



BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR

Accredited by NAAC With 'A' Grade
Approved by AICTE, New Delhi & Affiliated to Shivaji University, Kolhapur
Near Chitranagari, Kolhapur - 416013 (MS)

FOUNDER CHANCELLOR
Dr. Patangrao Kadam
M.A., LL. B., Ph. D.

DTE INSTITUTE CODE : EN-6288
Tel.No.: (0231) 2638893, 2638894, Fax : 2636050
Web : <http://coekolhapur.bharativedyapeeth.edu> E-mail : coekolhapur@bharativedyapeeth.edu

PRINCIPAL
Dr. Vijay Ghorpade
M.E., Ph. D. (Computer)

NAAC SSR CYCLE- 2



Criterion 3	Research, Innovations and Extension
Key Indicator 3.1	Resource Mobilization for Research
3.1.1 Grants received from Government and non-governmental agencies for research projects/endowments in the institution during the last five years (INR in Lakhs)	

Grants received for Academic Year: 2019-20



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Sr. No.	Name of the research project/ endowment	Name of the Principal Investigator/ Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned (INR in Lakhs)	Page Number
1	Modernisation and Removal of Obsolescence (MODROBS)	Ms. S. M. Mulla	Computer Science and Engineering	2019-21	2.33	4
2	Project: Analysis and Optimisation of Frame of Mechanical Press Machine	Mr. G. J. Pol	Mechanical Engineering	2019-20	0.15	5
3	Project: Mobility Assist Device	Mr. M. S. Kulkarni	Mechanical Engineering	2019-20	0.18	6
4	Project: Development of Seven Tank Automation System	Mr. S. B. Kamble	Mechanical Engineering	2019-20	0.21	7

5	Project: Design and Development of Free Energy E-Bike	Mr. Kedar K. Patil	Mechanical Engineering	2019-20	0.10	8
6	Project: Improving database security in cloud computing by disintegration of data	Mrs. S. M. Mulla	Computer Science and Engineering	2019-20	0.18	10
7	Project: Experimental Study Of Behaviour Of Beam Column Joint Strengthened With Gfrp For Anchorage Slip	Mr. S. S. Kotwal	Civil Engineering	2019-20	0.15	16
8	Project: Experimental Study Of Behaviour Of Beam Column Joint Strengthened With Gfrp Of Shear	Mr. S. S. Kotwal	Civil Engineering	2019-20	0.15	19
Total					3.45	

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)
Nelson Mandela Marg, VasantKunj, New Delhi-110070 Website: www.aicte-india.org



MODROB - Sanction Letter

F.No.9-102/IDC/MODROB/Policy-1/2019-20

Date: 20.07.2020

To

The Drawing and Disbursing Officer,
• All India Council for Technical
Education, Nelson Mandela Marg,
Vasant Kunj, New Delhi - 110070

Sub: Release of a sum of **Rs.186365/- (Rupees One Lakh EightySix Thousand Three Hundred SixtyFive Only)** being the 1st installment **Grant-in-Aid** under the scheme **Modernization and Removal of Obsolescence (MODROB)** for the year **2019-20** payable during the current financial year **2020-21**- reg.

Sir,

With reference to the proposal submitted by the institute, this is to convey that the sanction of the Council for payment of **Rs.232957/- (Rupees Two Lakh ThirtyTwo Thousand Nine Hundred FiftySeven Only)** as sanctioned **Grant-in-Aid** under the **Modernization and Removal of Obsolescence (MODROB)** scheme, as per details given below:

1.	Name and address of the Beneficiary Institution:	Director/ Principal/ Registrar, BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING KOLHAPUR, BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, NEAR CHITRANAGARI, KOLHAPUR-416013		
2.	Title of Project:	CENTER OF EXCELLENCE FOR INTERNET OF THINGS		
3.	Name of Coordinator:	<u>Ms. SHAGUPTA MULLA</u>		
4.	Duration of the project:	2 years		
4.	Total Grant-in-aid Sanctioned:	Total: <u>Rs.232957/-</u>	Non-Recurring (85%): Rs.198013/-	Recurring (15%): Rs.34943/-
5.	Amount to be released during the year 2020-21:	1st Installment <u>Rs.186365/-</u>	Non-Recurring (85%): Rs.158410/-	Recurring (15%): Rs.27954/-
6.	Sanctioned grant-in-aid is debatable to:	Major Head 601.18(a) Gen. (Plan Head)		

- The amount of the Grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the Grant-in-Aid bill and shall be disbursed to and credited to the account of Director/Principal/Registrar of the Institute through RTGS/PFMS.
- This Grant-in-Aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.

The instructions/guidelines to be followed by University/Institution

1. Release of funds

- The Principal/ Director of the institute and the Coordinator of the project are hereby requested to verify the correctness of the undermentioned bank account/ RTGS details submitted by them along with the Proposal, in which the grant is being released:

F.No.9-102/IDC/MODROB/Policy-1/2019-20

*HOD
CSE
Dr. dipin 27
13/10/2020*

RSA FORGE

D-38, Near Lokmat Press, M. I. D. C. Shirol (P.) Tal. Hatkanangale, Dist. Kolhapur – 416122
(Maharashtra) Ph. (0230)2469678, 2469010, Telefax – 2469978, Mob. 9422047234, 9890621010

To,
Training and Placement officer,
Bharti Vidyapeeth's college of Engineering,
Kolhapur.

Subject: - Project Sponsorship Letter

Respected Sir,

We are sponsoring a project and allowing the following student to work in our organization to complete the same.

PROJECT GROUP - G6

Name	Roll no	Mobile no	PRN
Vaishnav Sambhaji Patil	38	8055937474	2016083664
Sagar Sunil Patil	39	7776887948	2016083656
Omkar Vijay Dhanawade	31	9730429282	2016083612
Akshay Sanjay Shide	42	7058196598	2016083761
Pratik Deepak Patil	43	9921077474	2016083765

Project guide: - Prof. G. J. POL

Project Co-coordinator from our company: - Mr. Amrut Patil

Our sponsorship include the project expenses of Rs.15000 & and various resources re to complete the project. The project will remain the property of organization. No any publication is allowed to regarding the project.

For
RSA FORGE, KOLHAPUR.

For RSA FORGE
Partner

ASHMA CLINIC

Dr. Dhutmal B.T.
Orthopaedic Surgeon

डॉ. धुतमल बी.टी.
अस्थी रोग तज्ञ



Old Pedgaon Road,

PARBHANI. Tel. 240205



To,
Head of Department
Dept of Mechanical Engg.
BVCOE KOLHAPUR.

Subject: Permission to work B.E. Mechanical Engg. Project

This correspondence is issued as per requirement of following students of your college.

- 1) Desai R. Anant
- 2) Jadhav S. Avadhut
- 3) Kagankar Y. Vaibhav
- 4) Patil A. Sandip
- 5) Rane S. Prithviraj

They are allowed to work on the project titled "Mobility Assist Device".
The project is sponsored by our hospital. We will provide all medical data regarding the project. The cost incurred for the project will be borne by our hospital.

The candidates association with our hospital is exclusively restricted to concerned project work. Hence forth he will work and assist as until the completion of the project

Thanking you,

Yours Faithfully
DR. DHUTMAL B. T
M. B. B. G. D, Ortho.
Reg. No. 56511



Ref. No:-

Date

12/03/2020

SPONSORSHIP

Concern to:

Students name:

- | | |
|-----------------------------------|------------|
| 1. Dhiraj Bhauso Patil | 2017101111 |
| 2. Nikhil Shripati Tamakar | 2017101142 |
| 3. Kishor Dilip Magdum | 2017097276 |
| 4. Sudhakar Rangarao Kamble | 2017097086 |
| 5. Swapnil Bhagawan Nangare Patil | 2017097032 |

Collage name: Bharati Vidhyapeeth's Collage Of Engineering Kolhapur
Project title: Development Of Seven Tank Automation System

We are apply to agree we are going to sponsor above student projects which is very impressive and useable to industrial sensor and society. If you have any quires feel free to contact me
Thanks and regards.



Guru krupa Industries

(Authorized Signature)

Ref No: DKTE/Lead college/2020-20/41

Date: 17/06/2020

To,
The Principal,
Bharti Vidyapeeth's College of Engineering,
Near Chitranagari, Morewadi,
Kolhapur - 416013.

SUB: Reimbursement of Project Proposal for Research Sensitization Scheme
2019-20.

Ref: Proposals submitted "Design and Development of Free Energy E-Bike."

Dear Sir,

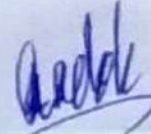
With reference to the above captioned subject, please find enclosed herewith the cheque of amount of Rs. 3,000/- out of total amount sanctioned Rs.10,000/- against the proposals submitted under Research Sensitization Scheme 2019-20. Already cheque of Rs.7,000/- is released.

Thanking you,

Yours Sincerely,



Prof. Dr. M.B. Chougule
Co-ordinator
Lead College Cluster



Prof. Dr. P.V. Kadole
Chairman
Lead College Cluster

Encl : Cheque No. 078470 dated 17/06/2020.







चालकबंदी करणारा बँकेचा
 CHALKARAJI BRANCH, KOLHAPUR-415115
 IFSC: CBIN0282570

कोणतेही बँकेत येणे पुरविले जाईल AT ALL BRANCHES
 १ ७ ० ६ २ ० २ ०
 D D M M Y Y Y Y

Principal Bharati Vidyapeeth's college & Engg या धारक को or Bearer
 रुपये Rupees Three Thousand Only.
 अंशकें ₹ 3,000 = 00

खाते क्र. / A/c. No. 3778642782


 CO-ORDINATOR

 CHAIRMAN
 DKTE LEAD COLLEGE CLUSTER ICH
 कृपया एवढेच ठरवा. / Please sign above

ICHALK

⑈078470⑈ 416016201⑈ 002690⑈ 31

AEROBOTIX TECHSOLUTIONS, KOLHAPUR

To,
The Principal
Bharati Vidyapeeth's College of Engineering, Kolhapur

Subject: Financial Assistance for the project titled “Improving database security in cloud computing by disintegration of data”

Dear Sir,

This is to inform that our company is sponsoring the final year student project of Computer Science and Engineering department which is titled “**Improving database security in cloud computing by disintegration of data**” with maximum amount/ expenses of Rs. **18,000/- (Eighteen Thousand Only)**. The sponsorship will be in terms of software's, devices, high testing and expert resources or workshop needed for project. The sanctioned amount is to be utilized for the above project and during the academic year 2019-2020 only. The duration for completion of above project will be one year.

Kindly allow the following group of students to work under the Guidance/ Principal investigator of Mrs. S.M. Mulla Assistant professor Bharati Vidyapeeth's College of Engineering, Kolhapur.

Name of Students:

1. Ms.Manchali A Nikam
2. Ms Vaishanavi T Mane
3. Ms. Pranali Y Sutar
4. Ms. Karan P Kumbhar
5. Dinesh R Manwani

Kindly consider letter as sanction letter, this is for your kind information and further needful action

Thanks and Regards



Yours faithfully,
Ajinkya Dixit

Founder – Aerobotix Techsolutions, Kolhapur

Improving Database Security in Cloud Computing by Disintegration of Data

**IMPROVING DATABASE SECURITY IN CLOUD COMPUTING BY
DISINTEGRATION OF DATA**

A Project Report

submitted in partial fulfillment of the requirements

for the award of the degree of

Bachelor of Engineering

in

Computer Science & Engineering

by

Manchali Ajit Nikam (1)

Vaishnavi Tanajirao Mane (2)

Pranali Yashwant Sutar (3)

Karan Prabhakar Kumbhar (4)

Dinesh Rajkumar Manwani (5)

under the guidance of

Prof. S. M. Mulla



Department of Computer Science & Engineering
BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR
YEAR: 2019-20



Certificate

This is to certify that the project report entitled “**IMPROVING DATABASE SECURITY IN CLOUD COMPUTING BY DISINTEGRATION OF DATA**” submitted by **Ms. Manchali A. Nikam, Ms. Vaishnavi T. Mane, Ms. Pranali Y. Sutar, Mr. Karan P. Kumbhar, Mr. Dinesh R. Manwani** for the partial fulfillment of the requirement for the award of degree of **Bachelor of Engineering in Computer Science & Engineering** to the Shivaji University.

This report is record of students’ team work carried out by them under my supervision and guidance.

Date:

Place:

Guide


Prof. S. M. Mulla

HOD


Prof. S. M. Mulla

Ext. Examiner


Principal

Dr. V. R. Ghorpade

Acknowledgement

It is our privilege to acknowledge with deep sense of gratitude to our project guide **Prof. S. M. Mulla** for her valuable suggestions and guidance throughout our course of study about this project.

We express our gratitude to **Prof. S. M. Mulla (HOD)** for their kind help and co-operation and special thanks to our **Principal Dr. V. R. Ghorpade** for giving us an opportunity to work on this topic.

We are highly obliged to the entire staff of the Computer Science & Engineering Department for their kind co-operation and help. We also take this opportunity to thank all our colleagues, who backed our interest by giving useful suggestions and all possible help.

Ms. Manchali Ajit Nikam (1)

Ms. Vaishnavi Tanajirao Mane (2)

Ms. Pranali Yashwant Sutar (3)

Mr. Karan Prabhakar Kumbhar (4)

Mr. Dinesh Rajkumar Manwani (5)



Outward number:-

Date:-25/08/2020

To,
Principal,
Bharati Vidyapeeth's College of Engineering, Kolhapur.

Subject: -Sponsorship and Internship for final year project of engineering.

Respected Sir,

We are pleased to inform you that our organization **8 bit computer and mobile solution** has chosen following students for being sponsored and given Internship under our Student Development and Encouragement Program for completing their final year project.

1. Manchali Ajit Nikam
2. Vaishnavi Tanajirao Mane
3. Pranali Yashwant Sutar
4. Karan Prabhakar Kumbhar
5. Dinesh Rajkumar Manwani

The Project is **"Improving Database Security in Cloud Computing by Disintegration of Data"** which is actually an Cloud Computing Project based on online server system with AWS cloud storage facility. It is kind of innovative project in many terms and is surely going to help many organizations to store their sensitive data securely by fragmentation techniques, and to overcome the current problems of Data Leakage Mitigation,

After completing the project we shall consider a demonstration of the project and if it fits to our organization's requirements we shall buy this project from students in the future. The expenses provided by us should be spent on the study materials, stationary and instruments required for establishing setup of the project.

Thanking You.

Regards,

Tejast
Mr. Tejas Anil Joshi
(Managing Director)

8BIT Computer & Digital Services



Outward number: - 1

Date: - 30/08/2020

To,
Principal,
BharatiVidhyapeeth's College of Engineering, Kolhapur.

Subject: -Completion of final year project in engineering.

Respected Sir,

This is to certify that below project group members has successfully completed an academic project entitled "**IMPROVING DATABASE SECURITY IN CLOUD COMPUTING BY DISINTEGRATION OF DATA**" with our organization. The project work which is completed is genuine and legitimate.

1. Ms. Manchali Ajit Nikam
2. Ms. Vaishnavi Tanajirao Mane
3. Ms. Pranali Yashwant Sutar
4. Mr. Karan Prabhakar Kumbhar
5. Mr. Dinesh Rajkumar Manwani

During the tenure of their project with our company, they have shown the great passion and understanding towards their work. The project team has demonstrated high academic understanding and creative skills while carrying out the assigned project.

Thanking You.

Yours faithfully,

Tejashvi
Mr. Tejas Anil Joshi
(Managing Director)

8BIT Computer & Digital Services



PIONEER CONSTRUCTION

(DESIGNER, BUILDER AND ARCHITECTURE)

230 Kabadge Vakhur Bhag Rvakek Line, Sangli,
Maharashtra 416416.

Email ID: PCLconstruction@gmail.com

Ref: 498/2019

Date:25/08/2019

To,
The Principal,
Bharati Vidyapeeth's College of Engineering, Kolhapur

Subject: Financial assistance for the project titled "EXPERIMENTAL STUDY OF BEHAVIOUR OF BEAM COLUMN JOINT STRENGTHENED WITH GFRP FOR ANCHORAGE SLIP"

Dear Sir,

This is to inform that our company is sponsoring the final year student project of Civil Engineering department which is titled with "RCC BEAM COLUMN JOINT" maximum amount/ expenses of Rs. 15,000/- (Rs. Fifteen Thousand Only). The sponsorship will be in terms of purchase of project materials such as cement, sand, aggregate and adhesive/ chemical also Project testing cost, site visit and expert resources. The amount to be utilized for the above project and during the academic year 2019-20 only. The duration for completion of project will be one year.

Kindly allow the following group of students to work under the Guidance/ Principal investigator of S.S.KOTWAL, Assistant professor Bharati Vidyapeeth's College of Engineering, Kolhapur.

- 1 SURAJ SHANKAR KHADE
- 2 SURAJ SUNIL MANE AVINASH RAJARAM PATIL
- 3 ASHLESH VASANT SHIN
- 4 SUSHANT SARJERAO PATIL
- 5 NIRAJ KAILAS CHINDHE

Kindly consider this as sanction letter; this is for your information and further needful action

Thanks and Regards

Proprietor

A
PROJECT REPORT
ON
“EXPERIMENTAL STUDY OF BEHAVIOUR OF BEAM
COLUMN JOINT STRENGTHENED WITH GFRP FOR
ANCHORAGE SLIP”

SUBMITTED
TO
SHIVAJI UNIVERSITY KOLHAPUR
IN
PARTIAL FULFILLMENT OF THE DEGREE

BACHELOR OF ENGINEERING IN CIVIL ENGINEERING
BY

Roll No. 07	SURAJ SHANKAR KHADE
Roll No. 10	SURAJ SUNIL MANE
Roll No. 15	AVINASH RAJARAM PATIL
Roll No. 22	ASHLESH VASANT SHINDE
Roll No. 46	SUSHANT SARJERAO PATIL
Roll No. 53	NIRAJ KAILAS CHINDHE

Under the guidance of
Prof. S. S. KOTWAL



DEPARTMENT OF CIVIL ENGINEERING
BHARATI VIDYAPEETHS COLLEGE OF ENGINEERING
KOLHAPUR
2019-2020

Department of Civil Engineering

BHARATI VIDYAPEETHS COLLEGE OF ENGINEERING

CERTIFICATE

Department of Civil Engineering

This is to certify that the project report entitled

**"EXPERIMENTAL STUDY OF BEHAVIOUR OF BEAM
COLUMN JOINT STRENGTHENED WITH GFRP FOR
ANCHORAGE SLIP"**

Submitted by

Roll No. 07

SURAJ SHANKAR KHADE

Roll No. 10

SURAJ SUNIL MANE

Roll No. 15

AVINASH RAJARAM PATIL

Roll No. 22

ASHLESH VASANT SHINDE

Roll No. 46

SUSHANT SARJERAO PATIL

Roll No. 53

NIRAJ KAILAS CHINDHE


Is a bonafied work carried out by the above mentioned students under the guidance of Prof. S. S. Kotwal and it has been completed successfully.




Project Guide
Prof. S. S. Kotwal



External Examiner



Head of Department
Prof. V. S. Kadam



Principal
Dr. V. R. Ghorpade

Date: 25.09.2020

Place: Kolhapur



SAMRUDDHI DEVELOPERS
WE BUILT YOUR DREAMS

Mr. Deepak J. Todakar
B.E. Civil, PG PCM NICMAR

Kolhapur, Mumbai, Pune.

contracts@samruddhidevelopers.in

+91 9819878759

Ref:456/2019

Date:07/08/2019

To,

The Principal,

Bharati Vidyapeeth's College of Engineering, Kolhapur

Subject: Financial assistance for the project titled "EXPERIMENTAL STUDY OF BEHAVIOUR OF BEAM COLUMN JOINT STRENGTHENED WITH GFRP OF SHEAR"

Dear Sir,

This is to inform that our company is sponsoring the final year student project of Civil Engineering department which is titled "EXPERIMENTAL STUDY OF BEHAVIOUR OF BEAM COLUMN JOINT STRENGTHENED WITH GFRP OF SHEAR" with maximum amount/ expenses of **Rs.15,000/- (Rs. Fifteen Thousand Only)**. The sponsorship will be in terms of purchase of project materials such as cement, sand, aggregate and adhesive/ chemical also Project testing cost, site visit and expert resources. The amount to be utilized for the above project and during the academic year 2019-20 only. The duration for completion of project will be one year. Kindly allow the following group of students to work under the Guidance/ Principal investigator of S.S.KOTWAL, Assistant professor Bharati Vidyapeeth's College of Engineering, Kolhapur.

- 1 MILIND RAGHUNATH KONDEKAR
- 2 RUSHIKESH RAM SHINDE
- 3 VINAYAK JALANDAR MORE
- 4 SHREYAS BABASAHEB PATIL
- 5 ONKAR GANPATI RANDIVE

Kindly consider this as sanction letter; this is for your information and further needful action

Thanks and Regards



Proprietor

A
PROJECT REPORT
ON
EXPERIMENTAL STUDY OF BEHAVIOUR OF BEAM COLUMN JOINT
STRENGTHENED WITH GFRP FOR SHEAR
SUBMITTED
TO
SHIVAJI UNIVERSITY KOLHAPUR
IN PARTIAL FULFILMENT OF THE DEGREE

BACHELOR OF ENGINEERING IN BHARTI VIDYAPEETHS
COLLEGE OF ENGINEERING

BY
MILIND RAGHUNATH KONDEKAR
RUSHIKESH RAM SHINDE
VINAYAK JALANDAR MORE
SHREYAS BABASAHEB PATIL
ONKAR GANPATI RANDIVE

Under the guidance of
Prof. S.S. KOTWAL



DEPARTMENT OF CIVIL ENGINEERING
BHARATI VIDYAPEETHS COLLEGE OF ENGINEERING
KOLHAPUR 2019-2020

Department of Civil Engineering

CERTIFICATE

This is to certify that the project report entitled
“EXPERIMENTAL STUDY OF BEHAVIOUR OF BEAM COLUMN
JOINT STRENGTHENED WITH GFRP FOR SHEAR”

Submitted by

Roll No. 9	Milind Raghunath Kondekar
Roll No. 23	Rushikesh Ram Shinde
Roll No. 12	Vinayak Jalandar More
Roll No. 16	Shreyas Babasaheb Patil
Roll No. 18	Onkar Ganpati Randive

is a bonafied work carried out by the above mentioned students under the guidance of Prof. S.S.KOTWAL and it has been completed successfully.



Guide
(Prof. S. S. KOTWAL)



External examiner



Head of Department
for (Prof. V. S. KADAM)



Principal
(Dr. V. R. Ghorpade)

Date: 25.09.2020.

Place: Kolhapur.