



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

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

NAAC SSR CYCLE- 2



Criterion 3	Research, Innovations and Extension
Key Indicator 3.2	Innovation Ecosystem
3.2.2 Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years	

Two Days Workshop on 'Stepping Towards Problem And Project Based Learning: Introductory Workshop'



BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR

- **Organizing Department** : IQAC
- **Name of Activity** : Two Days Workshop on ‘Stepping towards Problem and Project based Learning: Introductory Workshop’
- **Date of Activity** : 23/12/2019-24/12/2019
- **No. of Participants** :65
- **Resource Person** : Dr.Vikas V.Shinde, Professor, Mechanical Engineering Department, Director, Centre of Excellence in Project Based Learning (PBL), Vishwaniketan iMEET, Khalapur
- **Details of Activity** : **Project Based Learning(PBL)** is emerging pedagogy in higher educational institute as a innovative teaching approach. It enhances the curricular and teaching-learning methodologied practiced in engineering education and also enable shift towards **Outcome Based Education**. In PBL students learn by actively engaging in real-world and personally meaningful projects which enhances their skills such as critical thinking, communication, collaboration and creativity.

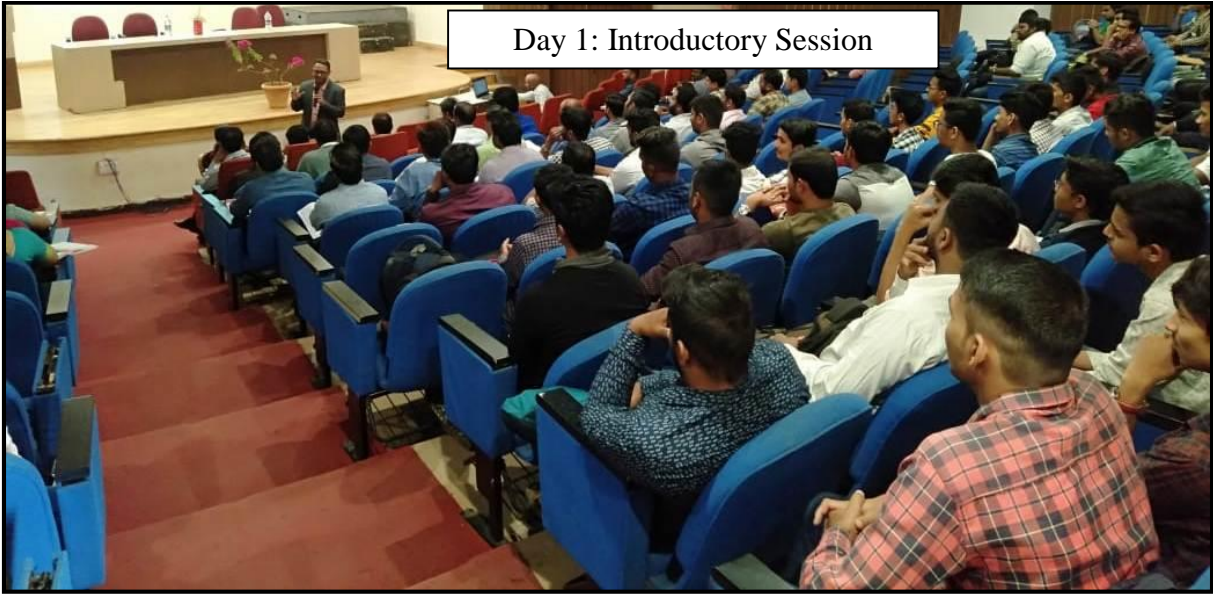
To adapt to this emerging teaching pedagogy teachers may need time and professional development to become familiar with PBL methods. In this regard, **IQAC** organized **Two Days Workshop on ‘Stepping towards Problem and Project based Learning: A Introductory Workshop’** for **faculty of Lead College Cluster Institues.this workshop was held on 23rd -24th December 2019**. The resource person for this workshop was **Dr. Vikas Shinde**, Professor, Mechanical Engineering Department ,Director, Centre of Excellence in Project Based Learning (PBL),Vishwaniketan iMEET, Khalapur.

Workshop was inaugurated by Principal Dr. Vijay Ghorpade sir in presence of Dr. Vikas Shinde. The sessions of first day were on understanding need of PBL and PBL models. Second day was full of team works on developing PBL ecosystem, developing rubrics, mapping CLO, PO with respect to PBL. Workshop concluded with feedback from participants and valedictory function.
- **Outcome of Activity** : The participants learned how to implement PBL in course implementation.
- **How it Bridges gap between Industry and Academia:** PBL helps to develop the skills of the learners like problem-solving, working in interdisciplinary teams, out-of-

the-box thinking which are essential for industry. PBL learners become an effective collaborator and possess the intrinsic motivation to learn.

- **Photo:**





Day 1: Introductory Session



Day 1: Hands-on Session



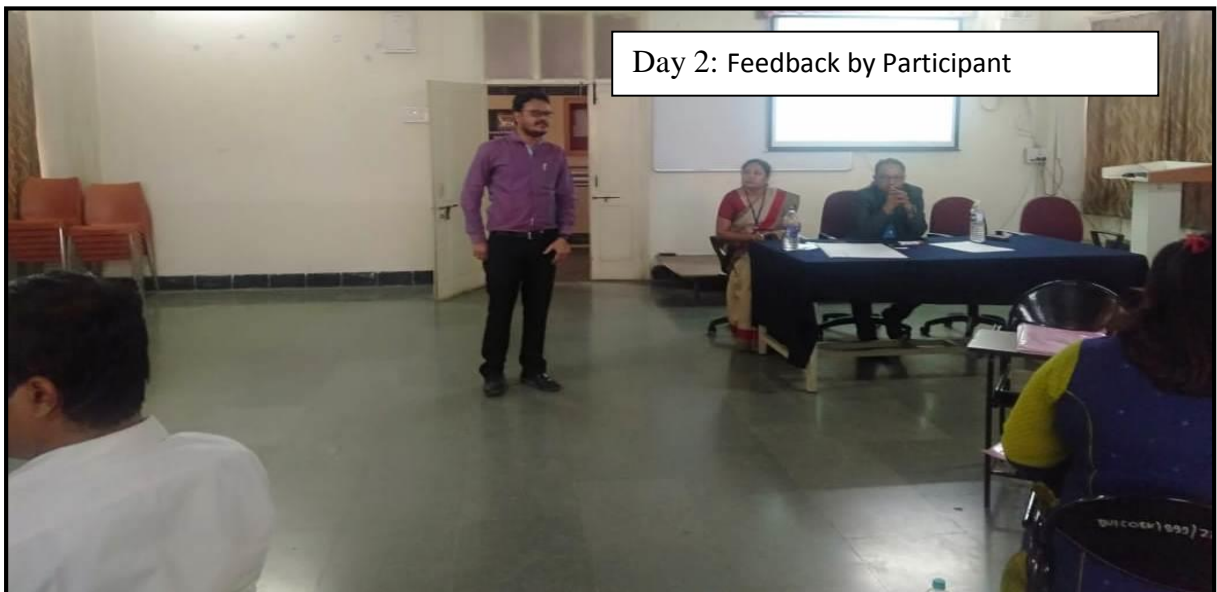
Day 1: Hands-on Session



Day 1: PBL Presentation by Participants



Day 2: PBL Presentation by Participants



Day 2: Feedback by Participant

Dr. Jayamala K. Patil
IQAC Co-Ordinator

Dr. Vijay R. Ghorpade
Principal, IQAC Chairperson



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PRINCIPAL

Dr. Vijay Ghorpade

M.E., Ph. D. (Computer)

Out Ward: - BV/COEK/ 561 /2019-20

NAAC- "A" Grade

Date:-9/12/2019

To,

The Principal/Director

Subject: Deputation of faculty for Two Days Workshop on 'Stepping towards Problem and Project based Learning: Introductory Workshop' under Lead College Activity

Dear Sir,

Project Based Learning(PBL) is emerging pedagogy in higher educational institute as a innovative teaching approach. It enhances the curricular and teaching-learning methodologies practiced in engineering education and also enable shift towards **Outcome Based Education**. Project Based Learning (PBL) is a teaching method in which students learn by actively engaging in real-world and personally meaningful projects which enhances their skills such as critical thinking, communication, collaboration, and creativity.

To adapt to this emerging teaching pedagogy teachers may need time and professional development to become familiar with PBL methods. In this regard, **IQAC of our institute** has organized **Two Days Workshop on 'Stepping towards Problem and Project based Learning: A Introductory Workshop'** for faculty of **Lead College Cluster Institutes**. This workshop will be held on **23rd -24th December 2019**. The resource person for this workshop is **Dr. Vikas Shinde**, Professor, Mechanical Engineering Department, Director, Centre of Excellence in Project Based Learning (PBL), Vishwaniketan iMEET, Khalapur.

We request you to depute **Two Faculty** from your institute for this workshop. The registration form is enclosed with this letter. The last date of registration is **19/12/2019**. Please bring this to notice to interested candidates and inform them to send duly filled soft copy of registration form to following mail:

iqac.bvcoek@gmail.com, saritashinde.bv@gmail.com.

Hoping for positive response.

With regards,



Encl: Registration Form.

Bharati Vidyapeeth's
College of Engineering, Kolhapur

(NAAC- "A" Grade)

Two Days Workshop

on

**'Stepping towards Problem and Project based Learning:
Introductory Workshop'**

Full Name : _____
**Name of College/
Institution/Organization** : _____
Qualification : _____
Full Address : _____
Pin code : _____
Mobile No : _____
E-mail : _____
Place : _____
Date :

Signature of Participant

Recommendation of Higher Authority

Mr./Ms./Dr./Prof.....is
an employee of this institute is hereby allow to attend the workshop.

Sign and Seal of Principal/Director

Bharati Vidyapeeth's
College of Engineering, Kolhapur
 (NAAC- "A" Grade)

Two Days Workshop

on

**'Stepping towards Problem and Project based Learning: Introductory
 Workshop'**
 (Under Lead College Activity)

Attendance

Sr. No.	Name of The Faculty	23/12/2019		24/12/2019	
		Session 1	Session 2	Session 3	Session 4
1	Dr. Ghorpade Vijay Ram				
First Year					
2	Mr. Sawant Dinkar Vishnu	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>
3	Mr. Patil Ananda Shamrao	<i>AT</i>	<i>AT</i>	<i>AT</i>	<i>AT</i>
4	Mrs. Shinde Sarita Santaji	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>
5	Mr. Chougale Rajkumar Kundlik	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>
6	Ms. Rajmane Prajakta Pramod	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>
Computer Sci. & Engg.					
7	Ms. Mulla Shagupta Mansur	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>
8	Mr. Patravale Amol Mohanrao	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>
9	Mr. Mirajkar Rahul Prakash	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>
10	Mr. Kharade Pramod Ashok	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>
11	Mr. Patil Sagar Baburao	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>
12	Mr. Patil Vijay Uttam	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>
13	Mr. Kadam Narendradatta Shankarrao	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>
Ele. & Tele. Engg.					
14	Dr. Desai Kamalakar Ravindra	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>
15	Smt. Patil Jayamala Kumar	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>
16	Mrs. Tirmare Aarati Hemant	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>
17	Mr. Pawar Sanjay S.	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>
18	Mr. Jadhav Sachin Balkrushna	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>
19	Ms. Mali Priyadarshni Shivakumar	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>
20	Mr. Suryawanshi Ranjeet Ramesh	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>
21	Mr. Sonawane Manik Sadashiv	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>
22	Mr. Mandlik Vinay Sampatrao	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>
23	Mr. Patil Vikas Dattatray	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>

24	Mr. A. K. Chougule	<u>Chougule</u>	<u>Chougule</u>	<u>Chougule</u>	<u>Chougule</u>
Information Technology					
25	Mr. Patel Praveenkumar Arjun	<u>Patel</u>	<u>Patel</u>	<u>Patel</u>	<u>Patel</u>
26	Ms. Pandharbale Priya Bhaskar	<u>Pandharbale</u>	<u>Pandharbale</u>	<u>Pandharbale</u>	<u>Pandharbale</u>
Electronics Engineering					
27	Mr. Kittur Asit Rajakathar	<u>Asit</u>	<u>Asit</u>	<u>Asit</u>	<u>Asit</u>
Mechanical Engineering					
28	Dr. Kadam Sunil Jagannath	<u>Sunil</u>	<u>Sunil</u>	<u>Sunil</u>	<u>Sunil</u>
29	Mr. Kadam Arjun Pandurang	<u>Arjun</u>	<u>Arjun</u>	<u>Arjun</u>	<u>Arjun</u>
30	Dr. Patole Pralhad Bhaskar	<u>Patole</u>	<u>Patole</u>	<u>Patole</u>	<u>Patole</u>
31	Mr. Lokapure Raju Babu	<u>Raju</u>	<u>Raju</u>	<u>Raju</u>	<u>Raju</u>
32	Mr. Pol Gajendra Jaysing	<u>Pol</u>	<u>Pol</u>	<u>Pol</u>	<u>Pol</u>
33	Mr. Desai Amit Abhay	<u>Desai</u>	<u>Desai</u>	<u>Desai</u>	<u>Desai</u>
34	Mr. Jadhav Avdhut Rajaram	<u>Jadhav</u>	<u>Jadhav</u>	<u>Jadhav</u>	<u>Jadhav</u>
35	Mr. Kamble Suyash Babasaheb	<u>Kamble</u>	<u>Kamble</u>	<u>Kamble</u>	<u>Kamble</u>
36	Mr. Kulkarni Mahesh Shripad	<u>Kulkarni</u>	<u>Kulkarni</u>	<u>Kulkarni</u>	<u>Kulkarni</u>
37	Ms. Bhosale Swati Girish	<u>Bhosale</u>	<u>Bhosale</u>	<u>Bhosale</u>	<u>Bhosale</u>
38	Mr. Jarag Sachin Popat	<u>Jarag</u>	<u>Jarag</u>	<u>Jarag</u>	<u>Jarag</u>
39	Mr. Pandit Shamuvel Vinod	<u>Pandit</u>	<u>Pandit</u>	<u>Pandit</u>	<u>Pandit</u>
40	Mr. Rajgire Pravin Dnyandev	<u>Rajgire</u>	<u>Rajgire</u>	<u>Rajgire</u>	<u>Rajgire</u>
41	Mr. Shinge Mahesh Sadashiv	<u>Shinge</u>	<u>Shinge</u>	<u>Shinge</u>	<u>Shinge</u>
42	Mr. Mithari Ranjeet Sarjerao	<u>Mithari</u>	<u>Mithari</u>	<u>Mithari</u>	<u>Mithari</u>
43	Mr. Patil Kedar Kishor	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>
44	Mr. Shinde Jitendra Govind	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>
Civil Engineering					
45	Mr. Kadam Vidyanand Shirrang	<u>Kadam</u>	<u>Kadam</u>	<u>Kadam</u>	<u>Kadam</u>
46	Mr. Kotwal Satish Sayanna	<u>Kotwal</u>	<u>Kotwal</u>	<u>Kotwal</u>	<u>Kotwal</u>
47	Mr. More Mayur Manohar	<u>More</u>	<u>More</u>	<u>More</u>	<u>More</u>
48	Mr. Patil Vinayak Bhagwan	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>
49	Mr. Tiwari Vikramsinh Subhash	<u>Tiwari</u>	<u>Tiwari</u>	<u>Tiwari</u>	<u>Tiwari</u>
50	Mr. Mane Vivek Vasant	<u>Mane</u>	<u>Mane</u>	<u>Mane</u>	<u>Mane</u>
51	Mr. Soundattikar Nikhilesh Mahdhav	<u>Soundattikar</u>	<u>Soundattikar</u>	<u>Soundattikar</u>	<u>Soundattikar</u>
52	Mr. Jadhav Akshay Mohan	<u>Jadhav</u>	<u>Jadhav</u>	<u>Jadhav</u>	<u>Jadhav</u>
53	Mr. Pawar Amar Ramchandra	<u>Pawar</u>	<u>Pawar</u>	<u>Pawar</u>	<u>Pawar</u>
54	Mr. Mohite Nitish Arun	<u>Mohite</u>	<u>Mohite</u>	<u>Mohite</u>	<u>Mohite</u>

Patil
Dr. J. K. Patil
Coordinator

Ghorpade
Dr. V. R. Ghorpade
Principal

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

(NAAC- "A" Grade)

Two Days Workshop

on

**'Stepping towards Problem and Project based Learning: Introductory
Workshop'**

(Under Lead College Activity)

Attendance

Sr. No.	Name of The Faculty	23/12/2019		24/12/2019	
		Session 1	Session 2	Session 3	Session 4
1	Ms. Laxmi Subhash Nikam				
2	Mr. Amey V. Sutar				
3	Mr. Sandeep Sakharam Nale				
4	Mr. R. B. Patil				
5	Ms. Supriya Samadhan Chavan				
6	Dr. Pravin Hansraj Ukey				
7	Mr. Sangamesh G. Tamburimath				
8	Mr. Chintamani H. Hasure-Karoble				
9	Mr. Santosh Vilas Hasure				
10	Mr. Nilesh Tanaji Mohite				
11	Mr. Pravin A. Prabhu				
12	Mr. Kittur Asit Rajakathar				
13	Mr. Chougale Rajkumar Kundlik				

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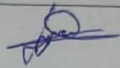
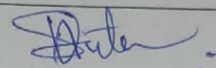
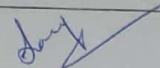
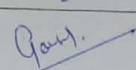
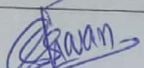
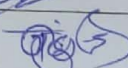
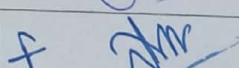
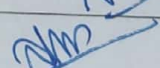
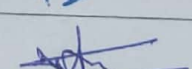
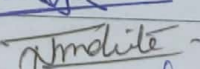
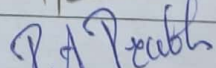
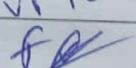
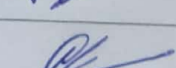
Two Days Workshop


on


**'Stepping towards Problem and Project based Learning: Introductory
Workshop'**

(Under Lead College Activity)

Certificate

Sr. No.	Name of The Faculty	Sign
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2	Mr. Amey V. Sutar	
3	Mr. Sandeep Sakharam Nale	
4	Mr. R. B. Patil	
5	Ms. Supriya Samadhan Chavan	
6	Dr. Pravin Hansraj Ukey	
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10	Mr. Nilesh Tanaji Mohite	
11	Mr. Pravin A. Prabhu	
12	Mr. Kittur Asit Rajakathar	
13	Mr. Chougale Rajkumar Kundlik	


Dr. J. K. Patil
Coordinator


Dr. V. R. Ghorpade
Principal

Date: 28/1/2020

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

Subject: Refund of balance amount received for conduction of Two Days Workshop on 'Stepping towards Problem and Project based Learning: Introductory Workshop'

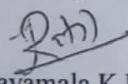
Respected Sir,

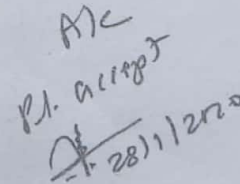
IQAC of our institute organized Two Days Workshop on 'Stepping towards Problem and Project based Learning: A Introductory Workshop' for faculty of Lead College Cluster Institutes on 23rd -24th December 2019. The total expenses for this workshop is Rs. 26290/-. The details are as follow:

Item no.	Particulars	Amount(Rs.)	Receiving person
1	Remuneration of Resource Person	15000/-	By check of Rs. 15000/- to Dr. Vikas V. Shinde
2	Travelling Allowance	4620/-	By check of Rs. 11290/- to Dr. J.K.Patil
3	Refreshment :		
	3. Lunch and tea of participants	3400/-	
	4. Lunch and Resource Person	1145/-	
4	Certificate for participants	1000/-	
5	Miscellaneous expenses:		
	3. Course Material	675/-	
	4. Banner	450/-	
Total		26290/-	

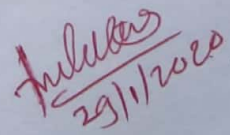
I received check of Rs. 12000/- against item no 2,3,4,and 5. The total expenditure on these items is Rs. 11290/-. I am refunding the balance amount of Rs. 710/- to college. I hereby request you to permit me for the same.

Yours Truly,


Dr. Jayamala K. Patil
IQAC Co-Ordinator


28/1/2020

Enclosure: Copy of expense letter submitted to account section
Cheque of Rs. 710/- . Cheque No - 023960


29/1/2020

Bharati Vidyapeeth's
College of Engineering, Kolhapur
 (NAAC- "A" Grade)

Two Days Workshop

on

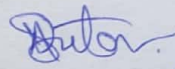
'Stepping towards Problem and Project based Learning: Introductory
 Workshop'

(Dates: 23 /12/2019-24/12/2019)

Particulars	Strongly Disagree – Strongly Agree			
	1	2	3	4
The workshop venue was:				
a) Comfortable	✓			
b) Well located				
The workshop content was:				
a) Relevant				
b) Comprehensive	✓			
c) Easy to understand				
Workshop handouts:				
a) Supported presentation material				
b) Provided useful additional information	✓			
c) Were clear and well-organized				
The workshop:				
a) Was well paced				
b) Breaks were sufficient	✓			
c) Was a good mix between listening and activities				
The activities were useful learning experiences	✓			
The facilitator was:				
a) Knowledgeable				
b) Well-prepared	✓			
c) Responsive to participants' questions				

Additional Comments: _____

Thank you for participating. We appreciate your feedback!


 A.V. Subbar.
 Name & Signature of Participant



**BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING, KOLHAPUR**

(NAAC- "A" Grade)



CERTIFICATE

This is to certify that _____ has participated in Two days workshop on ***“STEPPING TOWARDS PROBLEMS AND PROJECT BASED LEARNING: INTRODUCTORY WORKSHOP”*** organized by **Internal Quality Assurance Cell of Bharati Vidyapeeth's College of Engineering, Kolhapur** Under Lead College Activity of Shivaji University Kolhapur during **23rd Dec. 2019 to 24th Dec. 2019.**

Dr. Jayamala K. Patil
IQAC Co-Ordinator

Dr. Vijay R. Ghorpade
Principal