

Yashwantrao Chavan College of Science, Karadiarad

Department of Electronics Industrial Visit -2021-22

Class - B.Sc.II

INDEX

Sr. No.	Content
1	One Page Report
2	Visit Letter
3	List of Student
4	Industrial Visit Report with Certificates
5	Feedback

HQD Department of Electronics Yashwantrao Chavan College of Science, Karad

Principal

Principal Yashwantrao Chavan College of Science, Karad



Yashwantrao Chavan College of Science, Karad ACTIVITY REPORT

Name of the Departm	nent: Electronics	Academic Year – 2021-22				
Name of the activity	B.Sc. II Electronics	Students Field Work / Visit				
Purpose of Program	To makes students k	o makes students know resent rends in Electronics				
No. of Students Participated	12					
No. of Teachers Participated	02					
Program outcomes	 Students are update Students are inspired 	ted with the recent knowledge in Electronics. red by the recent development in Electronics				
Program Photo						

Teacher In charge

HESignature DepartHeadtoftfred Départment Yashwantrao Chavan College of Science, Karad

Sig

rincipal ence, Principal Yashwantrao Chavan College of Science, Karad



Ref No:- 21/22

Date 6/6/2022

To,

Mr.Avadhut Deshmukh

A3DXYZ Devices & System ,Karad.

Respected Sir,

Our B.Sc.II or B.Sc.III (Electronics) Students visited to A3DXYZ Devices and System.

They Obsereved and learnt know hows of printer. Also they learnt

functioning of printer.

We are thankful to you for this co operation.

Thanking You,

Yours faithfully, Yashwantrao Chavan Oollege of Science, Karad





Ref No:- 21/22

Date 6/6/22

To,

Mr.Avadhut Deshmukh

A3DXYZ Devices & System ,Karad.

Respected Sir,

Our B.Sc.II or B.Sc.III (Electronics) Students visited to A3DXYZ Devices and System.

They Obsereved and learnt know hows of printer. Also they learnt

functioning of printer.

We are thankful to you for this co operation.

Thanking You,



Yours faithfully, nege of Science, Ka Yashwantrao Chavan

Yashwantrao Chavan College of Science, Karad

DEPARTMENT OF ELECTRONICS



List of Student B.Sc.II (2021-22)

Industrial Visit to 3D Printer Workshop, GH Society ,Karad.

Sr.No.	Roll No	Name	class
1	2001	DESAI SHRIYASH SAMBHAJI	B.Sc . II
2	2002	DABHADE SUMEDH PANDURANG	B.Sc . II
3	2003	DUBAL HARSHANI NIVAS	B.Sc . II
4	2004	GAURAV ADITYA KRISHNAT	B.Sc . II
5	2005	KADOLE TEJAS ŠAMBHAJI	B.Sc . II
6	2006	LONDHE ANKITA AVINASH	B.Sc . II
7	2007	MOHITE ADITYA SUBHASH	B.Sc . II
8	2008	PAWAR JEEVAN SANJAY	B.Sc . II
9	2009	SALUNKHE PRATIK NIRANJAN	B.Sc . II
10	2010	SHEDAGE SAYALI ABASO	B.Sc . II
11	2011	TODKAR SAIRAJ IDHYANESHWAR	B.Sc . II
12	2012	ZAREKAR SANKET SUBHASH	B.Sc . II

HEAD Department of Electronics Yashwantrao Chavan College of Science, Karad

r

Rrindipa Principal

Yashwantrao Chavan College of Science, Karad

TOUR REPORT

Department of Electronic s arranged industrial visit in online mode on 7th June 2022. The aim of visit was to collect information about 3D printer.

As per program, Shri. R. S Deshmukh discussed valuable information about 3D printer with their steps of assembling, installation, working and testing.

A 3D printer, computerized device that produces a three-dimensional object by creating it as a series of thin layers. The object is created from a model stored in computer-aided design file; the model is sliced into hundreds or thousands of very thin horizontal layers using computer software, and each lager is sent to the 3D printer to be created successively until the entire object is formed. A number of different processes are used by 3D printers to create objects. Droplets of a melted material deposited to form the layers, ultraviolet light may be used to harden layers from a pool of photo curable liquid resin, or a laser or electron beam may be used to sinter (see sintering) or meli particles in a bed of powder to form the layers. A wide variety of materials used depending on the process, including thermoplastics, metals, ceramic powders, plaster, and chocolate and other foodstuffs. A 3D printer mainly consists frame, stepper motor, heater etc.

A 3D printing starts with making a virtual design of the object you want to create. This virtual design is made in a CAD (Computer Aided Design) file using a 3D modeling program (for the creation of a totally new object) or with the use of a 3D scanner (to copy an existing object). A 3D scanner makes a 3D digital copy of an object.







Principal Yashwantrao Chavan College of Science, Karad

TOUR REPORT

Department of Electronic s arranged industrial visit in online mode on 7th June 2022. The aim of visit was to collect information about 3D printer.

As per program, Shri. R. S Deshmukh discussed valuable information about 3D printer with their steps of assembling, installation, working and testing.

A 3D printer, computerized device that produces a three-dimensional object by creating it as a series of thin layers. The object is created from a model stored in computer-aided design file; the model is sliced into hundreds or thousands of very thin horizontal layers using computer software, and each layer is sent to the 3D printer to be created successively until the entire object is formed. A number of different processes are used by 3D printers to create objects. Droplets of a melted material deposited to form the layers, ultraviolet light may be used to harden layers from a pool of photo curable liquid resin, or a laser or electron beam may be used to sinter (see sintering) or meli particles in a bed of powder to form the layers. A wide variety of materials used depending on the process, including thermoplastics, metals, ceramic powders, plaster, and chocolate and other foodstuffs. A 3D printer mainly consists frame, stepper motor, heater etc.

A 3D printing starts with making a virtual design of the object you want to create. This virtual design is made in a CAD (Computer Aided Design) file using a 3D modeling program (for the creation of a totally new object) or with the use of a 3D scanner (to copy an existing object). A 3D scanner makes a 3D digital copy of an object.







Principal Yashwantrao Chavan College of Science, Karad

YASHWANT RAO CHAVAN COLLEGE OF SCIENCE, KARAD DEPARTMENT OF ELECTRONICS

CERTIFICATE

Industrial Visit 2021-22

This is to cert by that Mr./Miss. Gurav Aditya Krishnat

of B.Sc. II class participated in the Industrial Visit organized by Department of Electronics in online mode to 3D Printer Workshop, GH Society, Karad

He/She has submitted his/her industrial visit report on 10 June 2022.

Tour In-charge







Karad

Yashwantrao Chavan College of Science

al Yashwantrao Chavan College of Science, Karad

YASHWANT RAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF ELECTRONICS

CERTIFICATE

Industrial Visit 2021-22

This is to certify that Mr./Miss. Desai Shriyash Sambhaji

of B.Sc. II class participated in the Industrial Visit organized by Department of Electronics in online mode to 3D Printer Workshop, GH Society, Karad

He/She has submitted his/her industrial visit report on 10 June 2022.

Tour In-charge

Examiner

HOI

HEAD Department of Electronics Yashwantrao Chavan College of Science, Karad



3

Yashwantrao Chavan College of Science, Karad

Karad

Department of Electronics

Feedback form

Industrial Visit at <u>30 printer</u> workshop, GN Society, Karad Name of the <u>Dubal Harshani Nivas</u> Class: B:5.C. III. Roll No. 2003

		Excellent (5)	Very Good (4)	Good (3)	Satisfac
1	Organization of Industrial Visit	1-20	2		24-
2	Location selected for the industry visit/study	10	1-	1	
3	The response of Industrial expert	V-8	3	. 1	
4	Encouragement for the startup	Vy	63	2	
5	Over all Departmental co-operation & schedule management	VG	4	2	2
	Date - 10/06/2022	Sign.	D.H.M	- 4	



chavan



		Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Poor (1)
1	Organization of Industrial Visit	~				
2	Location selected for the industry visit/study	V				
3	The response of Industrial expert		~			
4	Encouragement for the startup (~				9
5	Over all Departmental co-operation & schedule management	~	Vert	P	incipal	Hun
	Date 10 06/2022	Sign. N	OHIPheo	ahayar	College of S	Science, K



Yashwantrao Chavan College of Science, Kara Department of Electronics Year (B.Sc. II) 2021-22

		Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Poor (1)
1	Industrial Visit was Held Organized	10	2			
2	The location Selected was Appropriate to meet Started object.	10	1	1		
3	Industrial expert was responsive to the Students dump Visit.	8	3	1		
4	Higher recommend the Field visit to be continued .	7	3	2		Ľ
5	Over all Departmental co-operation & management .	6	4	-	2	





HEAD Department of Electronics Yashwantrao Chavan College of Science, Karad

Yashwantrao Chavan College of Science, Karad