

Improving learning outcomes

Tracking effectiveness of HPPI – NeTT(Necessary Teacher Training) teachers on student learning outcomes in Haryana

Student improvement is visible in small yet pivotal changes made in her classroom.

An informal study of the class has shown that almost 70% of the students are more responsive to the change in teaching methodology and student attendance and participation has increased by 30%.

Mrs Neha Bhatnagar
Education Director
Sweet Angels Sr. Sec. School, Palwal, Haryana
Employer of NeTT Graduate Teacher - Mona Tewatia



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Excerpts from an impact evaluation study

Impact evaluation study to track effectiveness of NeTT Graduate Teachers

- To understand the impact of the HPPI – NeTT (Necessary Teacher Training) program on student learning outcomes, an impact evaluation study has been conducted by Gray Matters India and Centre for Research and Experiments for Action and policy (REAP) Haryana.
- The evaluation was conducted on a sample of 80 schools across 10 districts in Haryana on grade 3 & 5 students and consists of a baseline and an endline assessment conducted in October 2014 and August 2015 respectively.
- The study measures the comparison between learning outcomes of students taught by Intervention Group (teachers who graduated from *D.I.E.Ts, which have NeTT program) and students being taught by Control Group (teachers graduated from D.I.E.T program without any intervention).
- The encouraging results have shown an increased improvement in students taught by Intervention Group (IG) as opposed to Control Group (CG). In both grade 3 & 5 the gain in points from baseline to endline in Hindi and Maths, is noticeably higher in IG than in CG.

RESULTS

Even though the students in the intervention group started at lower levels than the control group, by the end of the academic year, they have reached similar levels of learning as the control group.

Comparison of means of student learning outcomes scores across baseline and endline assessments (Grade 3)

		CONTROL GROUP (CG)			INTERVENTION GROUP (IG)		
Grade	Subject	Baseline	Endline	Diff (EL-BL)	Baseline	Endline	Diff (EL-BL)
3	MATHS	94.8	102.4	7.7	88.2	101.9	13.7
3	HINDI	116.1	120.5	4.4	112.1	119.3	7.1

Comparison of means of student learning outcomes scores across baseline and endline assessments (Grade 5)

		CONTROL GROUP (CG)			INTERVENTION GROUP (IG)		
Grade	Subject	Baseline	Endline	Diff (EL-BL)	Baseline	Endline	Diff (EL-BL)
5	MATHS	111.50	111.64	0.14	109.67	110.93	1.26
5	HINDI	121.69	123.18	1.48	122.03	126.09	4.06

NeTT Program taught me tools to monitor, evaluate and interpret student performance and design measures to improve learning outcomes which helps develop independent, self-motivated learners who are more reflective.

NeTT teaches practical strategies for efficient use of technology, to drive pupil engagement and improvement and provide students with opportunities to deepen their knowledge and learning.

Ms Mona Tewatia,
NeTT Graduate from *GETTI Feroz Pur Namak
Teaching Grade 5 in Sweet Angels Sr. Sec. School, Palwal,
Haryana



Kusum Sharma
Student, Palwal



Rakhi Chauhan
Parent, Palwal



Testimonials measuring success of NeTT teachers as seen by all beneficiaries

- She employs remedial and progressive teaching techniques for slow learners by identifying the learning hurdles using baseline tests to determine achievable milestones and developing customized teaching strategy for effective child development

Mr Sachin Yadav, Vice-Principal,
Swami Vivekanand Public School, Tauru
Employer of NeTT Teacher Graduate

- Influencing and motivating colleagues to contribute productively towards student centric course development and lesson delivery.

Mrs Rajni Bhatnagar, Chairman
Sweet Angels Sr. Sec School
Employer of NeTT Teacher Graduate

- I love our group activities because when we work in groups we learn so much from each other and we also learn about team work. It teaches us how to learn from doing rather than cramming.

Ms. Sanju Gautum, Student, Grade 8
Sweet Angels Sr. Sec School, Palwal
Taught by a NeTT Graduate Teacher

“Her teaching methods have helped in improving the confidence and communication skills of both my children. She helps them understand rather than cram subjects.

Mrs Rakhi Chauhan
Mother of Swarna Chauhan
Studying in Sweet Angels Sr. Sec School, Palwal
Taught by a NeTT Graduate Teacher

“I can see a positive change in my children’s manners, sense of cooperation, hygiene and global awareness. Her teaching is so much more than just curriculum. Without the fear of physical reprimand they are openly discussing their thoughts and feelings

Mrs Leena Sharma
Mother of Bhumi Sharma
Studying in Swami Vivekanand Public School, Tauru, Haryana
Taught by a NeTT Graduate Teacher



She measures students on criterion based achievements and not by pitting them against performance of other classmates.

Mrs Rajni Bhatnagar, Chairman
Sweet Angels Sr. Sec School
Employer of a NeTT Graduate Teacher

**INSPIRE
TEACHERS
TRANSFORM
LEARNING**



To encourage participation and promote student interest, I ensure that lessons are taught through a variety of engaging activities including discussions, case presentations, visual simulations, debates, group projects, role-playing, workshops etc. so students discover new means to explore their creativity.

Ms Manju Verma

NeTT Graduate from GETTI, Feroz Pur Namak
Teaching grade 3 in Swami Vivekananda Public School, Tauru

Most persistent challenge for me are the first generation learners. Three step strategy I use to bring them up to par with other learners is: Grouping them with bright students so they learn from each other's strengths, extra teaching support during after-school hours to assist progress of weak children and custom-made homework assignments, depending on educational background of child's guardian.

Mr Sandeep

NeTT Graduate from GETTI, Morni Hills

NeTT Program

The NeTT Programme seeks to improve the quality of primary education in schools in India by training teachers who are equipped with appropriate tools, understanding and temperament, to put students at the centre of the learning process. The programme incorporates the Diploma of Education curricula of each state it is implemented in and provides a healthy balance of theory and practice under its various components.

The NeTT Programme comprises of 22 month-long period implemented under the training methodology called Doctrine of Modern Methods (DMM). The programme covers the D.Ed. curriculum and many new and innovative elements through a mix of Studies, Courses and Experience.

Starting from the District Institute of Education and Training (DIET) in Bastar, Chhattisgarh in 2009, today HPPI's NeTT Programme is operational in 18 DIETs and 2 Government Elementary Teacher Training Institutes (GETTIs) across three States in India- Haryana, Uttar Pradesh and Madhya Pradesh.

Humana People to People India

Humana People to People India is a not-for-profit development organization registered under Indian laws. Formed in 1998, HPPI has over 16 years' extensive experience in implementing grass-root projects in the areas of Education & Literacy, Livelihood & Community Development, Health, Environment Conservation and Financial Inclusion. From its humble beginning, HPPI has evolved in a large, multi-faceted development organization with proven capacity to design, place, implement and scale focused development interventions, and currently touches the lives of over 500,000 people annually.

In line with its growing maturity as an organization, its long term objective reach over 1 million beneficiaries through its Education & Literacy and Livelihood & Skill Development programme lines, HPPI has built up its capacity in the core areas of programme design and implementation, as well as in programme support areas.

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