

ANNUAL REPORT

KUMARAPPA NATIONAL HANDMADE PAPER INSTITUTE, JAIPUR

FROM THE DIRECTORS DESK

It is a matter of great pleasure for me to place before you the progress and achievements of Kumarappa National Handmade Paper Institute during 2018-19 in the form of Annual Report of the Institute which is an autonomous body under KVIC-Ministry of MSME.

I am highly proud of my team of the scientists, staff and all the employees who contributed in a significant way this year, in terms of the technologies developed at National level widely circulated in media along with mercurial increase in IRG of the Institute. As per the track record of the institute, the team has many things to its credit in terms of Development of alternate ligno-cellulosic raw materials, Development and propagation of environment-friendly technologies through the use of Natural dyes, Biotechnology, Effluent treatment systems, Human resource development, Project consultancy & technical services, Pilot plant activities, Transfer of technologies &Dissemination of information through organization of workshops, Seminars &Conferences, Publication of various research papers in reputed journals.

The Institute would like to place on record the guidance received from Shri Giriraj Singh, Honorable Minister, MSME Govt. of India and Shri Vinai Kumar Saxena, Honorable Chairman, KVIC to scientists of the Institute to develop various path breaking technologies as given below:

Reuse of polythene in nature under REPLAN.

Utilization of cow dung for making value added paper and paper products.

Cow dung and other fibers utilization for making hard board.

Utilization of cow dung for making antiseptic dye for textiles

Utilization of black liquor of cow dung for making cosmetic products including soap, moisturizer, shampoo etc.

Utilization of black liquor of cow dung liquor for making Organic Vedic paint.

Utilization of waste Moringa stems for making specialty grade of paper.

Utilization of temple flower waste and coconut shell for making ShubhHawanSamagri.

Apart from the developed technologies as mentioned above during the year 2018-19, the Institute has also received sponsored projects from Directorate of Science & Technology, KVIC and Department of Science & Technology, New Delhi.

Development of Wet Tissue, Herb & Cosmetics Paper and Design Development with Screen/Block Printing. (Project under S&T, KVIC)

Development of Eco-friendly Handmade Paper & Paper Board from Bamboo & other ligno-cellulosic raw material available in North East region. (Project under DST Govt. of India)

Development of Organic Vedic Paint from cow dung. (Project under S&T, KVIC)

Uniform external sizing/coating of handmade paper. (Project under S&T, KVIC)

Decolorization of mixed color hosiery cutting/tailor cutting and total chlorine free bleaching of ligno-cellulosic raw materials using ozonation and enzymatic route. (Project under S&T, KVIC)

It is my pleasure to put on record the sanction of proposal under ASPIRE in the current year by Ministry of Micro, Small & Medium Enterprises, Govt. of India after making presentation by the Institute before the Secretary, MSME, Govt. of India.

KNHPI is also thankful to the Indian handmade paper fraternity for their time to time feedback and interaction with the Institute to work on applied problems for the handmade paper industry. KNHPI pay thanks to our valuable customers to whom the Institute has provided consultancy and technical services during the year 2018-19.

This year, the Institute has earned remarkable IRG by way of supply of handmade paper carry bags made of polythene mixed paper to various Khadi outlets and this was possible only by the support given by Shri Vinai Kumar Saxena, Honorable Chairman, KVIC. The Institute has shown remarkable growth this year and the technologies which were developed this year were not only limited to handmade paper sector, but in other areas including paint, antiseptic dye, bio-fertilizers and cosmetic products keeping the eco-friendly credentials of the mother earth intact.

The Institute has to its credit training courses rendered under entrepreneurship development, condensed courses, one day workshop for students of schools, colleges and universities. The various training programs rendered by the Institute immensely help in generation of employment in the country.

The Institute is indebted to Shri Giriraj Singh, Honorable Minister, MSME for his valuable visits in the Institute during the year 2018-19 which were a source of high recognition and aspiration for me and my team.

The Institute has been cherished by Shri Vinai Kumar Saxena, Honorable Chairman, KVIC for his valuable visits in the Institute and giving his support and valuable time without any apprehensions from his highly busy schedule.

Mrs. Preeta Verma, IPS, Chief Executive Officer, KVIC has been very much supportive for the Institute by acknowledging the research work carried out by the Institute at various platforms.

I place on record that Mr. Satyanarayan Shukla, Dy. Chief Executive Officer KVIC and Secretary to Chairman has always been kind enough for sparing his valuable time during the meetings with Honorable Minister and Honorable Chairman, KVIC. Being a chemical engineer, he has always been a guiding support to the scientists of the Institute by his technical skills and experience.

At last, I would like to thanks the officials of KVIC who have given support in various endeavors of the Institute

(A K Garg)

Dy. Director I/c

KNHPI, Jaipur



FOREWORD

The GDP of India has been rising in the present Government and with this there is high demand of Indian products in the international market. The Indian Handmade Paper Industry is one of the core sectors which have tremendous potential in export market. The opportunities for creation of additional employment generation among the youth and rural areas have also been increased by the efforts of the present government.

Under KVIC, a large number of possibilities have now been made available for utilization of the natural fibers. These fibers such as Banana Garbage, Cow Dung, Jute, Cotton Rags etc. may become an alternate for future raw materials. I am sure that that this document in the form of Annual Report brought out by KNHPI will be highly useful to all those working towards the goal of achieving sustainable and eco-friendly Indian society.

I am highly influenced by the research work carried out by the scientists of the Institute. This year when the world is working for the "Beat Plastic Pollution", KVIC has also initiated project REPLAN (Reducing Plastic in Nature) which is helping to reduce the otherwise invincible heavy plastic pollution, with its utilization in paper making.

Plastic pollution has become a grave problem for present world, and if we do not take proactive steps today, then it will be too late for our future generations to come. Highly conscious for the plastic pollution in the world and being part of Swachh Bharat Abhiyaan, I instructed the scientists of the Institute to develop the technology on utilization of plastic waste found in the suburb area near the Institute. The Institute has now developed a technology for utilization of plastic waste in handmade paper making which has been able to decrease the cost of production of paper by up to 34%. The Institute has a vast potential to develop more path breaking technologies.

I wish the staff of the Institute my best wishes for their commendable work and extend my support whenever needed by this Institute.

V. K. Saxena.

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A. KUMARAPPA NATIONAL HANDMADE PAPER INSTITUTE

Kumarappa National Handmade Paper Institute is one of its kind in whole of the Asia which came into existence out of UNDP-KVIC GOI project and emerged as a world class centre of excellence for the growth & development of Indian Handmade Paper Industry. Looking into the present and future requirements of Indian handmade paper industry the institute has been focusing its R&D activities to explore alternative and cost effective locally available ligno-cellulosic raw materials. Energy conservation, environmental management, development and design of eco-friendly products to improve the competitiveness of handmade paper industry in domestic and global market Human resource development activities coupled with the technical consultancy has been helping the handmade paper industry in India and abroad in skill up-gradation and upliftment of handmade paper sector.

A.1 OBJECTIVES OF THE INSTITUTE

To promote the cause of the handmade paper industry through:

- ❖ Technology development for handmade paper sector by carrying out R&D
- ❖ Technology transfer and its implementation
- Maintain laboratories, pilot plant, workshops
- ❖ HR development in the sector
- Publication of books, papers, periodicals and scientific data
- ❖ To encourage discoveries, examine and publish information regarding the nature and merits of inventions, improvements materials and designs
- ❖ To take and acquire patents or licenses relating to such inventions improvements or processes and to acquire and register designs and standardization marks and to develop, perfect and test their value.

A.2 GOVERNING COUNCIL OF KNHPI

MEMBERS OF THE GOVERNING COUNCIL

S.No.	Name/ Designation	Organization/Address	
1	The Chairman, KVIC/ President, G.C., KNHPI	Khadi & V. I. Commission, 3, Irla Road, Vile Parle (W) MUMBAI – 400 056.	
2	Chief Executive Officer	Khadi & V. I. Commission, 3, Irla Road, Vile Parle (W) MUMBAI – 400 056.	
3	Jt. Secretary	Ministry of ARI, Govt. of India, Udyog Bhawan, NEW DELHI – 110 011.	
4	Financial Advisor	Khadi & V. I. Commission, 3, Irla Road, Vile Parle (W) MUMBAI – 400 056	
5	Dy. CEO (NZ)	Khadi &V.I.Commission MDTC Gandhi Darshan Rajghat, Delhi.	
6	Director	Central Pulp & Paper Research Institute, Paper Mills Road, Himmat Nagar, SAHARANPUR.	
7	The Chief Executive Officer*	Mizoram Khadi & V. I. Board, ZORUN (Rev. Dr. Zairema Building), Zarkawt, AIZAWL – 796007 (MIZORAM).	
8	The Secretary*	Rajasthan Khadi & V. I. Board, Gokulbhai Bhatt Memorial Bhavan, J.L.N. Marg, Near Telephone Exchange, Bajaj Nagar, JAIPUR.	
9	Dr. Vimal Kumar	Advisor, Ministry of Science & Technology Department of Science & Technology, Room No. 17-B, Technology Bhavan New Mehrauli Road NEW DELHI.	
10	Dr R K Jain	R-14/160, Sector-14 Raj Nagar, GHAZIABAD	

11	Sri AlimuddinKagazi	M. D./Member, GC, KNHPI Salim Handmade Paper Industry, Gramodyog Road, Sanganer, JAIPUR.
12	The Director	Handmade Paper & Fiber Industries Khadi & V. I. Commission 3, Irla Road, Vile Parle (W) MUMBAI- 400 056
13	Head of Department	Indian Institute of Technology Roorkee Department of Paper Technology Paper Mill Road SAHARANPUR-247001
14	The Director, KNHPI/Member /Convener G.C.	Kumarappa National Handmade Paper Institute, Ramsinghpura, Sikarpura Road, Sanganer, JAIPUR.

Co-opted Members from handmade paper units one each from six zones as invited members

15	Shri B. G. Seetharam,	B.G. Handmade Paper (South Zone) 5, 1, Main, VHBCS Layout Mahalakshmipuram Bangalore-560086
16	Shri Pramod Garg	Shankar GramudyogSewaSansthan, Bulandshahar Road, Hapur (Central Zone)
17	Shri Abul Hassan	A L Paper House Sanganer Jaipur
18	Shri Sonam Tshering Bhutia	Gangjong Paper Industry Pritam Road Kalimpong-734301 Darjeeling (W.B)
19	Shri C S Kelkar	Heritage Industries Deccan Gymkhana Pune
20	M/s Zephyr Papers	Lower Nandok, P.O. – Ranipool, East Sikkim -737 135 (North – East Zone)

RESEARCH ADVISORY BOARD

NAME	DESIGNATION	ORGANIZATION	
Dr. R. K. Jain	Ex-Director,	CPPRI, Saharanpur	
Dr Vimal Kumar	Advisor, Ministry of Science	Department of Science &	
	e& Technology,	Technology	
Dr S Greep,	Director	S&T, KVIC, Mumbai	
Shri Pramod Garg,	Owner of Handmade paper unit	Shankar Gramodyog	
Hapur		SewaSansthan,	
Shri A K Garg,	State Director	KVIC, Jaipur	

B. STATUS OF HANDMADE PAPER INDUSTRY IN INDIA

The handmade paper making entered into India in the 11th Century and saw its growth to the zenith during the Moghul period. The industrialization brought the doom for this industry also during the reign of British Empire. The pathetic condition of handmade paper industry was tried to be salvaged during the efforts of great visionaries, the likes of Mahatma Gandhi and Prof J. C. Kumarappa. And in the independent India, the responsibility for the survival of this industry was shouldered upon Khadi & V.I. Commission. And in the year 1991, there happened to be the rise of Kumarappa National Handmade Paper Institute at Sanganer Jaipur for the revival and strengthening of Indian handmade paper industry. The industry has seen the tremendous growth since the inception of the institute because of many focused activities of the institute.

The Indian handmade paper got recognition on export market front because of multifarious efforts by UNDP and KVIC in the form of KNHPI which can be visualized as follows:



C. INTERNAL REVENUE GENERATION

ACTIVITY	TARGEGT FOR YEAR	ACHIEVED TARGET
	2018-19	AMOUNT
	Rs. in lakh	Rs. in lakh
Training	8.00	10.50
Consultancy/ Technical Services	0.50	0.55
Sale of Paper/ Domestic market of carry bags (IRG Approx)	10.00	11.00
Misc Income	1.50	0.79
TOTAL	20.00	22.84
	Training Consultancy/ Technical Services Sale of Paper/ Domestic market of carry bags (IRG Approx) Misc Income	Z018-19 Rs. in lakh Training 8.00 Consultancy/ Technical Services Sale of Paper/ Domestic market of carry bags (IRG Approx) Misc Income 1.50

D.PROGRESS AND ACTIVITIES OF KNHPI

1. Raw material and process research

Apart from the projects sponsored by various government agencies, the Institute has conducted studies on various research preliminary studies on the instructions of higher authorities (Honorable Minister, MSME, Govt. of Indian and Honorable Chairman KVIC). The details of research studies are as given below:

1.1 REUSE OF POLYTHENE WASTE FOR MAKING VALUE ADDED PAPER AND PAPER PRODUCTS UNDER REPLAN

During the visit of the Honorable Chairman, Khadi & Village Industries Commission to Kumarappa National Handmade Paper Institute Jaipur on 2nd August 2018, after seeing polythene waste in the suburb areas of KNHPI, Jaipur has shown great concern to reduce the burden of heavy plastic pollution and its utilization in paper making. Honorable Chairman KVIC directed KNHPI officials to collect plastic garbage from the nearby drainage and after necessary cleaning and processing, mix the plastic waste in the paper pulp up to 20% to ascertain whether plastic waste can be utilized in handmade paper industries. Chairman KVIC further directed to this experiment within 7 days and report. Accordingly, plastic waste was collected on 4th August 2018. The preliminary studies showed potential of utilization of polyethylene waste in handmade paper making to make cost effective handmade paper to be used for making carry bags etc. It may become a great revolutionary step towards maintaining environment and green earth. The project proposal has been formulated and submitted to S&T for further detailed studies.



Hon'ble Minister, MSME and Shri Vinai Kumar Saxena, Hon'ble Chairman KVIC, Dr Sheila Rai, Expert Member, KVIC, Mr. Satya Narayan Shukla, Dy. CEO, KVIC with scientific staff of KNHPI showing polythene waste which is used for paper making



Shri Vinai Kumar Saxena, Honorable Chairman, KVIC showing report of REPLAN (Reuse of polythene in nature) to Shri Giriraj Singh, Honorable Minister, MSME

`Carry bags made from 20% polythene waste and 80% Cotton Hosiery Waste





Carry bags made from 20% polythene waste inaugurated on 30th August 2018 by Shri Vinai Kumar Saxena, Hon'ble Chairman, Mrs. Heena Bhatt, Member; Mrs. Preeta Verma, Chief Executive Officer, KVIC and other GC members of KNHPI

MEDIA COVERAGE ON REPLAN





Earlier the cost of production of handmade paper made of white cotton rags was Rs.100/-per kg.

However after mixing polythene waste, it has come down to Rs. 66/-per kg. i.e. reduction of 34% in the cost of production.

Earlier the cost of production of one handmade paper carry bag made was Rs. 15.50 per bag.

After mixing the waste, it has come down to Rs.12.10 per carry bag.

1.2 UTILIZATION OF COW DUNG FOR MAKING VALUE ADDED PAPER AND PAPER PRODUCTS.

The studies were conducted on utilization of cow dung for making handmade paper and paper products on initiatives of Honorable Minister, MSME.

Objective:

Development of prototype handmade paper and paper products from cow dung.

Highlights:

The preliminary studies were quite encouraging. For detailed studies, project proposal has been formulated and submitted to S&T,KVIC.



Collection of cow dung from Gaushala



Handmade paper and paper products from cow dung



Inauguration of cow dung paper on 12thSeptember 2019, by Shri Giriraj Singh, Honorable Minister MSME, Shri Vinai Kumar Saxena, Honorable Chairman, KVIC and other delegates

COST ECONOMICS OF PREPARING HANDMADE PAPER FROM COW DUNG

S.N	Particulars	Mixed colored rags (30%) + Cow	White cotton rags
		dung (70%)	(30%) + Cow dung
			(70%)
1	Cost of cotton	100% Mixed colored rags	100% white cotton rags
	pulp	Rs. 50/- per kg	Rs 100/- per kg
2	Cost of	Mixed colored rags (30%) + Cow	White cotton rags
	combined pulp	dung (70%)	(30%) + Cow dung
		Rs. 38.80/- per kg	(70%)
			Rs 53.80/- per kg
3	Cost of paper,	Rs 3.10/- per sheet	Rs. 4.30/- per sheet
	200 gsm		

1.3 COW DUNG AND OTHER FIBRES UTILIZATION FOR MAKING HARD BOARD

The studies were conducted on the initiatives of Honorable Minister, MSME

The cow dung was used for making hard board utilizing facilities of board industry in Sanganer. The cow dung board was used for decoration of office of Director, KNHPI.



Hard board developed from cow dung and other fibers



Director's office, KNHPI renovated using Hard board made from cow dung in KNHPI

1.4 UTILIZATION OF BLACK LIQUOR OF COW DUNG FOR MAKING ORGANIC VEDIC PAINT

The studies were conducted on the initiatives of Honorable Minister, MSME and Honorable Chairman, KVIC. The cow dung was used for making organic Vedic paint. The preliminary studies were quite satisfactory and therefore, the project proposal for detailed studies submitted to S&T, KVIC and the same has been approved and sanctioned in January 2019.

1.5 UTILIZATION OF BLACK LIQUOR OF COW DUNG FOR MAKING COSMETIC PRODUCTS INCLUDING SOAP, MOISTURIZER, SHAMPOO ETC

The studies were conducted on the initiatives of Honorable Minister, MSME and Honorable Chairman, KVIC. The cooked black liquor achieved during paper making from cow dung was used to make organic soap and other cosmetic products. The preliminary studies showed satisfactory results when tested for various properties of soap. The prototype products were developed. For detailed studies, the project proposal formulated and submitted to S&T, KVIC.

1.6 UTILIZATION OF BLACK LIQUOR OF COW DUNG FOR MAKING ANTISEPTIC DYE

The studies were conducted on the initiatives of Honorable Minister, MSME and Honorable Chairman, KVIC. The preliminary studies were conducted with black liquor achieved during pulping process of cow dung, uncooked cow dung and biogas slurry. The preliminary studies showed antibacterial properties of the cloth dyed with cooked cow dung liquor. The prototype products were developed. For detailed studies, the project proposal formulated and submitted to S&T, KVIC.



Samples of cow dung extracted liquor for making antiseptic dye for textiles

The results of total plate count and no growth of Escherichia Coliand Staphylococcus Aureusconfirmed the antibacterial properties of cow dung liquor with textiles.

1.7 UTILIZATION OF COW DUNG FOR MAKING BIOFERTILIZER

The studies were conducted on the initiatives of Honorable Minister, MSME and Honorable Chairman, KVIC. The preliminary studies were conducted with liquor of cow dung for making bio-fertilizer. The preliminary studies were quite encouraging. The prototype products were developed. For detailed studies, the project proposal formulated and submitted to S&T, KVIC.

1.8 UTILIZATION OF MORINGA OLIFERA STEMS FOR MAKING VALUE ADDED PAPER AND PAPER PRODUCTS

Moringa Olifera commonly known as drumstick tree and Sahajna is grown for fruits and leaves. The studies on Moringa Olifera commonly known as "Sehajna" for making paper was conducted on the initiatives of Honorable Minister, MSME and Honorable Chairman, KVIC. The waste Moringa stems was collected from the vicinity of the Institute. The studies initiated with the proximate chemical analysis of the Moringa stems. The results were quite encouraging.

The preliminary studies showed the absorbent qualities of the pulp and good strength properties. The prototype products were developed



Waste Moringa stems

Handmade paper made from Moringa stems

Evaluation of strength properties and comparison with other papers

	White cotton rags	Mixed colored cotton rags	Cow dung (70%) + Cotton pulp (30%)	Moringa Olifera (Drumstick tree)
Burst Factor	12-18	10-12	12.18	14.41

1.9 UTILIZATION OF TEMPLE WASTE FOR MAKING NATURAL DYES AND OTHER PRODUCTS The temple waste flowers were collected from temples and utilized for making HawanSamagriand other products.



Coconut shell

Temple flower waste



Inauguration of HawanSamagri made from temple flowers and Coconut Shell by Shri Giriraj Singh, Honorable Minister MSME, Shri Vinai Kumar Saxena, Honorable Chairman, KVIC and other delegates

The calorific value of HawanSamagri was evaluated using external testing services and was found to be satisfactory for HawanSamagri purpose.

E. HUMAN RESOURCE DEVELOPMENT

Under Training Program, Institute conducted various training courses during the year 2018-19. The details of training programs are as under:-

S.N	NAME OF TRAINING	DURATION OF TRAINING	NO. OF CONDIDATES
1.	Condensed Course for Handmade Paper Making	Five days	56
2.	EDP Training on Handmade Paper Making	Two days	01
3.	B. Tech. Dissertation Program in (Chemical Engineering) in Environment Laboratory	Six Moth	03
4	One day Training cum Workshop on Recycling of Waste Paper for handmade Paper Making" and "Utilization of waste for making value added paper and paper products under Swachh Bharat" in Environment Laboratory/Biotech Lab/Paper section.	One day	100
5	PhD. Study in Bio tech Lab.	Three months	01
5.	Others		55
		TOTAL	215

From the above training program the Institute received an amount of **Rs. 10.50 Lakh** as training fees against of the target of Rs. 8.00 lakh

TRAINING IN BIOTECHNOLOGY

Dissertation Training Completed

S.	Name of the student and	Topic of the Dissertation Training	Period of training
No.	affiliation		
1.	Miss Bharti	Effect of certain pretreatments on	27.12.2017 to
	M.Sc. (Env. Science)	deinking of the handmade paper	22.06.2018
	Banasthali University	pulp of shredded currency waste	
2.	Miss Juhi Sehrawat	Green coconut waste: a new raw	27.12.2017 to
	M.Sc. (Env. Science)	material for handmade papermaking	22.06.2018
	Banasthali University		
3.	Miss Meenakshi Rajput	A comparative study of individual	16.2.2018 to
	M.Sc. (Microbiology)	isolate and selected consortium for	7.05.2018

The IIS University, Jaipur	Xylanase production a	and their	
	biobleaching potential		

PhD Studies in Biotech Lab

S.	Name of the student	Topic of the	Period
No	and affiliation	Dissertation training	
•			
1.	Miss Sushmita Aswal,	Evaluation of White Rot	-4.7.2018 to 10.10.2018
	Research Scholar,	Fungal Cultures for	-Certificateof
	KNHPI and The IIS	Biopulping of Ankara	completion(KNHPI/Biotech-
	University, Jaipur	Fiber	PhD/2017-18/22/341)
	"Rajiv Gandhi		18.10.2018.
	National Fellowship		
	Scheme (RGNF)":		
	RGNF-2015-17-SC-		
	RAG-12017.		

The written work of thesis of Miss Sushmita Aswal, Research Scholar, The IISU and KNHPI (who has completed her thesis work under the guidance of Dr. Sunita Chauhan, RA (Biotech), KNHPI.

ONE DAY TRAINING CUM WORKSHOP

One day training cum workshop on "Swachh Bharat-Utilization of waste for making value added paper" was conducted for 23 B. Tech (Chemical Engineering) female students of Banasthali Vidyapeeth, Banasthali on 23rd October 2018.

One day training cum workshop on "Recycling of waste paper for making handmade paper" was conducted for 15 students of Jaipur National University, Jaipur.

One day training cum workshop on "Recycling of waste paper for making handmade paper" was conducted for 08 students of JECRC, Jaipur.

F. TECHNICAL AND CONSULTANCY SERVICES

The technical services were rendered to the following agencies:

S.N	Testing cases received from	Name of test	
1	Mr. Vasant Bhai Bhogilal Shah, Ahmedabad	pH and Ash of two paper samples	
	·		
2	M/s Paperdom, Surat	pH, Ash and Fiber analysis of paper sample	
3	M/s Hayat Paper House, Jaipur	pH of paper sample	
4	M/s Century Overseas, Jaipur	pH of paper sample	
5	M/s Sagar Industries, Jaipur	pH, Hardness and Total solids of water sample	
6	M/s Khadi Paper & Craft, Jaipur	pH and Fiber Analysis of paper sample	
7	M/s Khadi Paper & Craft, Jaipur	Basis weight, Thickness, Bulk, Stiffness and Moisture of two paper samples	

Under Consultancy / Technical services, Institute provided the services to the followings party the detail are as under:-

S.N.	NAME OF THE PARTY	SERVICES
1.	M/s Biofrac , Hisar Haryana	Pulping process for different Agroresidue (
		Wheat straw, Rice straw, Baggasse)
2	Mr. Philip, Kerala	Prepared detail project report for making of
		Handmade Paper from Coconut and Palm leaves

The paper testing laboratory of the Institute is engaged in testing of paper and products for fiber analysis, pH, Ash etc for internal research and external agencies.

G. PILOT PLANT ACTIVITIES

The pilot plant of the Institute is engaged in demonstration and practical training during on-going training program and workshops. Apart from this services of pilot plant is also utilized to manufacturing of different types of papers like tissue paper, balloting paper, paper for file covers and envelopes and paper for carry bags to increase the IRG of the Institute through domestic marketing. During the 2018-19 the Institute under domestic market supplied the stationery items, like file covers, folders, Envelops blotters, etc including of different sizes of carry bags to KVIC office and KGBs total amounting of Rs. 51.42 lakhs.

The details of carry bags supplied to KGBs

S.N	NAME OF THE KHADI BHAWAN	NO. OF CARRY BAGS SUPPLIED	AMOUNT Rs. lakh
1	KGB New Delhi	373500	37.97
2	KGB Mumbai	19300	1.84
3	KGBBhopal	11500	1.20
4	KGB Ernakulum	27100	2.82
5	KGBKolakata	25000	2.98
6	KGBPatna	9800	1.03
7	KGB Goa	2000	0.21
8	KGB Jaipur	1100	0.13
9	KGB Lucknow	5000	0.51
10	RKGB, Jaipur	8000	1.08
	TOTAL	482300	49.77

At present Institute is having about **one lakh carry bags** of different sizes in ready stock as on 31.03.2018.

H. SPONSORED PROJECTS

Under research and development Program of the Institute the followings researchprojects are allotted by S&T, KVIC and DST Govt. of India. The studies are being conducted. The details of the projects are under:-

S.N.	NAME OF THE PROJECT	PROJECT COST Rs. in lakh	Action plan
1.	Development of Wet Tissue,	12.66	Work is under progress and for
	Herb &Cosmetics Paper		procurement of the machine
	and Design Development		Tender is already published in
	with Screen/Block Printing.		news papers. The project shall be
	(Project under S&T, KVIC)		completed in 2019-2020.
2	Development of Eco-	30.90	Work is under progress.
	friendly Handmade Paper &		
	Paper Board from Bamboo		
	& other lignocellulosic raw		
	material available in North		
	East region		
	(Project under DST Govt. of		
	India)		
3.	Development of Organic	15.00	The project was sanctioned from
	Vedic Paint from cow dung.		Directorate of Science &
	(Project under S&T,		Technology, KVIC, Mumbai.
	KVIC)		Work is under progress.
			Order for the machine has been
			given to the finalized party. The
			project shall be completed in

			2019-2020.
4	Uniform external sizing/coating of handmade paper.	9.13	The project was sanctioned from Directorate of S&T, KVIC, Mumbai on 30 th March 2019. The amount of Rs 9.13 lakhs received
	(Project under S&T, KVIC)		in March 2019. The duration of the project is one year.
5	Decolorization of mixed color hosiery cutting/tailor cutting and total chlorine free bleaching of lignocellulosic raw materials using ozonation and enzymatic route. (Project under S&T, KVIC)	13.50	The project was sanctioned from Directorate of Science & Technology, KVIC, Mumbai on 30 th March 2019. The amount of Rs 9.13 lakhs received in March 2019. The duration of the project is one year.

I. SUBMISSION OF PROJECT PROPOSALS

The preliminary studies were conducted and for further detailed studies, the project proposals have been submitted to S&T, KVIC in March 2019.

Development of cost effective paper and paper products after reutilization of polythene waste under REPLAN.

Development of value added products (HawanSamagri, Energy Briquettes, Handmade paper, Natural dyes etc.) from flower waste and Coconut Shell.

Development of paper and paper products from cow dung.

Development of antibacterial natural dye from cow dung liquor in handmade paper making process using cow dung as raw material.

Other project proposals were formulated and submitted by Biotech section of KNHPI to S&T, KVIC and DST, Rajasthan

Assessing antimicrobial and ant cancerous potential of water extracts obtained during fiber extraction from waste banana stems.

Evaluation of certain pigmented microbes from nature to see the possibility of using extracted pigment for dyeing the handmade paper pulp.

Development of bio-fertilizer from uncooked cow dung liquor.

Evaluation of fungal enzymes for their effect on bio-bleaching of handmade paper pulp of colored cotton rags.

Multifunctional colloidal sulphurparticles: A promising green pesticide for practical agriculture applications" as a collaborating agency

Two days' workshop on "Green employment opportunities in recycling of waste paper, handmade papermaking and product making"

J.CONFERENCES/SEMINAR/WORKSHOP PARTICIPATION

Mr. A K Garg, Dy. Director I/c, KNHPI, Dr Atul Kumar, SRA, Moh. Esa Khan, SRA, Dr Saakshy, RA and Dr Sunita Chauhan, RA participated in the *Round table conference* at the **Ministry of MSME**, **Delhi** on "Utilization of cow dung for handmade papermaking and paint development" on **18.12.18**

Mr. A K Garg, Dy. Director I/c, KNHPI, Dr Atul Kumar, SRA, Moh. Esa Khan, SRA, Dr Saakshy, RA and Dr Sunita Chauhan, RA participated in a **meeting at MSME**, Delhi on **15.10.18.**

Dr Sunita Chauhan, RA participated in the national conference on "Biotechnology and Environment for Sustainable Development(BioESD 2019) at Dr. B.Lal Institute of Biotechnology, Jaipurand delivered the planery lecture on "Handmade paper industry: a green and sustainable enterprise and its challenges "on 30.3.2019 during the Industrial Session of the conference. Abstract of the article was also published in the Souvenir of the conference

Annual Report for Kumarappa National Handmade Paper Institute 2018-19

K. MEETINGS

KNHPI Aspire

The Scheme Steering Committee meeting held on 6th March 2019 regarding finalization of project proposal for setting up of Livelihood Business Incubator Centre under ASPIRE (A Scheme for Promotion of Innovation, Rural Industries and Entrepreneurship) in Kumarappa National Handmade Paper Institute, Jaipur. The presentation was made before Secretary, MSME, Govt. of India and the project was approved for 97.8 lakhs

26th GC MEETING OF KNHPI

26th Governing Council meeting of the Institute was held on 30th August 2018 at KNHPI, Sanganer, Jaipur.

TRAINING IN ENVIRONMENTAL SCIENCE / CHEMICAL ENGINEERING

Dissertation training

The two students of B.Tech, Chemical Engineering, Banasthali Vidyapeeth conducted 06 month dissertation training under the guidance of Dr. Saakshy, RA KNHPI.

L. SIGNING OF MOU WITH UNIVERSITIES

The process of MoU initiated with the following universities in the year 2018-19:

Shobhit University, Meerut

Jaipur National University, Jaipur

Manipal University, Jaipur

M. FILING OF PATENT

The approval for filing patent on plastic mixed handmade paper was received from Directorate of Handmade Paper & Fiber Industry, Mumbai on 26th November 2018. The letters sent to Directorate of Science & Technology, KVIC, Mumbai to sanction funds to file more patents as desired by Shri Giriraj Singh, Honorable Minister, MSME and Honorable Chairman, KVIC.

Utilization of Moringa Olifera to make value added paper and paper products

Utilization of cow dung for making hard board

Utilization of cow dung and polythene waste to make value added paper and paper products

Utilization of black liquor of cow dung to make soap

Utilization of cow dung pulp to make cost effective organic Vedic paint.

N. VISITORS AT KNHPI

During 2018-19, the Institute was visited by reputed delegates. Some of the prominent are mentioned as below:



Honorable chairman KVIC visited Institute on 2nd August 2018



Visit of Mrs. Preeta Verma, IPS and CEO, KVIC visited Institute on 30th August 2018



Shri Giriraj Singh, Honorable Minister, MSME visited the Institute on $12^{\,\mathrm{th}}$ September 2018



Shri Giriraj Singh, Honorable Minister, MSME visited the Institute on 3rd October 2018 and seeing the activities of the Institute



Shri Ram Mohan Mishra, Additional Secretary and Development Commissioner, MSME visited the Institute on $3^{\rm rd}$ November 2018

Visit of technical committee on 30th November 2018 to evaluate REPLAN



O. VISITS

Dr Saakshy, RA, KNHPI visited to Ms. Neha Mehrotra house on 6th April 2018 and met her regarding her assistance required from KVIC which she reported to Shri Narendra Modi, Honorable Prime Minister of India.

Mr. Satyanarayan Shukla, Dy. CEO, KVIC, Mr. A K Garg, Dy. Director I/c KNHPI along with Dr Atul Kumar, Moh. Esa Khan, Dr Saakshy and Dr Sunita Chauhan, the scientific staff of the KNHPI and visited the office of MSME and met Shri Giriraj Singh, Honorable Minister MSME on 12th October 2018 and apprised about the scientific work carried out on cow dung in the Institute.

Mr. A K Garg, Dy. Director, KNHPI, Dr Atul Kumar, SRA, MohEsa Khan, SRA, Dr Saakshy, RA and Dr Sunita Chauhan, RA participated in the round table conference on "Paint and handmade paper industry" held in Vigyan Bhawan, New Delhi under chairmanship of Shri Giriraj Singh, Honorable Minister, MSME.



Staff of KNHPI, KVIC and MGIRI Wardha with Shri Giriraj Singh, Honorable Minister, MSME

P. PAPERS PRESENTED /LECTURED DELIVERED

Invited Lectures

An invited lecture on "Biotechnological applications in handmade papermaking" was delivered by Dr. Sunita Chauhan at JECRC University, Jaipur on 7.8.2018.

Planery Lectureon "Handmade Paper Industry: A green and clean enterprise and its challenges" during National conference on "Biotechnology and Environment for Sustainable Development (BioESD2019) organized by Dr. B. Lal Institute of Biotechnology, Jaipur during the period from 29-30th Mar'2019:41.

Q. REPRESENTATION IN EXTERNAL COMMITTEES

Bureau of Indian Standards, New Delhi

Dr Saakshy, RA KNHPI- Member of CHD 15 (Paper and Products Sectional Committee),

Member of CHD 14 (Paper and paper products)

Alert panel member for development of standards

External Examiner

Dr Saakshy, RA, KNHPI, Jaipur - Viva voce of students of Jaipur National University, Department of Chemical Engg., Jaipur

Dr Sunita Chauhan, RA KNHPI - Practical Exams, Setting Question Papers and Central Evaluation of the B.Sc. students of Microbiology/Biotechnology/Environmental Sciences of The IIS University, Jaipur.

R. CELEBRATION OF NATIONAL DAYS AND OTHER IMPORTANT DAYS AT KNHPI

YOGA DAY

Third International Yoga day was celebrated in KNHPI on 21st June 2018 to promote yoga for health mind, body and soul.

INDEPENDENCE DAY

The Independence day on 15th of Aug., 2018 was celebrated at KNHPI, Jaipur. Mr. A K Garg, DD, I/c. hoisted the National flag and made a speech andgreetings given to the staff and officers of the institute.

VISHWAKARMA PUJA IN KNHPI

On the occasion of Vishwakarma Pooja on 17th September 2018, the Vishwakarma pooja was celebrated. Mr. BhairavDutt Sharma worshiping the Lord Vishwakarma Jee.

GANDHI JAYANTI

Gandhi Jayanti was celebrated in KNHPI on 2nd October 2018. The students of Banasthali Vidyapeeth shared their thoughts and sung song in the respect of Mahatma Gandhi Ji, Father of the nation.

SWACHCH BHARAT ABHIYAAN.

The Swachch Bharat Abhiyaan at KNHPI was celebrated on 10th October 2018. The officials and the daily wages altogether clean their rooms and institute.

REPUBLIC DAY

KNHPI celebrated republic day on 26th January 2019 in the presence of Dy. Director I/c and staff. Mr. A K Garg, Dy. Director I/c, KNHPI hoisted the national flag followed by signing of national anthem.

S.OTHER ACTIVITIES

Mass Plantation of Moringa Olifera: As per the instructions of the Hon'ble Chairperson and the Hon'ble Minister, the activity of mass plantation of *Moringa Olifera* was taken up and accordingly various number of plant twigs were planted in different locations of the city with active involvement of various agencies/bodies of the town and thereby motivated general public for this activity. The officials of JDA were also contacted for planting Moringa plants along the sides of the Dravyavati river project of Sanganer. The activity was also covered in Media.

T.FINANCIAL REPORT

FINANCIAL PERFORMANCE (FOR THE YEAR 2018-19)

A. EXPENDITURE UNDER NON PLAN FUND (UN-AUDITED)

SL. NO.	PARTICULARS	AMOUNT
1.	SALARY OF KNHPI STAFF	68,42,058.00
2.	CPF EMPLOYER'S CONTRIBUTION	2,26,760.00
3.	SUBSISTANCE ALLOWANCE TO MR. A. K. SHARMA, DY. DIRECTOR (U/S)	6,63,825.00
4.	T.A. (STAFF & OFFICER)	2,14,857.00
777	TOTAL (A)	79,47,500.00

B. EXPENDITURE UNDER PLAN FUND (UN-AUDITED)

SL. NO.	PARTICULARS	AMOUNT
1.	CONVEYANCE CHARGES	46,549.00
2.	PETROL/DIESAL & MAINTENANCE OF OFFICE VEHICLE	90,298.00
3.	MISC. EXPENDITURE	70,699.50
4.	POSTAGE & TELEGRAPH	8,924.00
5.	WATER & ELECTRICITY	3,14,584.00
6.	MEETING & WORKSHOP	1,01,727.00
7.	PRINTING & STATIONERY	41,041.00
8.	INSURANCE	22,380.00
9.	LEGAL/AUDIT FEE	29,152.00
10.	AUDIT FEE	0.00
11.	TELEPHONE EXP.	26,295.00
12.	NEWSPAPER & PERIODICALS	3,490.00
13.	PRESENT & SAMPLES	0.00
14.	PUBLICITY & PROPAGANDA/ADVERTISEMENT	0.00
15.	HATH KAGAZ MAGAZINE	0.00
16.	OFFICE EQUIP+ FURNITURE REPAIR & MAINTENANCE	3,38,983.00
17.	GARDENING & PANTATION	875.00
18.	MACHINE REP.+ LAB. EQUIP. MAINT/DIESEL & FIRE WOOD (PILOT PLANT)	4,07,992.00
19.	BANK COMMISSION	1,271.45
20.	(BUILDING(OFFICE +FLATS) MAINTENANCE	7,78,161.00
21.	TRANSPORTATION & PACKING FORWARDING	2,479.00
22.	LEVERIES	0.00
23.	WEBSITE/INTERNET	9,500.00
24.	EXHIBITION, WORKSHOP, PAPEREX, SWADESHI MELA	10,350.00
25.	TESTING FROM OUTSIDE AGENCIES	0.00
26.	STAFF TRAINING	0.00
27.	FIRE EXTINGUISHERS REFILLING	0.00
28.	WAGES	11.15.853.00
29.	ADVANCE	0.00
30.	TRAINING (RAW MATERIAL, CHEMICALS/GLASSWARE, PRINTING WORK, MISC. EXP., HONORARIUM ETC.)	8,39,240.00
State of St	TOTAL (B)	42,59,843.95
14 5	GRAND TOTAL (A+B)	1,22,07,343.95

U. STAFF OF KNHPI

STATUS OF STAFF STRENGTH AS ON 31.03.2018

POST & PAY SCALE	SANCTI	STA	TUS	
(As per 6 th pay commission)	ONED			
Commission)		FILLED UP	VACANT	Remarks
Director	1	-	1	1
37,400-67,000 GP-10,000 Scientist – F 37,400-67,000 GP-10,000	1	-	1	
Dy. Director/ Scientist-B 9300-34800 GP-5400	2	1	1	Retired on 30.07.19
Pilot Plant Incharge 9300-34800GP-4800	1	-	1	
Sr. Res. Assistant 9300-34800GP-4200	4	2	2	
Research Asstt. 9300-34800GP-4200	3	2	1	
Accountant 9300-34800 GP-4200	1	-	1	
Superintendent 9300-34800 GP-4200	1	-	1	
Stenographer 5200-20,200 GP-2400	1	1	-	
Store Keeper 5200-20,200 GP-2400	1	-	1	
L. D. C. 5200-20,200 GP-1900	1	1	-	
Account Asstt. 5200-20,200 GP-1900	1	-	1	
Driver 5200-20,200 GP-1900	1	1	-	
Laboratory Asstt. 5200-20,200 GP-1900	1	1	-	
Skilled Operator 5200-20,200 GP-1800	3	2	1	
MTS 5200-20,200 GP-1800	2	2	-	
TOTAL	25	13	12	

STAFF POSITIONS AS ON 31.03.2018

S.N	NAME	DESIGNATION	QUALIFICATION	EXPERIENCE IN KNHPI
1	Mr. A K Garg	Dy. Director I/c, State Office, KVIC, Jaipur	-	Additional Charge as Dy. Director I/c,KNHPI
2	Mr. Ashwini Kumar Sharma	Dy. Director	B.Tech (Pulp and Paper)	21
3	Dr Atul Kumar	Senior Research Assistant	M.Sc. (Chemistry), M.Tech (Pulp & Paper), Ph.D (Chemistry)	21
4	Moh. Esa Khan	Senior Research Assistant	M.Sc. (Chemistry), M.Tech (Pulp & Paper)	21
5	Dr Saakshy	Research Assistant	Ph.D (Chemical Engineering), M.Tech. (Chemical Engineering), M.Sc. (Ecology & Environment), M.Sc. (Pulp & Paper)	20
6	Dr Sunita Chauhan,	Research Assistant	M.Sc. (Microbiology) ,Ph.D (Microbiology)	20
7	Mr. Anuj Kumar	Steno/PA to Director	M.Com	23
8	Dr Harshwardhan Sharma	LDC	PhD	23
9	Mr. Nizam Rangrej	Driver	8 TH Pass	23
10	Mr. Kamal Raj Sharma	Laboratory Assistant	Manager Course in Handmade Paper making from Handmade Paper Institute, Pune	14
11	Mr. BhairavDutt Sharma	Skilled Operator	12 th pass	20
12	Mr. Pankaj Sharma	Skilled Operator	MA	10
13	Mr. Ramprasad Sharma	MTS	12 th pass	23
14	Mr. Mohan Singh Adhikari	MTS	MA	20

Photo Gallery













JAIN SHAH & CO

Chartered Accountants
5-1 Parwati chamber , Behind sahara chamber
Tonk Phatak Jaipor 302015
Tel. no. 0141-4017109, 9414c-47109, 86186-87202
Lmail opkabratca@gmail.com/jainshahandco@gmail.com

To.
The Members

Nomerappa National Handmade Paper Institute
(Contributory Provident Fund)

Sanganer

Jaiwur-303902

We have audited the attached Balance Sheet as at 31" March, 2019 of the Contributory Provident Lond (Kumarappa National Handmade Paper Institute) and the Income & Expenditure Account and Receipts and Payment Account the year ended on that date annexed thereto, and report that:

- We have obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purpose of our audit.
- b) In our opinion, proper books of account have been kept by the CPF Trust, so far as it appears from our examination of such books.
- c) The Balance Sheet and Income & Expenditure Account and Receipts and Payment account dealt with by this report, are in agreement with the books of accounts.
- d) In our opinion and to the best of our information and according to the explanation given to us, the said accounts read together with Notes on Accounts gave a true and fair view.
 - a. In the case of the Balance Sheet of the state of affairs of the Institute as at 31st March 2019
 - b. In the case of the Income and Expenditure account of excess of income over expenditure for the year ended on that date.

For JAIN SHAH AND COMPANY

Chartered Accountants

Signal Control

CA Om Prakash Kabra

(Partner)

M.NO:-079223

place: - JAIPUR

Date: 28/02/2020

KUMARAPPA NATIONAL HANDMADE PAPER INSTITUTI (CONTRIBUTORY PROVIDENT FUND) Year 2018-19

NOTES ON ACCOUNTS

- Kumarappa National Handmade Paper Institute (Contributory Provident Fund) followsthe Cash Basis Of Accounting however the Interest Accrued On Deposits has been booked in the books of accounts
- 2. Excess of Income Over Expenditure transferred to Interest Reserve Account
- 3. This year tax deducted at sources on interest on FDR shown in Balance Sheet as Assets i.e. Amount Refundable from Income Tax Departments.
- During the year the TDR of SBI BANK AND HDFC Bank has been matured but they are not
 collected because of which there is a loss of interest to the KNHPI CPF TRUST.

For JAIN SHAH AND COMPANY

Chartered Accountants

CA Om Prakash Kabra

(Partner)

M.NO:-079223

JAHV S/JAP JA & S/JAP JAP JA & S/JAP JAP JA & S/JAP JA

Place: - JAIPUR

Date: - 28/02/2020

KUMARAPPA NATIONAL HANDMADE PAPER INSTITUTE CONTRIBUTORY PROVIDENT FUND

BALANCE SHEET AS AT 31st MARCH 2019

		As at 31st March	As at 31st March As at 31st March				
KNHPI		2019	2018	ASSETS	Asa	As at 31st March	
	(A)	1,000.00	1,000.00	INVESTMENT IN TOR	+	6107	As at 31st March 2018
PROVIDENT FUND A/C				89		0. 818 50 55	5570000
OPENING BALANCE				HOFC	_	1.20.873.00	36 65 373 OC
		1,91,76,205.39	1,72,90,787.95 IDBI	IDBI		37,04,460.32	35,60,813,71
ADD CONTRIBUTIONS RECEIVED				HUDCO		10,55,000.00	34,00,000.00
EMPLOYER CONTRIBUTION				MMFSL	_	13,91,826.00	23,91,826.00
EMPLOYEE CONTRIBUTIONIC		2,26,760 00	2,39,556.00	2,39,556.00 ACCRUED INTEREST		21,85,086.59	20,74,443.00
CONCENTRATION OF THE PROPERTY		2,26,760.CO	2,39,556.00		(A) 1,	1,19,67,064.01	1,47,55,460.71
Cast Court Stool Coulds			3,961.60	3,961.60 TDR MATURED BUT NOT COLLECTED			
				HOFC		33,55,357.00	8,10,857.00
				SBI		2,23,507.10	70,320.20
		,		HUDCO	Г		15,24,324.00
CPF not deposited						35,78,864.10	24,05,501.20
				TEMPORARY WITHORAWAL BY MEMBERS		16 36 416 33	
ADD INTEREST CREDITED		14,91,548.54	14,02,344.44	14,02,344.44 S.O.KVIC JAIPUR NON PLAN		1,048.00	1.048.00
							37,046.00
	(8)	2,11,21,273.94	1,91,76,205.39		(B)	18,39,464.00	9,32,494.00
INTEREST RESERVE A/C				BANK BALANCE BANK BALANCE WITH SBI SANGANER	ų	34,29,508.00	12,62,893.00
OPENING BALANCE		3,98,775.52	5,28,665.12		(C) 3.	34,29,508.00	12,62,893.00
CHARLES EXCESS OF INCOME OVER EXPENDITURE		-3,69,132.54	-1,29,889.60				
SONOTO DICTOR	(0)	29,642.97	3,98,775.52	3,98,775.52 TDS RECEIVABLE		3,37,016.80	2,56,678.00
					(0)	3,37,016.80	2,56,678.00
	2	2,11,51,916.91	1,96,13,026.91 TOTAL(A+B+C+D)	OTAL(A+B+C+D)	2,11	2,11,51,916.91	1,96,13,026.91
TOTAL (A+B+C)							

CONTRIBUTORY PROVIDENT FUND FOR KUMARAPPA NATIONAL HANDMADE PAPER INSTITUTE

PLACE: CHAIRMAN TRUSTEE

JAIPUR 28/02/2020

IN TERMS OF OUR REPORT OF EVEN DATE FOR JAIN SHAH AND COMPANY CHARTERED ACCOUNTANTS FRN:- 002819C

MEMBERSHIP NO. :- 079223 OM PRAKASH KABRA (PARTNER)

KUMARAPPA NATIONAL HANDMADE PAPER INSTITUTE

CONTRIBUTORY PROVIDENT FUND
RECEIPT AND PAYMENTS ACCOUNT
FOR THE YEAR ENDED 31st MARCH 2019

48,62,465.71	1,00,50,701.51	TOTAL	48,62,465./1 TOTAL	1,00,30,701.31	TOTAL
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			2,30,370 05	., 53,045 61	C
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:2,62,893.00	34,29,508.00	SBI CLOSING BALANCE		1,40 00 00	N. S.
				8,73,552 00	1
				30,3,900	
			673.83	Weet of	SS SANK
					INTEREST RECEIVED
		BANK CHARGES			
			1,92,400.00	355700	CRART WITHORAWAL REFUNO
5,74,600.00	12,99,716.00	TEMPORARY WITH JHAWAL			
			3.96; 00		(A)NOTION (A)
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	30,000,000 00	58:			CONTRIBUTIONS
		11.14.802 (O INVESTMENT IN TOR	11,14,802 00	:2,62 1300	
2018	As at 31st March 2019	PAYMENTS	As at 31st March 2018	As at 31st March 2019 As at 31st March 2018	CHING BALANCE
As at 31st March					DOT TOWN



PLACE

28/02/2020

CHA HIMAN TRUSTEE

CONTRIBUTORY PROVIDENT FUND

FOR KUMARASPA HATIONAL HANDMADE PAPER INSTITUTE

IN TEAMS OF OUR REPORT OF EVEN DATE
FOR JAIN SHAH AND COMPANY
CHARTERED ACCOUNTANTS
FRN:- 002819C

MEMBERSHIP NO. : 079223

(PARTNER)

OM PRAKASH KABRA



DATE:

CHAIRMAN TRUSTEE

CONTRIBUTORY PROVIDENT FUND

FOR KUMARAPPA NATIONAL HANDMADE PAPER INSTITUTE

TOTAL

INTEREST RESERVE A/C

TO TDS W/O

TO INTEREST CREDITED IN CPF A/C

TO BANK CHARGES

EXPENDITURE

TO SURPLUS BEING EXCESS OF INCOME OVER EXPENDITURE TRANSFERRED TO

11,22,416.00

-3,69,132.54

12,72,454.84 TOTAL

11,22,416.00

12,72,454.84

14,91,548.54

14,02,344.44

BY INTEREST ON SBI SAVING BANK BY INTEREST RECEIVED ON INVESTMENTS

> 10,23,896.00 March 2019

> > As at 31st March 2018

12,25,236.84

47,218,00

98,520.00

As at 31st

28/02/2020 JAIPUR

Truster Trus



MEMBERSHIP NO. :- 079223 OM PRAKASH KABRA

(PARTNER)

IN TERMS OF OUR REPORT OF EVEN DATE FOR JAIN SHAH AND COMPANY CHARTERED ACCOUNTANTS FRN:- 002819C

KUMARAPPA NATIONAL HANDMADE PAPER INSTITUTE As at 31st March 2019 CONTRIBUTORY PROVIDENT FUND INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31st MARCH 2019 As at 31st March 2018 INCOME

Trustes

1

45,548.10 2,23,507.10

Total after TDS

KUMARAPPA NATIONAL HANDMADE PAPER INSTITUTE CONTRIBUTORY PROVIDENT FUND

IFURCATION OF TOR MATURED BUT AMOUNT NOT COLLECTED FOR THE YEAR 2018-1: BANK **HDFC** SBI PRINCIPAL AMOUNT 25,49,553.00 8,05,804.00 1,77,959.00 before TDS AMOUNT INTEREST 50,609.00 5,060.90 TDS 0.00 8,05,804.00 33,55,357.00 net payable



