



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

**Workshop: Workshop on "3 D Printing Workshop"**



## BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR

- **Organizing Department: Mechanical Engineering Department**

- **Name of Activity: Workshop on "3 D PRINTING WORKSHOP"**

- **Name of Coordinator: Mr. S V Pandit**

- **Name of Resource Person: - Mr.P H Patil,**

**Date of Activity: 22/02/2018 to 23/02/2018**

- **Participants: B.E Mechanical Student, Faculty.**

- **Details of Activity:**

- ◆ 3D Printing– Introduction
- ◆ CAD for Additive Manufacturing
- ◆ Additive Manufacturing Techniques
- ◆ Materials for 3D Printing
- ◆ Application of 3D printing (Biomedical, automotive, aerospace)
- ◆ Post-processing Requirements and Techniques
- ◆ Sustainable Aspects of 3D Printing Technologies

- **Outcome of Activity:**

Students, Faculty get information about **various module of Solid works & industrial drawing using solid works** in Mechanical Engineering.

- **Photos:**



**Mr. S. J. KADAM**

**HOD**

**Dr. V. R. Ghorpade**

**Principal**

Date - 16/02/2013

To  
The Principal  
B.V.C.O.E. Kolhapur

**Subject:** Regarding permission for 3D Printing workshop

Respected Sir,

We are from mechanical engineering department going to arrange two days workshop on "3D Printing Technology" for the Mechanical engineering students in last week of February. The resource persons will be Prof. P.H.Patil and Mr. Tejas A. Patnawar AMGOI, Vathar. The objective of this workshop is to create awareness & Knowledge up gradation among student about 3D Printing technology. Please give us permission to arrange this workshop.

Resonated  
S.

Yours Faithfully  
  
Prof. S.J. Kadam

H.O.D

Mechanical Department



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PRINCIPAL

**Dr. Vijay Ghorpade**

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

Ref. No. BV/COEK/1306/2017-20 18

Date : 21/02/2018

To,  
Mr. P.H. Patil & Tejas Patanawar,  
I 3D MINDS Pvt. Ltd, Ichalkaranji.

**Subject:** Invitation as Chief speaker for **3D Printing Technology** Workshop for students.

Respected Sir,

We are delighted to inform you that Department of Mechanical Engineering of Bharati Vidyapeeth College of engineering, Kolhapur is organizing workshop on "3D Printing Technology". As per telephonic discussion with you this workshop is scheduled on 22<sup>th</sup> and 23<sup>rd</sup> February 2018. This Workshop is arranged for Post Graduate and B.E. students. It's our privilege to invite you and your team as a chief speaker for this Workshop.

We eagerly await your reply.

Thanks and Regards,



Dr. V. R. Ghorpade

Principal

Principal

Bharati Vidyapeeth's

College of Engineering, Kolhapur



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**Dr. Vijay Ghorpade**

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

Ref. No. BV/COEK/1306/2017-2018

Date: 21/02/2018

To,  
Mr. P.H. Patil & Tejas Patanawar,  
I 3D MINDS Pvt. Ltd, Ichalkaranji.

**Subject:** Thanking for your valuable guidance.

Respected Sir

It is great pleasure to Vote of Thank for taking time out of your busy days to visit Bharati Vidyapeeth's College of engineering, Kolhapur to share your expertise with Post Graduate and B.E. students on 22<sup>th</sup> and 23<sup>rd</sup> February 2018. The students gained valuable theory and practical modules insight into workshop on "3D Printing Technology". We hope it was a positive experience for you as well. The information you shared was very enlightening. We had great feedback on your presentation and hands on training.

Again, my sincere thanks to support this important research encouragement activity.

Thanks and Regards,

*Patil*  
Received copy  
(23/2/2018)  
P.H. Patil



Dr. V. R. Ghorpade

Principal

Bharati Vidyapeeth's  
College of Engineering, Kolhapur

Date: 17<sup>th</sup> Feb 2018.

To,  
The Principal  
B.V.C.O.E. Kolhapur

**Subject: Budget for "3D Printing Technology".**

Respected Sir,

As Department of Mechanical Engineering has shouldered the responsibility to organize "3D-printing Technology" on 23th Feb 2018 at 10.00 am. The total approximate collection will be Rs. 12,000/- (Rs 300 per student) and the total approximate expenses will be as follows:

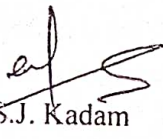
Sr. No.	Content	Approximate Budget in Rs.
1	Remuneration	10000
2	Travelling Allowance	500
3	Lunch	1500
<b>Total</b>		<b>12000/-</b>

I kindly request you to permit us to arrange the same and also sanction the required budget to conduct the Event successfully.

Thanking You.

*Permitted*  
*S. 17/2*

Yours Faithfully,

  
Prof. S.J. Kadam

H.O.D

Mechanical Department

Bharati Vidyapeeths College of Engineering Kolhapur

Department Of Mechanical Engineering


**3D PRINTING TECHNOLOGY WORKSHOP**

**Student List**

**Date (22/2/2018 to 23/2/2018)**

<b>SR. No</b>	<b>Name of Student</b>	<b>Branch</b>	<b>Rupees</b>
1	SachinSarjeraoPatil	ME(CAD/CAM/CAE)	300/-
2	Omkar Sandeep Mutalik	ME(CAD/CAM/CAE)	300/-
3	DivekarRiturajRajkumar	TE-A	300/-
4	OnkarChittaranjanPatil	BE-B	300/-
5	Sujata Sanjay Rakshe	BE-B	300/-
6	Prasad Nagesh Kale	TE-A	300/-
7	Basavaraj Raju Bhorshetti	TE-A	300/-
8	Pratik Prakash Shirole	TE-B	300/-
9	ManjunathRajendraParit	BE-B	300/-
10	UttamShivajiGorule	BE-B	300/-
11	MayurSantramDhende	BE-A	300/-
12	RohitDaduPatil	BE-B	300/-
13	SahilSanjaykumarChougule	BE-A	300/-
14	PendhekarPrajinArun	BE-B	300/-
15	Madake Nitin K	BE-B	300/-
16	KaraleJayeshShivanand	BE-A	300/-
17	JadhavAbhijeetGovind	BE-A	300/-
18	Prashant TukaramKhandekar	TE-A	300/-
19	SurajShripatraoPowar	BE-B	300/-
20	Prasad VitthalRasal	BE-B	300/-
21	Kumar BalasahebMaji	BE-B	300/-
22	Mohit Mahesh Rajadnya	BE-B	300/-
23	Kadam Atul Ramesh	TE-A	300/-

24	FatmaKeshavnandhanathPatil	TE-B	300/-
25	Patil Nikhil Namdeo	TE-B	300/-
26	MangaleNamdevShivaji	TE-A	300/-
27	Sabir Sardar Desai	BE-A	300/-
28	Shaikh SahilSikandar	BE-B	300/-
29	ParashuramLaxmanWadikar	TE-B	300/-
30	AniketVadunathTakmare	BE-B	300/-
31	Vijay JalindarNangare	TE-B	300/-
32	Adinath Suresh Jadhav	TE-A	300/-
33	AtishNamdevKumbhar	BE-A	300/-
34	PrathmeshRajendraShinde	BE-A	300/-
35	JyotiYashawant Kadam	BE-B	300/-
36	Nitesh Narayan Rawool	BE-B	300/-
37	AniketBhauso Mane	BE-B	300/-
38	Patil Ashish Sarjerao	BE-B	300/-
	<b>TOTAL</b>		<b>11400/-</b>

  
Co-Ordinator

  
H.O.D



# Bharati Vidyapeeths College of Engineering Kolhapur

## Department Of Mechanical Engineering

### 3D PRINTING TECHNOLOGY WORKSHOP

Mechanical Engineering Department had arranged 3D Printing Technology workshop on 22/2/2018 & 23/2/2018. For this workshop, we had invited industrial expert person Mr. Prashaat H. Patil running their private company "I 3D MINDS" at Ichcharanji.

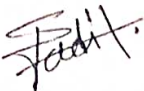
Workshop had initiated by Workshop co-ordinator Prof. S.V. Pandit. Principal Dr. V.R. Ghorpade guided about advance technology to the students. First section of workshop started by Mr. Prashaat H Patil at 11 a.m on 22/2/2018.

Total 38 student had participated in this workshop. Workshop had conducted in two sections each day.

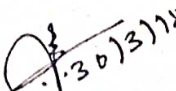
**Total amount generated 11400/-**

The detail charges of this workshop is listed below.

Sr. No	Content	Charges
1	Renumeration + Travelling Allowance	10,500/-
2	Certificates and Digital Board	970/-
3	Bouquet	250/-
	<b>Total</b>	<b>11720/-</b>

  
Co-ordinator

  
H.O.D.

  
Principal

# Bharati Vidyapeeths College of Engineering Kolhapur

## Department Of Mechanical Engineering

### 3D PRINTING TECHNOLOGY WORKSHOP

The amount difference is given in table.

Sr. No	Amount Generated from 38 students	Amount used in Workshop	Difference
1	11400/-	11720/-	320/-

Generated amount is 11400/-

Cost of Workshop is 11720/-

Difference value is 320/-

The college should give Rs. 320/- to workshop co-ordinator Prof S.V. Pandit.

A/c  
Pl. pay cash  
320/18

# 3D Printing Technology

No	Name of Student	Branch	Sign
1.	Sachin Sarjerao Patil	ME(CAD/CAM/CAE)	<del>Patil</del>
2.	Omkar Sandeep Mutalik	ME(CAD/CAM/CAE)	Omkar
3.	Divekar Rituraj Rajkumar	TE-A	<del>Divekar</del>
4.	Onkar chittaranjan Patil	BE-B	<del>Patil</del>
5.	Sujata Sanjay Rakshe	TE-A	<del>Rakshe</del>
6.	Prasad Nagesh kale	TE-A	<del>Prasad</del>
7.	Basavaraj Raju Bholeshetti	TE-A	<del>Bholeshetti</del>
8.	Pratik Prakash shiole	TE-B	<del>Pratik</del>
9.	Manjunath Rajendra Patil	BE-B	<del>Patil</del>
10.	Uttam shivaji Gotule	BE-B	<del>Gotule</del>
11.	mayur Santam Dherde	BE-A	<del>Dherde</del>
12.	Rohit Dadu patil	BE-B	<del>Patil</del>
13.	Sabil Sanjaykumar chougule	BE-A	<del>Chougule</del>
14.	Pendhekar Prajin Anun	BE-B	<del>Pendhekar</del>
15.	Madake Nitin K	BE-B	<del>Madake</del>
16.	Karale Jayeshivanand	BE-A	<del>Karale</del>
17.	Tadhar Abhijit govind	BE-A	<del>Tadhar</del>
18.	Prashant Tukaram Khandekar	BE-A	<del>Khandekar</del>
19.	Suraj Shripatrao Powar	BE-B	<del>Powar</del>
20.	Prasad Vitthal Rasal	BE-B	<del>Rasal</del>
21.	kumar balababeb maji	BE-B	<del>Maji</del>
22.	Mohit Mahesh Rajadnya	BE-B	<del>Mohit</del>
23.	Kadam Atul Ramesh	TE-A	<del>Kadam</del>
24.	Prathamesh Pandharinath Patil	TE-B	<del>Patil</del>
25.	Patil Nikhil Namdeo	TE-B	<del>Patil</del>
26.	Mangale Namdev Shivaji	TE-A	<del>Mangale</del>
27.	Sabje Sardar desai	BE-A	<del>Desai</del>
		BE-B	<del>Desai</del>