

Annual Progress Report

2021-22

On

Women Technology Park

SEED Project No: SEED/WS/2019/419

Submitted To

Department of Science & Technology

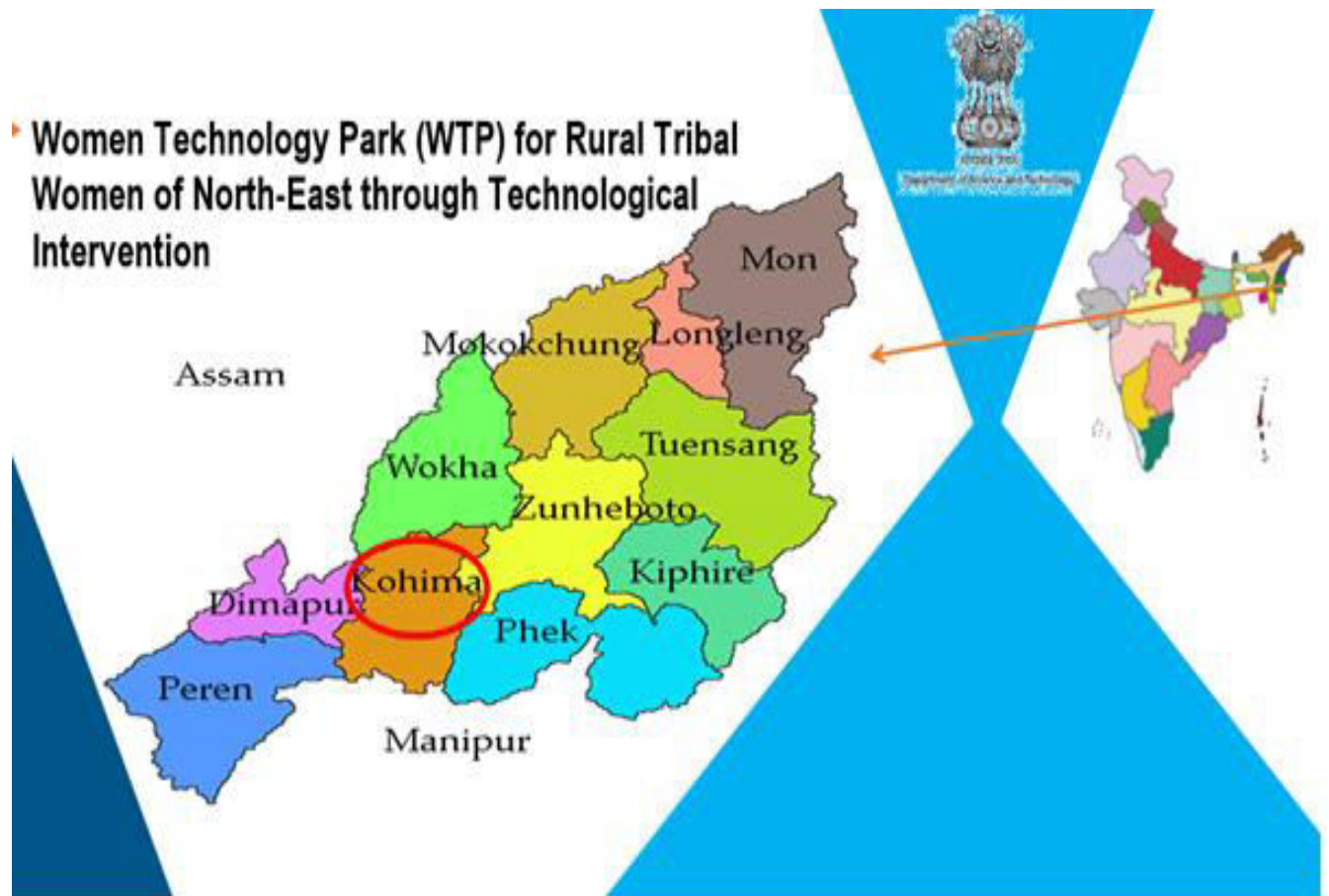
SEED Division, New Delhi

Submitted By

**Dr Sandip Ratna, Project Investor
State College of Teacher Education
Kohima, Nagaland
797001**

LOCATION OF THE PROJECT

Women Technology Park (WTP) for Rural Tribal Women of North-East through Technological Intervention



Index

Acknowledgement

<i>Content</i>	<i>Page No</i>
Introduction	1
Overview	2
Week wise activities	3
Achieved target	7
Feedback	9
 <i>Annexure</i>	
News Article Publication	11
Photo Gallery	13
List of Participant for Try-out	18
Audited Statement	24

Acknowledgement

I would like to convey my heartfelt thanks to the Department of Science & Technology, SEED Division, New Delhi for convicted upon us and sanction the women empowerment project for upliftment of educated ST women in the reason.

*My Sincere gratitude to **Dr Indu Puri**, Scientist 'F', SEED Division; **Dr. Debapriya Dutta**, Scientist "G", SEED Division and all the member staff of DST for kind guidance and support for conducting the project smoothly.*

I like to thank Directorate of Higher education, Kohima; Directorate of Tribal affair, Kohima; Nagaland Handloom & Handicrafts Development Corporation Limited; Directorate of Employment, Skill Development & Entrepreneurship, Kohima; Konger Agritech, Dimapur; NIIT, Dimapur for collaborating and rendering necessary support for the ongoing project.

Last but not least, I also want to thank all the Principal, faculty members and support staff of State College of Teacher Education, Kohima, Nagaland for tireless support at various occasion for completion of first year of the project.



Dr. Sandip Ratna, PI-WTP

Associate Professor

State College of Teacher Education

Kohima, Nagaland

797001



Introduction

The Women Technology Park (WTP) at State College of Teacher Education, Kohima, Nagaland is funded and sponsored by Department of Science & Technology, SEED Division, New Delhi under the scheme Innovation, Technology Development and Deployment . A total budget allocation is Rupees 44, 68,807 for three years of time. Out of which Rupees 19, 78,793 (Capital = Rupees 8,27,836 and General=Rupees 11, 50, 957) is released as a first installment.

The prime target population of the project are educated unemployed ST women of the North-East states and student-teachers undergoing B.Ed programme at SCTE-Kohima to develop skill on the selected trades with innovation, scientific intervention to have a sustainable trade for their earn of leaving.

Following are the prime objectives of the project

- i. To serve as a basis for the promotion and popularization of improved technologies in weaving and mushroom cultivation for educated unemployed women engaged to earn a living.
- ii. To serve as a platform for the technology information pool, documentation and highlighting issues related to women's technological needs.
- iii. To upgrade indigenous knowledge and technology prevalent among the tribal women of the state.
- iv. To provide skill development and a guide to establish small and medium entrepreneurship.
- v. To provide access to product marketing through marketing agencies, encourage SHG, entrepreneur.

The first installment of the sanctioned amount is funded on 3rd Dec 2021. is sanctioned Detail of the different activities that has been conducted in the year have been elaborated under

INAUGURAL PROGRAM OF WOMEN TECHNOLOGY PARK (WTP) CUM WORKSHOP ON SKILL DEVELOPMENT

State College of Teacher Education, Kohima (SCTE-K), Nagaland inaugurated Women Technology Park (WTP) funded by Department of Science and Technology, Ministry of Science and Technology, New Delhi, on 23rd Feb. 2022 at its campus under the theme, "Towards a skilled Nagaland".

Chief Guest of the day, Dr. Katoni Jakhalu, Director, Higher Education, Government of Nagaland, unveiled the plaque in the presence of Special Guest, Smti Rokuno, Joint Director, DHE, Resource Person Dr. Sosang Longkumer, Director, Konger Agritech, Dimapur, Nagaland, Dr. Elizabeth Walling, Principal, SCTE-K, Teaching Faculty, student teachers and women community members.



Principal Investigator of the project, Dr. Sandip Ratna, Asst. Professor, SCTE-K and Coordinator, SCTE-IQAC assisted the delegates by familiarizing them to the machinery for paper plate making, cloth bag making and mushroom cultivation.

Mr. Megosiele Khate, Assistant Professor, SCTE-K and Co-Investigator of the project gave the introduction to WTP and elaborated how this project will be helpful for student teachers and unemployed women of the society through skill development program.

The program concluded followed by technical sessions and 5 days workshop.



Demonstration of paper plate making machine by Dr. Sandip Ratna, Faculty



The participants were the student-teachers and unemployed educated women of the targeted locations. Main Objective of the workshop is to make aware among the targeted population on the different skills incorporated under WTP and motivate towards skill development to have a means of earning. The workshop considered the following trades:

- i) Mushroom Grower
- ii) Manufacturing of Donnas and Plates
- iii) Self Employed Tailor:
- iv) Waste paper recycling (Yet To start)
- v) Food Preservation (Yet To start)

WEEK WISE ACTIVITY REPORT

26th Dec to 22nd Feb 2022:

Procure of Machinery and necessary infrastructural development for Mushroom growing, Doona disposal paper plate making and Cloth bag tailoring.

23rd Feb 2022 : Inauguration of WTP and 5 day Workshop on TRY OUT on different trades under consideration.

Week: (28th March- 03rd April)

A meeting is organized with Smt. I. Sino Phom, Additional Director Department of Tribal affair, Nagaland & other officials on 29th Feb. 2022. The officials inspected the WTP and expressed to collaborate and provide necessary support.



Training and Production of Cloth Bag, Paper Plate, and Mushroom Cultivation is undergoing at present with the adopted knowledge with different women groups to get necessary feedback.



Week: (18th – 24th April):

In continuation to the inauguration of the project constantly hold training program on try-out mode to the unemployed ST women from the community is undergoing in respect to cloth tailoring, paper plate making and mushroom cultivation on the developed curriculum to get feedback and to make necessary changes for full place training.



Week: (25th April-01st May 2022)

To try out on marketing strategy for the produces done by selective SHG



Week: (25th April-01st May 2022)

A Exhibition cum sale is conducted on 4th and 5th May 2022, by the organization displaying produce for the student-teacher and community members. It is to encourage to participate in skill development activities.



Week: (9th May-15th May 2022)

All other activities are temporarily suspended and working to fulfil all the conditions that has been instructed by DST through emails. Tring to constitute a Local Programme Advisory Committee (LPAC) and meet Skill Development Council (SDC) of the state nodal officer to discuss training programme schedule as per received DST instruction.

12th -27th July, 2022

Another try-out on Mushroom cultivation has been conducted successfully where B.Ed 4th Semester student-teacher has been inducted to Mushroom Cultivation with theory of 15 hours and hand on practice of 72 hours based on the tryout module developed as per the NQSF guidelines.

28th July – 27th Dec 2022

Following the guidance renderd by SDT, SEED Division, New Delhi, a Local Program Advisory Committee (LPAC) of 5 member constituted. The chairman of the committee is suggested by DST, New Delhi. Folowwing are the activities conducted during the period:

- i) Constitute LPAC as per suggestion rendered by DST, SEED Division, New Delhi.
- ii) Development of training module as per the guidance of National Skills Qualifications Framework (NSQF) and Local needs and availability.
- iii) A LPAC meeting held on 5th Dec. 2022 to track the progress of the project.
- iv) Row material for Mushroom grow, a sufficient quantity of Hay reserved after construction of a suitable shade.
- v) Modification of Greenhouse for Mushroom growing is completed.

IMPACT: Following are the distinct impact under different trades under consideration out of which some are at present preliminary stage of investigation.

i) Mushroom Cultivation: The traditionally mushroom is cultivated using grain straw in a pp bag cylinder. As grain straw is seasonal and need to be preserved throughout the year. Banana leaf which is available throughout the year adequately, is used in place of grain straw and successfully mushroom (*Volvariella Volvacea* variety) is grown without pp bag. This variety of mushroom cultivation is still not known in this area.



ii) Disposal Paper Plate (Biodegradable): Disposal Paper plate is prepared from Recycled paper (Note book, News paper etc.). Moreover, Banana leaf is used to prepare circular disk, which is used to prepare disposal plate in the donna machine. (Testing under process)



iii) Cloth Bag Tailoring: with the objective of helping to remove pp marketing bag from the market, cloth bag unit is established where, women are taught to make cloth bag tailoring.

ACHIEVED TARGET TILL THE DATE OF PREPARING THE REPORT:

Activities	Months					
	0-6	7-12	13-18	19-24	25-29	30-36
Literature survey	✓					
Recruitment of Research Associate	✓					
Analysis of the indigenous waving machine and mushroom cultivation pattern.	✓	✓				
Upgradation of indigenous waving machine and mushroom cultivation pattern.	Under process					
Examine the outcome of the technological interventions.						
Infrastructural Development and establishing the unit.	✓	✓				
Development of Training module.	Under Process					
Training						
Production						
Formation of SHG						
Linkage to NGO and Government enterprises						
Marketing and selling of products.						
Documentation and Publication						

POINT WISE DESCRIPTION:

Literature survey: Visited the different locations in the state to collect information on the mentioned trades under consideration. Documents on Skill India, National Skill Development Corporation (NSDC) website to procure information on National Skills Qualifications Framework (NSQF) which organizes qualifications according to a series of levels of knowledge, skills and aptitude.

Recruitment of Research Associate: An advertisement for recruitment of Research Associate given in the leading daily local newspaper and recruited as per the norms. (Annexed)

Analysis of the indigenous waving machine and mushroom cultivation pattern: A through analysis is done along with the expert on the different indigenous practices on mushroom cultivation and as per the expert advice looking into the environmental condition certain necessary measures that to be needed are noted down for including in the training course.

For waving machine, a prototype that is been developed under this project for the purpose of making yarn from the loop of wool is discussed with the expert from technical background and at present it is in the development stage.

Upgradation of indigenous waving machine and mushroom cultivation pattern: Under process

Infrastructural Development and establishing the unit: Necessary Infrastructure Development is completed and procured machinery and installed.

Development of Training module: Skill Development Council (SDC) of the state nodal officer to discuss training programme schedule as per National Skills Qualifications Framework (NSQF). With help of the Directorate of Employment, Skill Development & Entrepreneurship, Kohima, training module as per the NSQF made ready.

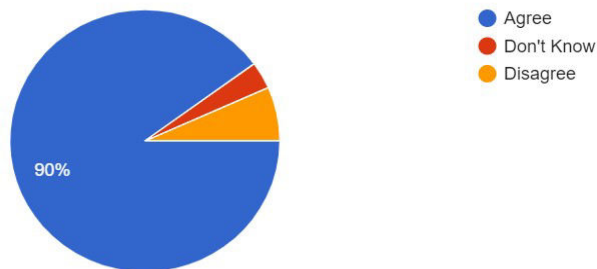
FEEDBACK RECEIVED FROM THE PARTICIPANT ON THE TRY-OUT

The collected feedback after completion of the first workshop is encouraging and the only negative feedback and suggestion received is about time constrain. That is the trainee shows interest in such programme and they want the time duration of the programme to be enhanced. Some of the feedback as under:

1. The workshop was applicable to me:



2. The program was well paced within the allotted time



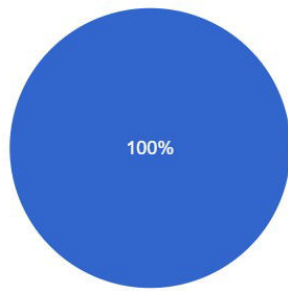
3. The instructors were good to follow



4. The demonstrations were presented in an organized manner

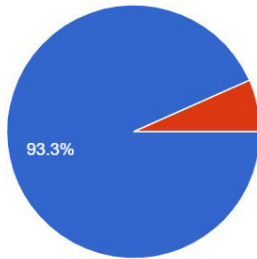


5. The instructors were knowledgeable on the topics



● Agree
● Don't Know
● Disagree

6. The time and place of conduct is Good.



● Agree
● Don't Know
● Disagree

Advertisement of Manpower for the project:

The North east Times, 13th Feb. 2022**THE NORTH EAST
TIMES**

Guwahati | 13-Feb-2022

Page-3

PR system' through the SPICE model for devolution of powers to the panchayati raj institutions (PRI) of the state, being held here in Upper Subansiri district from 10 February to 6 March. The programme, being conducted by the State Institute of Rural Development & Panchayati Raj (SIRO&PR), is aimed at looking into 'the constitutional mandates of the PRIs under the concept of SPICE mode, etc. Agencies



Sony launches Alpha7R V in presence of Amarinder Chhetri, Branch Manager, Sony India Pvt. Ltd., Guwahati along with Sony Center NRS Mercantile Services Director Rajiv Jain and Team, in Guwahati on Saturday.

el (approx., effective) full-frame image sensor.

"Alpha 7 III has been an incredible addition to the A series and has made tremendous impact in our industry by completely redefining the consumer expecta-

camera gives today's creators a new level of freedom to capture, create and share in ways that they've never been able to before, no matter the situation in which they are shooting."

Adding to this Amarinder Chhetri, Branch Manager at Sony India, Guwahati said, Alpha

7R V is a complete package for photographers and videographers who are seeking a hybrid camera, which inherits latest technology like 33.0 megapixel, 4K movie recording, S-cinetone, reliable auto focus and real time eye auto focus.

The administration has tested over 12.54 lakh samples for COVID-19 so far, including 688 on Friday Jampa said, adding that the positivity rate dipped to 7.26 per cent from 7.74 per cent on the previous day. State Immunisation Officer Dr Dimong Padung said that 16,05,413 people have been inoculated so far.

At least 62,020 beneficiaries in the age group of 15-18 years have been vaccinated and 20,446 senior citizens have received the booster jab.

Agencies

es. the country

BJP expels spokesperson w/ ally NPP parasite

IMPHAL, FEB 12: The Manipur BJP has expelled its chief spokesperson, Chongtham Bijoy Singh, for six years for violating the party's rules and regulations, days after he had called the NPP a "parasite that had proved a menace"

He said the BJP from the assembly ing against corrupt 'I was denied a p

MANIPUR 2022

to the ruling coalition in the past five years. After his expulsion from the saffron camp, Singh said he would support JD(U) candidate from Uripok Kh Suresh in the upcoming assembly elections as he wanted to contest the polls from there.

lice. The expulsion interest of the state port Janata Dal (Ur pok," he told report

VIT-AP hosts IEEE international conference on AI and Signal Processing

AMARAVATI, FEB 12: AISP22-Second International Conference is being organized by the School of Electronics Engineering, VIT-AP university in Coordination with IEEE Guntur Subsection and Technical Co-sponsored

by IEEE Hyderabad section inaugurated by Chief guest Srinivas Lingam, Vice President, Data Center and AI Group, Intel Corporation in presence of Guest of Honour Prof. Tokunbo

papers with unique, and novel contributions so that the innovations in this as-

120 papers were accepted for presentation. However, 110 papers have been reg-



Assam engineer's forum for pragmatic flex-fuel

GUWAHATI, FEB 12: All Assam Engineer's Association (AAEA) appreciates the latest initiative taken by both the Union government in New Delhi and State government in Dispur to encourage the use of green fuel in all kinds of automobiles and urges the concerned authorities to launch a public awareness campaign about the alternative fuel for the benefit of automobile users across India.

patrol-powered financially benefi inflammable org compound is p agricultural pri sugarcane, hemp etc. Presently Ind 9 percent ethanol Ethanol (symbol cleaner way than leaves a signific

WANTED

Applications are invited from Suitable candidate for the recruitment of Project Associate under the State College of Teacher Education, Kohima, Nagaland for project, Women Technology Park sponsored by Department of Science and Technology, New Delhi for the period of 1 year.

Job Position I
Kohima, Nagaland

Qualification
MSc/M.A in MSW with NET or JRF

Salary
Rs.31000 + 10% HRA per month

Application Procedures
Application with bio-data should be e-mailed to principalctee50@gmail.com by 20th Feb.2022

Project Investigator : Dr. Sandip Ratra



Inaugural Program of Women Technology Park (WTP)

State college of Teachers' Education, Kohima, Nagaland organized an Inaugural Programme of its latest project, Women Technological Park (WTP) on 23rd Feb. 2022 at its Campus under the Theme, 'Towards a Skilled Nagaland'.

Chief Guest of the Day, Dr. Katoni Jakhalu, Director, Higher Education (Govt of Nagaland), unveiled the Plaque in the presence of Special Guest, Smti Rokuono (Joint Director, DHE), Resource Person Dr. Sosang Longkumer (Director, Konger Agritech, Dimapur, Nagaland), Dr. Elizabeth Walling (Principal, SCTE-K), Teaching Faculty and Student Teachers of the Institute.

Principal Investigator of the Project, Dr.

Sandip Ratna (Asst Professor, SCTE-K) assisted the delegates by familiarising them to the machinery for Paper Making, Cloth Making and Mushroom Cultivation.

The Formal Program was Chaired by Smti Anisha Himb (Asst Professor, SCTE-K). Shri Megosiele Khate (Asst Professor, SCTE-K) gave the Introduction to WTP by stating that this project will introduce learners to skills like paper plate making, cloth making and mushroom cultivation. He apprised the attendees on the need and significance of this Project as an integral part of B.Ed curriculum under Nai Talim as well as a window of opportunity for Self Help Groups and women entrepreneurs. It's objective is founded on the premise of Community Engagement and Community Participation. He stated that this Project is cost effective but has high potential, and mentioned that according to Niti Ayog, Nagaland has the potential for Horticulture and Handicraft but needs training and resources. The duration of the project will be for 3 years, he concluded.

The Chief Guest in her address congratulated the College for this endeavour while applauding the faculty as one of the best in the state. She encouraged the Student Teachers to make the best use of this opportunity. Referring to the revolutionary scope and nature of NEP 2020, she challenged the student Teachers to be progressive and receptive since only those kind of teachers will be able to "go with the flow" while rigid and reluctant ones will be "left behind". She called teachers as "shapers of the next generation" and so one ought to enter the profession by choice. She also reflected on the potential of WTP for multiplier effect where the skills, knowledge and experiences learnt by the Student Teachers will be imparted to their respective schools in particular and their community in general.

The Program concluded with a vote of thanks by Principal, SCTE-K. This was followed by a Technical Session on Mushroom Cultivation Chaired by Resource Person.

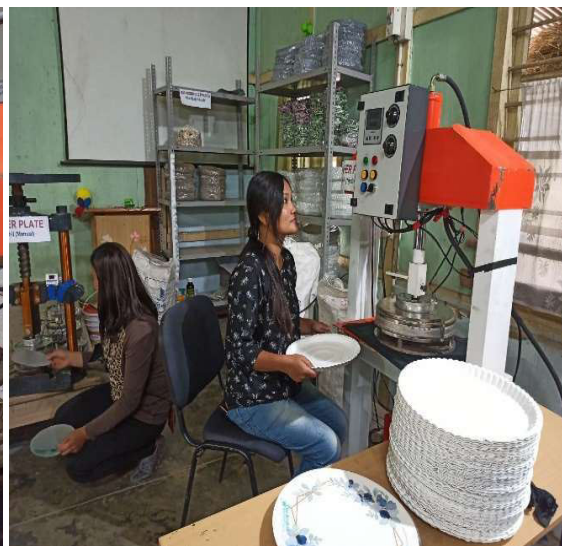
PICTURES GALLERY



Inaugural Programme, 23 rd Feb 2022



Infrastructure developed





Demonstration & Try-out of different trades to Local Community members



LPAC Meeting & Inspection



M3RX+W9V, High School Colony, Kohima,
Nagaland 797001, India

Latitude
25.69233104°

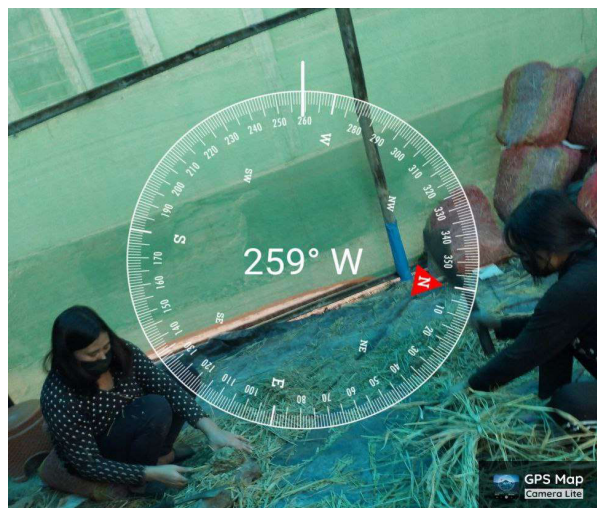
Longitude
94.09826752°

Local 04:19:13 PM

Altitude 1380.74 meters

GMT 10:49:13 AM

Thursday, 11.17.2022



63, Lower Bayavü Hill, Kohima, Nagaland 797001,
India

Latitude
25.6899564°

Longitude
94.1026204°

Local 02:56:01 PM

Altitude 1371.4 meters

GMT 09:26:01 AM

Thursday, 12.15.2022



M3VX+7WX, High School Colony, Kohima,
Nagaland 797121, India

Latitude
25.6928646°

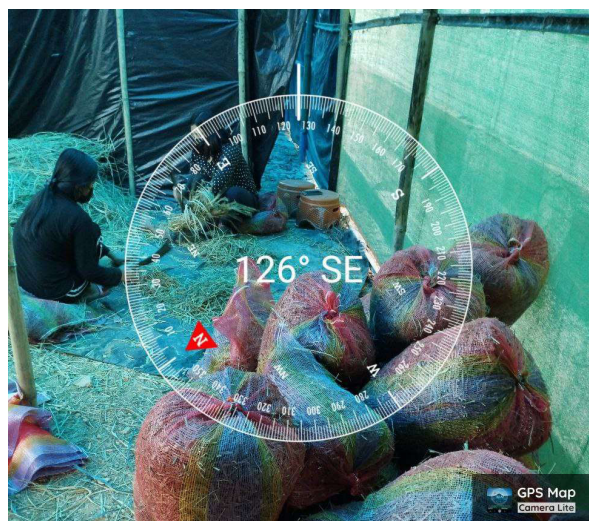
Longitude
94.1013355°

Local 02:54:54 PM

Altitude 0 meters

GMT 09:24:54 AM

Thursday, 12.15.2022



M3VX+7WX, High School Colony, Kohima,
Nagaland 797121, India

Latitude
25.6927648°

Longitude
94.0998188°

Local 02:55:23 PM

Altitude 0 meters

GMT 09:25:23 AM

Thursday, 12.15.2022

Purchase & Preparation of Hay


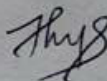


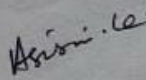
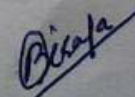
State College of Teacher Education-IQAC, Kohima, Nagaland

PARTICIPANT DETAILS

(TRY OUT OF TRADES UNDER WTP)

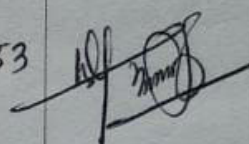
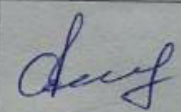
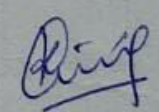

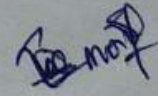

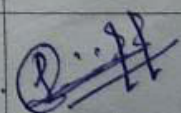
Catalyzed & Supported by SEED Division, Department of Science & Technology, New Delhi

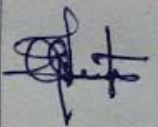

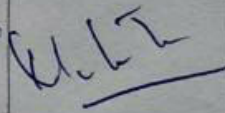
Date:

Sr No	Name	Permeant Address	Phone No	Aadhar No	Signature
01	AKEKA V. AWOMI	Yangzitong - 'B' Village Kiphire, Nagaland, 798611	9366544256	5428 2305 5658	
02	ALEM N.	Longzang village, Tankao Ward, Mon. 798621	9862929175	4462 6202 8656	
03	ASANGLA SANGTAM	Phin Ali Village P.O. Langchim 798616.	9077870895	2498 8052 3237	
04	ASANI	Pudunamei Village, Mao, Senapati	9354106864	3047 4204 9482	
05	ASISIN KHING	Tseminye Teron. P.O - 7971009	9774423192	3775 3235 5765	
06	BISALA SANGTAM	YINGPHIRE VILLAGE KIPHIRE DISTRICT	7005793813	4238 1591 9397	

07	CHUMBENI PATTON	H NO: 625, Near Tourist Lodge, C-xhel, Monera Village, Monera, Nagaland - 797111	7005825180	6765 0349 1476	Chumben. 27/6/22
08	CHUMBENI PATTON	H.NO: 531, SECTOR SECTOR C LERIE COLONY, NEAR MODEL HR. SEC. SCHOOL, KOHIMA - 797001, NLD.	9077177108	9403 8773 1991	
09	ESTHER K. KONYAK	Shangnye Village, Mon: Nagaland. 798621. H.no 132	2129862578	6603 4183 5915	
10	ETHUPE U THOPI	CHIZANI, VILLAGE DIST. PHEK, NAGALAND, 797107.	6009417064	8005 0595 8276	<u>Ethupey</u>
11	HUKAVI Y. KIHU	SHEBULIMI VILLAGE B.P.O Ghethe shi. 797109	7005404274	8794327045	Mukani.
12	KANOTOLI G. KIHU	H.NO-79, ward-04, walford colony, Dimapur Sadar, Dimapur, Nagaland 797112	9383013232	420667003999	Kanotoli
13	KENEIKHRIENUO KENSE	Borsa village, Kohima Nagaland. 797001	9077065685	284435346844	Penitharano
14	KENEILEL KEVIN ROTE	KIDIMA VILLAGE Dist. KOHIMA. NAGALAND 797001	9856487517	7560 6679 7935	

60:71 5/1/2202

15	KENEILHOU LIE PIENYÜ	Nerhema Village	9077799140 9856235355	7316 0469 6253	
16	KESOVINUO MERE	Tsazema Bassa village	8414943602	838411201813	Kesovinu
17	KEVEPOYI DIZUMO	Phurachodu Village Dist: Phek, Nagaland	9862859393	2244 7900 3462	
18	KEVINGULIE SOTE	P. Khel Kohima Village	8119017466	6990 8603 6449	
19	KHONZANI TUNGOE	Upper NST Colony, Wokha, Nagaland	7085613755	277039799988	
20	KHROTSOLO T. MERO	CHIZAMI VILLAGE Dist. PHEK, Nagaland	9862817747	8770 4437 2956	
21	KWIECHU FITHU	Hutsie Village, Phek District, Nagaland	8414005812	5696 9886 4124	
22	LIYAN KONYAK	Aboi Town, Mon Dist.	7005391458	300235632909	

23	LONGCHATSUNG LONGCHAR				
24	MARTIN CHENG	Tseminyu old town Tseminyu, Nagaland	8837216528	925764277102	
25	MARYANGLA I. KICHU	CHUNGTHIA VILLAGE MOKOKCHUNG, NAGALAND	7640854550	3808 5499 9639	Maryangla.
26	MEYAYONGDANG	TSUREMNEH VILLAGE MOKOKCHUNG, NAGALAND	9366062265	927286785594	
27	MOAJUNGLA TZUDIR	HANGMETONG VILLAGE MOKOKCHUNG, NAGALAND	8259013100	3861 2313 1936	Moajungla.
28	MOATEMSU JAMIR	CHANGTONBYA VILLAGE MOKOKCHUNG, NAGALAND	8119018062	5663 0430 1066	
29	MOI-OM T.	TANGHA VILLAGE LONGLENG, NAGALAND	9612844461	792869039593	Moikom
30	MUTSOI P.	NOKLAK VILLAGE NOKLAK, NAGALAND	700566 0487	27075084 6059	mutsoi

31	NANGSHIPOKLA L. JAMIR	Khensa Village, Mokokchung, Nagaland	8732845590	865300188941	<u>Apok</u>
32	NAROLA LANGUR	Ganeshnagar Village, Dimapur, Nagaland.	9089410556	812846836004	Narola Langur.
33	NAROLEMLA CHANG	H-no 511/10, Diphpan 'B' Village, Dimapur.	8837397822	928238403552	Narolemla.
34	NIKIVI LOHE				
35	NIOCHOM	Noklak Joron, Muenang Nagaland	7005850629	369842019892	Niochom
36	P. LIBO LIVIA ASSUMI	Lazame, village Zunheboto, Nagaland	9862565096	996103536540	Libo
37	BAUTANG M. PHOM	TAMLU VILLAGE LONGLENG, NAGALAND	7085497978	630185922106	Bautang M. Phom
38	PEKANGZANGNGAULULE	BENREU VILLAGE H-NO 75 PEREN	7627936525		Pei

39	PETEKHRIENO	KIDIMA VILLAGE KOHIMA NAGALAND	8575462639	3412 9143 8774	<i>Peto</i>
40	SALAMPOINLANG ZELIANG	POILWA VILLAGE PEREN DISTRICT	8787622042		Salampo
41	SHAOPA KONYAK	Lampong Wakching Village, Mon Nagaland.	8761828651	5911 2404 8411	<i>Shaopa</i>
42	SUNEPSENLA	Science college Jotsoma Nagaland	9089206084	3873 0693 2628	<i>Sunep</i>
43	T. ZANBENI HUMTSOE	Tseuney & Wokeh Town	9612207935	7738 1753 2762	<i>Zanbi</i>
44	TSEILIEVINUO KHRUOMO	L. Khel Kohima Village, Kohima	9089568141	9182 4816 8044	<i>Tseil</i>
45	TSUVIKIU TIKHIR	P.O KIPHIRE, LONGYA-WARD, Kiphire Hq. Kiphire, Nagaland - 798611	9612135019	4972 2965 5398	<i>Tsuvi</i>

46	TUSHIONARA T. AWOMI	NEW MINISTERS HILL KOHIMA NAGALAND	9518758943	26593375 7819	<i>Tushionara</i>
47	VEPANIELU KHAMO	Dozaphuehu Village, Phuk, 797108, Nagaland.	8119889343	88661032 9356	<i>V. Khamo</i>
48	VIKETOUNUO KIRE	TENYIPHE - I VILLAGE, CHUMUKEDIMA, NAGALAND	8132866271	26576634 1226	<i>Viketouno</i>
49	VISALIETO LHOUSA	B.P.O. Mezoma Village, Kohima 797002	8731942510	8267 3679 2147	<i>Visalieto</i>
50	VIZOBEINUO PIELIE	EC B 12, AGRI COLONY, Kohima Sadar, Kohima, Nagaland, 797001	9774242034	4267 9366 0066	<i>[Signature]</i>
51	VONCHIBENI ODYUO	Saron Colony, Wokha Sadar, Wokha, Nagaland 797111	9383390896	7023 1561 4933	<i>Vonchibeni</i>

Returning

STATE COLLEGE OF TEACHER EDUCATION
OPP. SCERT-KOHIMA
HIGHSCHOOL AREA
KOHIMA, NAGALAND - 797001

UTILIZATION CERTIFICATE

In respect of

Women Technology Park (WTP) for Rural Tribal Women of
North-East through Technology Intervention

Under
Department of Science and Technology
Government of India

GFR 12 - A
[See Rule 238(1)]
FORM OF UTILISATION CERTIFICATE
FOR AUTONOMOUS BODIES OF THE GRANTEE ORGANISATION

UTILISATION CERTIFICATE FOR THE YEAR 2021-22
In respect of recurring
GRANTS-IN-AID FOR SALARIES/GENERAL COMPONENT

1. Name of the Scheme : Women Technology Park (WTP) for Rural Tribal Women of North-East through Technology Intervention
2. Whether recurring or no recurring grants : Recurring Grant
3. Grants position at the beginning of the Financial year
- (i) Cash in Hand/Bank : -
- (ii) Unadjusted advances : NIL
- (iii) Total : -

4. Details of grants received, expenditure incurred and closing balances:(Actuals)

Unspent Balances of grants received years (Figure as at Sl. no 3(iii))	Interest earned thereon	Interest deposited back to the Government	Grant received during the year			Total available Fund (1+2-3+4)	Expenditure Incurred	Closing Balances (5-6)
1	2	3	4			5	6	7
			Sanction No. (i)	Date (ii)	Amount (iii)			
-	7,165	7,165	SEED/WS/2019 /419(G)	03-12-2021	11,50,957.00	11,50,957.00	6,90,932.00	4,60,025.00

Component wise utilisation of grants

Grant In aid General	Grant In Aid -Salary	Grant In aid-creation of capital assets	Total
5,64,212.000	1,26,720.00	0.00	6,90,932.000

Details of Grant position at the end of the year

- (i) Cash in Hand/Bank : 4,60,025.00
- (ii) Unadjusted advances : NIL
- (iii) Total : 4,60,025.00

Certified that we have satisfied ourself that the conditions on which grants were sanctioned have been duly fulfilled/are being fulfilled and that we have exercised following checks to see that the money has been actually utilized for the purpose for which it was sanctioned:



- (i) The main accounts and the other subsidiary accounts and registers (including assets registers) are maintained as prescribed in the relevant Act/Rules/Standing instructions (mentioned the Act/Rules) and have been duly audited by designated auditors. The figures depicted above tally with the audited figures mentioned in financial statements/accounts.
- (ii) There exist internal controls for safeguarding public funds/assets, watching outcomes and achievements of physical targets against the financial inputs, insuring quality in asset creation etc. & the periodic evaluation of internal controls is exercised to ensure their effectiveness.
- (iii) To the best of our knowledge and belief, no transactions have been entered that are in violation of relevant Act/Rules/Standing instructions and scheme guidelines.
- (iv) The responsibilities among the key functionaries for execution of the scheme have been assigned in clear terms and are not general in nature.
- (v) The benefits were extended to the intended beneficiaries and only such areas/districts were covered where the scheme was intended to operate.
- (vi) The expenditure on various components of the scheme was in proportions authorized as per the scheme guidelines and terms and conditions of the grants-in-aid.
- (vii) It has been ensured that the physical and financial performance under 'Women Technology Park (WTP) for Rural Tribal Women of North-East through Technology Intervention', has been according to the requirements, as prescribed in the guidelines issued by Govt. of India and the performance /targets achieved statement for the year to which the utilization of the fund resulted in outcomes given at Annexure-I duly enclosed.
- (viii) The utilization of the fund resulted in outcomes given at Annexure-II duly enclosed (to be formulated by the Ministry/Department concerned as per their requirements / specifications).
- (ix) Details of various schemes executed by the agency through grants-in-aid received from the same Ministry or from other Ministries is enclosed at Annexure-II (to be formulated by the Ministry/Department concerned as per their requirements/specifications).

Date: 29/11/2022

Place: Dimapur

UDIN: 23126928BGW0GK8598

Sandip Ratna

Name : Dr. Sandip Ratna
Project Investigator


CA: Lipokmeren
M.No. 126928
FRN: 328251E
959, Middle Colony
NH 29, Purana Bazar
Dimapur-797116 [Nagaland]



**STATEMENT OF EXPENDITURE
GENERAL COMPONENT (RECURRING)**

SR. NO	SANCTIONED HEADS	FUNDS ALLOCATED (Indicate sanctioned or revised)	Expenditure Incurred			Total	Balance if any	Remarks
			1st Year (2021-22)	2nd Year	3rd Year			
I	II	III	IV	V	VI	(IV+V+VI)		
1	Manpower	4,31,520.00	1,26,720.00	-	-	1,26,720.00	3,04,800.00	
2	Consumable	44,350.00	38,700.00	-	-	38,700.00	5,650.00	
3	Travel	70,000.00	64,920.00	-	-	64,920.00	5,080.00	
4	Contingency	1,00,087.00	49,392.00	-	-	49,392.00	50,695.00	
5	Field Testing/Demo/Training	4,55,000.00	3,95,200.00	-	-	3,95,200.00	59,800.00	
6	Overhead	50,000.00	16,000.00	-	-	16,000.00	34,000.00	
	TOTAL	11,50,957.00	6,90,932.00	-	-	6,90,932.00	4,60,025.00	

Total Amount Sanctioned : 36,40,971.00
 Total Expenditure : 6,90,932.00
 Amount Received (1st Installment) : 11,50,957.00
 Interest Earned : 7,165.00
 Receivable amount from DST : 24,90,014.00

Name of Principal Investigator - Dr Sandip Ratna
 State College of Teacher Education - IQAC

Sandip Ratna

Signature of Principal Investigator

Certificate: On the basis of Voucher & Sanction order Vide Sanction No. SEED/WS/2019/419(G) Dated-03/12/2021 and other information and explanations given to us by Dr. Sandip Ratna, State College of Teachers Education, Kohima, Nagaland. We hereby certify that above figure are true and correct.


 Signature of Competent Financial Authority
 CA: Lipokmeren
 M.No. 126928
 FRN: 328251E
 959, Middle Colony
 NH 29, Purana Bazar
 Dimapur-797116 [Nagaland]

Date: 29/11/2022
 UDIN: 23126928BGWOGK8598



STATE COLLEGE OF TEACHER'S EDUCATION
KOHIMA, NAGALAND - 797001

RECEIPT & PAYMENT ACCOUNT FOR THE PERIOD FROM 21/12/2021 TO 31/03/2022

In Respect of

Financial Assistance for the Project "Women Technology Park (WTP) for Rural Tribal Women of North-East through Technology Intervention" under the Guidance of Dr. Sandip Ratna

RECEIPTS To,	AMOUNT (₹)	PAYMENTS By,	AMOUNT (₹)
Opening Balance	-	Manpower	1,26,720.00
		Consumable	38,700.00
		Travel	64,920.00
		Contingency	49,392.00
		Field Testing/Demo/Training	3,95,200.00
		Overhead	16,000.00
		Refund of Bank Interest on Grant to GOI	7,165.00
Grant in Aid:		<u>Non-Recurring Expenses</u>	
From Govt. of India, Deptt. Of Science & Technology, Science for Equity Empowerment & Development [SEED] Division		Equipments	8,22,596.00
Recurring Grant	11,50,957.00		
Non-Recurring Grant	8,27,836.00		
Bank Interest	7,165.00		
		Closing Balance	4,65,265.00
TOTAL	19,85,958.00	TOTAL	19,85,958.00

Auditor's Report

We have examined the annexed Receipts & Payments account for the year 2021-22 of the Project- "Financial Assistance for the Project "Women Technology Park (WTP) for Rural Tribal Women of North-East through Technology Intervention" under the Guidance of Dr. Sandip Ratna, State College of Teachers Education, Kohima, Nagaland with the books of account and other records produced before us and that, to the best of our information and according to the explanations given to us, the annexed Receipts & Payments Account is in agreement with the said records.

Date: 29/11/2022

Place: Dimapur

UDIN: 23126928BGW0GK8598

Sandip Ratna

(Sandip Ratna)

State College of Teachers Education

Kohima: Nagaland

CA: Lipokmeren

M.No. 126928

FRN: 328251E

959, Middle Colony

NB 29, Purana Bazar

Dimapur-797116 [Nagaland]



STATE COLLEGE OF TEACHER EDUCATION

OPP. SCERT-KOHIMA

HIGH SCHOOL AREA

KOHIMA, NAGALAND – 797001

UTILIZATION CERTIFICATE

In respect of

**Women Technology Park (WTP) for Rural Tribal Women of
North-East through Technological Intervention**

**Under
Department of Science and Technology
Government of India**

GFR 12-A
[See Rule 238 (1)]

**FORM OF UTILIZATION CERTIFICATE
FOR AUTONOMOUS BODIES OF THE GRANTEE ORGANISATION**

**UTILIZATION CERTIFICATE FOR THE YEAR 2021-22
in respect of Non-Recurring
GRANTS-IN-AID FOR CREATION OF CAPITAL ASSETS**

- 1 Name of the Scheme - **Women Technology Park (WTP) for Rural Tribal Women of North-East through Technological Intervention**
- 2 Whether recurring or non-recurring grants **Non-recurring Grant**
- 3 Grants position of the beginning of the Financial year
i) Cash in Hand/Bank --
ii) Unadjusted advances --
iii) Total --

4 Details of grants received, expenditure incurred and closing balances : (Actuals)

Unspent Balances of Grants received years (Figure as at Sl.No.3(iii))	Interest Earned thereon	Interest deposited back to the Government	Grant received during the year			Total Available funds (1+2+3+4)	Expenditure incurred	Closing Balances (5-6)
1	2	3	4			5	6	7
			Sanction No.(i)	Date (ii)	Amount (iii)			
--	--	--	SEED/WS/2019/419(G)	03/12/2021	827836.00	827836.00	822596.00	5240.00

Component wise utilization of grants:-

Grant-in-aid General	Grant-in-aid-Salary	Grant-in-aid creation of capital assets	Total
--	--	822596.00	822596.00

Details of grants position of the end of the year

- | | | |
|-------|-----------------------|----------|
| (i) | Cash in Hand/Bank : | 5,240.00 |
| (ii) | Unadjusted Advances : | Nil |
| (iii) | Total : | 5,240.00 |



Contd...2..

:2-:

Certified that we have satisfied ourself that the conditions on which grants were sanctioned have been duly fulfilled/are being fulfilled and that we have exercised following checks to see that the money has been actually utilized for the purpose for which it was sanctioned:

- (i) The main accounts and other subsidiary accounts and registers (including assets registers) are maintained as prescribed in the relevant Act/Rules/Standing instructions (mention the Act/Rules) and have been duly audited by designated auditors. The figures depicted above tally with the audited figures mentioned in financial statements/accounts.
- (ii) There exist internal controls for safeguarding public funds/assets, watching outcomes and achievements of physical targets against the financial inputs, ensuring quality in asset creation etc. & the periodic evaluation of internal controls is exercised to ensure their effectiveness.
- (iii) To the best of our knowledge and belief, no transactions have been entered that are in violation of relevant Act/Rules/standing instructions and scheme guidelines.
- (iv) The responsibilities among the key functionaries for execution of the scheme have been assigned in clear terms and are not general in nature.
- (v) The benefits were extended to the intended beneficiaries and only such areas/districts were covered where the scheme was intended to operate.
- (vi) The expenditure on various components of the scheme was in the proportions authorized as per the scheme guidelines and terms and conditions of the grants-in-aid.
- (vii) It has been ensured that the physical and financial performance under Financial assistance for the project **"Women Technology Park (WTP) for Rural Tribal Women of North-East through Technological Intervention"** has been according to the requirements, as prescribed in the guidelines issued by Govt. of India and the performance/targets achieved statement for the year to which the utilization of the fund resulted in outcomes given at Annexure - I duly enclosed.
- (viii) The utilization of the fund resulted in outcomes given at Annexure - II duly enclosed (to be formulated by the Ministry/Department concerned as per their requirements/specifications.)
- (ix) Details of various schemes executed by the agency through grants-in-aid received from the same Ministry or from other Ministries is enclosed at Annexure - II (to be formulated by the Ministry/Department concerned as per their requirements/specifications).

Date : 14/04/2022

Place : Dimapur, Nagaland

Sandip Ratna

Name: **Dr. Sandip Ratna**
Project Investigator

[Signature]

CA: Lipokmeren
M.No. 126928
FRN : 328251E
5th Floor, East Block
Nagaland State Co-operative Bank
Kharmahal, Circular Road
Dimapur-797112 Nagaland

Date : 14/04/2022

UDIN : 22126928AHQGVZ6981



Statement of Expenditure

General Component (Non-Recurring)

Sr No.	Sanctioned Heads	Funds allocated (indicate sanctioned)	Expenditure Incurred			Total	Balance if any	Remarks
			1st year (2021-22)	2nd year	3rd year			
I	II	III	IV	V	VI	(IV+V+VI)		
1	Equipments							
i)	CS-5100 Signle Needle Sewing Machines (2 Nos.)	54000.00	54000.00	--	--	54000.00	-	-
ii)	TK Marketing racks Steel self (12 Nos)	43800.00	43800.00	--	--	43800.00	-	-
iii)	Deep Tray Stainless Steel	66000.00	66000.00	--	--	66000.00	-	-
iv)	Household Zig-Zag Sewing Machine Head (6 Nos.)	38520.00	28890.00	--	--	28890.00	9630.00	-
v)	Paper Shredder (2 Nos.)	40000.00	40000.00	--	--	40000.00	-	-
vi)	Paper plate/cup (dona) machine (3 Nos)	201900.00	201900.00	--	--	201900.00	-	-
vii)	5Kw on Grid Solar Power Pack System	324436.00	324437.00	--	--	324437.00	-1.00	-
viii)	Infiniti Solar Cooker Box Type, capacity 4 jars (10 Nos.)	59180.00	59180.00	--	--	59180.00	-	-
ix)	Sewing machine needle, plate small cutter (1No.)		4389.00	--	--	4389.00	-4389.00	-
	Total	827836.00	822596.00			822596.00	5240.00	

Total Amount Sanctioned 827836.00
Total Expenditure 822596.00
Amount Received (1st installment) 827836.00
Interest earned --
Receivable amount from DST Nil

Name of Principal Investigator - **Dr. Sandip Ratna**
State College of Teacher Education-IQAC

Sandip Ratna

Signature of Principal Investigator

Certificate : On the basis of Voucher & Sanction Order Vide Sanction No.SEED/WS/2019/419(G) Dtd. 03/12/2021 and other information and explanations given to us by **Dr. Sandip Rana**, State College of Teachers Education, Kohima, Nagaland. We hereby certify that above figure are true and correct.

[Signature]
Signature of Competent Financial Authority
CA: Lipokmeren
M.No. 126928
FRN : 328251E
5th Floor, East Block
Nagaland State Co-operative Bank
Kharmahal, Circular Road
Dimapur-797112 Nagaland
Date : 14/04/2022
UDIN : 22126928AHQGVZ6981





STATE COLLEGE OF TEACHER EDUCATION

IQAC

KOHIMA: NAGALAND

Motto: "learn light lead"

Email: sctekohima@gmail.com

Phone No: (370) 2260086 (O)

Reference No. SCTE/IQAC/2021/026

/Dated Kohima, the 25th June 2022

Project: Women Technology Park (WTP) for Rural Tribal Women of North-East through Technological Intervention

Member Present:

- i) Dr Monoj Kumar Patel, NIT Dimapur as Chairman
- ii) Dr. Elizabeth Waling, Principal, SCTE, Kohima --- Member
- iii) Dr Sandip Ratna, PI WTP --- Member
- iv) Mr. Megosielie Khate, Co-PI WTP --- Member
- v) Ms. Sungjemkala Imchen Project Assistant --- Member

A meeting held at Conference Hall, SCTE-Kohima, 11.30 to form Local Programme Advisory Committee (LPAC) as per directive received from DST, New Delhi Via an e-mail dated 18th May, 2022. Mr. Megosale Khate, Co-PI of WTP has provided a PPT presentation on overview of the project and the following laid activities conducted by the newly formed committee:

1. The newly formed committee has inspected the various set up of equipment for different trade under consideration.
2. Sanctioned amount and statement of expenditure has been verified.
3. Verification of stock.

The meeting concluded with a decision to meet next in the month of Dec. 2022. The committee has expressed satisfaction over the progress on the ongoing project.

(Dr. Sandip Ratna)

Principal Investigator &
Coordinator, IQAC, State College of Teacher Education
Kohima, Nagaland, 797001



PhNo: +919856950447

Email: iqac.scte-ngl@gov.in



STATE COLLEGE OF TEACHER EDUCATION

IQAC

KOHIMA: NAGALAND

Motto: "learn light lead"

Email: sctekohima@gmail.com

Phone No: (370) 2260086 (O)

Reference No. SCTE/IQAC/2021/027

/Dated Kohima, the 05th Dec 2022

Project: Women Technology Park (WTP) for Rural Tribal Women of North-East through Technological Intervention

A Meetings among the LPAC members on the progress of WTP held on 05th Dec. 2022 at 11.30am, SCTE Conference Hall.

Member Present:

- i) Dr Monoj Kumar Patel, NIT Dimapur-- Chairman
- ii) Dr. Elizabeth Waling, Principal, SCTE, Kohima --- Member
- iii) Dr Sandip Ratna, PI WTP --- Member
- iv) Mr. Megosielie Khate, Co-PI WTP --- Member
- v) Ms. Sungjemkala Imchen Project Assistant --- Member

Dr Elizabeth Walling, Principal SCTE welcomed the members present in the meeting and thank Department of Science & Technology, New Delhi, SEED division, for Funding for the project, also thanked Directorate of Higher education, Kohima; Directorate of Tribal affair, Kohima; Nagaland Handloom & Handicrafts Development Corporation Limited; Directorate of Employment, Skill Development & Entrepreneurship, Kohima, Konger Agritech, Dimapur; NIIT, Dimapur for collaborating and rendering necessary support for the ongoing project.

Discussions:

Based on the Guidance rendered by the Department of Science & Technology, New Delhi a through verification on different aspect of the project is done and follows observations summarised:

1. Up to Dec 2022, a total of four induction on trades under consideration with different educated unemployed women including ongoing B.Ed student teachers have been conducted.
2. A sum of Rupees 51,457 have been generated on different trades on initial try out of the products.

3. It is decided to buy Hay of Four full trip of pick-up van within 20th Dec 2022 for mushroom cultivation during the harvesting season.
4. The progress on training module developed on different trade maintaining the guidelines of NSQF have been reviewed.
5. Modification of Greenhouse made for Mushroom cultivation suggested by expert is discussed and considered to follow the same.
6. A member has suggested to bring modification in the cloth bag by putting traditional embroidery on the face of the bag which is agreed by all present members.

Meeting ends with Thank giving to all the present member for the meeting and all the responsible department/organisation that directly and indirectly inked to the progress of the project.



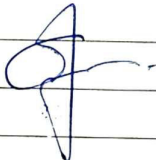


(Dr. Sandip Ratna)

Principal Investigator &
Coordinator, IQAC, State College of Teacher Education
Kohima, Nagaland, 797001



PhNo: +919856950447

Email: iqac.scte-ngl@gov.in

Name	Address	Signature
Dr. Manoj Kumar Patel	Department of Mathematics NIT-Nagaland Dimapur - 797103 Nagaland India	
Ms. Sungjemkala Inchen	New Secularial Kohima Nagaland - 797001	
Mr. Megasichie Khate	SCTE - Kohima	
Dr. Elizabeth Walling	Principal, SCTE-K	
Dr. Sandip Rathna	SCTE-Kohima.	