

Teacher Education Proposal

For

New Education Policy - 2016

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Introduction and Background

The Teacher Education Policy in India has evolved over time and is based on recommendations of various Committees/Commissions on Education. Starting from the Kothari Commission (1966) to the National Curriculum Framework for Teacher Education: Towards preparing Professional and Humane teachers (2009), the importance of teacher education, challenges and curriculum for both pre-service and in-service training are high-lighted.

The pace of improvement in teacher education is not sufficient to adapt with the fast changing world. Teachers have to prepare students for the unknown future, this needs drastic shift in the skills and values required for the teacher. Teachers shape the personality of children and eventually they build the societies. Strong emphasis must be given to Teacher education, if not more than all other disciplines, it should be at par with other professional courses.

This proposal provides details on the structure and curriculum of Teacher Education. Emphasis is given on following points:

- Integral development through core subjects, Pedagogy and Value Education.
- Best students must become teachers - No compromise on quality of teachers
- Teaching has to be the foremost profession showing path to all other people in Society.
- Investment done in Teacher Education will give highest returns for the Nation!
- Use modern technologies to bridge the gap with present and use ancient value system to have unwavering foundation

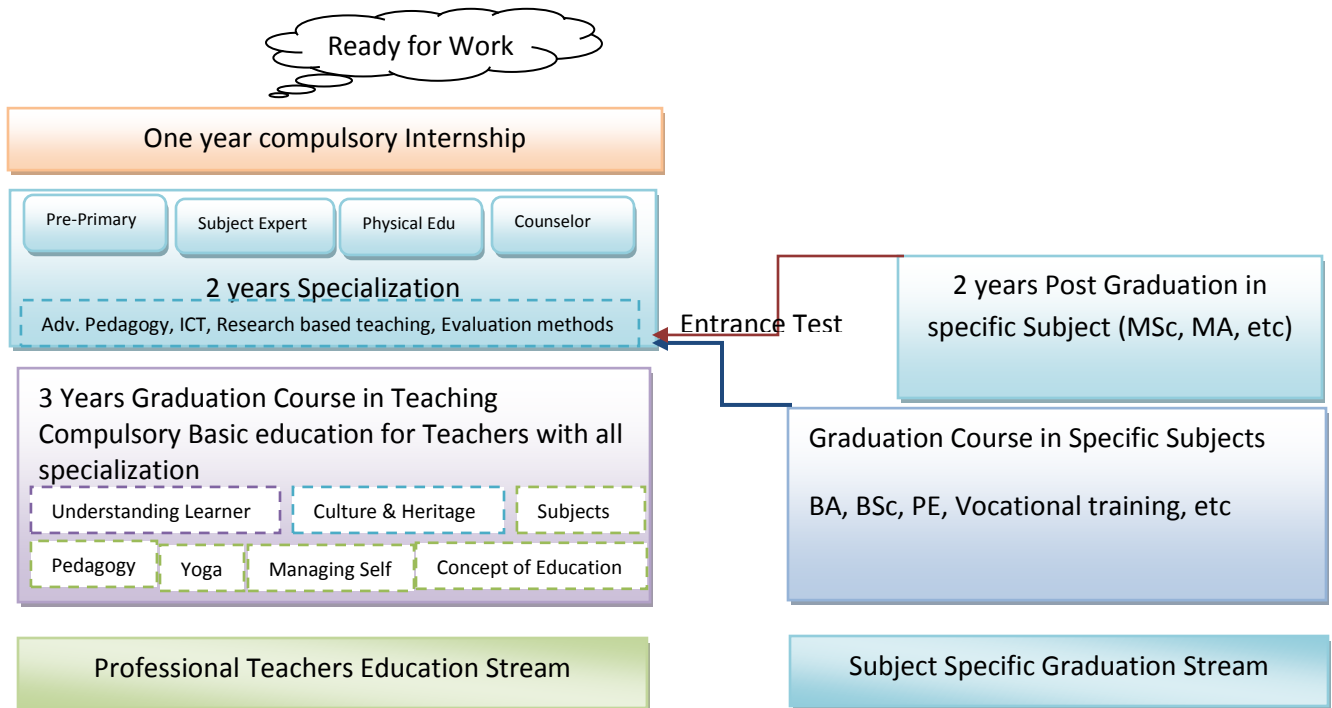
Pre-Service Teacher Education

Specialized Teacher Education (STE) stream should be created at graduation level for students who want to be teachers. Professional course of six years should be mandatory to take up any teaching job, including for Pre-primary and Primary levels. The course has following structure:

- 3 years foundation course in teaching
- 2 years specialization
- 1 year compulsory Internship

Apart from specialized teacher education stream, students will have an option to be subject teachers after graduation or post-graduation in subject specific graduation stream. Subject teachers need to go through 2 years specialization and 1 year internship after their graduation or post graduation.

Every teacher education college must be attached to a regular school or should have their own experimental school, like medical colleges have hospitals attached for practical learning.



Picture: Teacher Education Structure

Foundation Course – Graduation in Teacher Education

This is three years course after 12th standard of any discipline. Students who are interested in becoming class teachers or expert teachers should take this course. An entrance test must be conducted to get admission into this course.

This course should be regarded as the best Teacher education in the country.

Course content for this course is given below:

Education

- Philosophy and Concept of Education – for life and livelihood
- Evolution of Education System in India – ancient system to modern system
- Current Education System
- Role of Teacher in Nation building

Focus of understanding Philosophy of Education must be on knowing theory and seeing real life impact of the system in the society.

Pedagogy

- Techno-pedagogy
- Learning with nature
- Collaborative learning techniques
- Research based learning – Guided discovery methods
- Methods of learning: Indian Perspective
- Integral Development: Intellectual, Emotional, Psychological and physical aspect

All these methods are experimented in different schools of this group. Detailed reports can be submitted as required.

Core Subjects knowledge

- Languages
- Science and Maths
- Social Science

Child Psychology – Understanding the learner

- Developmental Psychology
- Understanding personality of child – Indian concept
- Typical Psychological problems faced by children in India
- Field work and report – understanding child psychology

Managing Self – Theory and Practice

- Ashtanga Yoga (Physical and Psychological Development)
- Meditation
- Understanding Mind – the source of all actions (inspiration)

Psychological development of teachers is very essential for two reasons:

1. This helps in making them highly effective in teaching
2. Only an evolved person can develop these qualities in children

Civic Service and Citizen Responsibilities

- Study of Constitution: Duties and Responsibilities of Citizens
- Practice and perfect Daily life responsibilities of Citizens: Role Model for children
- Project work on social cause

Teachers must be model citizens of the nation. Children will learn from their daily life than what they say about citizen responsibilities. If we have to transform our nation to be developed country, then we have to start with lot of emphasis on creating responsible citizens.

Starting from standing in Q to helping others, respecting, preserving and improving National property to thinking about collective good – we have long way to go as a nation.

Culture and Heritage

- Understand rich cultural heritage of our country
- Great literature of our country
- Deep Knowledge about
 - National Heroes & Eminent personalities
 - Contribution of our country in various fields
 - Glory of the past
 - Strengths of our People and Land
- Project work on preserving heritage sites or cultural aspects
- Sustainable Development: Traditional knowledge and practices for inclusive development with Nature
- Positive Vision of the future for our Nation!

Values Education – Theory and Practice

- Foundation Values
- Values for healthy family living
- Values for Societal Living
- Values for Professional life and growth
- Values for Self-actualization – Spiritual growth

Inculcating values is done less through books but most through imitation and observation. For effective Values education among children, teachers need to be role models. Developing values in teachers must go through the cycle of *Know* → *Practice* → *Preach* → *Practice*. Teachers' behavior must reflect the values they expect to be developed in children.

Specialization – Post Graduation in Teacher Education

Every Teacher must have specialization in either subject or areas of teaching, eg: pre-primary, primary class teacher, Values Education teacher, Physical Education Teacher, etc

Two years specialization course will deal with increasing the depth and application of knowledge

- Advance aspects of Pedagogy
- Depth of subject knowledge
- Practical work
- Research project on impacts of education on particular group of children using specified teaching methods
- Developing Scientific temper and its application in solving life problems
- Study and Practice of Evaluation Method
- Field Trips to experimental alternative education schools
- Self-Management: Continue Psychological and Spiritual Development Practice and Deepen theory

Special emphasis should be given to early education as this lays the foundation for human life. Pre-primary and Primary teachers should be specialized teachers, working on overall development of children.

It is preferred to have single teacher for classes: Pre-primary and Class 1, 2 and 3.

Internship Program

One year on the job internship program in any working school must be made compulsory. During internship student learns from the senior teachers and apply the knowledge they have acquired during specialization. This program has two advantages:

1. Students get an opportunity to work under supervision of senior teachers
2. Senior teachers get to learn from new age teachers

In-Service Teacher Education:

- Compulsory 15 days certificate course every 2 years to update
 - Subject knowledge,
 - New ways in Pedagogy,
 - Research in Education,
 - Current Affairs and Global outlook
 - Strengthen practice of Values in life
- Undertake one social impact project in the neighborhood once in two years
- Compulsory annual review / evaluation for all teachers
 - Common Self-evaluation framework to check the knowledge and outcome levels
 - Online test framework for continuous learning and certification in different topics
- Teachers self-help groups at various levels for seamless collaboration on topics ranging from teaching aids to challenges in handling difficult situations

- Create content and teaching aids online repository for teachers
- Repository can include: Activities, projects,
- Online expert resources / guides to help teachers
- Participation in Seminars and discussions – desirable
- Regular Personal development program for self-management – Meditation, Yoga, etc

Education Research

Indian Institute of Teacher Education should be formed in every state to create most talented teachers and also to provide facility for research in the field of Education

Continuous focus on blending modern techniques with proven methods in Indian context is required to adapt Teacher education for present generation. Research should happen to understand our gurukula system of education and its relevance in today's hi-tech concepts of personalized learning.

Define assessment framework for grading Teacher Training institutes

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