT017), CHETAN SHARMA (0111CE18GT018), is approved for the award of Bachelor of Engineering in Civil Engineering.

Internal Examiner

Date: 10/5/22

External Examiner

Date: .....

RKDF University

Registrar

# “EFFECT OF METAKEOLIN & STEEL FIBRES ON PROPERTIES OF CONCRETE

”

**A Major project Report**

Submitted in fulfillment of the award of Degree of

**BACHELOR OF ENGINEERING**

in

**[CIVIL ENGINEERING]**

**Submitted to**



**RAM KRISHNA DHARMARTH FOUNDATION VISHWAVIDYALAYA,  
BHOPAL (M.P.)**

**Submitted by**

**MD EHTESHAM**

**PATEL SAGAR HARISHBHAI**

**ABDUR RAHMAN**

**ASHUTOSH KUMAR**

**PRAJAPATI VIRALBHAI RAMANBHAI**

**VIKASH KUMAR**

**(0111CE18GT020)**

**(0111CE18GT025)**

**(0111CE18GT031)**

**(0111CE18GT032)**

**(0111CE18GT033)**

**(0111CE18GT034)**

**Under the Supervision of**

**Prof. Rajat Palya**

**Assistant Professor**



**Department of Civil Engineering**

**SRI SATYA SAI COLLEGE OF ENGINEERING (BHOPAL)**

**JUNE, 2022**

Registered  
RKDF University

# SRI SATYA SAI COLLEGE OF ENGINEERING (BHOPAL)

Department of Civil Engineering



**CERTIFICATE**

Registration  
RKDF University

This is to certify that the work embodied in this dissertation entitled "EFFECT OF METAKEOLIN & STEEL FIBRES ON PROPERTIES OF CONCRETE" being submitted by MD EHTESHAM (0111CE18GT020), PATEL SAGAR HARISHBHAI (0111CE18GT025), ABDUR RAHMAN (0111CE18GT031), ASHUTOSH KUMAR (0111CE18GT032), PRAJAPATI VIRALBHAI RAMANBHAI (0111CE18GT033), VIKASH KUMAR (0111CE18GT034), for partial fulfillment of the requirement for the award of 'Bachelor of Engineering' In [CIVIL ENGINEERING] Discipline to Ram Krishna Dharmarth Foundation Vishwavidyalaya, Bhopal (M.P.) during the academic session 2018-2022 is a record of bona-fide piece of work, undertaken by him in the supervision of the undersigned.

**Approved and Supervised by**

  
Prof. RAJAT PALYA

Assistant Professor

(Deptt. of Civil Engineering)

**Forwarded by**

  
(Prof. RAJAT PALYA)

HOD, CIVIL

SSSCE, Bhopal

H.O.D.

Deptt. Of Civil Engineering  
Sri Satya Sai College of Engineering  
Centre Code-11, Bhopal (M.P.)

(Dr. A.C. NAYAK)

Principal

SSSCE, Bhopal

**PRINCIPAL**

**SRI SATYA SAI COLLEGE OF ENGINEERING  
BHOPAL (M.P.)**

# SRI SATYA SAI COLLEGE OF ENGINEERING (BHOPAL)

Department of Civil Engineering



## APPROVAL CERTIFICATE

This dissertation work entitled "EFFECT OF METAKEOLIN & STEEL FIBRES ON PROPERTIES OF CONCRETE" submitted by "MD EHTESHAM (0111CE18GT020), PATEL SAGAR HARISHIBHAI (0111CE18GT025), ABDUR RAHMAN (0111CE18GT031), ASHUTOSH KUMAR (0111CE18GT032), PRAJAPATI VIRALBHAI RAMANBHAI (0111CE18GT033), VIKASH KUMAR (0111CE18GT034), is approved for the award of Bachelor of Engineering in Civil Engineering.

Internal Examiner

External Examiner

Date: ... 01/5/22 .....

Date: .....

RKDF University

Registrar

**PROJECT REPORT ON DESIGN OF A RESIDENTIAL BUILDING  
A MAJOR project Report**

**Submitted in fulfillment of the award of Degree of Bachelor of Engineering**

**IN**

**[CIVIL ENGINEERING]**

**Submitted to**



Registered  
RKDF University

**RAM KRISHNA DHARMARTH FOUNDATION VISHWAVIDYALAYA BHOPAL (M.P.)**

**Submitted by**

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<b>MAYANK SINGH</b>	<b>(0111CE18GT028)</b>
<b>NABAL KISHOR MAHATO</b>	<b>(0111CE18GT028)</b>
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**Under the Supervision**

**Of**

**PROF. RAJAT PALYA**



**Department of Civil Engineering**

**SRI SATYA SAI COLLEGE OF ENGINEERING (BHOPAL)**

**JUNE, 2022**

# SRI SATYA SAI COLLEGE OF ENGINEERING (BHOPAL)

## Department of Civil Engineering

### CERTIFICATE

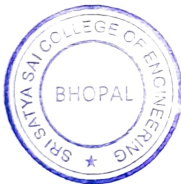
This is to certify that the work embodied in this dissertation entitled "PROJECT REPORT ON DESIGN OF A RESIDENTIAL BUILDING" being submitted by "GROUP-ALFA" for partial fulfillment of the requirement for the award of Bachelor of Engineering

In

[CIVIL ENGINEERING]

Discipline to Ram Krishna Dharmarth Foundation Vishwavidyalaya, Bhopal (M.P.) during the academic session 2021-22 is a record of bona-fide piece of work, undertaken by him in the supervision of the undersigned.

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*Raj*  
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This dissertation work entitled "PROJECT REPORT ON DESIGN OF A RESIDENTIAL BUILDING" submitted by **GROUP-ALFA**, is approved for the award of Bachelor of Engineering in Civil Engineering.



Internal Examiner

Date: 10/05/22

External Examiner

Date: 10/05/22

**“STUDIES ON NATURAL FIBROUS MATERIALS AS FIXED  
AERATED BEDS FOR DOMESTIC WASTEWATER  
TREATMENT”**

**A Major project Report**

Submitted in fulfillment of the award of Degree of Bachelor of Engineering  
In

**[CIVIL ENGINEERING]**

Submitted to



**RAM KRISHNA DHARMARTH FOUNDATION VISHWAVIDYALAYA  
BHOPAL (M.P.)**

Submitted by

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**Enrollment No. –0111CE18GT035**

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**APPROVAL CERTIFICATE**

This dissertation work entitled **“STUDIES ON NATURAL FIBROUS MATERIALS AS FIXED AERATED BEDS FOR DOMESTIC WASTEWATER TREATMENT”** submitted by **MR. DIPESH DEO**, is approved for the award of Bachelor of Engineering in Civil Engineering.



**Internal Examiner**

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**External Examiner**

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**“STUDIES ON NATURAL FIBROUS MATERIALS AS FIXED  
AERATED BEDS FOR DOMESTIC WASTEWATER  
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Submitted in fulfillment of the award of Degree of Bachelor of Engineering  
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[**CIVIL ENGINEERING**]


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This dissertation work entitled **“STUDIES ON NATURAL FIBROUS MATERIALS AS FIXED AERATED BEDS FOR DOMESTIC WASTEWATER TREATMENT”** submitted by **MR. AMRESH KUMAR YADAV**, is approved for the award of Bachelor of Engineering in Civil Engineering.



**Internal Examiner**

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**“STUDIES ON NATURAL FIBROUS MATERIALS AS FIXED  
AERATED BEDS FOR DOMESTIC WASTEWATER  
TREATMENT”**

**A Major project Report**  
Submitted in fulfillment of the award of Degree of Bachelor of Engineering  
In  
**[CIVIL ENGINEERING]**

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This is to certify that the work embodied in this dissertation entitled "STUDIES ON NATURAL FIBROUS MATERIALS AS FIXED AERATED BEDS FOR DOMESTIC WASTEWATER TREATMENT" being submitted by ABISHEK YADAV, Enrollment No.011ICE18GT040 for partial fulfillment of the requirement for the award of 'Bachelor of Engineering'

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[CIVIL ENGINEERING]


Discipline to Ram Krishna Dharmarth Foundation Vishwavidyalaya, Bhopal (M.P.) during the academic session 2018-22 is a record of bona-fide piece of work, undertaken by him in the supervision of the undersigned.

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**APPROVAL CERTIFICATE**

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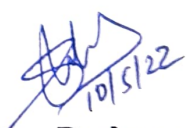
Department of Civil Engineering



## CERTIFICATE

This is to certify that the work embodied in this dissertation entitled “EXPERIMENTAL STUDY OF STABILIZATION ON NATURAL SOIL SUBGRADE USING SUGARCANE BAGASSE ASH” being submitted by GAURAV SINGH (0111CE18GT036), MOHAMMAD TALHA ASRARI (0111CE18GT039), PEERZADA MAHAMMADFAIZAN (0111CE18GT044), DIPAK KUMAR YADAV (0111CE18GT045), SHESH KUMAR SATARA (0111CE18GT046), RAJESH KUMAR CHAUDHARY (0111CE18GT047), for partial fulfillment of the requirement for the award of ‘Bachelor of Engineering’ In [CIVIL ENGINEERING] Discipline to Ram Krishna Dharmarth Foundation Vishwavidyalaya, Bhopal (M.P.) during the academic session 2018-2022 is a record of bona-fide piece of work, undertaken by him in the supervision of the undersigned.

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# **“GREEN BUILDING”**

## **A Major project Report**

Submitted in fulfillment of the award of Degree of

**BACHELOR OF ENGINEERING**

**in**

**[CIVIL ENGINEERING]**

**Submitted to**



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This is to certify that the work embodied in this dissertation entitled “GREEN BUILDING” being submitted by **AJAY KUMAR PURBE (0111CE18GT048)**, **ANOOP KUMAR PANDEY (1811CEL19GT001)**, **ARBAZ ALAM (1811CEL19GT002)**, **BAHIRAM HEMANT RAVINDRA (1811CEL19GT003)**, **CHAUDHARI KESHAV PRAKASH (1811CEL19GT004)**, **DHUMAL ABHISHEK ANIL (1811CEL19GT005)**, for partial fulfillment of the requirement for the award of ‘Bachelor of Engineering’ In [CIVIL ENGINEERING] Discipline to Ram Krishna Dharmarth Foundation Vishwavidyalaya, Bhopal (M.P.) during the academic session 2018-2022 is a record of bona-fide piece of work, undertaken by him in the supervision of the undersigned.

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This dissertation work entitled “GREEN BUILDING” submitted by “AJAY KUMAR PURBE (0111CE18GT048), ANOOP KUMAR PANDEY (1811CEL19GT001), ARBAZ ALAM (1811CEL19GT002), BAHIRAM HEMANT RAVINDRA (1811CEL19GT003), CHAUDHARI KESHAV PRAKASH (1811CEL19GT004), DHUMAL ABHISHEK ANIL (1811CEL19GT005), is approved for the award of Bachelor of Engineering in Civil Engineering.

  
Internal Examiner

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External Examiner

Date: .....



# REPAIR AND REHABILITATION OF STRUCTURES

*A Major Project Report for the partial Fulfillment of the Requirement for the award of  
degree of*

## **Bachelor of Engineering**

in

## **Department of Civil Engineering**

Submitted to

**RAM KRISHNA DHARMARTH FOUNDATION UNIVERSITY BHOPAL  
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Submitted by

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**June-2022**




## CANDIDATE'S DECLARATION

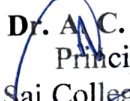
I hereby declare that the work, which is being presented in the dissertation, entitled **“Repair And Rehabilitation of Structures”** in partial fulfillment of the requirements for the award of degree of **Mishra Shweta Arun (Enrolment No 1811CEL19GT007)** in **Civil Engineering** submitted in the Mechanical Department, Sri Satya Sai College of Engineering, RKDF University Bhopal is an authentic record of my own work carried out under the guidance of **Mr. Rajat Palya**, Department of Civil Engineering, Sri Satya Sai College of Engineering, Bhopal.

The matter combined in this thesis has not been submitted by me for the award of any other degree.

Dated:

**Mishra Shweta Arun**

  
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**BHOPAL (M.P.)**

# “DESIGN OF SINGLE STOREY RESIDENTIAL BUILDING”

**A Major project Report**

Submitted in fulfillment of the award of Degree of

**BACHELOR OF ENGINEERING**

**in**

**[CIVIL ENGINEERING]**

**Submitted to**



**RAM KRISHNA DHARMARTH FOUNDATION VISHWAVIDYALAYA,  
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<b>SINGH PIYUSH ARVIND</b>	<b>1811CEL19GT012</b>
<b>SUDEEP SINGH CHAUHAN</b>	<b>1811CEL19GT013</b>
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**Under the Supervision of**

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**Assistant Professor**



**Department of Civil Engineering**

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This is to certify that the work embodied in this dissertation entitled “**DESIGN OF SINGLE STOREY RESIDENTIAL BUILDING**” being submitted by **DONGRE SNEHA NARENDRA 1811CEL19GT006, RAMLAKHAN KUMAR 1811CEL19GT009, SANJAY LODHA 1811CEL19GT011, SINGH PIYUSH ARVIND 1811CEL19GT012, SUDEEP SINGH CHAUHAN 1811CEL19GT013, YASH PRATAP SINGH 1811CEL19GT016**, for partial fulfillment of the requirement for the award of ‘Bachelor of Engineering’ In [CIVIL ENGINEERING] Discipline to Ram Krishna Dharmarth Foundation Vishwavidyalaya, Bhopal (M.P.) during the academic session 2018-2022 is a record of bona-fide piece of work, undertaken by him in the supervision of the undersigned.

Approved and Supervised by

**Prof. Shubham Raghuvanshi**

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Internal Examiner

Date: ... 01/5/22 ...

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External Examiner

Date: ... 01/5/22 ...

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## CERTIFICATE


This is to certify that the work embodied in this dissertation entitled “*Design And Analysis Of Retrofitting And Rehabilitation Of A Guest House At Kolar Bhopal (M.P.)*” being submitted by **WANI NINAD SANJAY** ,Enrollment No. **1811CEL19GT015** for partial fulfillment of the requirement for the award of ‘Bachelor of Engineering’

In


[CIVIL ENGINEERING]


Discipline to Ram Krishna Dharmarth Foundation Vishwavidyalaya, Bhopal (M.P.) during the academic session 2021-22 is a record of bona-fide piece of work, undertaken by him in the supervision of the undersigned.

**Approved and Supervised by**

  
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## APPROVAL CERTIFICATE

This dissertation work entitled *Design And Analysis Of Retrofitting And Rehabilitation Of A Guest House At Kolar Bhopal (M.P.)* submitted by **Mr. WANI NINAD SANJAY**, is approved for the award of Bachelor of Engineering in Civil Engineering.



Internal Examiner

A handwritten signature in blue ink, appearing to be "Wani Ninad Sanjay".

Date: .....10/5/22.....

External Examiner

A handwritten signature in blue ink, appearing to be "Wani Ninad Sanjay".

Date: .....10/5/22.....

# **“AN EXPERIMENT STUDY ON MODIFICATION OF GEOTECHNICAL PROPERTIES OF EXPANSIVE SOIL THROUGH COCONUT FIBRE AND LIME”**

## **A Major project Report**

Submitted in fulfillment of the award of Degree of

**BACHELOR OF ENGINEERING**

**in**

**[CIVIL ENGINEERING]**

**Submitted to**



**RAM KRISHNA DHARMARTH FOUNDATION VISHWAVIDYALAYA,  
BHOPAL (M.P.)**

**Submitted by**

<b>ASHWARYA KHATRI</b>	<b>1811CEL19GT017</b>
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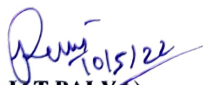
Registration  
R.K.D.F. University

This is to certify that the work embodied in this dissertation entitled “AN EXPERIMENT STUDY ON MODIFICATION OF GEOTECHNICAL PROPERTIES OF EXPANSIVE SOIL THROUGH COCONUT FIBRE AND LIME” being submitted by ASHWARYA KHATRI 1811CEL19GT017, BAHIRAM KUNDAN RAVINDRA 1811CEL19GT018, KADAM SHREENATH HARISHCHANDRA 1811CEL19GT019, KARAN SHAH 1811CEL19GT020, SHUBHAM TIWARI 1811CEL19GT022, ADITI PRIYA 1811CEL19GT023, for partial fulfillment of the requirement for the award of ‘Bachelor of Engineering’ In [CIVIL ENGINEERING] Discipline to Ram Krishna Dharmarth Foundation Vishwavidyalaya, Bhopal (M.P.) during the academic session 2018-2022 is a record of bona-fide piece of work, undertaken by him in the supervision of the undersigned.

**Approved and Supervised by**

  
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BHOPAL (M.P.)

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This dissertation work entitled “AN EXPERIMENT STUDY ON MODIFICATION OF GEOTECHNICAL PROPERTIES OF EXPANSIVE SOIL THROUGH COCONUT FIBRE AND LIME” submitted by “ASHWARYA KHATRI 1811CEL19GT017, BAHIRAM KUNDAN RAVINDRA 1811CEL19GT018, KADAM SHREENATH HARISHCHANDRA 1811CEL19GT019, KARAN SHAH 1811CEL19GT020, SHUBHAM TIWARI 1811CEL19GT022, ADITI PRIYA 1811CEL19GT023, is approved for the award of Bachelor of Engineering in Civil Engineering.

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# “IMPROVEMENT OF BEARING CAPACITY OF SANDY SOIL BY GROUTING”

**A Major project Report**

Submitted in fulfillment of the award of Degree of

**BACHELOR OF ENGINEERING**

in

**[CIVIL ENGINEERING]**

**Submitted to**



**RAM KRISHNA DHARMARTH FOUNDATION VISHWAVIDYALAYA,  
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# “STUDY OF ELECTRICAL & THERMAL STUDY OF SOLAR SYSTEM AND INSTALLATION OF SOLAR POWER PLANT”

**A Major project Report**

Submitted in fulfillment of the award of Degree of

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**in**

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# “STUDY AND DESIGN OF GRID CONNECTED SOLAR POWER PLANT AT RAISEN & COLLECTION”

**A Major project Report**

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# “INSTALLATION OF SOLAR POWER PLANT”

## A Major project Report

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Submitted in fulfillment of the award of Degree of Bachelor of Engineering

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