

# **Work Shops Conducted by Microbiology Group**

## **ADVANCE TRAINING PROGRAM**

November – December; 2006

The participants were mostly graduates preferably with some exposure of microbiology.

The program was divided into module to match the skill of the participants. The total number of participants in each module was kept within 25 to ensure proper mentoring of the participants. A total of participants trained under this program were 71 in four separate modules. Module 1 was with main emphasis on Microbiology and biochemical analysis in connection with Biotechnology, Module 2 was with emphasis on Microbiology, module 3 was with emphasis on Molecular biology while Module 4 was an amalgamation of all three. The program provided all course material including boarding and lodging.

The program consisted of

1. Theoretical lectures followed by demonstration by trainers and hands on trial by individual participants of each section of technology (microbiology, biotechnology, bioinformatics, molecular biology): It was carried out in the Department of Biotechnology, at the WBUT campus. It included exposure to different areas of biotechnology and microbiology that could lead to entrepreneur venture; role of opensource in the retrieval of information; bioinformatics based search for potential target; experimental verification of the prediction; characterization of the isolates; etc. The exposure to microbiology and biotechnology was given by Prof A R Thakur, Prof T B Samanta, Dr S Ray Chaudhuri, Dr A Chakraborty; the practical training was imparted by Ms S Chowdhury, Ms M Mishra, Mr A Mukherjee. Role of opensource and bioinformatics was explained by Mrs N Nissa, Ms A Banerjee, Mr S Supakar.
2. Business training module and business plan: This was carried out at WBUT. This module was coordinated by Prof A Sarkar of WBUT. The others involved in the training were Prof S Chowdhury, Mr Arif Ahmed, Ms Veena Hingarh. It mostly consisted of introduction to concept of business plan and usage, components of business plan, writing a business plan and basic financial computations.
3. Lecture followed by interactive session with entrepreneur: It was carried out by Mr I DasGupta, Chief Technical Architect and Cofounder of opensource based L2C2 Technologies.

### **LIST OF PARTICIPANTS**

<b>S. No.</b>	<b>Name</b>	<b>Qualification</b>	<b>Address</b>
1	Dilip Kr Pramanik*	Graduate (B.Sc.)	Kalyanpur, CASA Foundation
2	Sanat Sardar*	Graduate	Kalyanpur, CASA Foundation
3	Chameli Purokayet*	Persuing Graduation (B.A. 1 <sup>st</sup> year)	Kalyanpur, CASA Foundation
4	Tanushree Modok*	Undergraduate	Kalyanpur, CASA Foundation
5	Nilima Halder*	Graduate	Kalyanpur, CASA Foundation
6	Arup Sanpui*	Undergraduate	Kalyanpur, CASA Foundation
7	Anal Kanti Mandol*	Undergraduate	Kalyanpur, CASA Foundation
8	Dipankar Sanfui*	Graduate (B.Sc.)	Kalyanpur, CASA Foundation
9	Jai Kumar Mandol*	Undergraduate	Kalyanpur, CASA Foundation
10	Debabrata Mandol*	Undergraduate	Kalyanpur, CASA Foundation
11	Pranab Ghosh*	Undergraduate	Kalyanpur, CASA Foundation
12	Brehaspaty Halder*	Undergraduate	Kalyanpur, CASA Foundation
13	Monika Sapui*	Undergraduate	Kalyanpur, CASA Foundation
14	Chandana Halder*	Undergraduate	Kalyanpur, CASA Foundation
15	Sudipta Halder*	Undergraduate	Kalyanpur, CASA Foundation
16	Anthony Das*	Undergraduate	Kalyanpur, CASA Foundation
17	Amit Mandol*	Undergraduate	Kalyanpur, CASA Foundation
18	Suman Kalyan Kayet*	Undergraduate	Kalyanpur, CASA Foundation
19	Atanu Mandal	Persuing M.Sc. Microbiology	Sri Kishan Vakant Lane, Howrah-711101
20	Arnab Maiti	Persuing M.Sc. Microbiology	Sealdah, Kolkata-12
21	Payal Deb	Persuing M.Sc. Microbiology	Kolkata-32
22	Arita Das	Persuing M.Sc. Microbiology	Nivedita Park, Kolkata-41
23	Mahua Rani Das	Persuing M.Sc. Microbiology	Haridevpur, Kolkata-82
24	Anindita Mukherjee	Persuing M.Sc. Microbiology	Shibpur, Howrah-711102
25	Auditi Deb Roy	Persuing M.Sc. Microbiology	Selimpur Road, Kolkata-31
26	Gopal Krishna Purohit	Persuing M.Sc. Microbiology	Berhampur
27	Gyanendra Pradhan	Persuing M.Sc. Microbiology	Berhampur

<b>S. No.</b>	<b>Name</b>	<b>Qualification</b>	<b>Address</b>
28	Ananta Narayan Panda	Persuing M.Sc. Microbiology	Berhampur
29	Anjana Devi Sahu	Persuing M.Sc. Microbiology	Berhampur
30	Puspanjali Sahu	Persuing M.Sc. Microbiology	Berhampur
31	Anand Kumar Sahu	Persuing M.Sc. Microbiology	Berhampur
32	Sarita Devi	Persuing M.Sc. Microbiology	Berhampur
33	Chaitali Das	M.Sc Biotechnology,	Teaching at College of Pharmaceutical Sciences, Berhampur
34	Debleena Ray	Persuing M.Sc Microbiology	Harinavi, Kolkata-148
35	Priyanka Singh	Persuing M.Sc. in Industrial Biotechnology	Gandhi Institute of Basic Sciences, Gunupur
36	Priyanka Pusp	Persuing M.Sc. in IB	Gandhi Institute of Basic Sciences, Gunupur
37	Vikas Ranjan	Persuing M.Sc. in IB	Gandhi Institute of Basic Sciences, Gunupur
38	Gitanjali Sahoo	Persuing M.Sc. in IB	Gandhi Institute of Basic Sciences, Gunupur
39	Kedari Beborta	Persuing M.Sc.	Gandhi Institute of Basic Sciences, Gunupur
40	Nirmalya Prasad Sadangi	Persuing M.Sc.	Gandhi Institute of Basic Sciences, Gunupur
41	Swarupa Kumar Behera	Persuing M.Sc.	Gandhi Institute of Basic Sciences, Gunupur
42	M. Nagamani	Persuing M.Sc.	Gandhi Institute of Basic Sciences, Gunupur
43	Meeralini Khatua	Persuing M.Sc.	Gandhi Institute of Basic Sciences, Gunupur
44	Rashmi Patnaik	Persuing M.Sc.	Gandhi Institute of Basic Sciences, Gunupur
45	Sushil Kumar Panigrahi	Persuing M.Sc.	Gandhi Institute of Basic Sciences, Gunupur
46	Saurabh Jyoti Sarma	Persuing M.Sc. in Biotechnology	Gandhi Institute of Basic Sciences, Gunupur

<b>S. No.</b>	<b>Name</b>	<b>Qualification</b>	<b>Address</b>
47	Mithlesh Kumar Pandey	Persuing M.Sc. in Biotechnology	Gandhi Institute of Basic Sciences, Gunupur
48	Sanat Kumar Mohanty	Persuing M.Sc. in Biotechnology	Gandhi Institute of Basic Sciences, Gunupur
49	Debmalya Basu	Persuing M.Sc. in Biotechnology	Gandhi Institute of Basic Sciences, Gunupur
50	Subhasis Maiti	Persuing M.Sc. in Biotechnology	Gandhi Institute of Basic Sciences, Gunupur
51	Prabhat Moharana	Persuing M.Sc. in Biotechnology	Gandhi Institute of Basic Sciences, Gunupur
52	Santosh Kumar Jha	Persuing M.Sc. in Biotechnology	Gandhi Institute of Basic Sciences, Gunupur
53	Biswajit Basak	Persuing M.Sc. in Biotechnology	Gandhi Institute of Basic Sciences, Gunupur
54	Arvinder Singh	Persuing M.Sc. in Biotechnology	Gandhi Institute of Basic Sciences, Gunupur
55	Hriday Krishna Dutta	Persuing M.Sc. in Biotechnology	Gandhi Institute of Basic Sciences, Gunupur
56	Suryatapa Ghosh Ray	Persuing M.Sc.	Sikkim Manipal Institute, Kolkata
57	Debmalya Barua	Persuing M.Sc.	Sikkim Manipal Institute, Kolkata
58	Santu Sikdar	Persuing M.Sc.	Sikkim Manipal Institute, Kolkata
59	Atanu Goswami	Persuing M.Sc.	Sikkim Manipal Institute, Kolkata
60	Preeti Purohit	Persuing M.Sc.	Sikkim Manipal Institute, Kolkata
61	Arpita Mukhopadhyay	Persuing M.Sc.	Sikkim Manipal Institute, Kolkata
62	Mona Bharti	Persuing M.Sc.	Sikkim Manipal Institute, Kolkata
63	Shagufta Parveen	Persuing M.Sc.	Sikkim Manipal Institute, Kolkata
64	Ananya Lahiri	Persuing M.Sc.	Sikkim Manipal Institute, Kolkata
65	Lily Chakraborty	Persuing M.Sc.	Sikkim Manipal Institute, Kolkata
66	Tanima Chakraborty	Persuing M.Sc.	Sikkim Manipal Institute.

<i>S. No.</i>	<i>Name</i>	<i>Qualification</i>	<i>Address</i>
			Kolkata
67	Antara Bhattacharya	Persuing M.Sc.	Sikkim Manipal Institute, Kolkata
68	Arindam Datta	Persuing M.Sc.	Sikkim Manipal Institute, Kolkata
69	Dipankar Roy	Persuing M.Sc.	Sikkim Manipal Institute, Kolkata
70	Tanwir Parvez	Persuing M.Sc.	Sikkim Manipal Institute, Kolkata
71	Meghna Moitra	Persuing M.Sc.	Sikkim Manipal Institute, Kolkata

\* These participants are actually involved in honey collection and its trade within India. They come from the area of Baruipur which happens to be the largest wholesale market for honey for the eastern region of our country.

## **Itinerary for the Program**

**Date:** 17<sup>th</sup> Nov to 8<sup>th</sup> December 2006

**Venue:** West Bengal University of Technology  
BF-142, sector 1, Salt Lake,  
Kolkata-700064

Module I

**Quality assessment of honey**

17<sup>th</sup> to 19<sup>th</sup> Nov 2006

**17<sup>th</sup> Nov 2006:**

10.30-11.00AM	Registration
11.00-11.15AM	Inauguration speech (Prof. AR Thakur),
11.15-4.00PM	Wetlab (Prof T B Samanta, Mr Avik Mukherjee, Ms Madhusmita Mishra) Diastase activity, Hydroxymethyl furfural, Moisture content, pH.
01.30-02.00PM	Lunch
04.00PM	Tea and snacks

**18<sup>th</sup> Nov 2006:**

11.00-4.00AM	Wetlab (Prof A R Thakur, Dr S Ray Chaudhuri, Mr Avik Mukherjee, Ms Madhusmita Mishra)
01.30-02.00PM	Lunch
04.00PM	Tea and snacks

**19<sup>th</sup> Nov 2006:**

11.00AM-12.00PM	Analysis of result for microbial test (Dr S Ray Chaudhuri)
12.00-01.00PM	Preservation method (Prof. A R Thakur)
01.00PM	Validitary session

Module II

**Microbiology based Biotechnology product development**

21<sup>st</sup> to 27<sup>th</sup> November 2006

**21<sup>st</sup> November 2006:**

10.30-11.00AM	Registration
11.00-11.30AM	Inauguration speech (Prof. A.R. Thakur), Introduction to the program (Dr S Ray Chaudhuri)
11.30-12.30PM	Free software – your competitive edge in a globalized society (Mr I Das Gupta)
12.30-01.30PM	Wetlab (Dr S Ray Chaudhuri)
01.30 to 02.00PM	Lunch
02.00- 04.30PM	Microbial Screening Lab (Dr S Ray Chaudhuri)
04.30PM	Tea and snacks

**22<sup>nd</sup> November 2006:**

10.30-11.30AM	Microbial Biodiversity from East Calcutta Wetland (Prof A R Thakur)
11.30-12.30PM	Medicinal Plant (Ms A Banerjee)
12.30-01.30PM	Screening of database (Mr S Supakar)
01.30 to 02.00PM	Lunch

10.30-11.30AM	Microbial Biodiversity from East Calcutta Wetland (Prof A R Thakur)
02.00- 03.00PM	Bioinformatics Lab (Mr S Supakar)
03.00- 04.30PM	Biotechnology Lab (Dr S Ray Chaudhuri)
04.30PM	Tea and snacks

**23<sup>th</sup> November 2006:**

10.30-11.30AM	Bioprospecting (Dr S Ray Chaudhuri)
11.30-12.30PM	Wetlab (Dr S Ray Chaudhuri)
12.30-01.30PM	Wetlab (Dr S Ray Chaudhuri)
01.30-02.00PM	Lunch
02.00-03.00PM	Wetlab (Dr S Ray Chaudhuri)
03.00-04.30PM	Wetlab (Dr S Ray Chaudhuri)
04.30PM	Tea and snacks

**24<sup>th</sup> November 2006:**

10.30-11.30AM	Introduction to concepts of Business Plan and Usage (Prof A Sarkar/ Mr Arif Ahmed)
11.30-12.30PM	Components of Business Plan (Mr Arif Ahmed/ Ms Veena Hingarh)
12.30-01.30PM	Lunch
01.30-02.30PM	Writing a Business Plan (Mr Arif Ahmed/ Ms Veena Hingarh)
02.30-03.30PM	Basic Financial Computations (Mr Arif Ahmed/ Ms Veena Hingarh)
03.30-04.30PM	Wetlab (Dr S Ray Chaudhuri)
04.30PM	Tea and Snacks

**25<sup>th</sup> November 2006:**

10.30-11.30AM	Biofertilizer (Prof T B Samanta)
11.30-12.30PM	Model scheme for production, quality control and application of Biofertilizer – I (Dr A Chakraborty)
12.30-01.30PM	Model scheme for production, quality control and application of Biofertilizer – I (Dr A Chakraborty)
01.30-02.00PM	Lunch
02.00-03.00PM	WetLab (Dr A Chakraborty)
03.00-04.30PM	Wetlab (Dr A Chakraborty)
04.30PM	Tea and Snacks

**26<sup>th</sup> November 2006:**

10.30-11.30AM	Digital Library (Mrs N Nissa)
11.30-12.30PM	Model scheme for production, quality control and application of Biofertilizer – II (Dr A Chakraborty)
12.30-01.30PM	Model scheme for production. quality control and application of

10.30-11.30AM	Digital Library (Mrs N Nissa)
	Biofertilizer – II (Dr A Chakraborty)
01.30-02.00PM	Lunch
02.00-03.00PM	WetLab (Dr A Chakraborty)
03.00-04.30PM	Wetlab (Dr S Ray Chaudhuri)
04.30PM	Tea and Snacks

**27<sup>th</sup> November 2006:**

02.00-03.00PM	Valedictory Session
03.30PM	Tea and Snacks.

Module III  
**Molecular Biology: Basic Training**  
 28<sup>th</sup> November to 13<sup>th</sup> December 2006

28 <sup>th</sup> Nov: 10.00-06.00PM	Lecture on the different expts. – an overview. Preparation for sterilization, autoclave all labwares.
29 <sup>th</sup> Nov: 10.00-06.00PM	Media preparation, plate pouring (both LB and LB+amp), plate streaking (few) for single colony isolation
30 <sup>th</sup> Nov: 10.00-06.00PM	Solutions sterilization (for prep. of competent cells), plate streaking (all repeat) for single colony isolation
4 <sup>th</sup> Dec: 10.00-06.00PM	Transformation (plasmid DNA):- few plates, single colony inoculation for competent cell prep.
5 <sup>th</sup> Dec: 10.00-06.00PM	Preparation of competent cells by CaCl <sub>2</sub> method.
6 <sup>th</sup> Dec: 10.00-06.00PM	Check transformation efficiency, inoculation for plasmid prep.
7 <sup>th</sup> Dec: 10.00-06.00PM	Plasmid DNA prep
8 <sup>th</sup> Dec: 10.00-06.00PM	Agarose gel electrophoresis for plasmid DNA, DNA spectrum
11 <sup>th</sup> Dec: 10.00-06.00PM	DNA spectrum, Restriction digestion
12 <sup>th</sup> Dec: 10.00-06.00PM	Agarose gel electrophoresis for DNA digestion check, Polymerase Chain Reaction (PCR)
13 <sup>th</sup> Dec: 10.00-06.00PM	PCR product analysis

Module IV



# Microbiology, Molecular Biology and Biotechnology: Entrepreneur Product Development

4<sup>th</sup> to 8<sup>th</sup> December 2006

## 4<sup>th</sup> December 2006:

10.00-10.30AM	Registration
10.30-11.30AM	Cloning of Genes in Plasmid as well as metagenomics using BAC (Prof. A.R. Thakur),
11.30-12.30PM	Microbial Genetic Resource Mapping to Bioprospecting at East Calcutta Wetland (Dr S Ray Chaudhuri)
12.30-01.30PM	Free software – your competitive edge in a globalized society (Mr I Das Gupta)
01.30 to 02.00PM	Lunch
02.00 to 04.30PM	<ol style="list-style-type: none"> <li>4. Environmental and food sample analysis</li> <li>5. Pulse Field Plug Preparation</li> </ol> (Ms S Chowdhury, Ms M Mishra, Mr A Mukherjee)
04.30PM	Tea

## 5<sup>th</sup> December 2006:

10.30-11.30AM	Medicinal Plant and screening of database (Ms A Banerjee and Mr S Supakar)
11.30-04.30PM	i)Pulse Field Gel Electrophoresis run <ol style="list-style-type: none"> <li>1. PCR</li> <li>2. Result Analysis</li> <li>3. Enzyme assay</li> </ol> (Ms S Chowdhury, Ms M Mishra, Mr A Mukherjee)
01.30 to 2.00PM	Lunch
4.30PM	Tea

## 6<sup>th</sup> December 2006:

10.30AM-12.30PM	Plasmid isolation by modified alkali lysis method (Ms S Chowdhury, Ms M Mishra, Mr A Mukherjee)
12.30-01.30PM	Microbial model for mammalian drug metabolism (Prof T B Samanta)
01.30-02.00PM	Lunch
02.00-04.30PM	PCR Product analysis, Mixing of additive to detergent , Dehairing of hide through conventional and enzyme (Ms S Chowdhury, Ms M Mishra, Mr A Mukherjee)
04.30PM	Tea

## 7<sup>th</sup> December 2006:

10.30AM-11.00AM	Introduction to concepts of Business Plan and Usage (Prof A Sarkar)
11.00-12.30PM	Components of Business Plan and Writing a Business Plan (Mr A Ahmed)
12.30-01.30PM	Dehairing Result (Ms S Chowdhury, Ms M Mishra, Mr A Mukherjee)

10.30AM-11.00AM	Introduction to concepts of Business Plan and Usage (Prof A Sarkar)
01.30-02.00PM	Lunch
02.00-04.30PM	Plasmid gel analysis and detergent efficiency testing. (Ms S Chowdhury, Ms M Mishra, Mr A Mukherjee)
04.30PM	Tea

**8<sup>th</sup> December 2006:**

10.30AM-11.30AM	Analysis of Result (Ms S Chowdhury, Ms M Mishra, Mr A Mukherjee)
11.30AM-12.30AM	Valedictory Lecture (Prof. Subir Chowdhury)
12.30-01.00PM	Valedictory session

## **Resource Person**

**Technical module:**

**Biotechnology/ Microbiology/ Molecular Biology**

Prof A R Thakur, Vice Chancellor, West Bengal University of Technology, BF-142, Sector 1, Salt Lake, Kolkata-700064.

Prof T B Samanta, Advisor, Department of Biotechnology, West Bengal University of Technology, BF-142, Sector 1, Salt Lake, Kolkata-700064.

Dr J Bandopadhyay, Lecturer, Department of Biotechnology, West Bengal University of Technology, BF-142, Sector 1, Salt Lake, Kolkata-700064.

Dr S Ray Chaudhuri, Lecturer, Department of Biotechnology, West Bengal University of Technology, BF-142, Sector 1, Salt Lake, Kolkata-700064.

Dr A Chakraborty, Project Officer, Department of Biotechnology, West Bengal University of Technology, BF-142, Sector 1, Salt Lake, Kolkata-700064.

Mr A Mukherjee, Research Scholar, Department of Biotechnology, West Bengal University of Technology, BF-142, Sector 1, Salt Lake, Kolkata-700064.

Ms S Chowdhury, Research Scholar, Department of Biotechnology, West Bengal University of Technology, BF-142, Sector 1, Salt Lake, Kolkata-700064.

Ms M Mishra, Research Scholar, Department of Biotechnology, West Bengal University of Technology, BF-142, Sector 1, Salt Lake, Kolkata-700064.

**Bioinformatics/ Opensource**

Ms A Banerjee, Project Officer, Department of Biotechnology, West Bengal University of Technology, BF-142, Sector 1, Salt Lake, Kolkata-700064.

Mr S Supakar, Project Officer, Department of Biotechnology, West Bengal University of Technology,

BF-142, Sector 1, Salt Lake, Kolkata-700064.

Mrs N Nissa, Librarian, West Bengal University of Technology, BF-142, Sector 1, Salt Lake, Kolkata-700064.

Mr I Das Gupta, Chief Technical Architect and Cofounder, L2C2 Technologies, AQ13/1, Salt Lake City, Sector V, Kolkata-700091.

**Business Module**

Prof A Sarkar, Director, School of Management and Natural Sciences, West Bengal University of Technology, BF-142, Sector 1, Salt Lake, Kolkata-700064.

Mr A Ahmed,

Ms Veena Hingarh,

Dr S Chowdhury, Former Director, Indian Institute of Management, Kolkata.

**EXPENDITURE**

<i>S.No</i>	<i>Item</i>	<i>Details</i>	<i>Amount(Rs)</i>
1.	Press release	Ganasakti (Display) October 2006	6,415.00
2.	Accommodation	Stay at Udayachal Tourist Lodge (17 <sup>th</sup> November till 8 <sup>th</sup> December 2006.	18,120.00
3.	Food	Breakfast, Lunch, Tea with Snacks and Dinner	23,420.38
4.	Honorarium	External Speakers (from outside WBUT)	6,000.00
5.	Chemicals and Consumables	For carrying out the technical training in the wetlab.	~1,03,749.00
6.	Miscellaneous	Printing manual in Bengali, Writing pads, pen, folders, photopaper for certificate.	2,042.00
Total			1,59,746.38

## **Hands on training on identification of plankton: indicator of water quality**

**2<sup>nd</sup>-5<sup>th</sup> oct**

**Speakers:** Dr. Shaon Ray Chaudhuri

**Technical Assistance:** Mr. Arunava Pradhan

**Organizing Assistance:**

Ms. Sanhita Chowdhury

Ms. Madhusmita Mishra

Ms. Poonam Nasipuri

Ms. Poulami Nandy

Ms. Sumana Das

**Participants:**

Ms. Sufia Khanam (EPRC Bangladesh)

Sanowar Hossain





## **Training on Whole Cell (Prokaryotic) Transmission Electron Microscopy** **26th to 29th Jan 2008**

### **Speakers:**

- Dr. Atanu Basu (National institute of Virology, Pune)
- Dr. Abhijit Chakraborty (Saha Institute of Nuclear Physics)
- Dr. Trivani Krishnan (National Institute of Cholera and Enteric Diseases)
- Dr. Dhira Rani Saha (National Institute of Cholera and Enteric Diseases)
- Dr. Amar Nath Ghosh (National Institute of Cholera and Enteric Diseases)
- Mr P K Ray (Saha Institute of Nuclear Physics)

### **Resource Person for Hands on Training:**

- Dr. Atanu Basu (National institute of Virology, Pune)
- Dr. Shaon Ray Chaudhuri (West Bengal University of Technology)
- Dr. Radhashree Maitra

### **Technical Assistance:**

Ms. Madhusmita Mishra  
Ms. Poulami Nandy



Mr. Indranil Dasgupta (Photography)

**Organising assistance:**

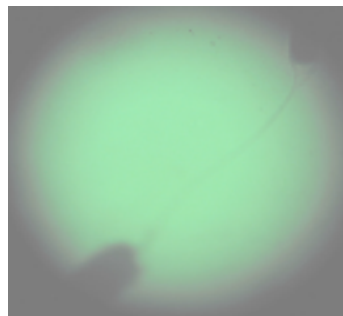
Ms. Madhusmita Mishra

Ms. Poulami Nandy

Ms. Sumana Das

Ms. Poonam Nasipuri

Participants: 108



Madhusmita Mishra  
 Poonam Nasipuri  
 Poulomi Nandy  
 Sumana Das  
 Pranami Bhaumik  
 Monali Sen  
 Sourav Pakrashi  
 Aditya Kumar Sarkar  
 Susmita Roy  
 Ananya Pal  
 Aritra Deb  
 Rachana Trivedi  
 Alka Agarwal  
 V Kohila  
 Sachin Kr. Singh  
 Nijendra Pratap Singh

Isha Rakheja  
 Sayantee Sahu  
 Debojyoti Chakraborty  
 Arimita Das  
 Amrita Mukherjee  
 Antara Das  
 Prahlad Singh  
 Priti Bala Singh  
 Haritha.G  
 Brindha.S  
 Deepa Paliwal  
 Susiharan G.S.  
 G Ganapathy  
 Anmol Kumar  
 Kumar P  
 Ankur Kulshreshtha

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 Ankush Karemore  
 Kaushal Prasad Mishra  
 Srimoyee  
 D. J. B.

S.Suvasish Lenka  
 Khirodini Majhi  
 Prachi Agarwal  
 Sidharth Sankar Ram



