# PONJESLY COLLEGE OF ENGINEERING
### Nagercoil - 629003
*Approved by A.I.C.T.E., & Permanently Affiliated to Anna University, Chennai*
*Recognized Under 2(f) & 12(B) of the UGC Act 1956*

Kanniyakumari, Tamil Nadu, India
695X+6P5, Tamil Nadu 629502, India
Lat 8.207504°
Long 77.399236°
06/07/24 11:41 AM GMT +05:30

GPS Map Camera

Google

## SEMINAR ON NATIONAL EDUCATION POLICY 2020

Seminar on NEP 2020 was held on 06-07-2024. Dr. R.Leo Bright Singh, Associate Professor, Mechanical Engineering, MarEphrem College of Engineering & Technology created awareness among faculty members on NEP 2020.

# NATIONAL EDUCATION POLICY 2020

**Dr. R. Leo Bright Singh,**
Associate Professor,
Dept. of Mechanical Engineering,
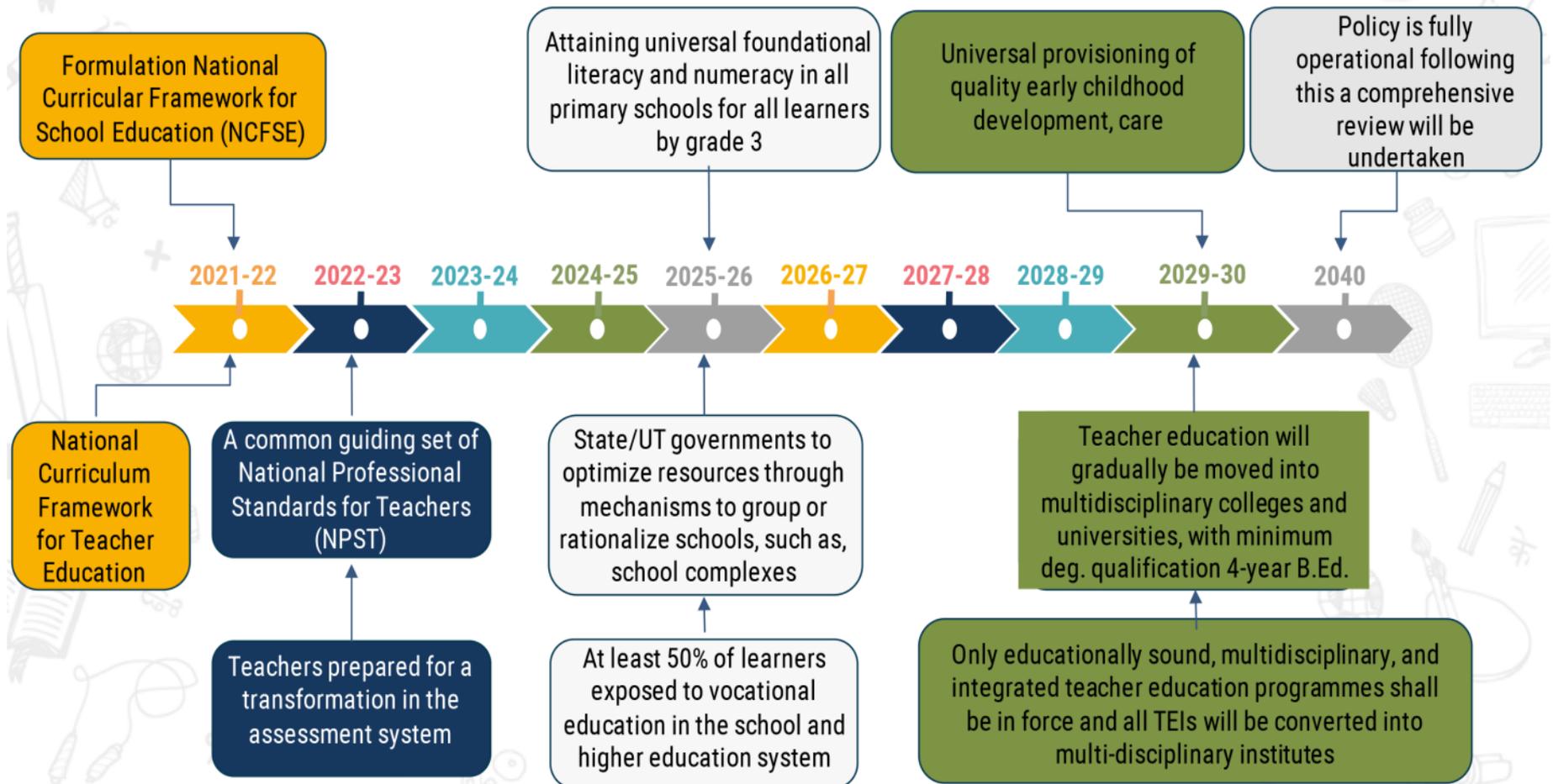Mar Ephraem College of Engineering and Technology,
Elavuvilai.

# NEP 2020

- MHRD formed a committee in 2017 headed by Dr.K. Kasturirangan
- Report was submitted on may 31,2019
- Approved by Union Cabinet on July 29,2020
- More than 2 lakh suggestions were received infavour and against the policy

- NEP 2020 is the third Education policy after 1968 and 1986
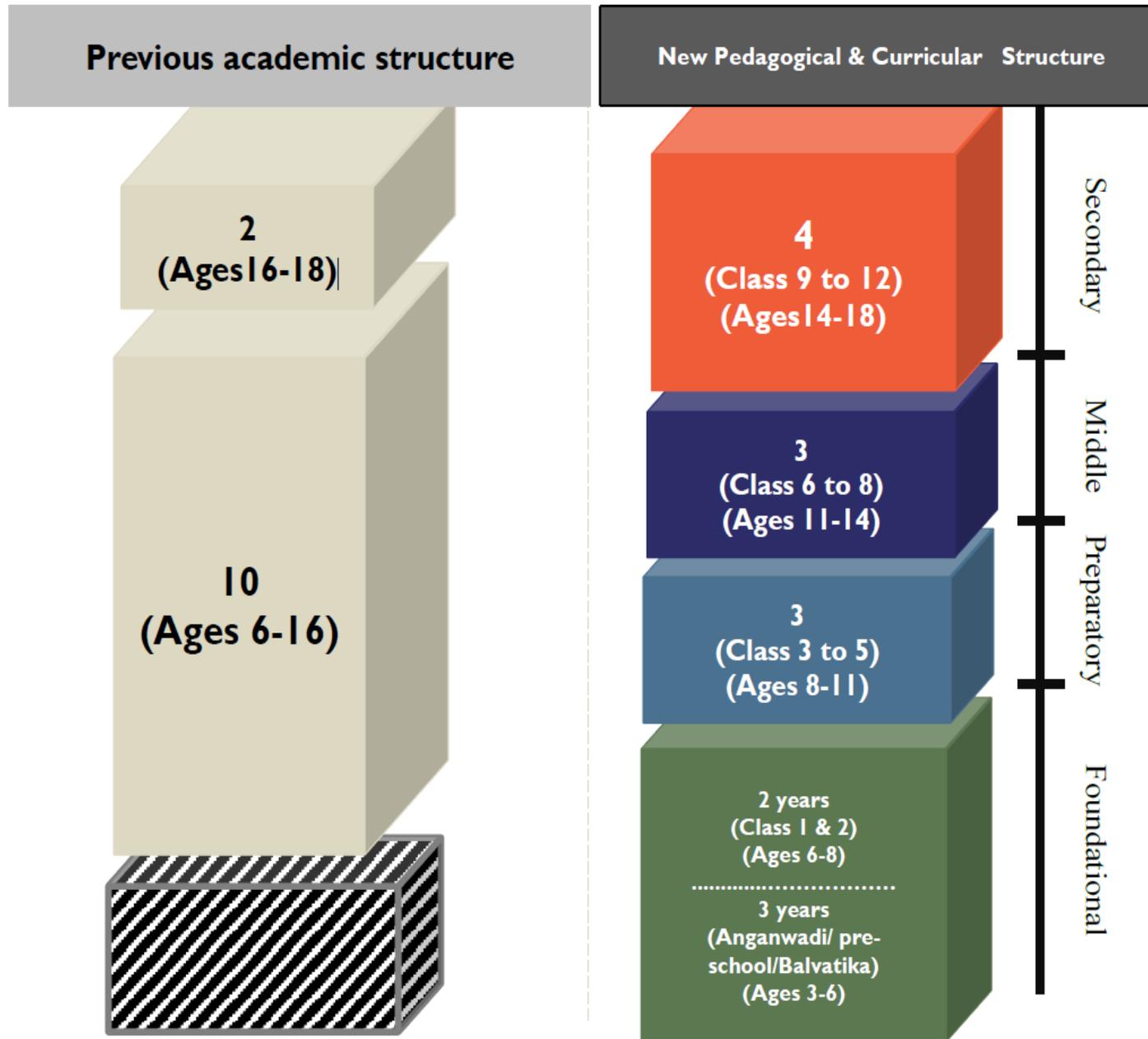
# Timeline for Implementing NEP2020

# Overview of NEP 2020

- PRINCIPLES & VISION

- SCHOOL EDUCATION

- HIGHER EDUCATION

- OTHER AREAS OF FOCUS

- MAKING IT HAPPEN

# School Education

**Previous academic structure**

2
(Ages16-18)

10
(Ages 6-16)

**New Pedagogical & Curricular Structure**

4
(Class 9 to 12)
(Ages14-18)

3
(Class 6 to 8)
(Ages 11-14)

3
(Class 3 to 5)
(Ages 8-11)

2 years
(Class 1 & 2)
(Ages 6-8)
..........................
3 years
(Anganwadi/ pre-
school/Balvatika)
(Ages 3-6)

Secondary

Middle

Preparatory

Foundational

# College Education Structure (Graduation)

- Degree program of 3 or 4 years duration
- Certificate after completing 1 year
- Diploma after completing 2 years
- Degree after completing 3 year
- Multidisciplinary Bachelors Degree after completing 4 years
- Multiple entry and exit points
- Academic Bank of Credits

# College Education Structure (Masters and PhD.)

- Masters is of 1 or 2 years duration

- PhD is of 4 years duration

- Mphil will be discontinued

- Doing a PhD shall require Masters Degree or 4 years Multidisciplinary Bachelors Degree

**Institutional Restructuring and Consolidation**

- Multidisciplinary universities
- HEI clusters/Knowledge Hubs
    - Research-intensive Universities,
    - Teaching-intensive Universities.
    - Autonomous degree-granting College

□ University, worldwide, means a multidisciplinary institution of higher learning that offers undergraduate, graduate, and Ph.D programmes, and engages in high-quality teaching and research.

□ The present complex nomenclature of HEIs in the country such as 'deemed to be university', 'affiliating university', 'affiliating technical university', 'unitary university' shall be replaced simply by 'university' on fulfilling the criteria as per norms.

- Over a period of time, it is envisaged that every college would develop into either an **Autonomous degree-granting College**, or a constituent college of a university - in the latter case, it would be fully a part of the university. With appropriate accreditations, Autonomous degree-granting Colleges could evolve into Research-intensive or Teaching-intensive Universities

- HEIs will firstly plan to become **multidisciplinary by 2030**, and then gradually increase student strength to the desired levels.

- **Single-stream HEIs** will be **phased out** over time, and all will move towards becoming vibrant multidisciplinary institutions or parts of vibrant multidisciplinary HEI clusters

- The aim will be to increase the Gross Enrolment Ratio in higher education including vocational education from 26.3% (2018) to 50% by 2035.

# Higher Education Commission of India (HECI).

- National Higher Education Regulatory Council (NHERC)

  *single point regulator*


- National Accreditation Council (NAC)

  *meta-accrediting body*


- Higher Education Grants Council (HEGC)

  *carry out funding and financing of HE*


- General Education Council (GEC)

  *frame expected learning outcomes*

## GER in 2018

- Grades 6-8 was 90.9%,

- Grades 9-10 was 79.3%

- 11-12 it was only  56.5%


- HEI it was 26.3%

# National Research Foundation (NRF).

- Department of Science and Technology (DST), Department of Atomic Energy (DAE), Department of Bio-Technology (DBT), Indian Council of Agriculture Research (ICAR), Indian Council of Medical Research (ICMR), Indian Council of Historical Research (ICHR), and University Grants Commission (UGC)

- **NRF** will carefully **coordinate with other funding agencies** and will work with science, engineering, and other academies to ensure synergy of purpose and **avoid duplication of efforts.**

# The primary activities of the NRF will be to:

- fund competitive, peer-reviewed grant proposals of all types and across all disciplines

- seed, grow, and facilitate research at academic institutions, particularly at universities and colleges where research is currently in a budding stage, through mentoring of such institutions

- act as a liaison between researchers and relevant branches of government as well as industry, so that research scholars are constantly made aware of the most urgent national research issues, and so that policymakers are constantly made aware of the latest research breakthroughs; so as to allow breakthroughs to be optimally brought into policy and/or implementation

- recognize outstanding research and progress

National Educational Technology Forum (NETF)

- To provide a platform for the free exchange of ideas on the use of technology to enhance learning, assessment, planning, administration, and so on

- Expansion of digital infrastructure shall help India become a **Global Knowledge Hub**

- The National Educational Technology Forum shall function as a **dedicated e-Education unit** in order to boost the digital infrastructure, digital content and capacity building.

# Optimum Learning Environments and Support

- Institution and faculty will have **autonomy to innovate** on matters of **curriculum, pedagogy and assessment**

- Choice Based Credit System (CBCS) to be revised

- HEI shall move to a **Criterion based grading system** (Measuring a student against the level of performance, not measuring against another student)

- Each Institution will integrate its academic plans ranging from curriculum improvement to quality of classroom transaction into its larger **Institutional Developmental Plan (IDP)**

# INTERNATIONALIZATION

- International Students office at each HEI

- Top 100 universities in the world will be facilitated to operate in India

- High Performing Indian universities will be encouraged to set up campuses Overseas

- Credit acquired in foreign universities will be permitted