

LIST OF PLATES		
Plate no.	Title	Pg.no.
2.1	Pethapur, village of the Gujarat state capital Gandhinagar	22
2.2	Parts of a CNC Router	40
2.3	Parts of a VMC (Vertical Milling Machine)	40
3.1	Rapid upper Limb Assessment sheet (RULA)	69
4.1	<i>Patli nu lakdu</i> (Pillars of old houses)	82
4.2	Different types of fiddle/ hand drills and files	84
4.3	Set of tools used in drawing/ making design	84
4.4	Different types of chisels and dies	84
4.5	Different types of grinders used for finishing a wood piece	84
4.6	Trimmer used for removing negative area from filling block	84
4.7	Drill machine used for drilling air holes in wood block	84
4.8	Scraping	85
4.9	Levelling	85
4.10	Finishing of wood piece using file	85
4.11	Rubbing of sand stone on wood piece for	85
4.12	Finishing of wood piece using electric grinder	86
4.13	<i>Khaddi</i> (a chalk)	87
4.14	Poster colour used in place of <i>Khaddi</i>	87
4.15	Drawing the design directly on wood piece	87
4.16	Transferring the design onto wood piece by tracing from the imprint	87
4.17	Drilling holes in negative area of the design	89
4.18	Breaking holes and clearing the base	89
4.19	A wood piece fixed for grinding operation	89
4.20	Removing excess wood using grinder	89
4.21	wood piece with excess wood removed.	89
4.22	Making air holes in wood block manually	90
4.23	Drilling air holes using electric hand drill	90
4.24	Stages of carving out a handle from the wood block with carved design – Marking, Eliminating and Finishing	90
4.25	Attachment of handle separately on to the carved block	90
4.26	<i>Saudagiri</i> Designs (All over and End repeats)	91
4.27	Border design with figurative	93
4.28	Border design with figurative motif	93
4.29	All over design with stylized bird motif	93
4.30	Border design with figurative motif	93
4.31	Border design with geometric motif	93
4.32	Circular Butta blocks of Bandhani print	93
4.33	Border block of Bandhani print	93
4.34	Imprint of all over design (Bandhani print)	93
4.35	Border design of folk art of Ahmedabad	94
4.36	Design of <i>Gamthi</i> print	94
4.37	Contemporary designs of flower inspired from paintings	94
4.38	Design of tree inspired by painting	94
4.39	Novelty design (Combination of monument and wild life, Africa)	94
4.40	All over design Bagh Print	95
4.41	Designs of Ajrakh print	95

4.42	Modified designs of Ajrakh	95
4.43	Exploration done using Ajrakh motifs	95
4.44	Saudagiri blocks (all over)	97
4.45	Wooden block (6" x 6")	97
4.46	Butti block (5" x 6")	98
4.47	A set of wooden blocks (8" x 6") (four colours)	98
4.48	Wooden block (10" x 6")	98
4.49	Border block (8" x 6") Three colour	98
4.50	Various designs sketched	100
4.51	Floral and free hand designs sketched	101
4.52	List showing the skilled craftsmen of Pethapur	107
4.53	Six block makers with craftsman Damodardas Gajjar	107
4.54	Original wood blocks of <i>Saudagiri</i> print	108
4.55	Imprints of <i>Saudagiri</i> print	108
4.56	Different shaped punches/dies (<i>edis</i>)	109
4.57	Block makers migrated from Farukhabad, Workshop in Ahmedabad	114
4.58	Metal blocks (Left) and Wood blocks (Right) prepared by block makers of Farukhabad, Ahmedabad workshop	114
4.59	Different types of chisels used in carving	115
4.60	Umbrella ribs of different gauges used in making chisels	115
4.61	Step 1 - Turning on the stove and fixing the rib into the wood	116
4.62	Step 2 - Heating the umbrella rib and making it flat by hammering	116
4.63	Step 3 Filing was done to acquire desired shape of chisel	116
4.64	Step 4 - Heat up the chisel on a high temperature till it turned red and cold down immediately	117
4.65	Step 5: Sharpening the chisel using emery stone	117
4.66	Prepared straight chisel	117
4.67	Making chisel using electric pedestal grinding machine (Left) and the ready chisel (Right)	118
4.68	Chisels made using machines by the craftsman	118
4.68A	Households of the craftsmen of Pethapur	124
4.69	Shri Dahyabhai Prajapati	125
4.70	A guide book by : Anjali Desai, Published by India Guide Publications, Ahmedabad, 2016	126
4.71	A handbook, Published by a Visual Communication student from the United world Institute of Design, Ahmedabad, as a part of Design Project, 2016	126
4.72	Chetanbhai Prajapati	127
4.73	Shri Govindbhai Prajapati	128
4.74	Satishbhai Prajapati	130
4.75	Shri Kanubhai Prajapati	132
4.76	Chetanbhai Prajapati	133
4.77	Shri Ghanshyambhai Gajjar	134
4.78	Kamleshbhai Prajapati	136
4.79	Booklet on " <i>Biba ane Chhapai- Block making and printing in Gujarat</i> ", created by the students of NIFT as part of project	138
4.80	Mukeshbhai Prajapati	138
4.81	Avadhesh Prajapati	140
4.82	Bhaveshbhai Prajapati	141

4.83	Pragnesh Prajapati	141
4.84	Prakashbhai Prajapati	142
4.85	Amratbhai Prajapati	143
4.86	Bharatbhai Prajapati	144
4.87	Craftsmen at work - working position A	156
4.88	Working position B- craftsmen set to work in one leg folded and one folded on knee and arm rested on it	156
4.89	Mallet - A tool used to tap on chisel while carving	156
4.90	Work area and workshop arrangement	158
4.90 a	a. Arrangement of wood piece, tools and equipment in limited space	158
4.90 b	b. A metal trunk or wooden box used to keep tools and equipment	158
4.90 c	c. During Less sunlight observed in the workshop, craftsman would work outside the workshop	158
4.90 d	d Craftsman sit and work in a corner of balcony	158
4.90e	e Craftsman sit and work in a <i>verandah</i>	158
4.90 f	f. Children playing around while craftsman at work	158
4.91	Different types of electric tools used by the craftsmen and amount of the wood dust produced while using such tools	160
4.91 a	a. Different Grinders	160
4.91 b	b. Craftsmen using trimmer and amount of wood dust produced	160
4.91 c	Electric hand drill	160
4.91 d	d. Drill machine	160
4.92	Tables used in wood block making	161
4.92 a	a. Desk (<i>Mej</i>)	161
4.92 b	b Table with three inclined legs (<i>Tarbaiyo</i>)	161
4.93	Table heights was increased by inserting either a small wood piece under the leg of the table or a piece of stone or wood placed on the base of table	163
4.94	CNC workshop, 'Shubham Wirecut', GIDC, Vatva, Ahmedabad	167
4.95	Selected geometric design for preparing wood block on CNC m/c	168
4.96	Design making using CAD software	168
4.97	Programme generated in CNC friendly programming language	169
4.98	Front view of Vertical Milling Centre (VMC)	169
4.99	Parts of VMC machine	169
4.100a	A screenshot of computer screen showing completed job work	170
4.100b	Interface showing the time calculated for the complete cycle as highlighted	170
4.101	Carving process done by VMC machine	170
4.102	Hand carved wooden block	171
4.103	Wooden block developed on machine	171
4.104	Craftsmen of Pethapur attending workshop and discussion with district level	181
4.105	District head of HSY Mr. Jignesh Kumar briefing about the workshop to the craftsmen	183
4.106	Team members Ms. Anita Rathod, Mr. Purvesh Patel, Mr. Bhautik Pethani. Mr. Hetal Pathak, Mr. Vivek Jaju, Mr. Jignesh Kumar (from left to right)	183
4.107	State team head Mr. Hetal Pathak explaining about Hastkala Setu Yojna and Mr. Vivek Jaju throwing light on marketing	183
4.108	Researcher in conversation with the team about her work for promotion of the craft	184

4.109	Glimpses of Awareness workshop on “Entrepreneurship Development Scheme” at Ramji Mandir, Pethapur	184
4.110	Resource persons with senior craftsmen of GI registered craft	186
4.111	: Senior craftsmen Shri Govindbhai Prajapati honored with memento	186
4.112	All the participant craftsmen and resource persons with organizers and resource persons	186
4.113	Selected motifs	190
4.114	Blocks prepared by the craftsmen	192
4.115	Images of developed booklet (Page 1 to 9)	192
4.116	: Images of developed booklet (Page 10 to 19)	193
4.117	Image of a last page of developed booklet	194
4.118	Sticker for the front side of a box	194
4.119	Display of kit at Gujarat National law University, Gandhinagar	196
4.120	Display and demonstration of DIY-KIT at Indulal Parekh School of Architecture (IPSA), Rajkot	196
4.121	Display and demonstration craft at Navjivan Trust, Ahmedabad	197
4.122	Poster created for the event	198
4.123	Eminent personality and artist Ms. Mallika Sarabhai	198
4.124	Visitor in conversation with craftsman	198
4.125	Visitors tried their hands by holding hand drill and to understand the craft skill	199
4.126	A motivational comments by Ms. Jaya Jaitly, an eminent personality, activist and curator of Indian Handicrafts	199
4.127	A screenshot of message received by eminent personality and artist Ms. Mallika Sarabhai	199
4.128	Images of designed Commercial cards incorporated with QR Code and GI logo for each workshop	202
4.129	Images of craftsman’s profile after scanning QR code	203
4.130	GI Logo, used as logo of the website	204
4.131	: Images of website pages (1 to 6)	205
4.132	Images of website pages (7 to 15)	206
4.133	Images of invitation of an exhibition and a talk	207
4.134	Images from a conversation held on February 25, 2023	209
4.135	Images of guiding the tour of an exhibition with group of students	209
4.136	Contents of a developed DIY- hand block printing kit	222
4.137	visiting card with QR code	223
4.138	Home page of the website	224