



IDP Remedial Classes

Unique Alumni Supported Learning Endeavour



G. B. Pant University of Agriculture & Technology
Pantnagar 263145, Uttarakhand

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Institutional Development Plan
National Agricultural Higher Education Project
G. B. Pant University of Agriculture and Technology
Pantnagar 263145, Uttarakhand, India

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Publication Year: 2021

Published by:

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FOREWORD

The IDP-NAHEP project of Pantnagar has been making tremendous efforts to improve the academic learning outcomes of students. Multifarious novel initiatives were taken in this direction, however the remedial classes organized in this segment are an exemplary case of structured academic innovation. The approach towards the remedial classes, the format of the classes, and the coherent involvement of alumni and students is indeed unique. Structured interventions like this, lead to long term quality enhancements. I thus put forth my appreciation for the thought and effort of IDP-NAHEP team at Pantnagar. My good wishes for the furtherance and successful continuance of this unique endeavour.



(Tej Partap)

Vice-Chancellor

G.B. Pant University of Ag. and Tech.
Pantnagar

PREFACE

The project team of IDP-NAHEP, Pantnagar has always kept the mandate of innovation at forefront in all its activities and interventions. The concept of remedial classes as prevalent in the academic community was also given a touch of innovation when implemented by IDP-NAHEP, Pantnagar. With more than 1200 hours of classes and 400 plus beneficiaries, the remedial classes made an impressive impact on the academic performance of the students. The handholding of illustrious alumni not only helped in nurturing the students but also strengthened the alumni connect of the University. I convey my gratitude to all those alumni who took the toil to mentor the University students. I am hopeful that this alumni supported endeavour will result in more fruitful outcomes in the times to come.



S. K. Kashyap

(S.K. Kashyap)

PI, IDP-NAHEP

Dean, College of Agriculture

G.B. Pant University of Ag. and Tech.

Pantnagar

About IDP-NAHEP

The Institutional Development Plan of National Agricultural Higher Education Project popularly known as IDP-NAHEP is an ambitious plan of reforms in teaching and learning ecology of G.B. Pant University of Agriculture and Technology, Pantnagar through constructive disruptions. The IDP-NAHEP is a World Bank funded project and it aims towards development of higher order cognitive skills of undergraduate students and research and administrative excellence for faculty members through varied interventions. The IDP-NAHEP, Pantnagar provides opportunities to undergraduate students for national and international exposure, soft skills training and technical training in critical areas of choice, language skills in multiple foreign languages, virtual lab for 3D and virtual reality based learning, interaction with renowned experts across the world, entrepreneurship development through incubation centre, experiential learning through industry mentorship, practical exposure in advanced laboratories in the field of artificial intelligence, big data analytics and robotics in agriculture, short term paid internships, exclusive subject based remedial classes. Besides students, the faculty members will also be provided with an opportunity to update and enhance their proficiency and skills through exposure visits, international faculty exchange programmes and other workshops. The University Centre or NAHEP building is the focal point of the project with all required facilities for execution and monitoring of the project activities.

Remedial Classes by IDP-NAHEP, Pantnagar

Total Duration: 1200 Hours

Total Lectures: 553

Total Beneficiaries: 469

Total Alumni Mentors: 65

Total Course Modules: 12

Total College Covered: 4

**Total Faculty Members
in Coordination Committee: 10**

A Distinct Angle to the Concept of Remedial Classes

The concept and design behind the remedial classes

Remedial Classes were mandated under IDP-NAHEP, Pantnagar plan. However, the approach inculcated across at University level in implementation of remedial classes to bring significantly distinct outcome is a success case worth sharing. The concept of remedial classes has been a part of deficiency-enhancement system across the agricultural universities of India for decades. The issue was to incorporate a fresh strategy into the design to prepare students with futuristic goals for which IDP-NAHEP, Pantnagar worked intensively with broad framework. The team resolved that the higher education has always been a pathway to opportunity. In addition to academic programmes, educational institutes need to introduce innovative ways to set a bar that can add value to their degrees for further education or entry into the professional world. It was realized that the remedial teaching can help students to enhance their academic eminence through innovative and interactive approaches.

Each learner has a passion and they longed for how their future will be influenced by potential efforts. The goals of the IDP-NAHEP also focus on the creation and execution of new opportunities for students in the academic system to develop their professional skills, as well as the introduction of an institutional reform programme aimed at enhancing university academia. As popularly recognized, the idea of remedial classes spearheads the case of providing additional support for weaker students with their daily academic curriculum. The IDP Pantnagar team took this idea forward and extended its scope by providing support to all undergraduate students of Pantnagar University by adding stakeholders of students' choice to provide two-fold support, first by providing them fundamental clarity of the subject and second by equipping them with the best resources for competitive examination preparation. The client students opted for the illustrious recent alumni who have just crossed the milieu of national competitive examinations into their disciplines. The galaxy of such successful passouts were contacted, connected and invited to lead the remedial classes under a structured framework. This was a unique initiative by the Academic component of IDP- NAHEP, Pantnagar, to provide fundamental clarity as well as fulfil the competitive aspirations.

In the words of Dr. S.K. Kashyap, Dean, College of Agriculture, and Principal Investigator, IDP-NAHEP, Pantnagar; *“It’s a design that works. Remedial Classes were run earlier also but IDP-NAHEP designed the Remedial Classes with a difference. The UG courses from each College were divided into modules and each module was aligned with recently passed illustrious alumni who scored brilliantly in JRF/SRF or ARS examination. Alumni were selected to support different courses to run for a stipulated time period and the needy undergraduate students registered for the classes. The thrust was to provide fundamental clarity in the courses in the most pragmatic manner”.*

Key Features of Remedial Classes

- ✓ Focusing to close the gap between what a student understands and what is expected to teach for upscaling the knowledge.
- ✓ Improving learning and practice by applying new skills, including daily reviews and practice exercises.
- ✓ Providing competitive edge to aspirants.
- ✓ Aligning with the vibrant and academically sound mentors for support and guidance.
- ✓ Evening online classes on exclusive module of respective discipline.
- ✓ Assessing what the student has learned and whether they are prepared to move on.

How did it work successfully? The distinction of stepwise strategic implementation plan

An efficient academic structure, orientation, instructional approach, efficient monitoring system, standardized guidance, career preparation, and effective evaluation system are key components of a successful remedial programme which were put to frame to implement the Remedial Classes by IDP-NAHEP, Pantnagar.

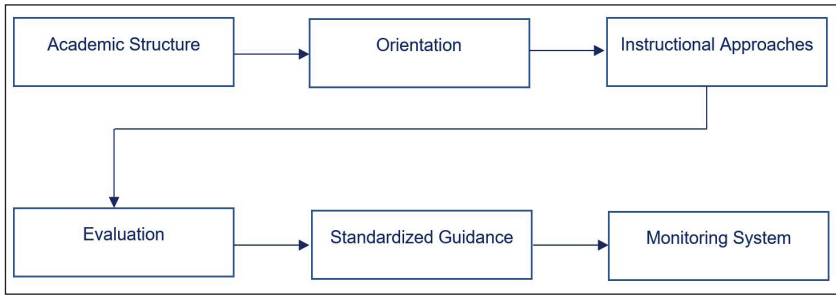


Fig. 1 Remedial Classes Model Adopted by IDP-NAHEP, Pantnagar

Academic Structure: For the conduct of remedial classes, an advisory committee (See Annexure 1) was formed for the selected courses of four colleges, viz. College of Agriculture, College of Home Science, College of Veterinary and Animal Sciences, and College of Fisheries. The committee also ensured the selection of undergraduate courses as well as course coordinators, faculty members, postgraduate and doctorate research scholars from amongst the alumni and current outstanding students to function the remedial classes across the four colleges. The execution of remedial classes was done by the College Coordinators of different colleges (see Annexure 2 for list of College Coordinators).

Orientation: Each college organized an introduction of remedial classes, academic team, mentors, and students to complete an orientation scheduled before the beginning of classes. It also focused on helping students to develop effective strategies for time management, decision making, and study skills.

Instructional Approaches: The relevant courses for remedial classes were selected as per the need of the students and as per the requirement of competitive examination preparation. The remedial classes were conducted in online mode in two phases, one during October to December 2020 and the other from February to March 2021. A poster with a Google Form link was circulated among the students for enrollment in these classes so that students can participate in the respective modules. A total of 65 illustrious alumni according to the clients' choice with

excellent academic records were selected to lead the remedial classes according to their topic of expertise and to provide the undergraduate students with mentorship (see Annexure 3 for list of mentors).

The remedial classes of College of Agriculture were divided into six modules i.e. Genetics and Plant Breeding, Horticulture and Vegetable Science, Entomology, Plant Pathology, Agronomy and Soil Science, and Extension, Economics and Statistics. The different courses under the six modules were taught by 21 brilliant alumni and in-house mentors.

For the College of Home Science, the two modules included the subjects of Foods and Nutrition, Clothing and Textiles, Human Development, Family Resource Management, and Home Science Extension. These modules were designed by experts of Home Science. The remedial classes were conducted by six meritorious University alumni.

The Veterinary Science module covered the subjects of Veterinary Anatomy, Microbiology, Pathology, Parasitology, Pharmacology and Toxicology, Public Health and Epidemiology, Surgery and Radiology, Clinical and Preventive Medicine, Gynecology, Obstetrics, and Andrology. The Animal Science module included the subjects of Physiology, Livestock Production Management, Animal Nutrition, Animal Genetics and Breeding, Livestock Product Technology, Poultry Science, Animal Husbandry Extension and Communication, Biochemistry, and Biotechnology. Students from the first professional year of B.V.Sc. and A.H. to the final year had enrolled for the remedial classes and were guided by fifteen worthy alumni.

The College of Fisheries had also conducted the classes under two modules for the subjects of Aquaculture, Aquatic Environment Management, Fish Harvest and Processing Technology, and Fisheries Resource Management. These modules were led by 23 mentors.

- ✓ More than **553 lectures** given by mentors under different modules of remedial classes.
- ✓ Over **1200 hours** of remedial classes conducted.
- ✓ **469** learners took advantage of the structured remedial classes.
- ✓ Total **65** JRF/SRF/ARS ranker **alumni/mentors** invested their time for remedial classes.
- ✓ **Microsoft Teams** used for conducting online remedial classes.
- ✓ Scheduling of remedial classes as per the convenience of the students, and mostly in evening hours.

Table 1: List of remedial classes modules

S. No.	Colleges	Name of Modules
1.	College of Agriculture	Agronomy and Soil Science
		Entomology
		Extension, Economics and Statistics
		Genetics and Plant Breeding
		Horticulture and Vegetable Science
2.	College of Home Science	Plant Pathology
		Foods and Nutrition and Clothing and Textiles
3.	College of Veterinary and Animal Science	Family Resource Management, Extension and Human Development
		Veterinary Sciences
4.	College of Fisheries	Animal Sciences
		Aquaculture and Aquatic Environment Management
		Fish Harvest and Processing Technology and Fisheries Resource Management

Monitoring System: The students enrolled in remedial courses were supervised from time to time by college coordinators to help them improve their pace of learning, academic performance, and preparation of competitive examinations.

Standardized Guidance: The mentors were selected based on proven expertise which is required for educational development activities. The following steps were taken by mentors to prepare students for competitive examinations:

- Providing awareness regarding relevant competitive examinations.
- Helping students identify their areas of interest.
- Guiding on one to one basis through doubt clearing sessions.
- Developing competitive abilities through different forms of subject-related objective assessments.
- Improving a student's ability to speak and face an interview.
- Guiding students to develop a complete personal strategy for regular self-practice.

Evaluation: Evaluation is a process that examines a programme, activity, or endeavour critically. For remedial classes, a feedback survey was designed and conducted for documenting and analyzing the impact, outcome and output of the effort. It was intended to improvise and enhance the effectiveness of the remedial classes for future.

Famous educator, Tim Buff said *“The key to success is to appreciate how people learn, understand the thought process that goes into instructional design, what works well, and a range of different ways of achieving goals.”*

Alliance with alumni for remedial classes

The alumni of the University have provided immense support for this exclusive approach to the remedial classes. These classes were led by those alumni who cracked the competitive examinations with top-scoring in different subject areas. Hand holding and personal support are the most important aspect of

achieving success. For this, the IDP-NAHEP initiative has connected students with alumni to enhance the capacity of students to improve their academic performance and prepare them for competitive examinations. Dr. Tej Partap, Vice-Chancellor, GBPUAT, Pantnagar also said that a major part of Pantnagar culture has always been student networking and alumni relations, and this dual approach of remedial classes and alumni nurturing the current generation of students is indeed unique and will go a long way in strengthening the learning outcomes and the Pantnagar culture as well.

Online teaching-learning: Immense flexibility with unending opportunity

The IDP-NAHEP, Pantnagar has successfully generated a full-fledged online platform for teaching-learning, synchronous learning, offline learning for the whole University which was extensively utilized during the remedial classes. The online platform provided the opportunity to accommodate exemplary resource persons on a specific schedule at one platform. The functioning of remedial classes has fulfilled its purpose by adopting the digital teaching-learning through Microsoft Teams platform. Students can openly communicate with mentors for their questions, and share their opinions through face-to-face or chat options without much consideration of classroom fear and judgment.

Conclusion

The IDP-NAHEP, Pantnagar approach could suggest that the innovation and structure in remedial teaching can help students to enhance their basic skills in significant manner with a broad-based impact. The competency of the students could get a distinct impetus through the structured approach of remedial classes with the insight and practices provided by the illustrious facilitators under given structure with hand-holding of the University teachers which led to command on the subject matter, clarity of the examination patterns, in-depthness in fundamental concepts along with consistency in the subjects. The IDP-NAHEP, Pantnagar has generated an insight with this effort of distinctly-run remedial classes and learnt that a set of focused and structured actions can significantly improve the success of students across the University. We have more understanding than ever on how our academic structure that results in better outcomes for all students can be radically transformed.

Hon'ble Vice-Chancellor Dr. Tej Partap along with Deans of different colleges interacting with the students and alumni mentors of remedial classes



Alumni mentors of remedial classes



Reflections of College-Coordinators regarding Remedial Classes

Remedial Classes for Veterinary students: Preparing budding Vets to excel in competitive exams



Dr. Aman Kamboj

*Assistant Professor, Veterinary Physiology and Biochemistry
Remedial Classes Coordinator, College of Veterinary and Animal Sciences*

The initiative of conducting remedial classes for various disciplines under the academic component of IDP-NAHEP has emerged as a wonderful intervention which has benefitted hundreds of students of different colleges. Being the coordinator of remedial classes for Veterinary undergraduate students, I had a great experience of organizing the remedial classes for our budding vets. The classes were focused on the important topics from the point of competitive exams like ICAR-JRF. The fifteen eminent alumni which are working in different institutes with excellent academic record were approached to take the classes according to their subject of expertise and provide an effective mentorship to the undergraduate students. Looking into the COVID-19 pandemic situation, the Microsoft Teams platform was used to conduct the classes which served as an effective medium to deliver the online lectures and a forum to ask and respond to the queries of learners. The overall experience of remedial classes was excellent and we hope for a good output in terms of increased JRF selections in the coming years through such interventions.

Remedial classes to grasp the opportunity



Dr. Amit Kesarwani
Assistant Professor, Agronomy

The students have always been considered valuable assets for College of Agriculture, Pantnagar. Different initiatives taken under IDP NAHEP to groom these assets, have resulted in a significant impact. One such initiative being the remedial classes. The classes were started with great expectations and aimed to serve students to strengthen their academic capabilities. The guidance of our meritorious alumni serving nationwide and well qualified in competitive exams indeed became a benchmark approach. The intense efforts of both the students and the mentors is praiseworthy. The overall response was overwhelming and our target approach to gain higher JRF/SRF selections is going on the right track.

An excellent approach to achieve academic excellence



Dr. Shefali Massey

Assistant Professor, Clothing and Textiles

Remedial Classes Coordinator, College of Home Science

Remedial classes are one of the best approaches initiated by various colleges of the University under the academic component of IDP-NAHEP, Pantnagar. The goal of the remedial classes is to identify the students facing difficulty in subject areas and accordingly nurture them. The classes have helped the students in overcoming those weaknesses and developing mastery over the subject content. Remedial teaching and instruction helped the pupils to identify difficult learning areas and bridge the gap in their learning process. This extra support helped them to catch up with the pace of learning and prepared them for various competitive exams as well. The alumni mentors facilitated the enrolled students with their latest experience and knowledge. Their diverse teaching methods, materials, test papers, and focused learning tutored the struggling students to make a niche in the competitive exams. The response of the students has been great and hopefully it will have a long term positive impact on their academic performance.

Enhancing learning skills with remedial classes



Dr. Vipul Gupta

*Associate Professor, Fish Harvest and Processing Technology
Remedial Classes Coordinator, College of Fisheries*

The remedial classes were the most attractive activity of the academic component of the IDP-NAHEP project during COVID-19. The remedial classes were arranged online for the students of the College of Fisheries in order to provide additional help to the students for the preparations of examinations for higher studies including ICAR JRF. The remedial classes were meant to develop the foundation and improve various learning skills and repair the problem areas. The classes were conducted for all the students of the undergraduate programme through better teaching tools that improve the basic skills they need to advance to a higher academic level. It helped students to overcome the difficulties in required subject areas and also in developing interest in higher education. The participation from the students was overwhelming and they got benefited from the online interaction and participating in question-answer sessions conducted at the end of all the classes.

Feedback of Student Beneficiaries

Remedial classes proved to be very helpful in bringing the students out from their dormancy, during the lockdown period. Many of the mentors were really excellent at their teaching skills. They also guided us for our upcoming competitive exams and gave us some tips regarding time management and strategy making. I am really thankful to IDP-NAHEP, Pantnagar for providing us such a great opportunity of learning.



Pooja Mehra

Id. No. 51280, IVth Year, B.VSc.

I found the whole remedial class series really very helpful. Actually, this was the platform we were in dire need of and it came at the appropriate time. We gained quite a lot of handfull tips and detailed insight of the ICAR JRF exam. It will be really great if we get these kinds of remedial class series again in near future.



Seemant Nautiyal

Id. No. 51267, IVth Year, B.VSc.

The remedial class helps us in every aspect right from choosing the appropriate subject, knowing exam patterns, clearing fundamental concepts and other guidance related to competitive examinations. It is difficult to know what part is important in a competitive exam, which part should be given more time, and what not. There are many topics in which concepts are not clear and there is other confusion like pattern of exam and books. Remedial class is a great opportunity for us to learn from our seniors. Thanks NAHEP for giving such an opportunity to students.



Mohit Singh Bohra

Id. No. 53038, IIIrd Year, B.Sc. Agriculture

Online remedial classes for competitive exams preparation were a blessing in disguise for the UG students of GBPUAT, especially for the final year as we got the chance to prepare under the professional guidance of an efficient faculty even during the lockdown. In those classes, we went through the basics and important concepts of the subjects we have studied in our UG curriculum, revised, and tested our preparation. The content delivered and shared was well designed and updated according to the recent exam patterns which were extremely helpful for us.



Jayamani Yadav

Id. No. 51603, IVth Year, B.Sc. Community Science

The remedial classes organized by IDP-NAHEP, Pantnagar was one of the initial attempts to provide structured guidance to the students. It was an extremely enriching learning opportunity. The enthusiasm of the alumni mentors was also amazing and it motivated us to work hard and prepare for excellent career growth. I would thank all the alumni who nurtured and supported us as well as team IDP Pantnagar for organizing such unique remedial classes.



Rahul Bohara
Id. No. 51675, IVth Year, B.Sc. Agriculture

The IDP-NAHEP remedial classes were a wholesome package. This golden opportunity not only improved our fundamental concepts of our respective subject areas but also provided rigorous preparation for competitive examinations. Moreover, the guidance of the alumni was more than what I expected. All our small-big doubts were dealt with utmost patience and sincerity. I am thankful to IDP-NAHEP, Pantnagar for always bringing to us such innovative opportunities one after the other.



Safal Shandilya
Id. No. 53266, IIIrd Year, B.F.Sc.

Annexure 1

Advisory Committee for Remedial Classes of IDP-NAHEP, Pantnagar

S. No.	Name	Designation
1.	Dr. Tej Partap	Vice-Chancellor, GBPUAT, Pantnagar (Chairman)
2.	Dr. S.K. Kashyap	Dean, College of Agriculture (Coordinator and Member Secretary)
3.	Dr. Omveer Singh	Associate Professor, Horticulture, College of Agriculture (Member)
4.	Dr. Anita Rani	Professor, Clothing and Textiles, College of Home Science (Member)
5.	Dr. Sanjay Kumar	Professor, Livestock Production Management, College of Veterinary and Animal Sciences (Member)
6.	Dr. A.K. Upadhyay	Professor and Head, Veterinary Public Health and Epidemiology, College of Veterinary and Animal Sciences (Member)

Annexure 2

List of College Coordinators for Remedial Classes of IDP-NAHEP, Pantnagar

S. No.	Name of Faculty	Designation
1.	Dr. Amit Kesarwani	Assistant Professor, Agronomy, College of Agriculture
2.	Dr. Shefali Massey	Assistant Professor, Clothing and Textiles, College of Home Science
3.	Dr. Archana Kushwaha	Assistant Professor, Food and Nutrition, College of Home Science
4.	Dr. Vipul Gupta	Associate Professor, Fish Harvest and Processing Technology, College of Fisheries
5.	Dr. Aman Kamboj	Assistant Professor, Veterinary Physiology and Biochemistry, College of Veterinary and Animal Sciences

Annexure 3

List of Alumni Mentors and Student Mentors of Different Modules for Remedial Classes of IDP-NAHEP, Pantnagar

College of Agriculture			
S. No.	Name	Designation	Module
1.	Dr. Gangadhar Nanda	Assistant Professor, Agronomy, Dr. Rajendra Prasad Central Agricultural University, Pusa, Samastipur	Agronomy and Soil Science
2.	Dr. Sirazuddin	Assistant Professor, Doon (PG) College of Agricultural Science and Technology, Dehradun	Agronomy and Soil Science
3.	Ms. Nidhi Luthra	Ph.D. Scholar, ICAR-IARI, New Delhi	Agronomy and Soil Science
4.	Mr. Mayank Kumar	Ph.D. Scholar, Entomology, GBPUAT, Pantnagar	Entomology
5.	Dr. Ravi Biradar	Analyst, Pesticide Residue and Food Quality Analysis Laboratory, University of Agricultural Sciences, Raichur	Entomology
6.	Dr. Sai Reddy	Assistant Professor, Entomology, Dr. Rajendra Prasad Central Agricultural University, Pusa, Samastipur	Entomology
7.	Mr. Ankit Mahapatra	PG Scholar, Agricultural Extension, ICAR-IARI, New Delhi	Extension, Economics and Statistics
8.	Ms. Aiswarya S.	Ph.D. Scholar, Agricultural Extension, ICAR-IARI, New Delhi	Extension, Economics and Statistics

9.	Dr. Debashish Dash	Assistant Professor, Agricultural Extension, C.V. Raman Global University, Bhubaneswar	Extension, Economics and Statistics
10.	Ms. Lekha Kalra	Ph.D. Scholar, Agricultural Economics, Swami Keshwanand Rajasthan Agricultural University, Bikaner	Extension, Economics and Statistics
11.	Mr. Saiket Chaterjee	PG Scholar, Agricultural Economics, GBPUAT, Pantnagar	Extension, Economics and Statistics
12.	Mr. Deepayan Ray	Ph.D. Scholar, Genetics and Plant Breeding, GBPUAT, Pantnagar	Genetics and Plant Breeding
13.	Ms. Rimi Shampa	Ph.D. Scholar, Genetics and Plant Breeding, Bidhan Chandra Krishi Viswavidyalaya, Kalyani	Genetics and Plant Breeding
14.	Ms. Shikha Dubey	Ph.D. Scholar, Genetics and Plant Breeding, University of Agricultural Sciences, Dharwad	Genetics and Plant Breeding
15.	Dr. Ankit Panchbhaiyya	Sectional Officer (Horticulture), Delhi Development Authority, New Delhi	Horticulture and Vegetable Science
16.	Mr. Bhargav Kiran	Ph.D. Scholar, Horticulture and Vegetable Science, ICAR- IARI, New Delhi	Horticulture and Vegetable Science
17.	Dr. Mallesh Sanganamoni	Assistant Professor, Vegetable Science, Sri Konda Laxman Telangana State Horticultural University, Telangana	Horticulture and Vegetable Science

18.	Ms. Pratibha Jain	Ph.D. Scholar, Fruit Science, Punjab Agricultural University, Ludhiana	Horticulture and Vegetable Science
19.	Dr. Anshul Arya	Assistant Professor, Shree Guru Gobind Singh Tricentenary University, Gurgaon	Plant Pathology
20.	Mr. Aravind	Ph.D. Scholar, Plant Pathology, GBPUAT, Pantnagar	Plant Pathology
21.	Dr. Yogita Bohra	Assistant Professor, Plant Pathology, Punjab Agricultural University, Ludhiana	Plant Pathology

College of Home Science

S. No.	Name	Designation	Module
1.	Ms. Ekta Melkani	Ph.D. Scholar, Family Resource Management, CCS Haryana Agricultural University, Hisar	Family Resource Management, Extension and Human Development
2.	Ms. Neha Joshi	Ph.D. Scholar, Human Development and Family Studies, Punjab Agricultural University, Ludhiana	Family Resource Management, Extension and Human Development
3.	Ms. Shatakshi Semwal	Research Officer, Inter-University Centre for Teachers Education, The Maharaja Sayajirao University of Baroda, Vadodara	Family Resource Management, Extension and Human Development
4.	Ms. Shourya Negi	Research Assistant, UNICEF Project, The Maharaja Sayajirao University of Baroda, Vadodara	Family Resource Management, Extension and Human Development

5.	Ms. Anupriya Mamgain	Ph.D. Scholar, Foods and Nutrition, The Maharaja Sayajirao University of Baroda, Vadodara	Foods and Nutrition and Clothing and Textiles
6.	Ms. Srishti Tewari	Ph.D. Scholar, Institute of Chemical Technology, Mumbai	Foods and Nutrition and Clothing and Textiles

College of Veterinary and Animal Sciences

S. No.	Name	Designation	Module
1.	Dr. Akanksha Tiwari	Ph.D. Scholar, Veterinary Microbiology, GBPUAT, Pantnagar	Veterinary Science
2.	Dr. Ashutosh Fular	Ph.D. Scholar, Veterinary Parasitology, ICAR-IVRI	Veterinary Science
3.	Dr. Jyotsana Bhatt	Ph.D. Scholar, Veterinary Surgery and Radiology, GBPUAT, Pantnagar	Veterinary Science
4.	Dr. Kriti Singh	PG Scholar, Public Health and Epidemiology, GADVASU, Ludhiana	Veterinary Science
5.	Dr. Saurabh Tiwari	PG Scholar, Veterinary Gynaecology and Obstetrics, GADVASU, Ludhiana	Veterinary Science
6.	Dr. Suhas K.S.	Ph.D. Scholar, Veterinary Parasitology and Toxicology, ICAR-IVRI, Izatnagar	Veterinary Science
7.	Dr. Supriya Yadav	Ph.D. Scholar, Veterinary Medicine, ICAR-IVRI, Izatnagar	Veterinary Science
8.	Dr. Deepankar Bisht	Ph.D. Scholar, Animal Biotechnology, ICAR-IVRI, Izatnagar	Animal Science
9.	Dr. Harshit Kumar	Ph.D. Scholar, Animal Genetics and Breeding, ICAR-IVRI, Izatnagar	Animal Science

10.	Dr. Jyoti Jawla	Ph.D. Scholar, Livestock Product Technology, GADVASU, Ludhiana	Animal Science
11.	Dr. Nripendra Rawat	Ph.D. Scholar, Livestock Production Management, ICAR-NDRI, Karnal	Animal Science
12.	Dr. Pragya Joshi	Ph.D. Scholar, Veterinary and Animal Husbandry Extension, ICAR-IVRI, Izatnagar	Animal Science
13.	Dr. Pramod Chaudhary	Ph.D. Scholar, Animal Nutrition, ICAR-IVRI, Izatnagar	Animal Science
14.	Dr. Sai Kumar	PG Scholar, Veterinary Physiology and Climatology, ICAR-IVRI, Izatnagar	Animal Science
15.	Dr. Suraj Baloni	Veterinary Officer, Department of Animal Husbandry, Govt. of Uttarakhand	Animal Science

College of Fisheries

S. No.	Name	Designation	Remedial Course
1.	Ms. Babita Mandal	Scientist ICAR-CIBA, Chennai	Aquaculture and Aquatic Environment Management
2.	Ms. Bhumika Arora	PG Scholar, ICAR-CIFE, Mumbai	Aquaculture and Aquatic Environment Management
3.	Dr. Deepak Agarwal	Assistant Professor, Institute of Fisheries Biotechnology, Padur, Chennai	Aquaculture and Aquatic Environment Management

4.	Dr. Gunjan Karnatak	Scientist, ICAR-CIFRI, Rohtak	Aquaculture and Aquatic Environment Management
5.	Dr. Monika Gupta	Scientist, ICAR-CIFRI Allahabad	Aquaculture and Aquatic Environment Management
6.	Ms. Nisha Chuphal	PG Scholar, ICAR-CIFE, Mumbai	Aquaculture and Aquatic Environment Management
7.	Dr. Pankaj Kumar	Scientist, ICAR-CIFRI, Rohtak	Aquaculture and Aquatic Environment Management
8.	Ms. Pragati	PG Scholar, ICAR-CIFE, Mumbai	Aquaculture and Aquatic Environment Management
9.	Dr. Raghvendra Singh	Scientist, ICAR-NBFGR, Lucknow	Aquaculture and Aquatic Environment Management
10.	Ms. Saumya Pandey	Ph.D Scholar, ICAR-CIFE, Mumbai	Aquaculture and Aquatic Environment Management
11.	Mr. Shubham Varshney	Ph.D. Scholar, Nord University, Norway	Aquaculture and Aquatic Environment Management
12.	Dr. Vikas Phulia	Assistant Professor, KVK – Mohali, GADVASU, Ludhiana	Aquaculture and Aquatic Environment Management

13.	Dr. Bonika Pant	Guest Faculty, Acharya Narendra Deva University of Agriculture and Technology, Faizabad	Fish Harvest & Processing Technology and Fisheries Resource Management
14.	Ms. Deeksha Bharti	Ph.D Scholar, ICAR- CIFE, Mumbai	Fish Harvest & Processing Technology and Fisheries Resource Management
15.	Dr. Nitin Verma	Senior Technical Assistant (Fisheries), Department of Fisheries, Department of Animal Husbandry, Dairying and Fisheries, Govt. of India	Fish Harvest & Processing Technology and Fisheries Resource Management
16.	Dr. Paras Nath Jha	Scientist, ICAR-CIFT, Cochin	Fish Harvest & Processing Technology and Fisheries Resource Management
17.	Ms. Pooja Saklani	Ph.D. Scholar, West Bengal University of Animal and Fishery Sciences, Kolkata	Fish Harvest & Processing Technology and Fisheries Resource Management
18.	Ms. Shubhra Singh	Ph.D Scholar, ICAR- CIFE, Mumbai	Fish Harvest & Processing Technology and Fisheries Resource Management

19.	Dr. Siddh Nath	Guest Faculty, College of Fisheries, Chhattisgarh Kamdhenu Vishwavidyalaya, Kawardha	Fish Harvest & Processing Technology and Fisheries Resource Management
20.	Ms. Shivangi Bhatt	PG Scholar, ICAR- CIFE, Mumbai	Fish Harvest & Processing Technology and Fisheries Resource Management
21.	Ms. Shobha Rawat	Scientist, ICAR-CIFE, Mumbai	Fish Harvest & Processing Technology and Fisheries Resource Management
22.	Ms. Vandita Kohli	Senior Research Fellow, ICAR-CIFE, Mumbai	Fish Harvest & Processing Technology and Fisheries Resource Management
23.	Dr. Vibha Lohani	Guest Faculty, Acharya Narendra Deva University of Agriculture and Technology, Faizabad	Fish Harvest & Processing Technology and Fisheries Resource Management

Annexure 4

List of Student Beneficiaries of Different Colleges of Remedial Classes

College of Agriculture		
S. No.	Name of Student	Id. No.
1.	Aastika Pandey	52945
2.	Abha Bhatt	55870
3.	Abhilash Singh	53972
4.	Abhishek Kurmi	53043
5.	Abhishek Kumar	53098
6.	Abhishek Singh Kandari	49885
7.	Abhyudaya	53087
8.	Aditya Kumar Singh	54418
9.	Aishna Srivastava	54458
10.	Akansha Gangwar	53008
11.	Akansha Tomar	51594
12.	Akash Tiwari	51526
13.	Akhilesh Juyal	53033
14.	Alpana Singh	52125
15.	Aman Saini	53107
16.	Amit Kumar	55463
17.	Anita Negi	54394
18.	Anjali Kanyal	51682
19.	Anjali Mehta	52965
20.	Anju Negi	49913
21.	Ankit Nagar	51417

22.	Ankita	53099
23.	Ankita Tewari	51443
24.	Anubhav Singh Raj	53043
25.	Anureet Kaur Sandhu	53042
26.	Anusha Reddy	55438
27.	Apoorva Nautiyal	54380
28.	Arfaz Ahmed	51389
29.	Arpit Jain	54442
30.	Arpita Kholia	49867
31.	Arun Raghuvanshi	57762
32.	Arundhati Semwal	53052
33.	Ashika Ansari	53046
34.	Ashmita Chauhan	49947
35.	Atul Gaur	54435
36.	Atul Meena	53093
37.	Avantika Chand	51377
38.	Ayushi Joshi	51598
39.	Ayushi Mehra	51680
40.	Ayushi Shrivastav	55828
41.	Ayushi Singha	54446
42.	Azad Bishnoi	51485
43.	Balram	53086
44.	Barsha	53081
45.	Bhagirath Jha	53080
46.	Bhoomi Sonkar	54518
47.	Bhumika Manral	51467

48.	Champa Hembram	52542
49.	Chetan Joshi	52996
50.	Chhavi Bisht	51374
51.	D. Lokeshgoud	51245
52.	Darshan A V	51235
53.	Deepika Kanyal	52952
54.	Deesha	48392
55.	Disha Dimri	53376
56.	Dishita Aseri	53088
57.	Divya Raj	53083
58.	Garima Arya	51414
59.	Garima Upadhyay	52988
60.	Gaurav Mattoo	54492
61.	Gaurav Singh Fartyal	54386
62.	Geetika Joshi	52955
63.	Gourav Choudhary	46257
64.	Harshit Chandra	49883
65.	Harshita Joshi	54457
66.	Harshita Pandey	51462
67.	Harshvardhan	51216
68.	Himanshu Bhakuni	53015
69.	Himanshu Kumar Arya	52989
70.	Ishika Joshi	54382
71.	Jaykumar Prakashchandra Patel	52984
72.	Jitendra Bhaskar	27940
73.	K. Srikanthreddy	55444

74.	Kajal Mehra	51509
75.	Kalpna Negi	51476
76.	Karishma Joshi	51466
77.	Kavita	53094
78.	Kavita Adhikari	52966
79.	Kavita Arya	53057
80.	Kavita Chufal	52960
81.	Khaba Moirangthem	51418
82.	Kirtika Garbyal	53039
83.	Kritika Chand	52956
84.	Kunal Shah	51573
85.	Lata Panoura	52951
86.	Laxmi Nayal	51483
87.	Lokesh Chaudhary	49844
88.	Madhur Balooni	48326
89.	Mallika Tripathi	54412
90.	Mamta Pandey	53000
91.	Manansh Pokhariyal	53067
92.	Manasi Gaikwad	51380
93.	Manisha Arya	51447
94.	Manisha Bisht	51681
95.	Manisha Bora	52982
96.	Manisha Chamoli	51508
97.	Mansi Arora	51677
98.	Mansi Bisht	53069
99.	Meena Chauhan	49936

100.	Meghna Sarkar	54451
101.	Mini Tamta	53018
102.	Mohit Arya	51445
103.	Mohit Singh Bohra	53038
104.	Mukesh Raj	51427
105.	Mukul Giri Goswami	54372
106.	Mukul Parihar	54435
107.	Neeraj Papnai	49853
108.	Neha Juyal	50055
109.	Neha Kandari	49912
110.	Neha Padaliya	51452
111.	Neha Pandey	53181
112.	Niharika Pandey	51435
113.	Niharika Pandey	53023
114.	Nikita Dey	53079
115.	Nileeksha Pangtey	53006
116.	Nimisha Maurya	51395
117.	Nitesh Kumar Adhikari	54443
118.	Nivedita Pant	48316
119.	Nusrat Fatimah	53212
120.	Om Narayan	53085
121.	Oshin	51471
122.	Palak Chaturvedi	54512
123.	Pallavi Bisht	52958
124.	Pankaj Kumar Meena	51437
125.	Paras Arya	54395

126.	Parth Gulati	52125
127.	Pooja Kaira	52941
128.	Pooja Saxena	53071
129.	Prabhat Gehlot	53076
130.	Prachi Nagarkoti	52949
131.	Prachi Pandey	51388
132.	Prachi Rawat	53073
133.	Prajjawal Bagdwal	53010
134.	Prerna Pandey	53005
135.	Prinsi Yadav	52945
136.	Priya Pujari	52976
137.	Priyanka Panwar	53299
138.	Pushkar Bora	51366
139.	Rahul Bohara	51675
140.	Rajat Joshi	54407
141.	Rajat Nautiyal	51384
142.	Rajnish Pandey	54509
143.	Rama Rawat	48419
144.	Rashika Tamta	52987
145.	Rashmi Rana	51511
146.	Raveena Rana	53051
147.	Ravi	52950
148.	Reeba Sharma	49871
149.	Rekha Bhandari	52961
150.	Ritaanjana Kapoor	53000
151.	Ria Mehra	54511

152.	Ritaanjana Paul	51663
153.	Ritesh Kandpal	54408
154.	Ritika Mahar	53064
155.	Riya Maithani	52854
156.	Rohit Kumar	53280
157.	Saba Tanveer	51432
158.	Sachin	51518
159.	Sahnik Mondal	53108
160.	Sai Kumar Banoth	53091
161.	Sakshi Dimri	51459
162.	Sakshi Pandey	48341
163.	Saloni Kumari	54490
164.	Samiksha Yadav	52953
165.	Samreen Saba	51254
166.	Sandeep Sohan Yadav	51382
167.	Sandhya Rawat	52974
168.	Sanjam Phutela	52527
169.	Sanskriti Joshi	52942
170.	Sarthak Kothiyal	51662
171.	Sateyendra Gangwar	53075
172.	Saumya Makhloga	54390
173.	Saumya Singh	53002
174.	Saurabh Chandra Tamta	53059
175.	Saurabh Goswami	54360
176.	Sawan Jaiswal	54470
177.	Shantnu Singh	54638

178.	Sheela Pundir	53062
179.	Sheetal Bhagat	53011
180.	Sheetal Negi	52957
181.	Shekhar Gautam	53029
182.	Shifa Ansari	51491
183.	Shilpa S	58062
184.	Shivam Sapteshwariya	53245
185.	Shivangi Bisht	52964
186.	Shivani	52986
187.	Shivani Kashyap	54430
188.	Shreshtha Chandra	51461
189.	Shreyansh Maurya	52962
190.	Shrishti Tiwari	54672
191.	Shruti	55748
192.	Shruti Kashyap	51436
193.	Shruti Mishra	51492
194.	Shruti Pandey	54392
195.	Shshank Singh Rawat	54391
196.	Shubham Sharma	54452
197.	Shweta Aswal	51514
198.	Simran Pundir	53058
199.	Smrutirekha Pati	54454
200.	Sneha Kapoor Sexena	52341
201.	Somananda Panda	55454
202.	Soni Kumari	52124
203.	Srishti Rawat	54409

204.	Srishti Sanwal	54354
205.	Stuti Lavania	54413
206.	Sumit Bora	53074
207.	Sumit Kumar	54427
208.	Sumit Tiwari	52963
209.	Suravi Rawat	53072
210.	Surbhi Kumari	53095
211.	Suresh Choudhary	53092
212.	Sushmita Rawat	53055
213.	Sushmita Silori	50058
214.	Swarnika Uniyal	51381
215.	Swati Sweta Ghadei	51439
216.	Sweta Rawat	51376
217.	Tanuja Arya	51566
218.	Tanuja Rautela	51365
219.	Toran Singh	52999
220.	Tulika Sharma	51410
221.	Urvi Rai	54488
222.	Vaishali Bhatt	51446
223.	Vandana Kumari	51452
224.	Vanshika	52991
225.	Vanshika Gupta	52968
226.	Varnika Tripathi	54501
227.	Varsha Vishwakarma	53061
228.	Vartika Tripathi	54799
229.	Varun Raghuvanshi	54467

230.	Vijay Kumar	53021
231.	Vijay Prakash	54437
232.	Vikas Awasthi	51495
233.	Vikash Kumar	56905
234.	Vikash Kumar	51455
235.	Vipul Kumar Saini	48863
236.	Vivek Balloda	54471
237.	Volga Pant	52959
238.	Yamini Bisht	51663
239.	Yogesh Dutt	49868
240.	Yusra Suhail	51717
241.	Yuvraj Singh	51664
College of Home Science		
242.	Aarti Purohit	54617
243.	Achala Paneru	55660
244.	Amandeep Kaur	34557
245.	Amisha Mehra	54693
246.	Amisha Singh	53451
247.	Aniket Verma	53209
248.	Anjali Sharma	53210
249.	Anurag Siddharth	50087
250.	Anushka Das	54699
251.	Bhawana Sharma	53219
252.	Chanda Parihar	54625
253.	Deeksha Fartyal	51604
254.	Deeksha Rawat	53204

255.	Deepika Kohli	53143
256.	Deepshikha Choudhary	54595
257.	Deepshikha Gharami	53159
258.	Devanshi	54630
259.	Poonam	32168
260.	Garima Dwivedi	54582
261.	Garima Rawat	54627
262.	Harshit Gupta	55671
263.	Hemlata Dhama	55669
264.	Himani Belwal	51562
265.	Himani Bisht	54614
266.	Jagriti Bhandari	51634
267.	Janvi Kochar	51627
268.	Jayamani Yadav	51603
269.	Kamakshi Trivedi	51234
270.	Katyayni Singh Panchwal	51608
271.	Kaveri Muthanna	54631
272.	Kiran Attri	54614
273.	Komal Rakholia	53154
274.	Krishna Jalal	53174
275.	Mansi Badhani	53153
276.	Mansi Joshi	54688
277.	Mansi Napalchyal	53207
278.	Medhavi Sati	51597
279.	Muskan Rani	55666
280.	Neelam Bora	54585

281.	Neha Nayal	54628
282.	Nikita Danu	51564
283.	Padmini Joshi	54552
284.	Pooja Kandpal	53183
285.	Pragati Shukla	53184
286.	Pragati Verma	51612
287.	Pranshi Gupta	51667
288.	Pratyushi Tiwari	54698
289.	Rachana Kumari	54702
290.	Riya Mehra	54624
291.	Shailaja Pant	54601
292.	Sharil Agarwal	53162
293.	Sharmeen Jahan Ansari	38323
294.	Shikha Singh	54150
295.	Shivangi Singh Chauhan	53236
296.	Shrishti Joshi	50021
297.	Simran Gupta	51629
298.	Soumya Tewari	54583
299.	Souvik Roy	54581
300.	Stuti Rawat	53164
301.	Suchitra Pathak	51614
302.	Swati Bisht	53173
303.	Tamanna Bartwal	54560
304.	Varsha Kamboj	53280
305.	Vatsala Deopa	54570
306.	Vishal Kumar	54597

307.	Yachana	51575
College of Veterinary and Animal Sciences		
308.	Aaina Modi	51315
309.	Abdul Basit Ali	51269
310.	Abhishek Rathi	49775
311.	Aditi Pandey	54315
312.	Ajay Kumar Prasad	49784
313.	Akshit Pandey	52847
314.	Aman Kumar Arya	49755
315.	Ankit Kumar	51311
316.	Anshul Gautam	49738
317.	Anupriya Misra	52909
318.	Anupriya Misra	52909
319.	Apeksha	49762
320.	Ashish Dwivedi	49774
321.	Ashish Kumar Singh	51278
322.	Ashish Kumar Singh	51278
323.	Atul Yadav	54313
324.	Bharti Rana	52901
325.	Bhavana Bhatt	49732
326.	Chirag Kishore	54265
327.	Dakshi Joshi	51499
328.	Deeksha Singh	52858
329.	Deepak Upadhyay	52867
330.	Deepanshu Bora	54364
331.	Deepti Arya	51464

332.	Devashish	52893
333.	Devashish	52893
334.	Diksha Upreti	52904
335.	Diksha Upreti	52904
336.	Divya Chauhan	49760
337.	Ekta Bisht	51272
338.	Ganga Datt Kandpal	51290
339.	Gargi Ramola	52884
340.	Gaurav Singh Bagare	51693
341.	Geetika Bisht	52898
342.	Gunjan Sati	52857
343.	Harmandeep Singh	52908
344.	Himani Ravi	49781
345.	Himanshu Nayal	52883
346.	Jagvinder Singh	52876
347.	Jatin Kharkwal	51287
348.	Jyoti Chantola	52890
349.	Jyoti Joshi	49925
350.	Kajal Verma	49767
351.	Kamesh Kannaujia	51276
352.	Kamini Rana	52843
353.	Kanak Joshi	52851
354.	Kanika Pandey	51425
355.	Kavita	49763
356.	Kavita Arya	52880
357.	Lalit Maurya	52841

358.	Lalit Singh Rawat	49749
359.	Lokesh Dhauni	49765
360.	Mahima Sijwali	51504
361.	Manas Arora	49745
362.	Manish Chaudhary	49770
363.	Manju Lata	30077
364.	Manshi Khulbe	52881
365.	Mansi Bisht	52887
366.	Mansi Mehra	52878
367.	Mansi Panwar	52848
368.	Mayank Rawat	52862
369.	Megha Purohit	52855
370.	Monika Bhandari	52853
371.	Mony Bora	49742
372.	Mudita Bhatt	52875
373.	Namrata Garbyal	52905
374.	Nandini Panwar	51296
375.	Naveen Chandra	52869
376.	Neha Majila	51265
377.	Paritosh Kumar	54461
378.	Payal Sharma	52910
379.	Payal Tiwari	52859
380.	Pooja Mehra	51280
381.	Prachi Dharamshaktu	51488
382.	Pratibha Kabdola	51362
383.	Preeti Gautam	51277

384.	Prerna Panwar	49753
385.	Princi Tiwari	52906
386.	Priya Chaudhary	52882
387.	Priya Sahay	50121
388.	Priyanka Bhandari	49730
389.	Priyanka Pundir	51292
390.	Rahul Negi	52850
391.	Rakshika	50059
392.	Rinkal Sundriyal	51263
393.	Rinkee Chanyal	52870
394.	Rishabh	52866
395.	Ritwik Nand	52871
396.	Riya	52872
397.	Riya Upadhyay	51289
398.	Roshni Chand	49728
399.	Saima Salim	52849
400.	Saumya Joshi	49764
401.	Saurav Rawat	52844
402.	Seemant Nautiyal	51267
403.	Shahrukh Ahmad Malik	49754
404.	Shalini Pant	49896
405.	Shaurya Dumka	49766
406.	Shiksha Pandey	52856
407.	Shraddha Dwivedi	54327
408.	Shreya Tiwari	54314
409.	Shriya Bhatt	49778

410.	Shruti Arya	48258
411.	Simran Jeet Singh	51303
412.	Simran Maurya	51275
413.	Simranjeet Kaur Satia	52868
414.	Sonakshi Saxena	51273
415.	Sonal Joshi	52874
416.	Sonam Dolkar	52900
417.	Stuti Singh	52877
418.	Sumit Godiyal	49756
419.	Sumit Raja	52889
420.	Surbhi Panwar	49752
421.	Sushma Dhami	52863
422.	Tanaya	51271
423.	Unnati Chauhan	52846
424.	Urvashi	48259
425.	Vartika Uniyal	49726
426.	Vipin Chauhan	52899
427.	Yanshi	49758
428.	Yesvi	51309
429.	Yogesh Palyal	52894
College of Fisheries		
430.	Aayushi Oli	54661
431.	Alok Panwar	50145
432.	Anjali Bisht	53189
433.	Ashish Kumar	53264
434.	Deepak Kumar	50126

435.	Dishant Sengar	51668
436.	Divya Mehta	50123
437.	Faisal	51687
438.	Govind Choudhary	53265
439.	Himanshi Yadav	51665
440.	Ishita Mehta	54640
441.	Janhvi Pulast	51684
442.	Kajal Joshi	54660
443.	Kiran Hyanki	54650
444.	Komal Dasila	53150
445.	Mahima Rawat	54654
446.	Mansi Yadav	51686
447.	Mayuri Nag	53249
448.	Monica Rajkumar Sable	55462
449.	Naveen Chandra	53171
450.	Nikita Gurung	53215
451.	Pallavi Singh Tomar	50127
452.	Priyanka Arya	51666
453.	Radhika Agarwal	51691
454.	Rajarshi Bandyopadhyay	51688
455.	Ranjana Shahi	54659
456.	Renu Beriya	51674
457.	Rupam Kumari	54652
458.	Safal Shandilya	53266
459.	Sakshi Arya	54558
460.	Samridhi Gururani	55522

461.	Saumya Upreti	53255
462.	Shivangi Mehta	51606
463.	Shumayla Ansari	54658
464.	Sonal Pathak	48610
465.	Sourav Joshi	51689
466.	Sumit Joshi	53248
467.	Sushmita Arya	51695
468.	Vaibhavi Barthwal	54653
469.	Yogita Markana	54641



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