

Submission of an R&D project proposal related to Khadi -Reg

From : mk4211@gmail.com Fri, Jun 09, 2023 09:43 AM
Subject : Submission of an R&D project proposal related to Khadi 1 attachment
-Reg
To : Science and Technology <scitech.kvic@gov.in>

Sir,

An R&D project proposal related to the Khadi Sector is being submitted for your consideration. Please see the attached file.

With regards,

Mahesh Kumar Singh

Sr. Scientific Officer

(Khadi & Textile Division)

Mahatma Gandhi Institute for Rural Industrialization(MGIRI)

Maganwadi, Wardha

Mob.9890613791

 **R&D Project Proposal-MGIRI,Wardha.PDF**
5 MB

243755/2023/S & T-KVIC

निदेशक

Dr. Ashutosh A. Murkute
Director

महात्मा गांधी ग्रामीण औद्योगीकरण संस्थान

Mahatma Gandhi Institute for

Rural Industrialization

सुक्ष्म, लघु और मध्यम उद्यम मंत्रालय, भारत सरकार के अधीन राष्ट्रीय संस्थान

A National Institute under Ministry of MSME, Govt. of India

MGIRI/K&T/2023-24/131

Date : Date: 08.06.2023

To

The Director,
 Directorate of Science & Technology
 Khadi & Village Industries Commission
 3, Irla Road, Vile Parle (W)
 Mumbai-400056

Sub: R&D Project proposal for "Optimization of the Quality Parameters of Cotton Khadi Fabrics"-Reg

Sir,

A project proposal on "Optimization of the Quality Parameters of Cotton Khadi Fabrics" is prepared and being attached. The cost of the project is Rs. 14.9725 Lakhs including 13% of institutional overhead. The complete project proposal is being attached as per Annexure II format. The copies of the sanctioned project in last 3 years are also attached. Certificate related to Endorsement from the head of the institution is also attached as in Annexure III.

The project proposal as mentioned above is being submitted for your consideration.

With regards,

Encl: As above

Yours Sincerely

Director, MGIRI

मगनवाडी, वर्धा -442001, महाराष्ट्र, भारत
 फोन क्र. : 91-7152-253512

Maganwadi, Wardha 442001, Maharashtra, India
 Phone No : +91-7152-253512

Email : director.mgiri@gmail.com Website : www.mgiri.org

Annexure-II

(Ref: S.O. No. 1739Dt:29.06.2015)

Directorate of Science & Technology

Office of the Commissioner ,KVI

“Gramodaya” 3,Irla Road ,

Ville-Parle(W)Mumbai-56

Pro-forma for submission of new R&D project proposal

1-Part-A

1.	Name of the Institution/Individual: Mahatma Gandhi Institute for Rural Industrialization (MGIRI), Wardha	
2.	Institutional Structure/Registration details: A National Institute under the Ministry of MSME, GOI	
2a.	Legal Status	A National Institute under the Ministry of MSME, GOI
2b.	Date of Registration	Attach Certificate of Registration-NA
2c.	Registered Address	Maganwadi, Wardha -442001, Maharashtra
2d.	Office Address/Locations	Maganwadi, Wardha -442001, Maharashtra Phone: 07152-253512/13 Fax: 07152-240328 <u>Email:</u> director.mgiri@gmail.com
2e.	Affiliated to KVIC	Yes/No If yes, Provide Certificate No.- NA

3. Validity date of Registration (in case of NGO's): NA**4. Name & Designation of the head of the organization:**

Dr. Asutosh Murkute, Director, MGIRI, Wardha

5. Name, Designation & address of the Project Co-ordinator:

Mahesh Kumar

Sr. Scientific officer (Khadi & Textile Dept)

Mahatma Gandhi Institute for Rural Industrialization (MGIRI)

Maganwadi, Wardha-442001, Maharashtra

6. Background of the organization:**(a) Past experience in R&D work in the KVI sector and micro-enterprise and entrepreneurship development** needs to be given separate sheets

Khadi & Textile Dept, MGIRI has successfully conducted 14 projects sponsored by S&T, KVIC Mumbai.

(b) Infrastructure facilities and expertise available (give details)

Khadi & Textile Dept, MGIRI has well set up textile testing laboratories especially for testing of the cotton fibre, yarn and fabric parameters. There are a number of machineries for processing of raw cotton into finished fabrics.

Varieties of Charkhas i.e. 6 spindles, 8 spindles and motorized 16 spindles, 24 spindles are available in the department. Besides of these, there are complete set up of handloom weaving processes with varieties of handlooms.

Dyeing and printing sections are also active with verities of dyeing and printing techniques. It has a well set up Khadi Design Studio containing 10 Systems attached with REACH CAD Software (5 Pattern Design Software and 5 Reach Fashion Studio), one E3 Wilcom embroidery software with brother embroidery machine, 6 systems with Ned Graphic Omega Software for woven designs and a small garmenting unit. The dept. is also running a design web portal www.greenkhadidesigns.com for online design support to the Khadi institutions. There are approx. 700 designs available in this design web portal suitable for Khadi sector and Khadi institutions may freely download these designs for their purpose.

Experts related to testing, spinning, weaving, dyeing, printing and garment designing are also available.

(c) Details of completed and ongoing projects during the last 3 years

S.N.	Title of the project	Start date-Completion date	Name and Full address of funding agency	Amount sanctioned *(in Rs.)	Amount received (in Rs.)
1.	Demonstration and dissemination of latest developed 6 technologies related to the Khadi Sector to 240 candidates from 120 Khadi Institutions located in Central Zone and East zone of KVIC.	2022-23	S&T KVIC, Mumbai	13.40 Lakhs	13.40 Lakhs
2.	Multi location field trial of newly fabricated hank dyeing machine in any two zones of the KVIC	2022-23	S&T, KVIC, Mumbai		
3.	Field Trials, Refinement and Dissemination of MGIRI Modified NM Charkha in Khadi Sector	2019-20	S&T, KVIC, Mumbai	15.00 Lakhs	15.00 Lakhs

Enclosed copies of the sanction- attached

7. District /area to be taken up for the project:

Cotton Khadi fabric producing Khadi institutions of KVIC

8. Location of projects implementation and details there on

Under this project, linkages will be made with maximum number of cotton Khadi fabric producing Khadi institutions of all the 6 zones of KVIC. Request letters for providing Cotton Khadi fabric samples will be sent to the almost cotton Khadi fabric producing Khadi institutions.

9. If any development activity has been done in the proposed location prior to submission of this proposal by the project Coordinator or the organization, the details may be given in brief

Khadi and Textile Division is continuously involved in development of quality norms, tools, Charkha, testing of Khadi products, training, awareness program etc. for Khadi sector.

Some of the major activities related to the Khadi institutions are as below:

- i) Quality norms for Khadi spinning has been reviewed, optimized and disseminated to the Khadi institutions.
- ii) Testing and analysis of Khadi yarn and fabric samples which are collected and received from Khadi institutions
- iii) Technology dissemination and demonstration project related to development of designs, dissemination of innovative designs, Quality Guidelines for Khadi Spinning, demonstration of Desi wool roving machine, light weight fiber charkha have been carried out as mentioned above in S.N.6/C/1. Approx. 189 representatives from 135 Khadi Institutions have got benefited under this project.
- iv) Modified NM Chain Charkha has been developed and sent for field trial in the 6 zones of KVIC under KVIC sponsored project as mentioned above in S.N.6/C/3.
- v) Projects on “Feasibility study of low-cost roving producing through Central Sliver plants” has been successfully completed.
- vi) “Development and Disseminations of Alternative tools of Valuga Fish Jaw” have been successfully carried out. Alternative tools of Valuga fish jaw have been disseminated to the 100 Khadi institutions located in Srikakulam Dist in A.P.
- vii) Developed Balkal Silk Carding machine and disseminated to the Khadi institution after successful field trial.
- viii) Development of design web portal www.greenkhadidesigns.com for online design support to the Khadi institutions and disseminated to the Khadi institutions.
- ix) Other than above various types of technology awareness programs have been carried out with the Khadi institutions.

10. Details of infrastructure of the organization in the proposed location - Not Applicable

II-PART-B

1) Title of the Project proposed

Optimization of the Quality Parameters of Cotton Khadi Fabrics

2) Objectives of the proposed study

Optimization of the Quality Parameters of Cotton Khadi Fabrics

3) Justification for the project based on the assessment of the existing resources and infrastructure

Khadi & Textile Dept. MGIRI has well set up textile testing laboratories especially for testing of cotton fibre, yarn and fabric parameters. There are also a number of machineries for processing of raw cotton into finished fabrics. Varieties of Charkhas i.e. 6 spindles, 8 spindles, motorized 16 spindles and 24 spindles are available in the department. Besides of these varieties of handlooms, dyeing and printing unit are also available in the section. It has a well set up of Khadi design Studio containing 10 Systems attached with REACH CAD Software (S Pattern Design Software and 5 Reach Fashion Studio), one E3 Wilcom embroidery software, 6 systems with Ned Graphic Omega Software for woven designs and small garmenting unit. Recently it has also developed Quality guidelines for Khadi Spinning, Fiber reinforced Light weight Charkha, Chain Charkha, Balkal Silk Carding Machine and Desi wool roving machine. A design web portal www.greenkhadidesigns.com has been also developed for online design support to the Khadi institutions.

Experts related to Spinning, weaving, dyeing, printing and garment design development are also available.

4) The availability of proposed technology/intervention in the field /market etc.

A book related to Khadi Quality Guidance, by Prof. R. B. Chavan and Prof. R. Chattopadhyay (IIT Delhi) which is written in 2003-2004 is available. Other than this, Quality guidelines for Khadi Spinning has been prepared by the Project Coordinator Sh. Mahesh Kumar Singh, (MGIRI). As per record, these books/manuals are only available for getting references on Quality parameters for Khadi.

5) Level of work done so far (Review of Literature of the proposed R&D) in view of the proposed technologies

In the preface chapter of the above mentioned book of Prof. R. B. Chavan and Prof. R. Chattopadhyay, it is clearly mentioned- "Quality Assurance Manual for Khadi by no means is complete. It would need revision from time to time. It is only an attempt to make the beginning to introduce the concept of quality assurance in Khadi sector."

Quality guidelines for Khadi Spinning has been already reviewed and revised by the project coordinator Sh. Mahesh Kumar Singh in 2019 and dissemination of this khadi spinning guidelines are being carried out among the Khadi institutions.

During the preparation of revised Quality guidelines for Khadi Spinning, a number of cotton Khadi yarn samples have been tested through internal and external laboratories and Khadi yarn parameters have been optimized after proper analysis of these test data through statistical methods. Fabric samples have been tested as per the requirements of the clients.

6) Relevance, usefulness and justifications of the proposed work to KVI sector in terms of economy, efficiency, productivity, quality, raw material utilization, etc.

Cost of product and sell value of a product are directly proportional to the quality. The process set up, machine set up, wastages, productivity etc. depend upon the quality of raw material as well as on the end use of the products. To produce Khadi garment, quality parameters of Khadi yarn and fabric should be in the range of norms specified. Following the good work practices during Khadi yarn Spinning and khadi fabric weaving are also the major factors to get qualified Khadi fabric. The quality guidance and parameters standards cover the various aspects to improve the process, productivity, work culture, ease of work etc., hence its impact would be definitely reflected. The utility of quality manual will be for Khadi institutions as well as for the Khadi Technical Staff for improvements of the quality standards of Khadi.

Quality guidelines for Cotton Khadi spinning and guidance for good practices have been already developed by the Khadi & Textile Dept. MGIRI, Wardha. It is now felt necessary to review and revise the Quality parameters for Khadi Fabric prepared by Prof. R.B.Chavan and his team as more than 18 years have been passed.

Hence review and revision of quality parameters for Cotton Khadi Fabric is proposed

7. Time schedule for implementing the project- One year

Action plan:

a) Preparation of a National level Committee (First month)

The aim of formation a national level Committee is to assist in review and revision of the Quality parameters for Cotton Khadi Fabric and provide guidance for work plan, methodology, sample collection, testing, result statistical analysis and final report preparation.

The proposed structure of the committee will be as below:

- i) Director, MGIRI Wardha-Chairman
- ii) Director, S&T, KVIC-Member
- iii) One member from Textile Institute
- iv) One member from Textile Research Institute
- v) One member from BIS
- vi) Two members from Khadi institutions
- vii) Project Co-ordinator - Member secretary

b) One day meeting of National Level Committee (in First month)

To make a frame work to carry out this project, a meeting of the national level committee is to be carried out. The committee will provide the guidance for work plan, methodology, method of sample collection, testing, test data analysis etc. The project work will be carried out as per guidance provided by the committee in this meeting.

c) Selection of 02 man power (in first month)

Two project assistants will be selected to carry out laboratories work related to sample collection, keeping record of samples, testing of samples, test data organization, data analysis, report making etc. under the guidance of Project coordinator. These two men powers will be engaged for one year or up to completion of the project as per availability of funds.

d) Sample/report collection (Second month to Eighth month)

- i) Existing test reports of various types of cotton Khadi fabric, mill fabric available with BIS/ Textile Research Association/Textile Committee/Textile mills etc. will be collected. Samples of cotton Khadi fabric will be collected from the concern Khadi institutions. Some varieties of mill fabric samples may be also procured as per required for comparative study. All these samples will be tested through in house or through external laboratories. All these test reports will be studied.
- ii) Study of various types of Khadi fabric produced by Khadi Institutions,
- iii) Testing of their constitutional parameters (count, thread density, thickness, weight, Reed cunt, cover factors etc.
- iv) Constitutional parameters and properties (Warp & Weft count, EPI, PPI, GSM, Breaking load in warp & weft directions, cover factor etc. of cotton Khadi fabrics will be analyzed on the basis of availability of samples from Khadi institutions. Available references of BIS/Textile Research associations etc. related to these norms will be also studies.
- v) Collection of samples will be carried out randomly through the khadi institutions by direct method. Request letters to supply the verities of cotton Khadi fabric samples will be send to the Khadi Institutions located in all over the six zones. Provision for payment of samples charges to the Khadi institutions or other suppliers will be kept under this project. Collection of samples will be carried out with full efforts so that maximum numbers of samples in each category may be collected. Collection of number of samples and its nature are totally depend up on the nature and supply of samples by the Khadi Institutions to MGIRI. Samples collection through Khadi institutions are very important task under this project hence, full supports are required from the Khadi institutions as well as from KVIC State Offices and Divisional offices.
- vi) However, the final decision regarding scope of this project for the varieties of cotton khadi fabric sample size, number of testing of samples in-house or by external agency, analysis of test reports collected from various agencies etc. will be taken up by the National level Committee.

e) Testing of samples (fourth month to tenth months)

Maximum number of samples will be tested through in-house laboratory of Khadi & Textile Section, MGIRI and some of them by external agency like CICR/ATIRA/BTRA etc. However final decision on number of testing of samples in-house or by external agency will be taken by National level Committee and accordingly testing will be carried out. Testing facilities for testing of cotton Khadi fabric are available in the laboratories of Khadi & Textile Section, MGIRI. Testing equipment ie. Beesley balance for warp and weft count, Round cutter for GSM, Tensile strength for breaking load, Pick glass for EPI/PPI, Thickness tester etc. are available.

f) Data and test report analysis and report preparation (Tenth to Eleventh month)

Organize of test data of various categories of Cotton Khadi fabric and Poly samples and analysis of reports in statistical methods are to be carried out. Draft copy of summarized test reports will be sent to the committee members for their observation and suggestion

g) Finalization of revised quality parameters and preparation of final project report (Twelfth month)

Statistically analyzed test data of quality parameters in each category of Cotton Khadi fabric will be applied for formation of optimized quality parameters. Guidance from textile weaving industries/ individual experts/agencies other than the committee will be also taken during finalization of quality parameters of Cotton Khadi fabric. Draft copy of revised quality norms will be forwarded to the Committee members for their additional suggestions and based on its final report will be prepared.

8. Implementation methodology in brief (Step wise)

- i) Final project report with revised parameters will be submitted to the S&T KVIC,Mumbai. Summary of this report may be forwarded to the Khadi institutions through KVIC State offices and Divisional offices for implementation.
- ii) The interested Khadi institutions may directly contact with Khadi & Textile dept. MGIRI,Wardha
- iii) Dissemination of these optimized parameters will be carried out for Khadi Institutions through awareness workshop programs at MGIRI, Wardha by proposing separate project proposals.

9. Potential areas identify for promotion of micro enterprises

Micro and small enterprises for productions of cotton Khadi fabric.

10. Scientific & Technical interventions envisaged

Application of latest technologies for improvement in productivity, quality, market potentials, sale value and reduction in drudgery are a symbol of progress for any sector. To improve the productivity, the proposed machines are developed whereas quality guidelines are necessary to maintain the quality of the Khadi product. Up-gradation in quality of raw materials, improvement in processes, machineries and human skills are continuous processes. Hence, in the interval of 15-20 years, quality parameters should be reviewed and optimized to get updated quality norms. Now a day's textile industries are adopting results which remain very close to the perfection with minimum variations. Khadi sector is also forwarded towards competitive market and to full fil the expectations of the consumer in view of qualified products, Khadi manufacturers have to maintain quality through quality guidelines which will be helpful in value addition of end products with minimum conversion charges. In this project, various quality parameters of verities of cotton Khadi fabrics will be reviewed, tested and will be optimized after the analysis of test data.

11. Training Program envisaged

As mentioned in Para 8 (iii), dissemination of these optimized parameters will be carried out for Khadi Institutions through awareness workshop programs at MGIRI, Wardha by proposing separate project proposals.

12. Linkages envisaged

Linkages with KVIC state offices, Divisional offices, Khadi Institutions, Textile institutions, Textile Research Association etc. will be done. If required Project coordinator and project assistant may visit these locations for meeting/discussions etc.

13. Follow-up mechanism envisaged to tap fullest benefit of R&D

Application of latest technologies and monitoring of production processes to maintain the quality are not one time task. It is a continuous process and manufacturers should be aware about its benefits. Khadi Institutions may contact to the Khadi & Textile Division, MGIRI if they require any details. After all, end users should be benefited by these quality guidelines. Apart from it, concerned authorities of KVIC should be also involved in implementation of these quality norms by khadi institutions.

14. Expected outcome of the project

Optimized Khadi parameters for Cotton Khadi fabrics.

15. Exist strategy (Plan after completion of the project)

Dissemination of optimized quality parameters to the Khadi institutions as mentioned in Para 8(iii) and Para 11.

16. Any other information /remarks

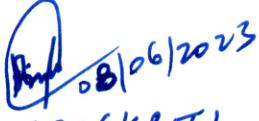
The successful of the project will be depend upon the testing of maximum number of samples so that maximum number of test data will be analyzed. It would be happened only when the samples will be received from the maximum number of Khadi institutions. A guidelines/information related to extend full support from Khadi institutions/State offices/Divisional offices should be issued through S&T, KVIC, Mumbai which will be very helpful to carry out this project.

17. Tentative Budget

S.N.	Item	Tentative Budget in Rs.in Lakhs	Remarks
1.	Sample collection and testing Charges	4.50	Sample purchasing and testing charges by external agencies as per Para 7(d) and 7(e)
2.	Man power	5.75	Two project assistant @ Rs.25000/- per month(consolidated) per person as mentioned in Para 7(C) for eleven and half months to carry out work related to sample collection , maintain records, testing, organization , test data, data analysis , report making etc.
3.	Travel & meeting expenditures	2.10	i)Travel for PI, Project assistants, to concerned institutions and other places as mentioned in Para12. ii) Meeting expenditure like travel, accommodation, meals, stationary etc. for Committee members at MGIRI Wardha.

			Flight journey for the committee members to attend the meeting at MGIRI Wardha may be permitted as per Para. 7(b)
4.	Stationery and Contingencies	0.90	Purchase of hard disks, pen drives for record keeping, photocopy, stationary , printer cartridge, postal charges, report preparation etc. as per Para 7(f-g)
	Sub Total	13.25*	
	Institutional overhead @13%	1.7225	
	Total	14.9725	

* Note: Inter change of budget between heads should be permitted


Rajesh Bhat
SSOCKET
(Project Co-ordinator)

Dy. Director (K&T)


Rajesh Bhat
8/6/23

Director, MGIRI


8/6/23

ANNEXURE-III

{Ref: S.O.No.1739, DT: 29.06.2015}

CERTIFICATE**ENDORSEMENT FROM THE HEAD OF THE INSTITUTION**

1. We have gone through the terms and conditions of the S&T grant agreed to abide by and enter into an agreement /MOU with OCKVI for the implementing S&T scheme
2. We have neither obtained nor intended to obtain financial assistance from any other agencies amounting to double funding.
3. We undertake to submit progress report, statement (s) of accounts utilization certificates etc., as required.
4. Certified that Dr./Shree/Smt/Kum. Mahesh Kumar is the project coordinator will assume the responsibility of completion of the project
 - Certified that the hardware, other basic facilities and such other administrative support required as per terms and conditions of the grant, will be extended to the coordinator (s) throughout the duration of the project.
 - Our agency assumes to undertake the complete financial and other management responsibilities of the project, and will ensure compliance with the terms and conditions laid down.
5. Certified that the society /Organization will extend benefits of the said S&T projects to the targeted beneficiaries of KVI activities only.
6. If any of the above statement found to be incorrect by the OCKVI at any point of time, the organization takes the responsibility to refund the entire amount released by OCKVI along with 10% interest as per GPR norms.

Date : 8/6/23

Place: Wardha



Name & Signature of the

Head of Agency

243755/2023/S & T-KVIC



खादी और ग्रामोद्योग आयोग

KHADI AND VILLAGE INDUSTRIES COMMISSION

सूखम् लघु और मध्यम उद्यम मंत्रालय, भारत सरकार,
Ministry of Micro, Small and Medium Enterprises, Govt. of India

विज्ञान एवं प्रौद्योगिकी निदेशालय

Directorate of Science & Technology

P.K Satapathy
Director (S&T)

No. S and T/18/19/2021/KVIC/HQ/19163/2021-22/५१२

Date- 14.03.2022

To

The Director,
Mahatma Gandhi Institute of Rural Industrialization,
Wardha, Maharashtra-442001

Sub: Confirmation of the fund released amount to MGIRI, Wardha- reg.

Ref: - 1) Letter no. S and T/18/19/2021/KVIC/HQ/19163/2021-22/279 dated 23.12.2021

2) Letter no. S and T/14/11/11/2021/KVIC/HQ/21021/2021-22/339 dated 07.02.2022

Respected madam,

With reference to the subject and letters cited above, it is to inform that the following amounts have been released in favor of MGIRI, Wardha for implementation of Dissemination projects under S&T(khadi) scheme of KVIC:-

Sr. No.	Project Title	Amount Released(Rs.)	Release Date
1	Multi-location field trial of newly fabricated hank dyeing machine in any two zones of the KVIC	8,00,000/-	25.02.2022
2	Demonstration and dissemination of latest developed 4 technologies related to the Khadi Sector to 240 candidates from 120 Khadi Institutions located in Central Zone and East zone of KVIC	8,00,000/-	11.03.2022

In this regard, it is requested to acknowledge the receipt of the said released amount. Copy of PFMS is enclosed herewith for ready reference.

With regards

Encl: As above

Yours faithfully,

Director (S&T)

Copy for kind information: -

1. The Director, Divisional Office, KVIC, Nagpur
2. The Director (Khadi), KVIC, Mumbai-56



ग्रामोदया 3, इलारोड, विलेपाले (परिचम), मुम्बई- 400056.
Gramodaya, 3, Irla Road, Vile Parle (W), Mumbai – 400056.
Phone: 022-26707083 E-mail – scitech.kvic@gov.in

243755/2023/S & T-KVIC



KHADI AND VILLAGE INDUSTRIES COMMISSION

खादी और ग्रामोद्योग आयोग

Ministry of Micro, Small & Medium Enterprises, Govt. of India

सूक्ष्म, लघु और मध्यम उद्यम मंत्रालय, भारत सरकार

DIVISIONAL OFFICE NAGPUR

मंडलिय कार्यालय, नागपूर

No. DON/S&T/MGIRI/2022-23 /

Dt:20/01/2023

To,

The Director,

Mahatma Gandhi Institute for rural industrialization (MGIRI),
Wardha**Sub:** Payment of second and final installment in r/o S&T projects sanctioned in favour
of MGIRI Wardha reg.**Ref:**

1. Letter no. S&T/KVIC/HQ/14/11/2021/21021/2022-23/440 Dt: 28.12.2022.
2. Letter no. S&T/KVIC/HQ/18/19/2021/19163/2022-23/439 Dt: 20/01/2023.

Sir,

With reference to the letter mentioned above this office has released payment
of the following projects:

Sr. no.	Name of project	Amount released
1.	Demonstration and dissemination of latest developed 4technologies related to the Khadi sector to 240 candidates from 120 Khadi institutions located in central zone and east zone of KVIC.	540000/-
2.	Multi location field trial of newly fabricated hank dyeing machine in any two zones of the KVIC.	116600/-
Total		656600/-

The total amount Rs.656600/- (Rs. Six lakhs fifty six thousand and six hundred only/-)
was disbursed at a time and the bifurcation of the funds is as mentioned above.

This is for your information and needful action at your end please.

Thanking you.

Yours faithfully

Rukhadev
Director 20/1/2023

Copy to:-

1. The Dy. CEO (WZ) C.O. KVIC, Mumbai-56.
2. The Director (S&T) C.O. KVIC, Mumbai-56.

Rukhadev
Director 20/1/2023



243755/2023/S & T-KVIC



खादी और ग्रामोद्योग आयोग

KHADI AND VILLAGE INDUSTRIES COMMISSION
 सूक्ष्म लघु और मध्यम उद्यम मंत्रालय, भारत सरकार
 Ministry of Micro, Small and Medium Enterprises, Govt. of India
 विज्ञान एवं प्रौद्योगिकी निदेशालय
 Directorate of Science & Technology

No. S&T/R&D/Field Trial / Modified NM Charkha/MGIRI/2019-20/

Date 05.2.2020

To

The Director,
 Mahatma Gandhi Institute for Rural Industrialization(MGIRI),
 Maganwadi, Wardha-442001

Sub:R&D Project proposal for "Field trials, Refinement and Dissemination of MGIRI Modified NM Charkha in Khadi Sector"
 (Phase -II of KVIC funded Project: Improvement in existing tools and equipment in Khadi sector)-reg

- Ref:** 1. Letter No. MGIRI/DR/2019-20/164 dated 12.07.2019
 2. This office letter no: S&T/Committee on S&T/5th Meeting /477/2019- 20 dated 15.11.2019

Sir,

With reference to the above letter on the captioned subject, it is to inform that the R&D Project Dissemination Technology has been sanctioned for implementation under S&T (Khadi) as detailed below:-

Name of the Project: Field trials, Refinement and Dissemination of MGIRI Modified NM Charkha in Khadi Sector' (Phase -II of KVIC funded Project: Improvement in existing tools and equipment in Khadi sector)

Duration : One Year.
Fund Sanctioned : Rs. 15.00 Lakhs

Budget :

S. N.	Particulars	Rs. in Lakhs)
1.	Production of 25 to 30 prototype MGIRI Modified NM Charkha with allied tools	9.00
2.	Equipment augmentation, Tools and Equipments	0.50
3.	Hiring of Manpower, professional consultancies etc.	2.50
4.	Travel and Transport	1.00
5.	Documentation, Misc. Contingencies etc.	0.50
6.	Institutional Overhead and IRG	1.50
	Total	15.00

Note: Inter change between Heads is permitted.