



Bharath
INSTITUTE OF HIGHER EDUCATION AND RESEARCH
(Declared as Deemed - to - be - University under section 3 of UGC Act 1956)



BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY
No.173, Agharam Road, Selaiyur, Chennai , T.N - 600 073.

Ref: BIHER/BIST/Civil//Spl/2017

Date: 26/06/2017

CIRCULAR

Many a times, the defined skill sets that are being imparted to students today with Programme Specific Objectives in educational institutions become redundant sooner than later due to rapid technological advancements. It is important for higher education institutions to supplement the curriculum to make students better prepared to meet industry demands as well as develop their own interests and aptitudes.

Hence a Value Added Course is offered by School of Civil and Infrastructure Engineering, Bharath Institute of Higher Education & Research. The course offered is **SKILL DEVELOPMENT COURSE ON HAND BLOCK PRINTING** with the duration of 30 hours (Two hour per day) and commences from **07/07/2017**.

Eligibility: Course is open for UG Students of Department of Civil Engineering.

Registration:

The registration form which is available in the university website should be duly filled by the participants and to be submitted to the Coordinator at least 10 days before the commencement of course.

Contact:

Dr.S.J.MOHAN

Professor / School of Civil and Infrastructure Engineering

Course Coordinator

Bharath Institute of Higher Education & Research.

Email id: mohansjm.civil@bharathuniv.ac.in

HOD

Head of the Department
Department of Civil Engineering
Bharath Institute of Higher Education & Research
(Declared as Deemed to be University U/S 3 of UGC Act, 1956)
Selaiyur, Chennai-600 073. INDIA

SCHOOL OF CIVIL AND INFRASTRUCTURE ENGINEERING

VALUE ADDED COURSE

SKILL DEVELOPMENT COURSE ON HAND BLOCK PRINTING

Date: 07.07.2017

Year/Sem: II /IV

STUDENTS NAME LIST

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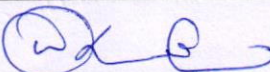


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Value Added Course on Skill Development course on Hand Block Printing

Content of Syllabus

S.No.	Syllabus Details	No. of Lecture hrs	Time am / pm	Date	Lecture name
1	Introduction	1 hrs	09.30-10.30	07/07/20	Dr.S.J.Mohan
2	The History Of Hand Block Printing	1 hrs	11.00-12.00		Dr.S.J.Mohan
3	The origin of Woodblock h	1 hrs	01.30-02.30	07/07/20	Dr.S.J.Mohan
4	Process of woodblock printing	1 hrs	03.00-04.00		Dr.S.J.Mohan
5	Hand block printing done on textiles-I	1 hrs	09.30-10.30	08/07/20	Dr.S.J.Mohan
6	Hand block printing done on textiles-II	1 hrs	11.00-12.00		Dr.S.J.Mohan
7	Making the Wood Block I	1 hrs	01.30-02.30	08/07/20	Dr.S.J.Mohan
8	Making the Wood Block-II	1 hrs	03.00-04.00		Dr.S.J.Mohan
9	Use of Chopped Wooden Logs	1 hrs	09.30-10.30	10/07/20	Dr.S.J.Mohan
10	Block Master Carving Wooden Block	1 hrs	11.00-12.00		Dr.S.J.Mohan
11	Wood Block Making	1 hrs	01.30-02.30	10/07/20	M/s.R.Chithra
12	Preparing The Fabric -I	1 hrs	03.00-04.00		M/s.R.Chithra
13	Preparing The Fabric - II	1 hrs	09.30-10.30	11/07/20	M/s.R.Chithra
14	Preparing The Fabric - III	1 hrs	11.00-12.00		M/s.R.Chithra
15	Colors and dyes for Block Printing - I	1 hrs	01.30-02.30	11/07/20	M/s.R.Chithra
16	Colors and dyes for Block Printing - II	1 hrs	03.00-04.00		M/s.R.Chithra
17	Colors and dyes for Block Printing- III	1 hrs	09.30-10.30	12/11/20	M/s.R.Chithra
18	Color Mixed And Filtered In Bucket	1 hrs	11.00-12.00		M/s.R.Chithra
19	Preparing Color Tray - I	1 hrs	01.30-02.30	12/11/20	Dr.S.J.Mohan
20	Preparing Color Tray - II	1 hrs	03.00-04.00		Dr.S.J.Mohan
21	Printing Blocks On The Fabric - I	1 hrs	09.30-10.30	13/11/20	Dr.S.J.Mohan
22	Printing The Blocks On The Fabric - II	1 hrs	11.00-12.00		Dr.S.J.Mohan
23	Fabric Pinning On The Table	1 hrs	01.30-02.30	13/11/20	Dr.S.J.Mohan
24	Border Block Printing - I	1 hrs	03.00-04.00		Dr.S.J.Mohan
25	Border Block Printing - II	1 hrs	09.30-10.30	14/11/20	Dr.S.J.Mohan
26	Dyed Fabrics	1 hrs	11.00-12.00		Dr.S.J.Mohan
27	Post block printing optional processes	1 hrs	01.30-02.30	14/11/20	Dr.S.J.Mohan
28	Fabric Steaming For Color Fastness	1 hrs	03.00-04.00		Dr.S.J.Mohan
29	Cloths Hung Dry After Washing	1 hrs	09.30-10.30	15/11/20	Dr.S.J.Mohan
30	Hand Block Printing In India	1 hrs	11.00-12.00		Dr.S.J.Mohan


HOD CIVIL

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Topic: Skill Development course on Hand Block Printing

Type of Course: value added course / UG

Department of school of Civil and infrastructure Engineering

Pre-Requisites: Computer Aided Civil Engineering Drawing

Course Duration: 30 hours (10 Jan' 18)

Intended Audience: Civil Engineering Students

Industries Applicable To: All companies that deal with the Civil infrastructure development

Coordinators: Dr. S.J.Mohan and R. Chitra

Objective:

- a) Developed competence in the area of Block Printing.
- b) Ability to list the relevant engineering applications of computer aided printing.
- c) Apply on industrial components and civil engineering drawings.
- d) Ability to develop carving a desired pattern .
- e) Ability to apply covering wooden block with ink or dye and then stamping

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COURSE OUTLINE:

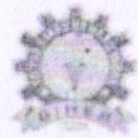
Hand block printing technique with the use of wooden blocks is a technique entirely done by hands without the use of any machines. In a nutshell, it is the technique of dipping hand carved wooden blocks in color trays and then stamping the block on the fabric imprinting the design carved on the block on the fabric permanently.

Woodblock printing technique is one of the oldest techniques of printing on textile and paper known to man. Woodblock printing is widely used throughout the Eastern part of Asia for printing pictures text or printing majorly on textiles but also on paper. The art of block printing was originated in China with the evidences dating back roughly to 220 AD. technique of woodblock printing initiated with printing on textiles it later was started to be used for paper. Till 19th century block printing was a still the most popular technique of printing in various parts of the world. Before the invention of woodblock printing majority of the printing was done using seals and stamps with which impressions were made in which date back to around 3000 BC in Mesopotamia. The technique of hand block printing came to India around 12th century from China. It was during this time that some towns of India majorly on the coastlines started getting famous for printed cottons. Diamond sutra hand block printed on a textile which is currently kept at the British museum is the earliest example of block printing on textiles with an exact date dating back to 868 AD. The technique of block printing latest write two parts of Europe. unlike the common perception areas near Surat including Surat and parts of South India and Bengal were the areas where initially the hand block printing was adapted.

Seasoned wood logs are cut into flat pieces. Then the flat finished wooden log piece is painted with white chalk paste on one side. First design is drawn on paper. The drawing is then traced on the white chalk paste surface. The with the use of different types of chisels, the block maker carves the design on the wooden log. It takes roughly a full day to two days to complete one block depending on the intricacy of the design. Multiple see through holes are drilled in the block to avoid air locking and discharging any excess color while stamping the block on the material. In the end handles are hammered in the block. At some places the handle is also carved in wood along with the flat portion from the log itself making it much more durable. The blocks, once complete are then soaked into oil for at least 10-15 days which softens the grains of the block. The blocks are regularly brushed and washed after usage in printing.



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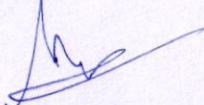
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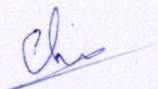


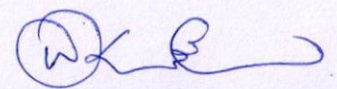
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CERTIFICATE OF participation

This is to Certify that AJAY.M, Bharath Institute of Higher Education and Research, has participated in value added course on “Skill Development course on Hand Block Printing” presented by Dr. S.J.Mohan, Professor, School of Civil & Infrastructure Engineering, BIHER, Organized by School of Civil & Infrastructure Engineering, Bharath Institute of Science & Technology, BIHER on 7th July 2017 to 15th July 2017.


Coordinator


Co-Coordinator


HOD, Civil Engineering

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VALUE ADDED COURSE

SKILL DEVELOPMENT COURSE ON HAND BLOCK PRINTING

Date: 07.07.2017

Year/Sem: II /IV



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VALUE ADDED COURSE

Feedback Form

Event Name: Skill Development course on hand block Printing

Event Venue: Date: 26/6/17

Name of participant: Vignesh.V

1. Rate the success of the event (1: not successful, 5 very successful)

1 2 3 4 5 ✓

2. Describe what topic is good.

All the topic usefull to us & top wood block making

3. What aspects of the course we improve.

—

4. What else would you like to see added.

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