

Program Report

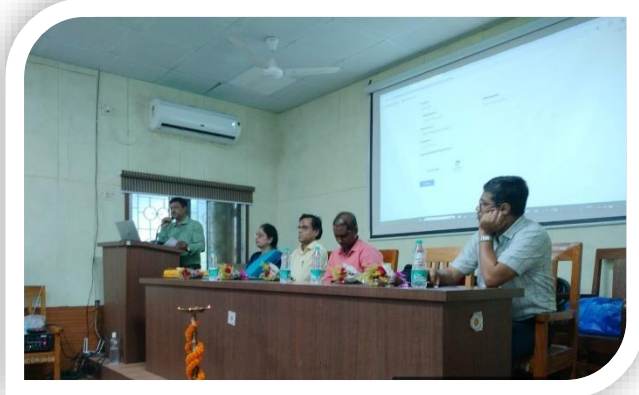
Orientation Program



Dr. Abhijit Roy (Coordinator)
Dr. Kiran Kumar Roy (Co-Coordinator)

Dr. Bhupendra Nath Dutta Smriti Mahavidyalaya
Hatgobindapur, Purba Bardhaman, West Bengal - 713103

Executive Summary



Prologue

Agriculture remains the backbone of rural India, shaping the livelihoods of millions and serving as a critical pillar of the nation's economy. Yet, challenges such as low productivity, outdated farming practices, and limited access to resources persist, hindering sustainable development. The objective of the IPL Foundation Amrit Internship Program is to sensitise students and farmers to understand existing challenges and possible solutions to improve productivity in a sustainable manner. The purpose of the orientation program is to equip student interns with the knowledge, skills, and sensitivity required to engage meaningfully with rural farmers. By focusing on agricultural productivity and empowering interns to conduct impactful surveys, the program seeks to contribute to actionable insights and long-term solutions for enhancing rural prosperity. While pre-orientation program on 23rd of October, 2024 was to give an overview about the project, know each other better, make student clusters according to block-level distribution of interns and identification of leadership within student groups or block-level teams, the orientation program with the knowledge, skills and attitude requires for the internship program. In this report we present the details of the orientation program conducted on 9th of November, 2024.

Introduction

The Orientation Program of IPL Foundation Amrit Internship for the district of Purba Bardhaman, West Bengal, was scheduled on 9th of November, 2024. This event was the follow-up of the pre-orientation program that we have conducted on 23.10.2024. Before we proceed in the report we must briefly state the background of the program. The project of Internship Program started with the mutual consent between IPL Foundation, under whose banner and funding the program will be implemented, and, Dr. Bhupendra Nath Dutta Smriti Mahavidyalaya, Purba Bardhaman, West Bengal as the Implementing Agency. The entire project started with the recruitment of interns from different colleges across blocks of Purba Bardhaman district. We have recruited total of 60 interns of whom 59 interns finally registered in the Orientation Program.

The core objective of the program was to equip interns with an understanding of the key challenges faced by rural farmers, including low productivity, resource constraints, and socio-economic factors. We have designed the orientation program in such a way that along with the basic knowledge of the subject matter, interns will develop survey skills, build cultural sensitivity, enhance communication skill, learn cooperative approaches, familiarize with tools and technologies related to farming, manage expectations about the program and moreover understand the broader goal of the internship program. The esteemed resource persons highlighted different facets of the program throughout the day.

In this brief report we first present the program schedule. The day started with the registration program and filling up the online forms in the portal. Following this registration procedure, the formal program started with the lighting of lamp ceremony in presence of all the dignitaries. Following this the welcome address was given by Dr. Amal Kumar Ghosh, Principal, Dr, Bhupendra Nath Dutta Smriti Mahavidyalaya. Dr. Rajeev Ranjan, Senior Advisor, IPL Foundation joined the program online and graced the occasion. Following this our resource persons Dr. Lakshman Chandra Patel and Dr. Sibshankar Das from Bidhan Chandra Krishi Viswavidyalaya delivered their speech in diverse areas of agriculture. Mrs. Nanadini Roy, Mentor, IPL Foundation delivered her speech on the overall objective of the program until we broke for lunch. Mr. Subhankar Saha from Centre for Cooperative Management was our esteemed speaker in the post lunch session. The rest of the session was conducted by Dr. Abhijit Roy, Coordinator and Dr. Kiran Kumar Roy, Co-coordinator of the program on the different issues of registration, survey and questionnaire. The program ended with the formal vote of thanks.

Program Schedule

ORIENTATION PROGRAMME FOR AMRIT INTERNS

Date: 9th November, 2024

Venue: Dr. Bhupendra Nath Dutta Smriti Mahavidyalaya, Hatgobindapur, Purba Bardhaman, West Bengal – 713 407

Program

| | |
|------------------------------|---|
| 08:30 AM – 10:30 AM | Registration of interns and breakfast |
| 10:30 AM – 10:45 AM | Lighting of lamp ceremony |
| 10:45 AM - 11:00 AM | Welcome Address by Dr. Amal Kumar Ghosh, Principal, Dr. BNDS Mahavidyalaya (IA) |
| 11:00 AM – 11:30 AM | Address by Video Conferencing of Distinguished Resource Persons from IPL Foundation |
| 11:30 AM – 12:00 NOON | Address by Dr. Lakshman Chandra Patel, Assistant Professor in Agricultural Entomology, Bidhan Chandra Krishi Viswavidyalaya, Burdwan Campus; Topic: Cropping pattern and soil health in Purba Bardhaman District, West Bengal |
| 12:00 NOON – 12:30 PM | Address by Dr. Sibsankar Das, Assistant Professor in Vegetable Crops, Bidhan Chandra Krishi Viswavidyalaya, Burdwan Campus; Topic: The Potential of Vegetable crops and natural farming in the context of Purba Bardhaman District, West Bengal |
| 12:30 PM – 01:15 PM | Address by Mrs. Nandini Roy, Mentor, ICRO Amrit Internship, IPL Foundation |
| 01:15 PM – 02:00 PM | Lunch break |
| 02:00 PM – 02:45 PM | Address by Mr. Subhankar Saha, Lecturer, Centre for Cooperative Management, Barsul; Topic: Role of Cooperative Movement in Uplifting Farmers' Livelihood with Special Emphasis on Farmers Producer Organisation. |
| 02:45 PM – 03:45 PM | Hands on session on registration of interns, filling questionnaires and E-learning modules by Dr. Abhijit Roy, Coordinator and Dr. Kiran Kumar Roy, Co-coordinator of the program |
| 03:45 PM – 04:15 PM | Tea and Refreshments |
| 04:15 PM – 04:45 PM | Q & A session by Dr. Abhijit Roy, Coordinator and Dr. Kiran Kumar Roy, Co-Coordinator |
| 04:45 PM – 05:00 PM | Valedictory Address |

Registration of Interns:

The program started on time with interns' registration in the online portal. This time slot of about two hours. Mrs Nandini Roy, Mentor, IPL Foundation facilitated the interns in their registration process. The registration had two parts, one is for the internship program and the other is for the e-learning portal. All students were individually attended to complete the registration process successfully.



Inaugural Program:

Inaugural program started the felicitation of the dignitaries on the dais followed by the lighting of the lamp ceremony. After that Dr. Amal Kumar Ghosh delivered the welcome address. Dr. Amal Kumar Ghosh, cordially welcome all the dignitaries and interns and outlined the broader



Photo 2: Felicitation of dignitaries (clockwise): Dr. Amal Kr. Ghosh, Mrs Nandini Roy, Dr. Sibsankar Das, Mr. Subhankar Saha, Dr. Lakshman Ch. Patel



Photo 3: Lighting of the Lamp Ceremony

Expectations of the project. Dr Ghosh has given his best wishes for all the interns for the success of the project.



Photo 4: Welcome address by Dr. Amal Kumar Ghosh, Principal, Dr. BNDS Mahavidyalaya

After the welcome address by the Principal, Dr. Rajeev Ranjan, , Senior Advisor, IPL Foundation graced the occasion joining the program online. Dr. Rajeev Ranjan has observed the program online.

The technical session started with the lecture of Dr. Lakshman Chandra Patel, Assistant Professor in Agricultural Entomology, Bidhan Chandra Krishi Viswavidyalaya, Burdwan Campus. The main topic of the discussion was cropping pattern and soil health in Purba Bardhaman District, West Bengal. In his very rich deliberation Dr. Patel not only addressed the technicalities of the issue in lucid manner but also gave a lot of insight on multiple aspects of agriculture like soil health, fertilizer, land types, irrigation etc. Interns got invaluable insights from his deliberation.

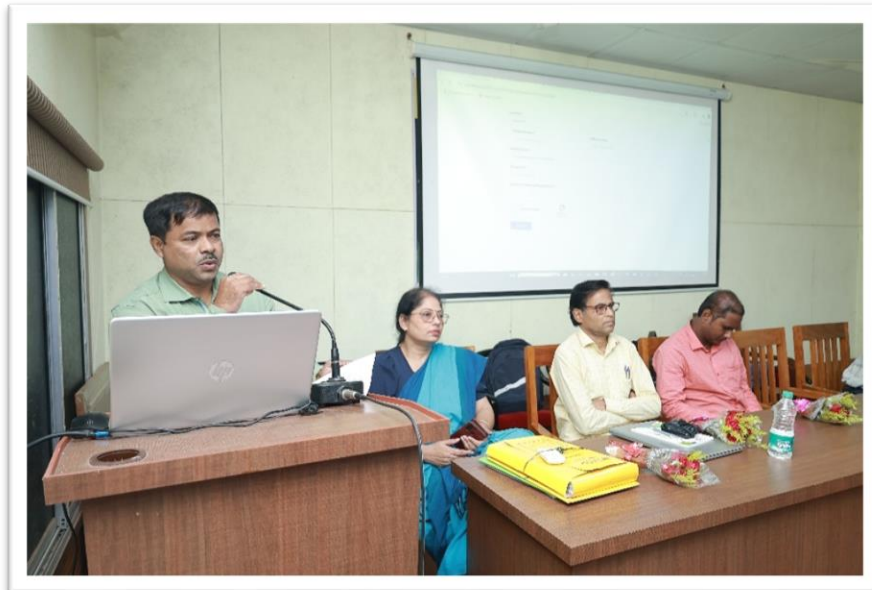


Photo 5: Technical session by Dr. Lakshman Chandra Patel, Assistant Professor in Entomology, Bidhan Chandra Krishi Viswavidyalava

The next technical session was conducted by Dr. Sibsankar Das, Assistant Professor in Vegetable Crops, Bidhan Chandra Krishi Viswavidyalaya, Burdwan Campus. The broad area of lecture of Dr Das was on the potential of vegetable crops and natural farming in the context of Purba Das Das was on the potential of vegetable crops and natural farming in the context of Purba Bardhaman District, West Bengal. Dr. Das has even stretched further and included the facets of horticulture along with the entrepreneurial aspects of farming in his lecture. Dr. Das has shared multiple cases and success stories of farming at the commercial scale that has motivated all of us.



Photo 6: Technical session by Dr. Sibsankar Das, Assistant Professor in Vegetable Crops, Bidhan Chandra Krishi Viswavidyalaya

The next session before the lunch break was delivered by Mrs. Nandini Roy, Mentor, IPL Foundation. Mrs. Roy has focused her lecture mainly on different aspects of internship where she has covered the objective of the program, expectations from the interns, requirement of ethical standards along with the challenges that they may face during the survey and how to handle the same. She has focused vividly on the learning aspects of internship through different e-learning modules along with the survey work. The session was rich and full of first-hand information which was very useful for the interns.



Photo 7: Session by Mrs. Nandini Roy, Mentor, IPL Foundation

The post lunch technical session was conducted by Mr. Subhankar Saha, Lecturer, Centre for Cooperative Management, Barsul, Purba Bardhaman. The session of Mr. Saha was very interactive and interesting. He was up to talk on the role of cooperative movement in uplifting farmers' livelihood with special emphasis on farmers producer organisation. He has extended his lecture around multiple aspects of cooperatives and could very well explained the concept of cooperative in nutshell, its opportunities, problems and how important this is for the upliftment of poor. The session was very interesting with lots of examples and anecdotes to the importance of cooperatives in the lives of farmers.



Photo 8: Technical Session by Mr. Subhankar Saha, Lecturer, Centre for Cooperative Management, Barsul, Purba Bardhaman

We have concluded the technical sessions with the Q&A from the interns followed by the hands-on session on registration, using e-learning modules and questionnaire-based survey by Dr. Abhijit Roy, Coordinator and Dr. Kiran Kumar Roy, Co-Coordinator of the program. As the majority of the discussions around questionnaire and survey was conducted in the pre-orientation program on 23.10.24, the final session was mainly on the procedural aspects of the internship. The program of the day ended with the formal vote of thanks to the dignitaries and all the personas associated with the program.



Photo 9: Q&A Session



Photo 10: Hands-on session by Dr. Abhijit Roy, Coordinator and Dr. Kiran Kumar Roy, Co-

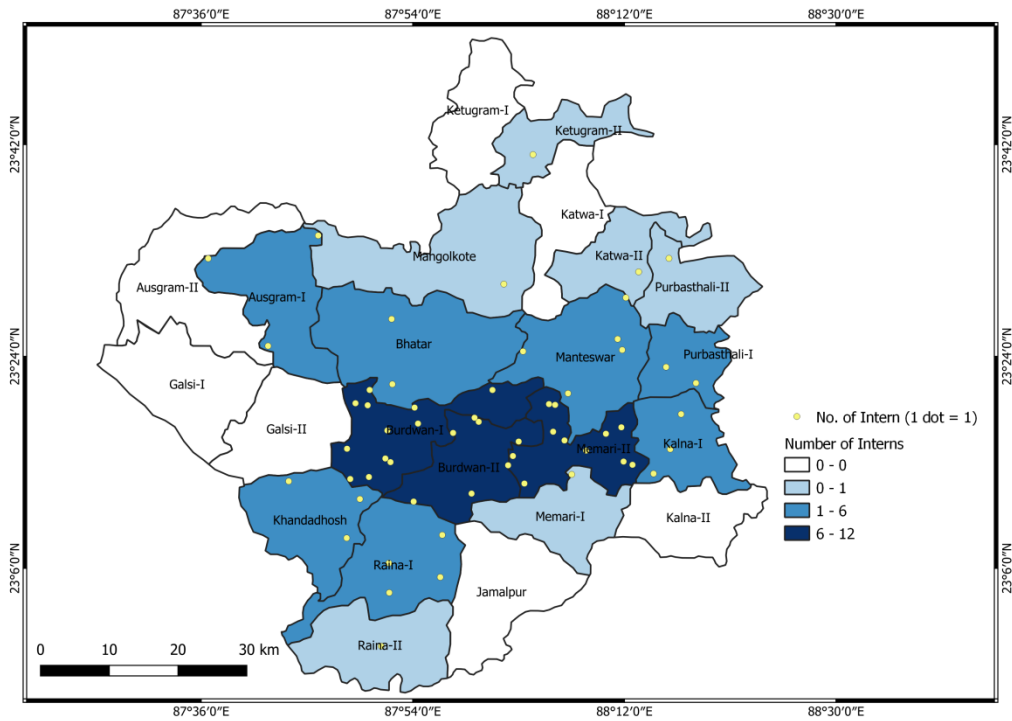
Major Outcomes:

The following outcomes are obtained from this orientation program

- Interns are able to get a concrete idea about the objectives of this internship.
- Interns get an idea of how to manage the challenges they face while conducting survey in accordance with ethical standards.
- Through this program they got an idea about the various aspects of internship with the help of e-learning modules.
- With the help of this program, interns are informed about the various aspects of agriculture i.e. cropping pattern, soil health, fertilizers and land types in Purba Bardhaman district.
- They got an idea about the potential vegetable crops and natural farming at Purba Bardhaman district. They also got inspiration to engage in commercial farming in future.
- Interns get idea about the role of co-operative society for the improvement of agriculture as well as farmers' livelihoods.
- The interns get valuable insights into how they could conduct a survey with help of the members of co-operative society.

Annexure

Annexure 1: Brief Overview of District Profile and Interns Concentration



| | |
|---------------------------------------|---|
| Area of Purba Bardhaman district | 5432 sq. kms. |
| Population Density (2011) | 890/sq. kms |
| Number of Blocks | 23 |
| Major crops | Rice, Potato, Vegetables |
| Number of Blocks covered under survey | 16 |
| Number of Interns | 59 (Male: 35, Female: 24) |
| Blocks with high density of interns | Burdwan -I, Burdwan II, Memari - II |
| Blocks with low density of interns | Katwa – II, Mangolkote, Purbasthali – II, Memari – I, Ketugram-II, Raina-II |

Annexure 2: List of interns, Purba Bardhaman

| Sl No. | Name of Intern | College Name | Desired Block for Survey |
|---------------|-----------------------|---------------------|---------------------------------|
| 1 | Saheli Kundu | Guskara College | Ausgram-I |
| 2 | Monalisa Khatun | Guskara College | Bhatar |
| 3 | Sanjeevan Karmakar | Guskara College | Ausgram-I |
| 4 | Sudipta Barick | Guskara College | Bhatar |
| 5 | Arpita Ghosh | Guskara College | Ausgram-I |
| 6 | Rupsa Mondal | Guskara College | Ausgram-I |
| 7 | Nanigopal Mondal | Katwa College | Katwan-II |
| 8 | Tanmoy Dey | Katwa College | Purbasthali-II |
| 9 | Soumita Sinha | Katwa College | Ketugram-II |
| 10 | Rokeya Khatun | Katwa College | Mangolkote |
| 11 | Ayon Biswas | GM Roy College | Moteswar |
| 12 | Suhita Ghosh | GM Roy College | Memari-II |
| 13 | Sourav Dawn | GM Roy College | Moteswar |
| 14 | Mouli Acharya | GM Roy College | Memari-II |
| 15 | Sk Nasrin | GM Roy College | Purbasthali-I |
| 16 | Mandira Das | GM Roy College | Moteswar |
| 17 | Lalmohan Mandi | GM Roy College | Purbasthali-I |
| 18 | Keya Khatun | GM Roy College | Moteswar |
| 19 | Sudip Ghosh | DBNDISM | Burdwan-I |
| 20 | Alamgir Hazari | Burdwan Raj College | Khandaghosh |
| 21 | Kumkum Bag | DBNDISM | Kalna-I |
| 22 | Soma Hansda | DBNDISM | Burdwan-I |
| 23 | Sandip Pal | DBNDISM | Memari-II |
| 24 | Miran Mondal | DBNDISM | Burdwan-II |
| 25 | Jayita Sal | DBNDISM | Memari-II |
| 26 | Anima Saren | DBNDISM | Burdwan-II |
| 27 | Swarnalata Murmu | DBNDISM | Memari-II |
| 28 | Rima Hansda | DBNDISM | Burdwan-II |
| 29 | Sumona Chakraborty | DBNDISM | Burdwan-I |
| 30 | Amit Biswas | DBNDISM | Memari-I |
| 31 | Aviroop Nandi | DBNDISM | Burdwan-I |

| | | | |
|----|---------------------|---------------------|-------------|
| 32 | Rajkumar Mohanta | DBNDMSM | Burdwan-I |
| 33 | Ayan Dey | Burdwan Raj College | Burdwan-I |
| 34 | Debiprasad Dawn | Burdwan Raj College | Khandaghosh |
| 35 | Nasimullah Hazari | Burdwan Raj College | Khandaghosh |
| 36 | Satyabrata Ghosh | GM Roy College | Moteswar |
| 37 | Sayan Koley | Burdwan Raj College | Raina-I |
| 38 | Swadhin Roy | Burdwan Raj College | Raina-I |
| 39 | Rahul Kundu | Shyamsundar College | Raina-II |
| 40 | Soumyajit Haldar | DBNDMSM | Burdwan-I |
| 41 | Soumo Banerjee | Burdwan Raj College | Raina-I |
| 42 | Rimika Pal | DBNDMSM | Burdwan-I |
| 43 | Subhadip Dey | Burdwan Raj College | Raina-I |
| 44 | Shubhadip Sen | DBNDMSM | Kalna-I |
| 45 | Nasrin Parvin | DBNDMSM | Burdwan-II |
| 46 | Enakshi Chatterjee | DBNDMSM | Burdwan-I |
| 47 | Ananya Adhikary | DBNDMSM | Burdwan-II |
| 48 | Manisha Let | DBNDMSM | Burdwan-I |
| 49 | Marshal Mandi | DBNDMSM | Burdwan-I |
| 50 | Arunima Pramanik | DBNDMSM | Memari-II |
| 51 | Ashok Roy | DBNDMSM | Memari-II |
| 52 | Dibyendu Ghosh | DBNDMSM | Memari-II |
| 53 | Rupchand Malik | DBNDMSM | Memari-II |
| 54 | Sagar Ali sk | DBNDMSM | Memari-II |
| 55 | Bishnu Bauri | DBNDMSM | Burdwan-II |
| 56 | Sitangshu Pan | DBNDMSM | Kalna-I |
| 57 | Kousik Bhattacharya | DBNDMSM | Memari-II |
| 58 | Ritam Hati | DBNDMSM | Burdwan-II |
| 59 | Suvadeep Mallick | DBNDMSM | Burdwan-I |

Annexure 3: Attendance Sheet of Orientation Program

ICRO Amrit Internship Program Orientation Program (Purba Bardhaman)

Attendance Sheet

Date: 09.11.2024

| Sl No. | Name of Intern | Desired Block for Survey | Signature |
|--------|--------------------|--------------------------|--------------------|
| 1 | Saheli Kundu | Ausgram-I | Saheli Kundu |
| 2 | Monalisa Khatun | Bhatar | Monalisa Khatun |
| 3 | Sanjeevan Karmakar | Ausgram-I | Sanjeevan Karmakar |
| 4 | Sudipta Barick | Bhatar | Sudipta Barick. |
| 5 | Arpita Ghosh | Ausgram-I | Arpita Ghosh |
| 6 | Rupsa Mondal | Ausgram-I | Rupsa Mondal |
| 7 | Nanigopal Mondal | Katwan-II | Nani Gopal Mondal. |
| 8 | Tanmoy Dey | Purbasthali-II | Tanmoy Dey |
| 9 | Soumita Sinha | Ketugram-II | Soumita Sinha |
| 10 | Rokeya Khatun | Mangolkote | Rokeya Khatun |
| 11 | Ayon Biswas | Moteswar | Ayon Biswas |
| 12 | Suhita Ghosh | Memari-II | Suhita Ghosh |
| 13 | Sourav Dawn | Moteswar | Sourav Dawn. |
| 14 | Mouli Acharya | Memari-II | Mouli Acharya |
| 15 | Sk Nasrin | Purbasthali-I | Sk Nasrin |
| 16 | Mandira Das | Moteswar | Mandira Das |
| 17 | Lalmohan Mandi | Purbasthali-I | Lalmohan Mandi |
| 18 | Keya Khatun | Moteswar | Keya Khatun |
| 19 | Sudip Ghosh | Burdwan-I | Sudip Ghosh |
| 20 | Alamgir Hazari | Khandaghosh | Alamgir Hazari |
| 21 | Kumkum Bag | Kalna-I | Kumkum Bag |
| 22 | Soma Hansda | Burdwan-I | Soma Hansda |
| 23 | Sandip Pal | Memari-II | Sandip Pal |
| 24 | Miran Mondal | Burdwan-II | Miran Mondal |
| 25 | Jayita Sal | Memari-II | Jayita Sal |
| 26 | Anima Saren | Burdwan-II | Anima Saren |
| 27 | Swarnalata Murmu | Memari-II | Swarnalata Murmu |
| 28 | Rima Hansda | Burdwan-II | Rima Hansda |
| 29 | Sumona Chakraborty | Burdwan-I | Sumona Chakraborty |
| 30 | Amit Biswas | Memari-I | Amit Biswas |
| 31 | Aviroop Nandi | Burdwan-I | Aviroop Nandi |

| | | | |
|----|---------------------|-------------|---------------------|
| 32 | Rajkumar Mohanta | Burdwan-I | Rajkumar Mahanta. |
| 33 | Ayan Dey | Burdwan-I | Ayan Dey |
| 34 | Debiprasad Dawn | Khandaghosh | Debiprasad Dawn. |
| 35 | Nasimullah Hazari | Khandaghosh | Nasimulla Hazari |
| 36 | Satyabrata Ghosh | Moteswar | Satyabrata Ghosh |
| 37 | Sayan Koley | Raina-I | Sayan Koley. |
| 38 | Swadhin Roy | Raina-I | Swadhin Roy |
| 39 | Rahul Kundu | Raina-II | Rahul Kundu. |
| 40 | Soumyajit Haldar | Burdwan-I | Soumyajit Haldar |
| 41 | Soumo Banerjee | Raina-I | Soumo Banerjee . |
| 42 | Rimika Pal | Burdwan-I | Rimika Pal |
| 43 | Subhadip Dey | Raina-I | Subhadip Dey |
| 44 | Shubhadip Sen | Kalna-I | Shubhadip Sen |
| 45 | Nasrin Parvin | Burdwan-II | Nasrin Parvin |
| 46 | Enakshi Chatterjee | Burdwan-I | Enakshi chatterjee. |
| 47 | Ananya Adhikary | Burdwan-II | Ananya Adhikary. |
| 48 | Rukshar Khatun | Burdwan-I | Absent |
| 49 | Manisha Let | Burdwan-I | Manisha Let |
| 50 | Marshal Mandi | Burdwan-I | Marshal Mandi. |
| 51 | Arunima Pramanik | Memari-II | Arunima Pramanik |
| 52 | Ashok Roy | Memari-II | Ashok Roy |
| 53 | Dibyendu Ghosh | Memari-II | Dibyendu Ghosh |
| 54 | Rupchand Malik | Memari-II | Rupchand Malik . |
| 55 | Sagar Ali sk | Memari-II | Sagar Ali SK |
| 56 | Bishnu Bauri | Burdwan-II | Bishnu Bauri |
| 57 | Sitangshu Pan | Kalna-I | Sitangshu Pan |
| 58 | Kousik Bhattacharya | Memari-II | Kousik Bhattacharya |
| 59 | Ritam Hati | Burdwan-II | Ritam Hati |
| 60 | Suvadeep Mallick | Burdwan-I | Suvadeep Mallick. |