



## BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR

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

Accredited by NAAC With 'A' Grade  
Approved by AICTE, New Delhi & Affiliated to Shivaji University, Kolhapur  
Near Chitranagari, Kolhapur - 416013 (MS)  
DTE INSTITUTE CODE : EN-6288  
Tel.No.: (0231) 2638893, 2638894, Fax : 2636050  
Web : <http://coekolhapur.bharatividyaapeeth.edu> E- mail : [coekolhapur@bharatividyaapeeth.edu](mailto:coekolhapur@bharatividyaapeeth.edu)

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

## NAAC SSR CYCLE- 2



<b>Criterion 6</b>	<b>Governance, Leadership and Management</b>
<b>Key Indicator 6.5</b>	<b>Internal Quality Assurance System</b>
<b>6.5.2: Quality assurance initiatives of the institution include:</b>	
1.Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented	
2. Academic and Administrative Audit (AAA) and follow-up action taken	
3.Collaborative quality initiatives with other institution(s)	
4.Participation in NIRF and other recognized rankings	
5.Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc.	



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

### 3.Collaborative Quality Initiatives with other Institutions

### Academic Year:2020-21

Sr. No.	Name of the Collaborating Agency	Activities	Page Number
1	Nutrition Hub sambhaji nagar,Kolhapur	Student Projects: Diet Modelling Using Nutritional Requirement Analysis	4
2	Santosh D.Kumbhar, Kolhapur	1.site visit to Residential G+ 13 structure at Elixia Park,Kolhapur. 2.site visit to road construction site K.M.T.Colony, Infront of BVCOE,Kolhapur	7
3	Regional Telecom Training Center BSNL Pune	Online Look up Training on "Optical Fiber Technology in Telecom Network & its applications"	17
4	ETHERNET SOLUTIONS Pvt. Ltd. Kolhapur	Student Projects: Program-O application	26
5	Dr. J.J Magdum College of Engineering, Jaysingpur	Workshop on "Soft Skill Development".	29
6	Dr. Kolis, Homeopathic Multispeciality and Research Center, Kolhapur	Student Projects: Cloud Paramedic	36

7	Precision Diagnostic Center, Kolhapur	Student Projects: Artificial Intelligence Based Healthcare Chatbot System	39
8	Samarth Automation and Network, Kolhapur	Student Projects: Online Voting System	42

# Nutrition HUB

Address : 1869 'B' ward,  
Sambhaji Nagar, Kolhapur.

Dt. Rohini Ramesh Porlekar.  
Diet and Nutrition Consultant  
Post-Graduation Diploma in Nutrition & Dietetics  
Certification no: B20:31813

Reference no: 4A/2021

Date:- 24-01-2021

## MEMORANDUM OF UNDERSTANDING

In order to declare their joint intention to cooperate in some or all the fields of academics and industrial endeavor for their mutual benefit.

**Party 1: Nutrition Hub**

**Party 2: Department of Computer Science & Engineering, Bharati vidyapeeth's college of Engineering, Kolhapur.**

Agrees to explore opportunities for collaboration in the areas described here under:

1. Sponsorship of final year project : **Diet Modelling Using Nutritional Requirement Analysis**
2. Sharing the technology for academic purpose only.
3. Internship program for students as per requirements.
4. Any other academic activity with mutual consent.

**Nutrition Hub** and Department of Computer Science & Engineering Bharati Vidyapeeth's College of Engineering, Kolhapur agrees to share the information in strict confidence and will respect the intellectual property right of each other.

Stamp and Sign



**Prof. Miss. S. M. Mulla**  
HOD- CSE Dept

Stamp and Sign



**Dr. V. R. Ghorpade**  
Principal

Stamp and Sign

**Miss. Rohini R. Porlekar**  
Managing Director  
  
NUTRITION HUB  
DIET CONSULTANCIES  
**Dt. Rohini Ramesh Porlekar**  
PGDND (Nutrition And Dietetics)  
Certification No:-B20:31813

# Nutrition HUB

Address : 1869 'B' ward,  
Sambhaji Nagar, Kolhapur.

Dt. Rohini Ramesh Porlekar.

Diet and Nutrition Consultant

Post-Graduation Diploma in Nutrition & Dietetics

Certification no: B20:31813

Reference no: 4B/2022

Date :- 24-01-2021

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 " **Nutrition Hub** , 1869 'B' ward, **Sambhaji Nagar, Kolhapur.**" has chosen following students for being sponsored and given Internship under our Student Development and Encouragement Program for completing their final year project.

1. Mr. Mahesh Santosh Petkar
2. Mr. Sameer Santram Lokare
3. Mr. Ashutosh Uttam Nalawade
4. Mr. Anand Laxman Salunkhe
5. Mr. Ajay Uday Thanekar

## **DIET MODELLING USING NUTRITIONAL REQUIREMENT ANALYSIS**

The "DIET MODELLING USING NUTRITIONAL REQUIREMENT ANALYSIS" is a system which is planning to be designed for the Dieticians to create their clients diet plan and also the individual users or peoples who wants to get a healthy diet plan for their needs. This DIET Calculation System create client DIET plan. This project mainly preferred for the all type of peoples for creating their required DIET plan. The main targeted user of this system is the doctor or dietician who is going to create diet chart of patient

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, NUTRITION HUB

DIET CONSULTANCIES

Dt. Rohini Ramesh Porlekar

PGDND (Nutrition And Dietetics)

Certification No:-B20:31813

Sign and stamp of Director

Miss. Rohini R. Porlekar.

*R. Porlekar*

# Nutrition HUB

Address : 1869 'B' ward,  
Sambhaji Nagar, Kolhapur.

Dt. Rohini Ramesh Porlekar.  
Diet and Nutrition Consultant  
Post-Graduation Diploma in Nutrition & Dietetics  
Certification no: B20:31813

Reference no: 7A

Date:- 12-06-2021

To,  
Principal,  
Bharati Vidyapeeth'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 "DIET MODELLING USING NUTRITIONAL REQUIREMENT ANALYSIS" with our organization. The project work which is completed is genuine and legitimate.

- Mr. Mahesh Santosh Petkar (60)
- Mr. Sameer Santram Lokare (58)
- Mr. Ashutosh Uttam Nalawade (59)
- Mr. Ajay Uday Thanekar (62)
- Mr. Anand Laxman Salunkhe (61)

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,

*R. Porlekar*  
 Stamp and Sign  
 NUTRITION HUB  
 DIET CONSULTANCIES  
 Dt. Rohini Ramesh Porlekar  
 PGDND (Nutrition And Dietetics)  
 Certification No: B20:31813  
 Managing Director

## MEMORANDUM OF UNDERSTANDING(MOU)

PARTY1-



PARTY2-Department of Civil Engineering,

**Bharati Vidyapeeth College of Engineering, Kolhapur.**

Following MOU has been agreed and finalized between the above-mentioned party 1 & party 2.

1. Party 1 will explore the possibilities of permitting the students of party 2 undergo vocational in plant training and will entertain such request from party2,whenever possible, with prior permission.

2. Party 1 will extend their support and sponsorship for the project of B.E. of party 2,identified with mutual understanding. Party 1 will also permit the use of their equipment and facilities to the students for this purpose.

3. Party 1 will allow usage of their library facilities, relevant standards and hand books to the students of party 2, if required, for the projects.

4. Party 1 will allow industrial visits to the students of party 2 with prior permission.

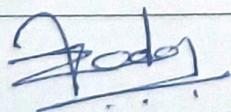
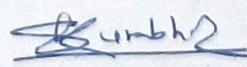
5. Party 1 will permit their executives and experts to render their expertise for the benefit of students of party 2, through expert lectures, seminars etc.

6. Party 2 will make available their library facilities, reference books, journals and hand books for on the spot reference to party 1.

7. Party 2 will offer technical consultancy service to party 1 as required. Scope and terms of such consultancy work may be decided with mutual understanding.

8. Specific task assessments in the areas not mentioned in this MOU may be explored and undertaken with mutual consent of both Party 1 and Party 2.

This MOU has been signed on the 15<sup>th</sup> July 2021.

For Party 1	For Party 2
 HEAD DEPARTMENT OF CIVIL ENGINEERING BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR. (signature with seal)	 Santosh D. Kumbhar D.C.E. BE (Civil), M.E. (Const. & Mgt.) Consulting Engineer Cell. 9850896220 (signature with seal)



# Bharati Vidyapeeth's College of Engineering, Kolhapur.

## Department of Civil Engineering

Date:10/03/2021

### NOTICE(F.Y.B.Tech.)

All F.Y.B.Tech. Students are hereby informed you that as per the need of curriculum of F.Y.B.Tech. for the subject of Basic Civil Engineering, we are arranging site visit to Residential G+ 13 structure at Elixia Park,Kolhapur. The site visit is organized on date 18<sup>th</sup> March, 2021. So, it is compulsory to attend the same.

Location of site:

1.Elixia Park,

Near Star Bazar,

Opp Hotal Sayaji, Kolhapur 416003.

Prof.N.A.Mohite

Site Visit Coordinator

Prof.V.V.Mane

Practical Teacher

Prof.V.S.Kadam

Subject Teacher

Date:10/03/2021

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

Subject: To get permission for educational site visit to Residential structure

Respected sir,

As per the need of syllabus, we are arranging site visit to Residential and commercial structure. As per the curriculum of F.Y.B.Tech.A Division for the subject of Basic Civil Engineering the site visit to RCC structure is necessary. The study of various elements of the building will add knowledge to our students. The site visit is organized on date 18<sup>th</sup> March, 2021.

For the same we require our college bus. So, kindly permit for the same.

Location of site:

1.Elixa park, station road  
Dist.Kolhapur-416010.

Thanking you.



Prof.N.A.Mohite  
Site Visit Coordinator



Prof. V.S.Kadam  
HOD Civil and Subject Teacher



Dr. R.K.Chougule  
First Year Coordinator

Permitted  
7/6/21



## BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR

- **Organizing Department:** Civil Engineering Department
- **Name of Activity:** Educational site visit to Elixia Park, Near Star Bazar, Opposite to Hotal Sayaji, Dist. Kolhapur.
- **Name of Coordinator:** Prof. N. A.Mohite and Prof.V.V.Mane.
- **Name of Resource Person :** Mr. Ajaysinh V. Desai,Builders and Contractors, Elixia Park Dist. Kolhapur
- **Date of Activity :** 18<sup>th</sup> March,2021
- **Participants:** F.Y.B.Tech. (CSE) Div. A
- **Details of Activity:** Educational site visit is considered as one of the tactical methods of teaching. The main reason behind this: it lets student to know things practically through interaction, working methods and employment practices. Moreover, it gives exposure from academic point of view. Students observed the different activities and techniques carried out on construction site. Technology development is a main factor, about which a students should have a good knowledge. Mr. Ajaysinh V. Desai,Builders and Contractors, Elixia Park and Mr.Manoj Khade, Site Engineer, explained the various technologies adopted in the construction of building. Vote of thanks was given by Prof.N.A.Mohite and Prof.V.V.Mane Sir.
- **Outcome of Activity: Updating of Student's Knowledge.**
  1. Students can gain a combined knowledge about both theory and practical.
  2. To enhance their practical knowledge in subject BCE (Basic Civil Engineering).
  3. Students understood how the planning, designing and detailing of RCC building is done as per the IS code and what are the measure consequences at construction site while doing the site work.
- **Photos:**



  
Prof. V.V.Mane    Prof. N.A.Mohite  
Coordinators

  
Prof. V.S.Kadam  
H.O.D.

  
Dr. V.R.Ghorpade  
Principal



BHARATI VIDYAPEETH'S  
COLLEGE OF ENGINEERING, KOLHAPUR

DEPARTMENT : \_\_\_\_\_

THEORY ATTENDANCE SHEET

Class :	Shift :	Div :	Subject : Site Visit to Eliza Park					
Year :			Name of the Faculty : NDM					
Sem :			From :			To :		
Roll No.	Name	Date :	Date :	Date :	Date :	Date :	Date :	
1	Shweta Bhogavakar	18/03/21						
2	Athawa Charanekar	Aske						
3	Ramraj Desai	Ramraj						
4	Anilcet Goze	A.						
5								
6	Wahid Karol							
7								
8	Abhishek R. Borade	Abhishek						
9	Ritik S. Rokde	R.						
10								
11								
12	Ritesh Kamble	Ritesh						
13	Rutik K. Magd	Rutik						
14	Prasad R. Mane							
15	Abhijeet Bhillare	Abhi						
16								
17	Ashpak H Momin	Ashpak						
18	Tejus D. Dorrade	Tejus						
19	Sanket A. Kamble	Sanket						
20	Milhil A. Budde	Milhil						
21	Sanket Balvant Budhakar	Sanket						
22	Onkar A. Chavani	Onkar						
23	Chougale Uttaraksh Sanjay	Uttaraksh						
24	Prushant S. Dobhode	Prushant						
25	Resati Anil Dalavi	Anil						
26	Pruthvikay J. Daware	Pruthvikay						
27								
28								
29	Shrutika P. Gavali	Shrutika						
30	Kamesh C. Gade	Kamesh						
31								
32	Prathmesh A. Jadhav	Prathmesh						
33	Sacombh S. Jadhav	Sacombh						
34								
35	Jagtap Pradnya B.	Jagtap						
36	Shreyash M. Kalkutale	Shreyash						
37								
38	Yash Prafull Kamble	Yash						
39								
40								
41								
42	Saiaraj Dadaso Mane	Saiaraj						
43								

Roll No.	Name	Date :	Date :	Date :	Date :	Date :	Date :
44							
45	Vaibhav. G. Nalawade	<u>Nalawade</u>					
46							
47	Swarangi. D. Parab.	<u>Parab</u>					
48	Komal U. Paralkar	<u>Paralkar</u>					
49							
50							
51	Deepali S pahil	<u>Pahil</u>					
52							
53							
54							
55	Shreya. A. Pahil	<u>Pahil</u>					
56							
57	Shivraj Satish Pawar	<u>Pawar</u>					
58	pawar swapnil natter	<u>Natter</u>					
59	Pratiksha pawar	<u>Pawar</u>					
60							
61							
62							
63							
64	Shreyash P Sawant	<u>Sawant</u>					
65							
66	Shubh Ashay Intiyay	<u>Intiyay</u>					
67							
68	Shendage Omkar R.						
69							
70	Sutar Anushka B.	<u>Anushka</u>					
71	Sutar Krunchal sanjay	<u>Sanjay</u>					
72							
73	Sutar Suchitra Sanjay	<u>Sanjay</u>					
74	Tadogare Shivam Dilip	<u>Dilip</u>					
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	Sign of the Staff						



# **Bharati Vidyapeeth's College of Engineering, Kolhapur.**

## **Department of Civil Engineering**

**Date:12/11/2021**

### **NOTICE**

#### **(Final Year B.Tech. Students)**

All Final Year B.Tech. students are hereby informed you that as per the need of curriculum of Final Year B.Tech. for the subject of Transportation Engineering-I, we are arranging site visit to road construction site. The site visit is organized on date 12th November,2021.

So, it is compulsory to attend the same.

Location of site:

1. K.M.T.Colony, Infront of BVCOE,  
Kolhapur

Prof.N.A.Mohite

Site Visit Coordinator

Prof.V.S.Kadam

HOD Civil and Subject Teacher

Date:10/11/2021

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

Subject: To get permission for educational site visit to Residential structure

Respected sir,

As per the need of syllabus, we are arranging site visit to Road construction site. As per the curriculum of Final Year.B.Tech. for the subject Transportation Engineering the site visit to Road construction site is necessary. The study of various elements of the road will add knowledge to our students. The site visit is organized on date 12<sup>th</sup> November, 2021. For the same we require our college bus. So, kindly permit for the same.

Location of site:

1.KMT colony  
Dist.Kolhapur-416010.

Thanking you.



Prof.N.A.Mohite  
Site Visit Coordinator



Prof.V.S.Kadam  
HOD Civil and Subject Teacher



Dr. R.K.Chougule  
First Year Coordinator

Permitted  
7/11/21



## BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR

- **Organizing Department:** Civil Engineering Department
- **Name of Activity:** Educational site visit to K.M.T.Colony, Infront of BVCOE, Kolhapur Dist. Kolhapur.
- **Name of Coordinator:** Prof. N. A. Mohite
- **Name of Resource Person:** Mr. V.K.Tonape, Road Contractor, Dist. Kolhapur
- **Date of Activity:** 12<sup>th</sup> November, 2021
- **Participants:** Final Year B.Tech. Students *Total 45 students*.
- **Details of Activity:** Educational site visit is considered as one of the tactical methods of teaching. The main reason behind this: it lets student to know things practically through interaction, working methods and employment practices. Moreover, it gives exposure from academic point of view. Students observed the different activities and techniques carried out of road construction site. Technology development is a main factor, about which a students should have a good knowledge. Mr. V.K.Tonape, Road Contractor explained the various technologies adopted in the construction of road. Vote of thanks was given by Prof.N.A.Mohite Sir.
- **Outcome of Activity: Updating of Student's Knowledge.**
  1. Students can gain a combined knowledge about both theory and practical.
  2. To enhance their practical knowledge in subject Transportation Engineering.
  3. Students understood how the planning, designing and detailing of Road pavement is done as per the IRC code and what are the measure consequences at construction site while doing the execution.
- **Photos:**



  
Prof. N.A.Mohite  
Coordinator

  
Prof.V.S.Kadam  
H.O.D.

  
Dr.V.R.Ghorpade  
Principal



BHARATI VIDYAPEETH'S  
COLLEGE OF ENGINEERING, KOLHAPUR

DEPARTMENT : CIVIL

THEORY ATTENDANCE SHEET

Class :	Shift :	Div :	Subject : <u>Site visit to KMT Colony</u>					
Year :			Name of the Faculty : <u>NAM</u>					
Sem :			From :			To :		
Roll No.	Name	Date :	Date :	Date :	Date :	Date :	Date :	
		<u>12/11/21</u>						
1	Shweta Bhogavakar	<u>Shweta</u>						
2	Atharva Charonkar	<u>As. Char</u>						
3	Ramraj Desai	<u>Desai</u>						
4	Aniket Gote	<u>Ag.</u>						
5	Harshal Kulk	<u>H.Kulk</u>						
6	Kashif Karal	<u>K</u>						
7	Vishwajeet R. Magare	<u>V. Magare</u>						
8	Abhishek R. Bhurale	<u>Abhishek</u>						
9	Ritik S. Rokde	<u>R.S. Rokde</u>						
10	Sushant Gutar	<u>S</u>						
11	Ketan Jawalkar	<u>K</u>						
12	Ritesh Kamble	<u>Ritesh</u>						
13	Rutik Jagadum	<u>RJ</u>						
14	Prasad R. Mane	<u>P.R. Mane</u>						
15	Abhijeet V. Bhillare	<u>Abhi</u>						
16	Ashish P. Mahajan	<u>Ashish</u>						
17	Ashpak H. Momin	<u>Ashpak</u>						
18	Tejas D. Darade	<u>Tejas</u>						
19	Sanket A. Kamble	<u>Sanket</u>						
20	Absent							
21	Sanket. Ashant. Burhale	<u>Sanket</u>						
22	Absent							
23	Absent							
24	Prashant S. Dobhade	<u>Prashant</u>						
25	Ravali Anil Dalavi	<u>Ravali</u>						
26	Prathviraj J. Devadate	<u>Prathviraj</u>						
27	Jyotiraditya Desai	<u>Jyotiraditya</u>						
28	Prabhakar P. Jadhav	<u>Prabhakar</u>						
29	Shrutika P. Gavali	<u>Shrutika</u>						
30	Hemanshu C. Gawade	<u>Hemanshu</u>						
31	Jadhav Atharv S.	<u>Atharv</u>						
32	Jadhav Prathmesh A.	<u>Prathmesh</u>						
33	Jadhav Sourabh S.	<u>Jadhav</u>						
34	Jadhav Sourabh Sagarao	<u>Jadhav</u>						
35	Jagtap Pradnya B.	<u>Jagtap</u>						
36	Shreyash M. Kalkutalei	<u>Shreyash</u>						
37	Parsharam Vijay Kamble	<u>Parsharam</u>						
38	Yash Prafull Kamble	<u>Yash</u>						
39	Pratik Rajendra Lael	<u>Pratik</u>						
40	Riteshkumar Netaji Londhe	<u>Riteshkumar</u>						
41	Omkar Rajendra Malavade	<u>Omkar</u>						
42	Sauraj D. Mane	<u>Sauraj</u>						
43	Prathmesh R. Mohite	<u>Prathmesh</u>						

No. PTI/RTTC Pune/MOU/08/20-21

Dated: 29/08/2020

Draft for

Memorandum of Understanding

Between

Bharati Vidyapeeth's

College of Engineering, Kolhapur

(Accredited by NAAC 'A' Grade)

Near Chitranagari Kolhapur -416013

and

Regional Telecom Training Centre,

Bharat Sanchar Nigam Limited

(A Government of India Enterprise)

Plot No. 121/122, MIDC 'G' Block, Chinchwad, Pune - 411019



Bharati Vidyapeeth's College of Engineering, Kolhapur started in the year 2001 with the programmes :- Computer Science and Engineering, Electronics and Telecommunication Engineering & Information Technology. All with an intake of 60. Two new branches namely Mechanical Engineering and Electronics Engineering were added from 2006-2007 and Civil Engineering from academic year 2011-2012 with an intake of 60 each. The Bharati Vidyapeeth college of Engineering is a private, self financing institution. The college is recognized by All India Council for Technical Education (AICTE) and is affiliated to Shivaji University, Kolhapur. The college is Accredited by NAAC with 'A' Grade.

The Regional Telecom Training Center, Pune (RTTC, BSNL, Pune) located in Chinchwad, Pune, is a unit of Bharat Sanchar Nigam Limited, a Government of India Enterprise. RTTC, Pune came into existence in the year 1995 under the academic control of Advance Level Telecom Training Center (ALTTTC) Ghaziabad and Bharat Ratna Bhim Rao Ambedkar Institute of Telecom Training (BRBRAITT), Jabalpur. RTTC, Pune is responsible for imparting training in Telecommunication Technology to BSNL and Non BSNL organization. The cadres trained here are JTOs, SDEs, under Group B and JE/TTAs under Group C officers/officials of the Department and Engineering students etc.

This MoU between **Bharati Vidyapeeth's College of Engineering, Kolhapur** and **Regional Telecom Training Center, Pune** assigns herewith on MoU Dated: \_\_\_\_\_ by Dr. Vijay R. Ghorpade Auth Signatory, on behalf of Bharati Vidyapeeth's College of Engineering, Kolhapur and the Principal, RTTC Pune, on behalf of RTTC, Pune, for organizing the Training programs.

BSNL RTTC, Pune, proposes following courses:

1. Free Informative webinar / seminar / lecture on various latest telecom and management topics (online/offline)
2. Skill Development courses as per TSSC/NSDC (Free/Paid)
3. Vocational Training in Basic Telecom Technologies (VT-Basic)
4. Vocational Training in Advanced Telecom Technologies (VT-Advanced)
5. Industrial Visits to BSNL Telecom Infrastructure
6. Self-supporting Employability Enhancement Training Program (SSEETP)
7. Internship program
8. Major projects assistance
9. Faculty Development Program
10. Customized courses as per the requirements

Above training courses will be conducted subject to availability of trainers/other time to time constraints & on the basis of the following terms and conditions:

1) Areas of collaboration :

- a. To conduct training programs and 'hands-on' experience to the faculty and students of the Bharati Vidyapeeth's College of Engineering, Kolhapur



- b. To organize exchange of know how between faculties of the college and the engineers/managers working in BSNL.
- c. To organize industrial visits for students of Bharati Vidyapeeth's College of Engineering, Kolhapur with mutual consent.
- d. To provide in-plant training to the students of Bharati Vidyapeeth's College of Engineering, Kolhapur with mutual consent.
- e. To train the students to enhance their employability by conducting training programs to bridge the gap between academics and industry.
- f. To provide the link of BSNL RTTC Pune and information of the various training programs to be conducted by BSNL RTTC Pune on Bharati Vidyapeeth's College of Engineering, Kolhapur website and their notice boards for information and wide publicity among students/faculties.

2) **Mobilization and Selection :**

- a. **RTTC Pune** has agreed to impart training on proposed Telecom Training Courses to Engineering students as per the terms and conditions of this MoU.
- b. **Bharati Vidyapeeth's College of Engineering, Kolhapur** shall display **notification on website & notice board** and carry out the Selection of students for the training/s.
- c. Bharati Vidyapeeth's College of Engineering, Kolhapur shall send a detail list of selected students to RTTC, Pune in the given format (also in soft copy), one week prior to the commencement of the training.
- d. RTTC, Pune shall submit a course commencement letter prior to the commencement of the course.

3) **Training Service Delivery:**

a. **Infrastructure-**

1. RTTC, Pune shall conduct the course at its authorized training centers only.
2. RTTC, Pune shall ensure that the training centers should have the minimum facilities like good classrooms and other good facilities for conducting training.
3. For online training courses, RTTC Pune shall conduct online, live and interactive sessions through the subject matter experts.
4. In case of availability of the trainers / subject matter experts, training sessions may be conducted at the location of the Bharati Vidyapeeth's College of Engineering, Kolhapur. In such cases the training infrastructure and accommodation for the trainers / subject matter expert trainers shall be provided by the Bharati Vidyapeeth's College of Engineering, Kolhapur.

b. **Course Content -**

1. RTTC, Pune shall develop latest syllabus and training materials based on requirement of industries and the relevant sectors & similar course being delivered to AICTE accredited colleges in India which would be based on



practical interactive training. A copy of syllabus shall be submitted to Bharati Vidyapeeth's College of Engineering, Kolhapur before commencement of first batch of training.

2. RTTC, Pune shall conduct the training/s only as per the course contents submitted to Bharati Vidyapeeth's College of Engineering, Kolhapur. RTTC, Pune shall ensure that all trainers deputed by them have the relevant education, experience and skill set for conducting the proposed training/s.
3. RTTC, Pune shall arrange time to time industrial visits of Telecom installations during the tenure of training/s as per the syllabus of the course.
4. The SSEETP course shall have 3 certificates Silver, Gold & Platinum for 3 semester (5<sup>th</sup>, 6<sup>th</sup> and 7<sup>th</sup>) of BE (E&TC) students comprising of 56 weeks.

**c. Attendance -**

1. RTTC, Pune shall maintain the attendance of the candidates and the attendance data shall be submitted to the Skill Development Cell, Bharati Vidyapeeth's College of Engineering, Kolhapur.
2. Bharati Vidyapeeth's College of Engineering, Kolhapur shall take special efforts to ensure that each candidate is attending the training minimum 80%. Attendance records will be maintained by RTTC Pune in the physical registers and submitted to Bharati Vidyapeeth's College of Engineering, Kolhapur if demanded.
3. RTTC, Pune will submit report to Bharati Vidyapeeth's College of Engineering, Kolhapur about the candidates who are irregular after completion of the 10% of the total duration of training course, Bharati Vidyapeeth's College of Engineering, Kolhapur will take the necessary action.

**4) Monitoring and Evaluation of Training:**

Bharati Vidyapeeth's College of Engineering, Kolhapur may inspect the training programs randomly by deputing authorized persons and it is binding on RTTC, Pune to extend all support to Bharati Vidyapeeth's College of Engineering, Kolhapur. RTTC, Pune will rectify any shortcomings observed during the visits on an immediate basis, as per terms and conditions of this agreement.

**5) Assessment and Certification:**

- a. RTTC, Pune will conduct examination/Evaluation of the students and award the grade indicating completion of Training.
- b. RTTC, Pune shall provide certificates to the trained and successful candidates on last day or any convenient day of closing as agreed. The certificate should be provided in collaboration with Bharati Vidyapeeth's College of Engineering, Kolhapur
- c. RTTC, Pune may conduct re-examination for the unsuccessful candidates to give them one more opportunity.

**6) Financial Terms and Conditions:**



- a) Fee Structure for the training courses is as per the Annexure 'A' of this MoU.
- b) Bharati Vidyapeeth's College of Engineering, Kolhapur will submit the fees batch wise.
- c) Food charges (breakfast, lunch, evening snacks and dinner) to be paid directly to the mess contractor of the Hostel of RTTC Pune by the students. The allotment of the Hostel room is subject to availability.
- d) The contract may be extended to conduct more batches at different places, based on the mutual agreement and feasibility.
- e) The total training charges are to be paid within 5 days from the date of commencement of the training either through DD in favour of Accounts Officer (Cash), BSNL, Pune or through NEFT to an authorized account which will be provided after this agreement.
- f) No refund of fees for drop outs or if the trainee discontinue the training during training period within one module Silver/Gold/Platinum will be entertained.

#### 7) Reporting:

- a. A comprehensive report (Attendance/Evaluation etc.) of the training shall be furnished by RTTC, Pune to Bharati Vidyapeeth's College of Engineering, Kolhapur. In response Bharati Vidyapeeth's College of Engineering, Kolhapur will submit the satisfaction report.

#### 8) Confidentiality:

The parties agree to maintain the confidentiality and shall not disclose contents of this agreement to any third party or shall not use for any purpose (other than in connection with this MoU) any information relating to the other's business which is marked 'Confidential' or its clearly by its nature confidential without the disclosing party's written consent. Each of the parties may disclose the other's confidential information to the employees, agents, contractors and professional advisors on a need to know basis and to others having a legal right or duty to know that information

#### 9) Other Terms and Conditions:

- a. This MoU is valid for 36 months from the date of signing of this MoU and the terms of MoU may be extended further with mutual consent.
- b. Any additional conditions regarding monitoring, assessment, evaluation and MIS etc. and other issues related to implementation will be worked out Bharati Vidyapeeth's College of Engineering, Kolhapur and Principal, RTTC, Pune in mutual agreement with each other. RTTC, Pune shall ensure that each candidate will submit an undertaking that he/she will abide by the rule and regulation of RTTC, Pune.
- c. Bharati Vidyapeeth's College of Engineering, Kolhapur shall ask student to submit the duly attested documents of each candidate such as academic qualification certificate, Student Id, Passport size photographs (3 nos.), PAN driving license/adhaar card/voter id, etc



**10) Resolution and Arbitration :**

- a. In case of dispute there shall be an arbitration committee comprising of representative/s nominated by Bharati Vidyapeeth's College of Engineering, Kolhapur and representative/s nominated by Principal, RTTC, Pune. The decision of the arbitration committee shall be binding on both the parties.
- b. No party shall be entitled to go to the 'Court of Law' except otherwise it is advised by the arbitration committee. However, in all such cases jurisdiction of court will be in Pune only.

**11) Force Majeure:**

- a. Force majeure shall mean any unforeseeable exceptional situation or event beyond the parties' control which prevents either of them or their agents/authorized representatives from fulfilling any of their obligations under this agreement, was not attributable to error or negligence on their part, and proves insurmountable in spite of all due diligence.
- b. Any of the University / Institute / Engineering College or RTTC, Pune faced with majeure shall inform the other party without delay by registered letter with advice of delivery or equivalent, stating the nature, probable duration and foreseeable effects.
- c. Neither Bharati Vidyapeeth's College of Engineering, Kolhapur nor RTTC, Pune shall be held in breach of their obligations under the agreement if they are prevented from fulfilling them by force majeure. Each of Bharati Vidyapeeth's College of Engineering, Kolhapur or RTTC, Pune shall make every effort to mitigate any losses suffered due to force majeure. If Bharati Vidyapeeth's College of Engineering, Kolhapur or RTTC, Pune fails to make necessary efforts by which the losses caused due to force majeure can be mitigated then the other party shall have the right to terminate this Agreement.

**12) Term and Termination:**

This Agreement shall be effective from the date of execution and shall continue till entire period of this MoU and the same is duly accepted by **Bharati Vidyapeeth's College of Engineering, Kolhapur** under signature of its authorized signatories or unless terminated in accordance with the provisions of this agreement, whichever is earlier. Notwithstanding anything stated herein upon expiry or early termination of this agreement, all obligations of the Parties shall cease to be valid and enforceable.

**13) Miscellaneous:**

- a. Any modification/amendments to this agreement can only be made in written and signed by both parties subject to approval of the competent authority of BSNL.



- b. This agreement does not restrict either party from participating in similar activity with other private or public agencies, organizations and individuals.
- c. Bharati Vidyapeeth's College of Engineering, Kolhapur and Principal RTTC, Pune will take the final decision whether to continue working on further project.
- d. Bharati Vidyapeeth's College of Engineering, Kolhapur will issue separate work order for each course.
- e. The students, in reference with the MoU, must abide by the following rules in the campus of RTTC, BSNL, Pune :
1. The students staying in the hostel must abide by the rules and regulations of the hostel as may be framed from time to time.
  2. No student shall come into / give up / shift / alter the assigned accommodation in any room of residence or any lecture hall / lab in academic building / without prior written permission.
  3. In the event of loss of any personal property of a student due to theft, fire or any other cause the BSNL shall not bear any responsibility and shall not be liable for payment of any compensation.
  4. Students are prohibited from taking any undue or unlawful risk, which may cause heavy loss to somebody's life or his/her own life. In case of any such incident RTTC, BSNL, Pune shall not bear any responsibility for the accidents or the loss of life due to such prevented acts.
  5. The students / trainees are prohibited from behaving in any form of unlawful and unethical manner, like smoking, liquors, eve teasing, creating noise disturbing others, etc. in the campus of RTTC, BSNL, Pune. If found doing such unlawful and unethical activities, the training will be terminated for such students / trainees and no refund of training charges will be done.

Signed on Date: 29/08/2020

Signature:



Name:

Principal

Designation:

Bharati Vidyapeeth's  
College Of Engineering, Kolhapur

Witness:

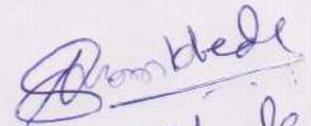
Name: Mr. R. R. Suryawanshi

Signature:



Designation: Assistant Professor

Signature:



Name:

N.S. Wankhede

Designation:

PRINCIPAL, RTTC, BSNL, PUNE

RTTC, BSNL, CHINCHWAD, PUNE

Name:



Signature:

Nitin D. Bavaskar

Designation:

उपमंडल अभियंता (क्षे.दू.प्र.कें.)

SDE (RTTC)

भा.सं.नि.लि., क्षे.दू.प्र.कें.

BSNL, RTTC,

चिंचवड, पुणे - १९

Chinchwad, Pune-19

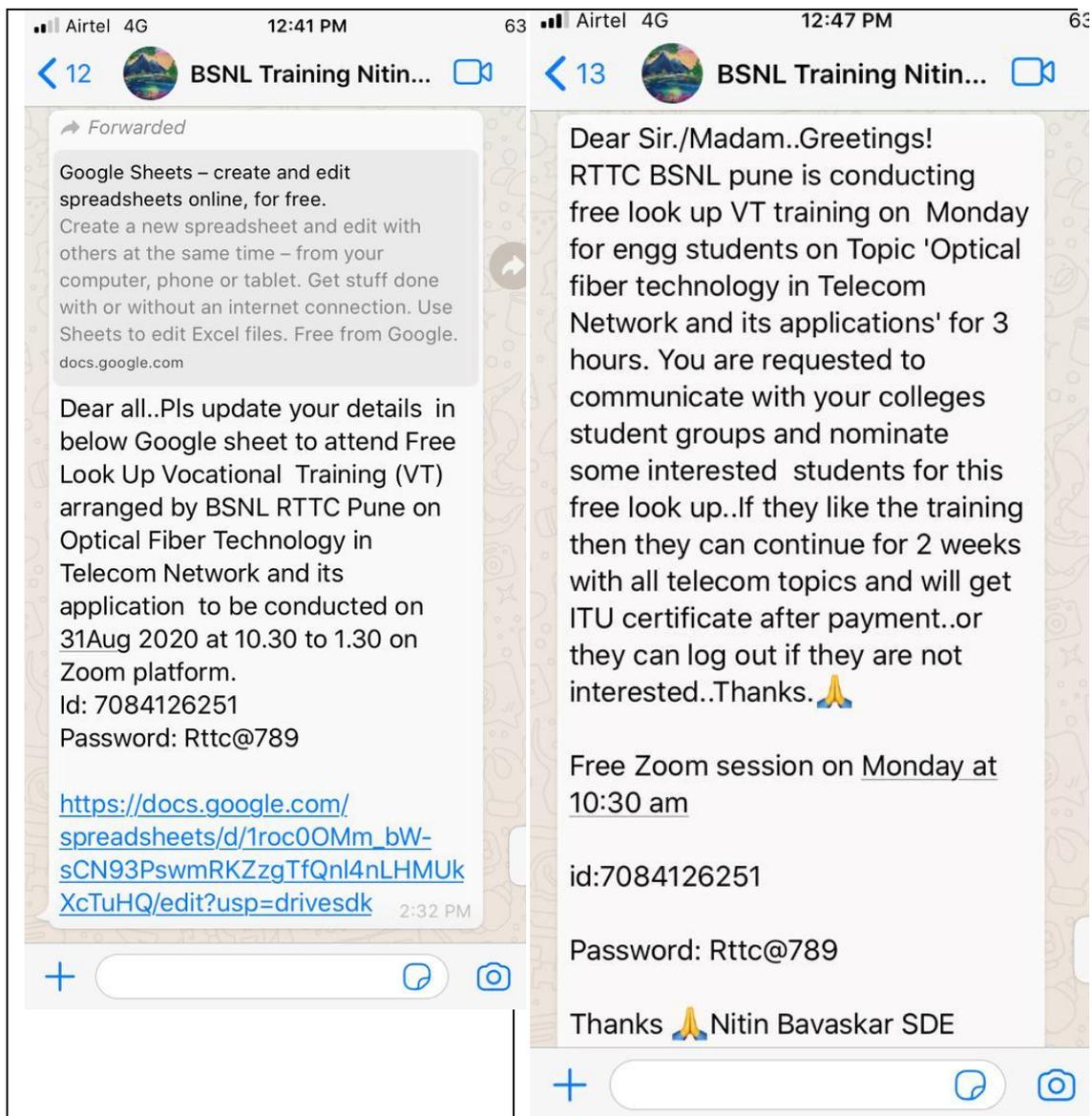


- **Organizing Department** : Industry Institute Interaction Cell
- **Name of Activity** : Online Look up Training on “Optical Fiber Technology in Telecom Network & its applications”
- **Date of Activity** : 31<sup>st</sup> Aug 2020
- **No. of Participants** : 27
- **Resource Person** : Mr.Nitin Bawaskar (BSNL RTTC Pune)
- **Details of Activity** : Online Look up Training session on “Optical Fiber Technology in Telecom Network & its applications” was organized by Department of Electronics and Telecommunication Engineering as part of Industry Institute Interaction for Students of Final Year on 31<sup>st</sup> August 2020. Approximately 27 students participated in online session. The Resource person for training was Mr.Nitin Bawaskar (BSNL RTTC Pune).

The main objective of this training is to make students acquainted with the conceptual as well as practical use of Optical Fiber Technology in field of Networking .

- **Outcome of Activity** :
  - Students are able to understand need of Optical Fiber Technology.
  - Students are able to know basic fundamental concept of Networking.
  - Students are able to apply the knowledge of analog & digital communication acquired during their course of studies.
- **How it Bridges gap between Industry and Academia:** This Training session can be helpful to students in order to make them aware about the latest technologies used in Industry and current advancement in field of networking.
- **Photo:**

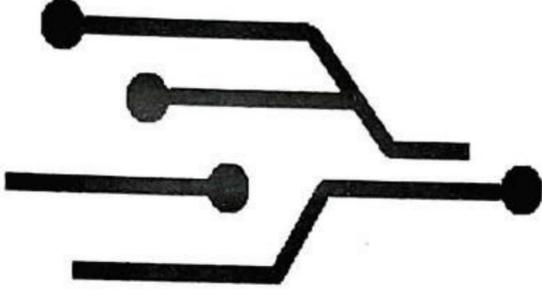




Mr.R.R.Suryawanshi  
**Co-Ordinator**

Dr.K.R.Desai  
**HOD**

Dr. Vijay R. Ghorpade  
**Principal**



ETHERNET SOLUTIONS Pvt. Ltd.

Near Shalini Palace, Hari Om Nagar, Kolhapur.

Kolhapur - 416012.

Phone No. : 7770006645

E-Mail: [ethernetsols@gmail.com](mailto:ethernetsols@gmail.com)

Outward number :- ESPL\15D\2021

Date :- 08/07/2020

## **MEMORANDUM OF UNDERSTANDING**

In order to declare their joint intention to cooperate in some or all the fields of academics and industrial endeavor for their mutual benefit.

**Party 1: ETHERNET SOLUTIONS PVT. LTD., Kolhapur.**

**Party 2: Department of Computer Science & Engineering, Bharati Vidyapeeth's college of Engineering, Kolhapur.**

Agrees to explore opportunities for collaboration in the areas described here under:

1. Sponsorship of final year project.
2. Sharing the technology for academic purpose only.
3. Internship program for students as per requirements.
4. Any other academic activity with mutual consent.

ETHERNET SOLUTIONS Pvt. Ltd., Kolhapur and Department of Computer Science & Engineering Bharati Vidyapeeth's College of Engineering, Kolhapur agrees to share the information in strict confidence and will respect the intellectual property right of each other.

**Ethernet Solutions**

*R S Dharmadhikari*  
**Proprietor**

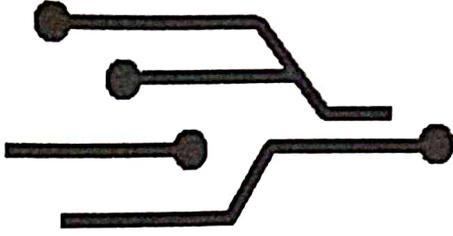
*S M Mulla*

**Prof. S M Mulla**  
**HOD- CSE Dept**

*V R Ghorpade*

**Dr. V R Ghorpade**  
**Principal**

**R S Dharmadhikari**  
**Managing Director**



**ETHERNET SOLUTIONS Pvt. Ltd.**

**Near Shalini Palace, Hari Om Nagar, Kolhapur.**

**Kolhapur - 416012.**

**Phone No. : 7770006645**

**E-Mail: [ethernetsols@gmail.com](mailto:ethernetsols@gmail.com)**

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Outward number:- ESPL\15D\2021

Date:-08/07/2020

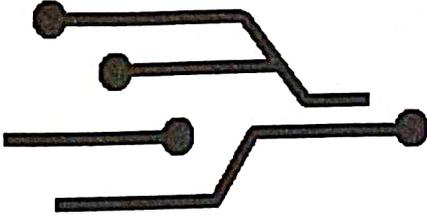
To,  
Principal,  
Bharati Vidyapeeth's College of Engineering, Kolhapur.

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

Respected Sir,

We are pleased to inform you that our organization ETHERNET SOLUTIONS Pvt. Ltd. Near Shalini Palace, Hari Om Nagar, Kolhapur has chosen following students for being sponsored and given Internship under our Student Development and Encouragement Program for completing their final year project.

1. **Mr. Aswale Sushant Dasharath**
2. **Mr. Chendake Aadesh Sanjay**
3. **Ms. Katke Jyoti Ramesh**
4. **Ms. Shinde Nirmiti Suresh**
5. **Mr. Suryawanshi Yash Anil**



ETHERNET SOLUTIONS Pvt. Ltd.

Near Shalini Palace, Hari Om Nagar, Kolhapur.

Kolhapur – 416012.

Phone No. : 7770006645

E-Mail: [ethernetsols@gmail.com](mailto:ethernetsols@gmail.com)

## COMPLETION LETTER

This certifies that the project "Program-O" has been successfully completed and it is ready to be implemented by the following 'Final Year B.E. Computer Science and Engineering students' of Bharati Vidyapeeth's College of Engineering, Kolhapur. This application fulfills all the requirements that were analyzed and it is working error free.

The team has taken all the efforts to complete the project.

Student Names:

Mr. Aswale Sushant Dasharath

Mr. Chendake Aadesh Sanjay

Ms. Katke Jyoti Ramesh

Ms. Shinde Nirmithi Suresh

Mr. Suryawanshi Yash Anil

Yours Truly,

**Ethernet Solutions**

  
**Proprietor**

R S Dharmadhikari

Managing Director



# BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR

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

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

DTE INSTITUTE CODE : EN-6288

Tel.No.: (0231) 2638893, 2638894, Fax : 2636050

Web : <http://coekolhapur.bharatividyaapeeth.edu> E-mail : [coekolhapur@bharatividyaapeeth.edu](mailto:coekolhapur@bharatividyaapeeth.edu)

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

Ref. No. BV/COEK / 17-A/2020-2021

Date : 25-7-2020

## MEMORANDUM OF UNDERSTANDING

Bharati Vidyapeeth's  
College of Engineering, Kolhapur.

And

Dr. J. J. Magdum College of Engineering, Jaysingpur.



This MEMORANDUM OF UNDERSTANDING is entered into on 27<sup>th</sup> July 2020 between Dr. J. J. Magdum College of Engineering, Jaysingpur District Kolhapur and Bharati Vidyapeeth's College of Engineering Kolhapur.

### Preamble

A collaborative effort in Engineering Education has become the key to success. Academic MoU encourages institutions to share expertise and infrastructure in various aspects with neighboring institutions and industries on viable collaborative/consultancy projects with specific time-frames and well-defined outputs. The collaboration could be in the areas of Joint projects of students, faculty and joint publications etc.

### 1. Purpose

The aim of this MoU is primarily to establish a written document under which both the technological institutes may enter into a written agreement to perform collaborative programs in the areas of mutual interest.

### 2. Areas of Collaboration

- I. To work jointly on research publications, consultancy assignments, faculty and staff development programs.
- II. To make collaborative efforts to organize Joint Conference/ Seminars/ Workshops at the Institute/departmental levels.
- III. To attend activities organized by both the institutes.

- IV. To organize supporting staff training programme.
- V. Any other activity not covered by this MoU with the prior agreement of both the institutes.

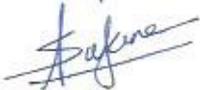
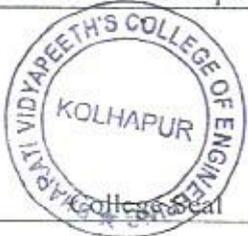
### 3. Agreement of Collaborative Program

- I. Each such collaboration undertaken by the institute shall describe in details the following:
  - a. The nature, scope and the time of collaborative schedule.
  - b. Any other provision as deemed to be necessary and mutually agreed upon.
- II. To prepare and finalize a concrete action plan and schedule for collaboration on priority areas as agreed upon.

### 4. Implementation and Action Plan

Dr. J. J. Magdum College of Engineering Jaysingpur and Bharati Vidyapeeth's College of Engineering Kolhapur shall endeavor to finalize the details of implementation and action plan of collaborative efforts to execute the parts of this MoU in the academic year 2019-20.

This MoU shall be effective from the date of signing the same and shall remain in effect for the mentioned year and may be renewed thereafter by mutual consent.

Dr. J. J. Magdum College of Engineering Jaysingpur	Bharati Vidyapeeth's College of Engineering Kolhapur
 1. Dean Academics: Mr. A. S. Sajane	 1. HOD ETC: Dr. K. R. Desai
 2. Principal: Dr. Mrs. S. B. Patil	 2. IQAC Coordinator: Dr. J. K. Patil
	 3. Principal: Dr. V. R. Ghorpade
	



## BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR

- **Organizing Department:** Dr.J.J.Magdum college of Engineering Jayasinghpur
- **Name of Activity** : Workshop on “Soft Skill Development”.
- **Date of Activity** : 18<sup>th</sup> Mar 2021
- **Resource Person** : Dr. Vidyanand S. Khandagale , Assistant Professor Department of Education Shivaji University Kolhapur
- **Details of Activity** :

Soft Skills is a very popular term nowadays, used to indicate personal transversal competences such as social aptitudes, language and communication capability, friendliness and ability of working in team and other personality traits that characterize relationships between people. Soft Skills are traditionally considered complementary of Hard Skills, which are the abilities to perform a certain type of task or activity. Dr.J.J.Magdum college of Engineering organized a university level workshop on “Soft Skill Development” under lead college concept on 18<sup>th</sup> Mar 2021 for non-teaching staff. For this workshop ten nonteaching staff from BVCOEK registered and attended this workshop. This session was conducted by Dr. Vidyanand S. Khandagale Assistant Professor Department of Education Shivaji University Kolhapur.

- **Outcome of Activity** : Non teaching staff gain knowledge regarding Soft Skill which will be beneficial to them in their working environment to improve their language and communication capability.

- Photo:





A handwritten signature in blue ink, appearing to be 'Dr. V. R. Ghorpade'.

**Principal**  
**(Dr.V.R.Ghorpade)**

### Non Teaching Staff Attended Workshop

Sr.No	Name	Department
1.	Mr.B.V.Suryawanshi	ETC
2.	Mr.P.B.Yadav	ETC
3.	Mr.K.V.Kadam	CSE
4.	Mr.Kishor.Patil	CSE
5	Mr.Sanjay Deshpande	Mech
6	Mr.M.M.Kasture	Mech
7	Mr.Sharad Suryawanshi	General Engineering
8	Mr Vinod Chougule	General Engineering
9	Mr.Ravi Patil	Mech
10	Mr.U.B.Mane	Civil



**DR. J. J. MAGDUM COLLEGE OF ENGINEERING, JAYSINGPUR**

(NAAC 'A' Grade & ISO 21001:2018 certified Institute)

**DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING**

**Under Lead College Activity Shivaji University, Kolhapur**



# Certificate

This is to certify that, Mr./Mrs./Miss *Mr. Kiran Vishnu Kadam from BVCOEK*  
Participated in university level workshop on **“Soft Skill Development”**  
(For all Non-Teaching Staff) organized by Dr. J. J. Magdum College of  
Engineering, Jaysingpur on 18<sup>th</sup> March 2021.

**Prof. P. P. Belgali**  
Coordinator,  
E&TC Department

**Dr. S. R. Mahadik**  
Coordinator,  
Lead College

**Prof. M. M. Kolap**  
Head  
E&TC Department

**Dr. Mrs. S. B. Patil**  
Principal I/C

**Dr. S. S. Admuthe**  
Campus Director

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

Made for free with Certify'em



Date : 29-07-2020

## MEMORANDUM OF UNDERSTANDING

In order to declare their joint intention to cooperate in some or all the fields of academics and industrial endeavor for their mutual benefit.

**Party 1: Dr. Koli's Homeopathic Multispeciality and Research Center, Kolhapur.**

**Party 2: Department of Computer Science & Engineering ,**

**Bharati Vidyapeeth's college of Engineering , Kolhapur.**

Agrees to explore opportunities for collaboration in the areas described here under:

1. Sponsorship of final year project.
2. Sharing the technology for academic purpose only.
3. Any other academic activity with mutual consent.

Dr. Koli's Homeopathic Multispeciality and Research Center and Department of Computer Science & Engineering in Bharati Vidyapeeth's College of Engineering, Kolhapur agrees to share the information in strict confidence and will respect the intellectual property right of each other.

**Prof. S.M. Mulla**  
HOD- CSE Dept

**Dr. V.R. Gorpade**  
Principal

**Dr. Koli**

**Consultant Homeopath**

**Dr. Koli's Homeopathic  
Multispeciality & Research Center**  
Kaneri MIDC Phata, Kolhapur -416 234.  
**Dr. Swapnil S. Koli**  
BHMS(Bangalore), C.C.H., C.G.O., S.V.D.  
Reg. No.72203



+91-821700368

+91-7972174008



[kolis4350@gmail.com](mailto:kolis4350@gmail.com)

<http://www.drkolis.com>



Kaneri Phata,  
Kolhapur

# Dr. Koli's

Homeopathic Multispeciality and Research Center  
KOLHAPUR



Ourward number: -SLOMI0\0720

Date : 20-09-2021

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

Subject : Sponsorship for final year project of engineering.

Respected Sir, We are pleased to inform you that our hospital " Dr. Koli's Homoeopathic Multispeciality and Research Center, kaneri phata,Gokul Shirgoan, Kolhapur." has chosen following students for being sponsored for completing their final year project.

1. Miss. Asawari N. Sitre
2. Mr. Aditya S. Kanade
3. Mr. Navadip A. Patil
4. Miss. Shweta S. Sawant
5. Miss. Tabassum A. Momin

"Cloud Paramedic" is a Secure Identity based data sharing and Profile matching model in cloud computing which provides secured communication network between similar patients, doctors and Specialist. This Paramedic Software help you to improve patients care, reduce cost and improve the patient's overall experience and satisfaction without any unnecessary physical contact and without leaking any sensitive information.

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,

Dr. Koli's Homoeopathic  
Multispeciality & Research Center  
Kaneri MIDC Phata, Kolhapur -416 234.

**Dr. Swapnil S. Koli**  
BHMS(Bangalore), C.C.H., C.G.O., S.V.D.  
Reg. No.72203

Sign and stamp of  
(Consultant Homeopath)



+91-821700368  
+91-7972174008



[kolis4950@gmail.com](mailto:kolis4950@gmail.com)  
<http://www.drkolls.com>



Kaneri Phata,  
Kolhapur

Outward number:- 12\13\14\15\16

Date:- 28-12-2021

To,  
Principal,  
Bharati Vidyapeeth'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 "Cloud Paramedic" with our Hospital and Research Center. The project work which is completed is genuine and legitimate.

1. Miss. Asawari N. Sitre
2. Mr. Aditya S. Kanade
3. Mr. Navadip A. Patil
4. Miss. Shweta S. Sawant
5. Miss. Tabassum A. Momin

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.

**Dr. Koli's Homoeopathic  
Multispeciality & Research Center**  
Kaner MIDC Phata, Kolhapur -416 234.

*Dr. Swapnil S. Koli*  
BHMS(Bangalore), C.C.H., C.G.O., S.V.D.  
Reg. No.72203



Yours faithfully,

(Consultant Homeopath)



Date : 21-7-2021

## MEMORANDUM OF UNDERSTANDING

In order to declare their joint intention to cooperate in some or all the fields of academics and industrial endeavor for their mutual benefit.

**Party 1: Precision Diagnostic Centre, Kolhapur.**

**Party 2: Department of Computer Science & Engineering,**

**Bharati Vidyapeeth's college of Engineering, Kolhapur.**

Agrees to explore opportunities for collaboration in the areas described here under:

1. Sponsorship of final year project.
2. Sharing the technology for academic purpose only.
3. Any other academic activity with mutual consent.

Precision Diagnostic Centre and Department of Computer Science & Engineering in Bharati Vidyapeeth's College of Engineering, Kolhapur agrees to share the information in strict confidence and will respect the intellectual property right of each other.

**Prof. S.M. Mulla**  
**HOD- CSE Dept**

**Dr. V.R. Gorpade**  
**Principal**

**Dr. Chaitali Nimbalkar**  
**Consultant Radiologist**  
**PRECISION DIAGNOSTIC CENTRE**  
**KMC - 206**  
**RAJARAMPURI 1<sup>ST</sup> LANE**  
**AMAY EMPIRE, KOLHAPUR**  
**DR. CHAITALI NIMBALKAR**  
**MBBS, DMRD**  
**REG. NO. 2007/07/2780**

+91 9011290071

1<sup>st</sup> Lane, Rajarampuri,  
Kolhapur - 416008.

# Precision Diagnostic Centre

KOLHAPUR



Outward number: -SLOM10\07\20

Date : 21-07-2021

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

**Subject : Sponsorship for final year project of engineering.**

Respected Sir, We are pleased to inform you that our hospital Precision Diagnostic Centre, Kolhapur, has chosen following students for being sponsored for completing their final year project.

1. Mr. Vinayak J. Arade
2. Mr. Siddhesh A. Dhobale
3. Mr. Kelvin D. Fernandes
4. Mr. Onkar A. Gaikwad
5. Mr. Vaibhav D. Kamble

“Chatbots” are automated systems which replicate user’s behaviour on one side of the chatting communication. They are mimic systems which imitate the conversations between two individuals. They provide a simulating platform for effective and smart communications with the user on the other end. There are wide ranges of chatbots catering in many domains some of them are as follows: business, market, stock, customer care, healthcare, counselling, recommendation systems, support system, entertainment, brokering, journalism, online food and accessory shopping, travel chatbots, banking chatbots, recipe guides, etc.

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,

Sign and stamp of  
(Consultant Radiologist)

**PRECISION DIAGNOSTIC CENTRE**

KMC - 206

RAJARAMPURI 1<sup>ST</sup> LANE

AMAY EMPIRE, KOLHAPUR.

**DR. CHAITALI NIMBALKAR**

MBBS, DMRD

REG. NO. 2007/07/2780



+91 9011290071



1<sup>st</sup> Lane, Rajarampuri,

Kolhapur - 416008.

Outward number:- 12\13\14\15\16

Date:- 11-05-2021

To,  
Principal,  
Bharati Vidyapeeth'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 "Artificial Intelligence Healthcare Chatbot System" with our Hospital and Research Center. The project work which is completed is genuine and legitimate.

- 1.Mr. Vinayak J. Arade.
- 2.Mr. Siddhesh A. Dhobale.
- 3.Mr. Kelvin D. Fernandes.
- 4.Mr. Onkar A. Gaikwad.
- 5.Mr. Vaibhav D. Kamble.

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,

(Consultant Radiologist)

**PRECISION DIAGNOSTIC CENTRE**

KMC - 206

RAJARAMPURI 1<sup>ST</sup> LANE  
AMAY EMPIRE, KOLHAPUR.

**DR. CHAITALI NIMBALKAR**

MBBS, DMRD

REG. NO. 2007/07/2780

Date - 15-07-2020

### MEMORANDUM OF UNDERSTANDING

In order to declare their joint intention to cooperate in some or all the fields of academics and industrial endeavor for their mutual benefit.

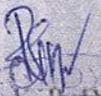
Party 1: Samarth Automations And Networks

Party 2: Department of Electronics & Telecommunication Engineering, Bharati Vidyapeeth's college of Engineering, Kolhapur.

Agrees to explore opportunities for collaboration in the areas described here under:

1. Sponsorship of final year project.
2. Sharing the technology for academic purpose only.
3. Internship program for students as per requirements.
4. Any other academic activity with mutual consent.

Samarth Automations And Networks and Department of Electronics & Telecommunication Engineering, Bharati Vidyapeeth's College of Engineering, Kolhapur agrees to share the information in strict confidence and will respect the intellectual property right of each other.



Dr. K. R. Desai

Head,

Dept. of Electronics & Tele.

\* Bharati Vidyapeeth's  
College of Engineering, Kolhapur



Dr. V. R. Ghorpade

Principal



Date - 15-07-2020

**Outward Number – SAN\_012\_21**

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 "Samarth Automations And Networks" has chosen following students for being sponsored and given Internship under our Student Development and Encouragement Program for completing their final year project.

1. Akshaykumar R. Shirgaonkar
2. Suryakant R. Hule
3. Vishal G. Mane

The Project is "Online Voting System", which is actually an online voting technique. It is kind of innovative project in many terms & its surely going to help peoples.

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.



Mr Pratik Dheep Ghoshade  
(Managing Director)

Date - 11-05-2021

## COMPLETION LETTER

To,

Principal,

Bharati Vidyapeeth'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 "ONLINE VOTING SYSTEM" with our organization. The project work which is completed is genuine and legitimate.

1. Akshaykumar Rohidas Shirgaonkar
2. Suryakant Rajaram Hule
3. Vishal Gundu Mane

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.



Founder - Mr. Pratik Dileep Ghorpade