

**CHITKARA**  
UNIVERSITY



NAAC ACCREDITED

Chitkara University, Himachal Pradesh



# NATIONAL EDUCATION POLICY

Initiatives & Goals

[www.chitkarauniversity.edu.in](http://www.chitkarauniversity.edu.in)

2020

# NATIONAL EDUCATION POLICY

With the rapidly changing global ecosystem and employment landscape, it is becoming increasingly crucial that students not only learn but, more importantly, learn how to learn. Consequently, education today is moving towards less content and teaching how to be creative and multidisciplinary, think critically, solve problems, and innovate, adapt, and absorb new material in dynamic fields.

To bridge the gap between the current state of learning outcomes and what is required, a new education policy was recently released by the Ministry of Education (MoE), known as the National Education Policy 2020. The new education policy is the first education policy of the 21st century to address our country's various growing developmental aspects. Covering all levels of education – from school education to higher education, including professional and adult education – the policy rests on the principles of affordability, accessibility, quality, equity, and accountability. A substantial part of the policy document is devoted to higher education, with emphasis on a multidisciplinary approach, faculty, and institutional autonomy, governance reforms, enhancing access through credit mobility, open and digital learning environment, and skills development. This policy proposes revamping and revising all aspects of the education structure, like its regulation and governance, to make a new system aligned with the goals of 21st-century education. Changes in the education policy are a major way to provide the nation with better students, professionals & better human beings. Chitkara University, among India's top-ranked private universities, has already been in the forefront of offering high-quality teaching and research in its multidisciplinary environment for many years. Taking the NEP-2020 as an opportunity to undertake a comprehensive review of the existing academic programmes and find ways to incorporate new ideas from the policy. The present document focuses on important aspects of NEP-2020 as the Chitkara University Initiatives which are already in practice and the remaining aspects/components of NEP not covered in this document may also be considered for necessary implementation as its goals in a phased manner. We are hopeful that reforms envisaged through the Policy shall see the light of the day with the active engagement and cohesive efforts of all the stakeholders.

# INITIATIVES & GOALS OF NEP-2020 AT CHITKARA UNIVERSITY

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Chitkara University has already been at the forefront of offering high-quality teaching and research in its multidisciplinary environment for many years. Initiatives that are already in practice at Chitkara University.

**01**

**Multidisciplinary And Holistic  
Education**

**02**

**Equity And Inclusion in Higher  
Education**

**03**

**Research, Innovation, and  
Rankings**

**04**

**Global Outreach of Higher  
Education**

**05**

**Motivated, Energized, and  
Capable Faculty**

**06**

**Integrated Higher Education  
System**

**07**

**Governance & Regulation**

**08**

**Promotion Of Indian Knowledge  
Systems, Languages, Culture  
and Values**

**09**

**Technology Use and Integration**

# 1. MULTIDISCIPLINARY & HOLISTIC EDUCATION

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To develop diverse capacities of human beings including intellectual, aesthetic, social, physical, emotional, interpersonal, humanistic, and moral capacities in an integrated manner.

## Initiatives

- Revision of curriculum based upon the feedback received from all the stakeholders which include Students, Alumni, faculty, and Industry.
- Follow Outcome-based education.
- IPR Cell and Research Promotion Cell (Chitkara University Research and Innovation Network) to promote the culture of quality multidisciplinary research in the university.
- Community-based projects and internships.
- Choice of Elective courses.
- Multidisciplinary Research to act as a bridge between University and Industries.
- Chitkara Happiness Centre to promote courses on Life skills and value education.
- National Service Scheme (NSS) to promote community services.
- National Cadet Corps (NCC) to Develop Character, Comradeship, Discipline, Leadership, and Secular Outlook.
- University Sports Board and the Office of Student Welfare to integrate Co-curricular and extracurricular with curricular in all disciplines and programmes
- School of Languages which helps to inspire greater cultural awareness. Studying different languages not only equips students with vital business skills, but also encourages students to explore new cultures, connect with native speakers, and travel.



## Goals

- Department of Interdisciplinary courses in Engineering (DICE), Science Technology Engineering Arts and Mathematics (STEAM) School
- Adoption of multiple entry/multiple exits: The University has conceptualized a four-year educational framework to ensure multiple entry and exit options for the student community irrespective of their age.
- Implementation of Academic Bank of Credits Scheme (already initiated).
- Preparing the Roadmap for curricular reforms in a phased manner, focusing more on multidisciplinary and holistic education.
- Incorporating relevant Indian classical texts like Bhagavad Gita, Kautilya's Arthashastra, Charaka-Samhita, Patanjali Yoga Sutras, and other seminal texts to impart an essential understanding of rich Indian traditions.
- Introduction of vocational courses.
- More research in the areas of infectious diseases, epidemiology, virology, diagnostics, instrumentation, vaccinology, and other relevant areas.

# 2. EQUITY & INCLUSION IN HIGHER EDUCATION

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Entry into quality higher education can open a vast array of possibilities that can lift both individuals as well as communities out of the cycles of disadvantage. For this reason, making quality higher education opportunities available to all individuals must be among the highest priorities. This Policy envisions ensuring equitable access to quality education for all students.

## Initiatives

Introduction of skill-based courses to increase employability potential.

All buildings and facilities (existing and upcoming) are wheelchair-accessible and disabled-friendly.

Scholarships to eligible students.

Employability to Students through Career Advancement Services.

Strict enforcement of all no-discrimination and anti-harassment rules.

Student Mentoring Cell.

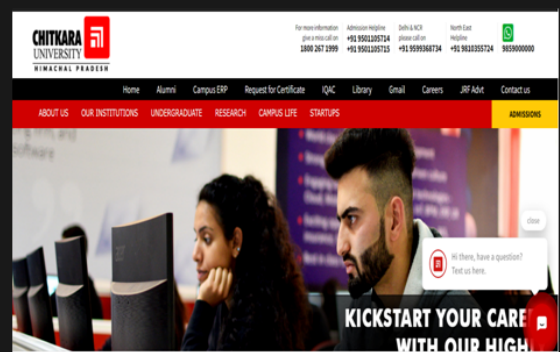
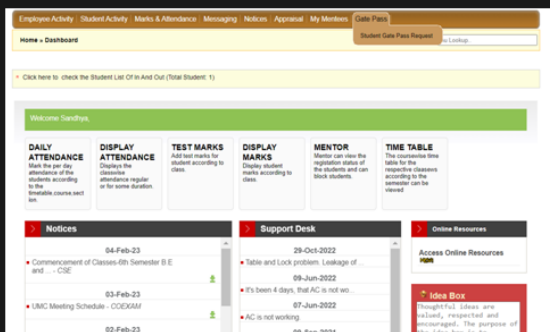
Special classes for students coming from disadvantaged educational backgrounds.

Student-friendly University Website.

Technological support to Students.

Sports/recreation facilities, Clubs, and cells for the students.





## Goals

- Development of more programme courses taught in Indian languages and/or bilingually.
- Better Institutional Development Plans that contain specific plans for action on increasing participation from Socio Economically Disadvantaged Groups.
- Flexible exit/entry options to facilitate Lifelong learning opportunities at all levels.
- Implementation of the remaining targets relating to Equity and Inclusion in Higher Education as envisioned in NEP-2020.
- More stress on the sensitization of faculty, counsellor, and students on gender-identity issues and their inclusion in all aspects of the HEI, including curricula.

# 3. RESEARCH, INNOVATION, & RANKINGS

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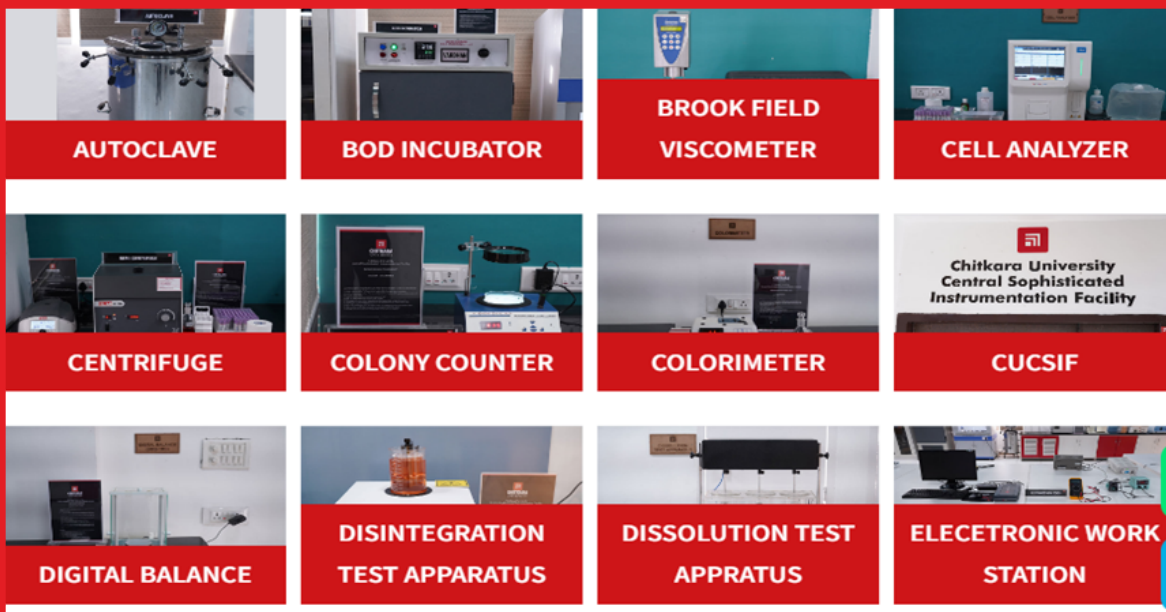
Research, Innovation, and knowledge production are highly interlinked in the global economy. Higher Education Institutions (HEIs) are relied on for research for knowledge production. At Chitkara University the emphasis is on research and innovation in addition to teaching responsibilities. To promote Research and Innovation, Chitkara University has

## Initiatives:

- Chitkara University Central Sophisticated Instrumentation Facility' also known as CUCSIF.
- Competitions on students' innovation activities at regular intervals.
- Chitkara University Research and Innovation Network (CURIN) to carry out Research and Innovation related activities.
- Institution Innovation Council (IIC) to systematically foster the culture of Innovation.
- Office of Patent Facilitation, Licensing, and Consultation (OPFLC) to help the inventor in drafting the patent application/ or any other IPR application and filling out relevant forms.
- Research Incentive Policy for Research and Innovation.
- Chitkara Entrepreneurship Education & Development (CEED) which is an Incubation Centre to carry out activities in partnership with industries/ Sector-Skill Council.







## Goals

- More focus on Interdisciplinary research including humanities and social sciences.
- More focus on research related to infectious diseases, epidemiology, virology, diagnostics, instrumentation, vaccinology, and other relevant areas.
- More emphasis on holistic education, the inclusion of research, and internships in the undergraduate curriculum.
- Implementation of the remaining targets relating to Research, Innovation, and Ranking as envisioned in NEP-2020.

# 4. GLOBAL OUTREACH OF HIGHER EDUCATION

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In an ever-changing world, global awareness and interconnectedness through the internationalization of higher education have a significant role to play in shaping the next generations of learners. The National Education Policy, 2020 envisions attaining the highest global standards in the quality of higher education. In order to achieve Global outreach of Higher Education, Chitkara University has:

## Initiatives:

- Office of International Affairs to coordinate all international affairs.
- Annual Global Week which not only catalyses infusing cross-cultural competence and knowledge sharing between the students and faculties on both sides but also provides some honest & transparent networking opportunities among the faculties.
- MOUs signed with various Universities across the globe.
- Semester Exchange Programs.
- International Summer Exchange Programs as well as Articulation Programs (2+2).
- Faculty visiting Partner Universities.
- Joint Research proposals etc.





## Goals

- Implementation of the remaining targets relating to global outreach of higher education as envisioned in NEP-2020.

# 5. MOTIVATED, ENERGIZED, AND CAPABLE FACULTY

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Motivating and energizing faculty to achieve high quality in higher education: Service conditions, faculty empowerment, performance management or career progression, and institutional leadership in HEIs must be completely overhauled so that faculty members are motivated and energized.

## Initiatives:

- Transparent processes and criteria for faculty recruitment.
- Freedom for faculty to design their own curricular and pedagogical approaches within the approved framework, including textbook and reading material selections, assignments, and assessments.
- Best infrastructure and facilities, including clean drinking water, clean working toilets, boards, offices, teaching supplies, libraries, labs, and pleasant classroom spaces and campuses.
- Timely promotions under Career Advancement Services.
- Annual Research Excellence awards/Incentives for quality publications & Research.
- Support through SEED Money and Grants
- Support for Skill Enhancement.
- Faculty Induction programs for the newly recruited faculty.
- Support for Industry certifications
- Support for Research and Patent filing
- Advanced ICT support with the latest additions to the faculty for academic, research, and extension activities.
- Mechanism for incentivizing excellence through appropriate rewards, promotions, and recognitions.

## Goals

- More emphasis to ensure that each faculty member is happy, enthusiastic, engaged, and motivated towards advancing her/his students, institution, and profession.
- Implementation of the remaining targets relating to motivated, energized and capable faculty as envisioned in NEP-2020

# 6. INTEGRATED HIGHER EDUCATION SYSTEM

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Curricular and pedagogical reforms to integrate Indian values, languages, knowledge, ethos, and traditions with the latest advances in education. At Chitkara University, we aim to provide the

## Initiatives:

- Two Integrated Programs and also a 3+1+1 program with International Partners.
- Restructuring the academic programmes in tune with the spirit of the policy to impart multidisciplinary education.
- Making the skill component necessary for Science, Engineering, and Professional Courses with an appropriate ratio for academic and skill components.
- Various clubs for up-skilling of the students.
- Integrated co-curricular and extra-curricular with curricular aspects.
- Partnership with the Ministries/ Organisations/ Institutions focused on specific skills.
- Chitkara Entrepreneurship Education & Development (CEED) for dissemination of employable skills and training to the students.
- Transformations of teachers through periodical training, autonomy in collaborative research, and adequate financial support for research and extension activities.

## Goals

- Vocational Education programmes with multiple exit/entry options.
- University will aim to offer Ph.D. and Masters' program in core areas such as Machine Learning as well as multidisciplinary fields.
- More emphasis to develop and disseminate courses in Multidisciplinary areas via platforms, such as SWAYAM.
- Implementation of the remaining targets relating to the Integrated Higher Education System as envisioned in NEP-2020.

# 7. GOVERNANCE & REGULATION

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It is effective governance and leadership that enables the creation of a culture of excellence and innovation in higher education institutions. The common feature of all world-class institutions globally including India has indeed been the existence of strong self-governance.

## Initiatives:

- Chitkara University is free of any external interference, making all appointments including that of the head of the institution, and takes all decisions regarding governance.
- Transparent self-disclosures of all relevant records.
- All the leadership positions and Heads of institutions are offered to persons with high academic qualifications and those who demonstrated administrative and leadership capabilities and abilities to manage complex situations.
- All the leaders demonstrate strong alignment to Constitutional values and the overall vision of the institution, along with attributes such as a strong social commitment, belief in teamwork, pluralism, ability to work with diverse people, and a positive outlook.

## Goals

- Making of a strategic Institutional Development Plan based on which institutions will develop initiatives, assess their progress, and reach the goals set therein, which could then become the basis for further public funding.
- Implementation of the remaining targets relating to Governance & Regulation as envisioned in NEP-2020

# 8. PROMOTION OF INDIAN KNOWLEDGE SYSTEMS, LANGUAGES, CULTURE, & VALUES

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It is through the development of a strong sense and knowledge of their cultural history, arts, languages, and traditions that children can build a positive cultural identity and self-esteem. Thus, cultural awareness and expression are important contributors to both individual as well as societal well-being.

## Initiatives:

- Celebration of the National days of Importance: Celebration of the Hindi Divas, Celebration of National Youth Day, National pollution control.
- Execution of a number of EPICS (Engineering Projects in Community Services) projects focused on technology enablement sessions for rural students, healthcare awareness sessions for rural females, entrepreneurship development sessions for unemployed rural youth by NSS and NCC volunteer students along with faculty members
- Introduction of culture related programmes in subjects such as Indian languages, history, culture, and modern India.
- Various clubs for sports, dance, music, photography, theatre activities, extension activities, and literary activities are active.





## Goals

- More promotion of Indian Languages.
- More efforts to preserve and promote all Indian languages including classical, tribal, and endangered languages will be taken on with new vigor.
- Merging of Classical language institutes with the University.
- Touring by students to different parts of the country, will not only give a boost to tourism but will also lead to an understanding and appreciation of diversity, culture, traditions, and knowledge of different parts of India.
- Implementation of the remaining targets relating to the promotion of Indian Knowledge Systems, Languages, Culture, and Values as envisioned in NEP-2020.



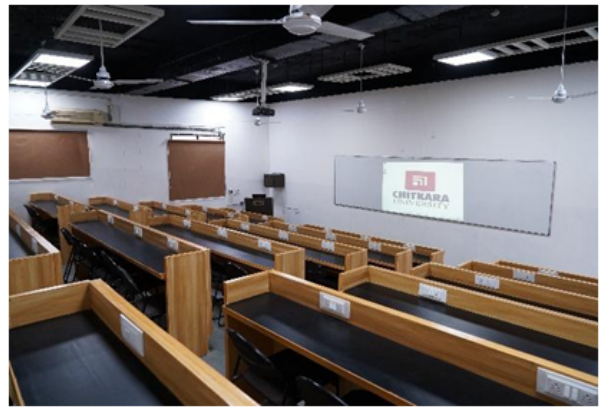
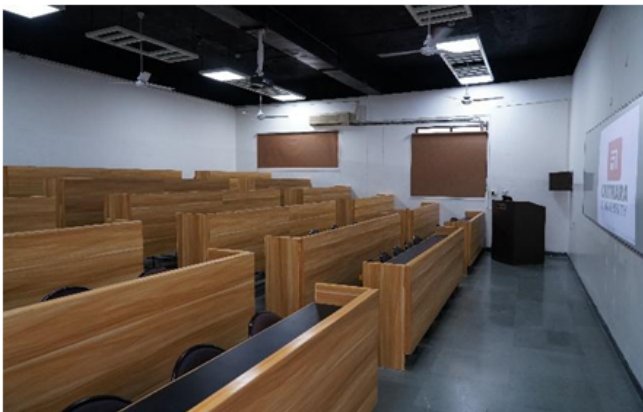
# 9. TECHNOLOGY USE AND INTEGRATION

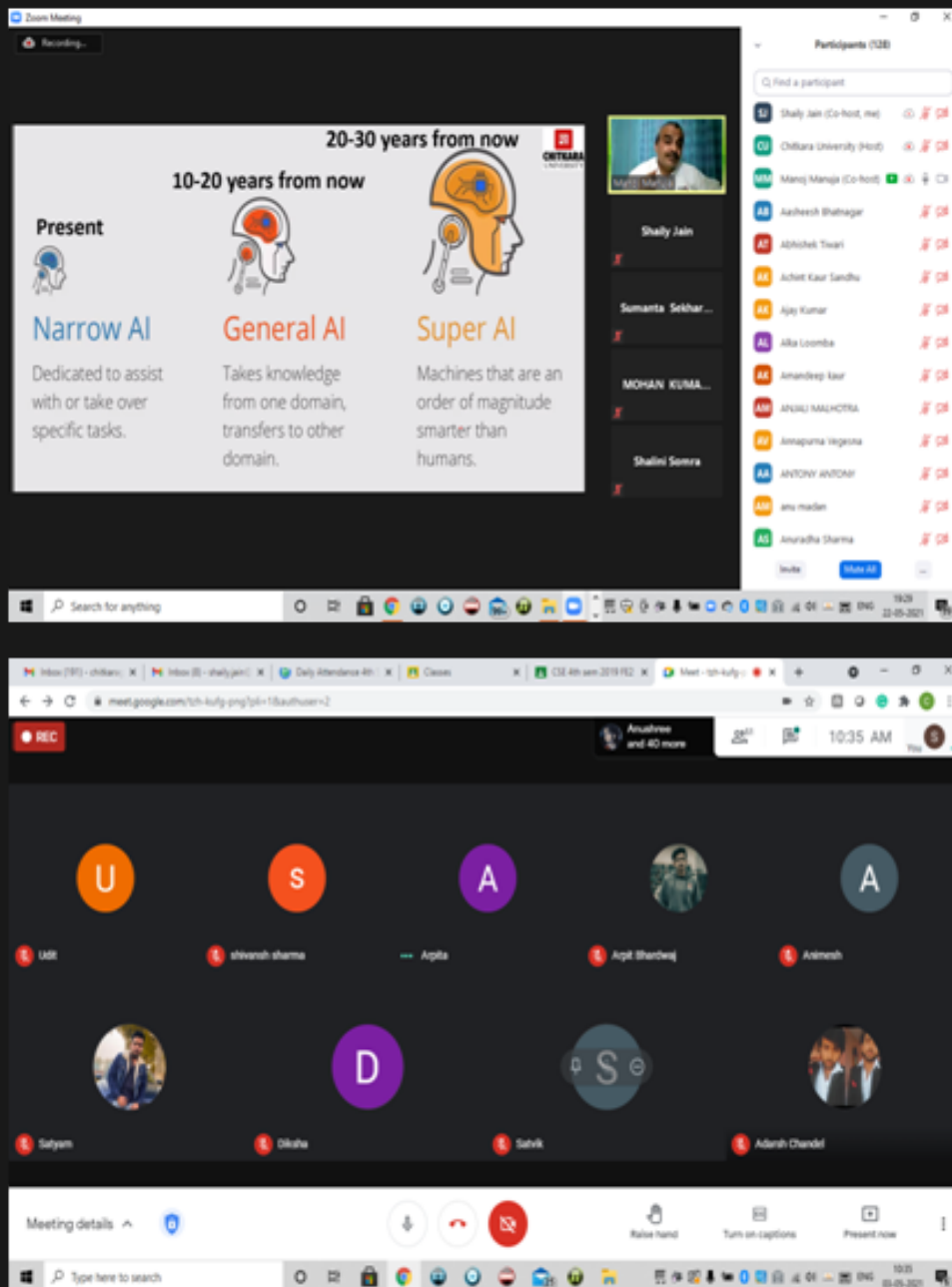
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Integration of technology in education simply refers to the use of technology to enhance the student learning experience. Utilizing different types of technology in the classroom, including a virtual classroom, creates learners who are actively engaged with learning objectives.

## Initiatives:

- Optimum use of online platforms for hybrid sessions using Google meet, zoom, Cisco Webex, etc.
- A studio facility to record and develop the MOOC courses.
- User-friendly LMS and ERP system.
- Adequate technology support for the improvement of educational processes and outcomes
- Classrooms with the latest ICT facilities with sound technical support.
- Maintaining a perfect balance between traditional and ICT-driven innovative pedagogies for better learning outcomes.





## Goals

- Advancing international research efforts to address global challenges in areas such as healthcare, agriculture, and climate change using AI.
- Advancement in developing and deploying application-based research.
- Data is a key fuel for AI-based technologies, and it is critical to raise awareness on issues of privacy, laws, and standards associated with data handling and data protection, etc. More Awareness sessions will be included.
- More Awareness highlighting ethical issues surrounding the development and deployment of AI-based technologies.
- Discussion on disruptive technologies such as those identified by NETF/MHRD.
- Implementation of the remaining targets relating to technology use and integration as envisioned in NEP-2020.

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