



“Education for Knowledge, Science and Culture”  
-Shikshah Maharshi Dr. Bapuji Salunkhe  
**VIVEKANAND COLLEGE, KOLHAPUR**  
(AUTONOMOUS)  
**INTERNAL QUALITY ASSURANCE CELL**  
2020-21



**Quality Initiatives/ Activities Report**

1. **Name of Department:** ELECTRONICS
2. **Name of Organized Activity:** The online industrial visit at “INDIUM Technologies, Kolhapur the topic was 3D PRINTING Technology.”
3. **Date/ Duration:** Tuesday, 10/08/2021
4. **Aims and Objectives:**
  1. Provide knowledge to participant’s actual 3D printing technology to enhance their understanding of its applications and potential.
  2. Inspire participants to think creatively and consider the innovative possibilities that 3D printing offer in their respective fields.
5. **No. of beneficiaries:** Total 21 participants are present for this visit on online Google meet platform.
6. **Expenditure & funding agency:** NA.
7. **Brief description:** The online industrial visit was carried out by the ELECTRONIC department Vivekanand College Kolhapur (autonomous) the visit was to the INDIUM Technologies, Kolhapur the topic was 3D PRINTING Technology. It was conducted under the guidance of Head of Electronic Dept. Mr. D. M. Panhalkar sir. On online platform Google Meet the visit lasted for 2 hours from 11.30am to 1.30pm. In this we were introduced to the new technology know as 3D Printing in this session they give tremendous knowledge about 3D printing how it works then about every part of printer and about the software which is used in designing the article and later converted to G-Code and transfer to the printing machine we were able to learn about the various material used in printing E.g. PLA, ABS, PET, etc. We came to know uses of this technology in our day to day life from Food designing to Aerospace parts making. We were shown the



printed articles and we were provided with golden knowledge about how the new technologies are changing the world.

We like to thanks Mr. Kshitij Bandar and Mr. Surajkumar B Kalsait, proprietor Indium Technologies, working as Resource persons of the online industrial visit

**8. Outcomes:** Student gets the knowledge about

1. Comprehensive understanding of 3D printing technology, its processes, and applications.
2. Increased familiarity with the operational aspects of 3D printers, contributing to a practical understanding of the technology.
3. Awareness of the latest trends and advancements in 3D printing technology, ensuring participants stay informed about the evolving industry.

**9. Photos:**



*Photo: Mr. D. M. Panhalkar HOD Electronics Department was visited at INDIUM Technologies, Kolhapur and demonstrate working of 3D printing on Google meet for the B.Sc. III students*

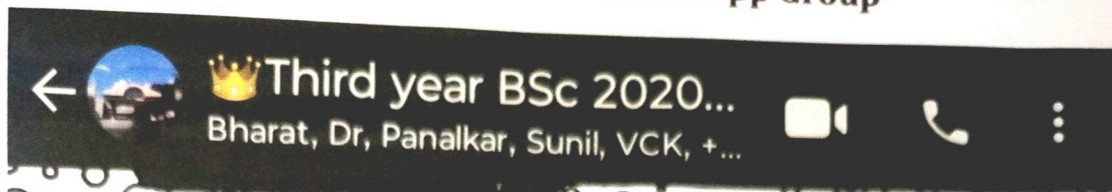
**10. Signatures of Coordinator/ Organizer:**

Mr. D. M. Panhalkar



**Head**  
Department of Electronics  
Vivekanand College, Kolhapur.

## Online Notice for Students on their Whatsapp Group



Karan

😊 thank you sir

9:09 pm

Panalkar Sir

➔ Forwarded

Indiam Technologies



Indiam\_profile.pdf  
5 pages · 380 kB · PDF

9:45 pm

Department of Electronics and  
Computer Science jointly organizes  
Virtual industrial visit for B. Sc. III  
students on 10th August 2021 at 11.  
30 am in online mode. link of Google  
meet is :

[https://meet.google.com/jty-fzxd-usf  
?hs=224](https://meet.google.com/jty-fzxd-usf?hs=224)

join 15min before the meeting time.

Topic: Industrial Visit : Indium  
Technologies, Kolhapur

9:58 pm

11 August 2021

