



ज्ञान-विज्ञान विमक्तये

University Grants Commission

CENTRAL ZONE VICE-CHANCELLORS' CONFERENCE

on the Implementation of
National Education Policy, 2020



Inauguration: **11:00 AM**
02.02.2024



Vikram University,
Ujjain,
Madhya Pradesh



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Theme 1: Multidisciplinary and Holistic Education



Holistic Approach..





Session highlights: G-1

Multidisciplinary education should create global citizens, who derive strength from ancient Bharatiya knowledge system and values and are equipped with 21st century skills.

Concerns:

- Development of proper digital infrastructure, financial, technical and human resources.
- Design of curriculum, class, conducting timely assessments/ exams and declaration of results involving a wide range of major, minor electives, vocational and other courses.
- Vocational courses at all economic strata, such as mobile repairing etc.
- Introduction of certified yoga, music, psychology and natural medicine practitioners.
- Addressal of cross issues from time to time to ensure inclusivity, gender sensitivity and inclusiveness.





Recommendations:

- Digital teaching/ online classes (development of hybrid time table)
- Dedicated time slots for field work and hands- on training.
- Promotion of Value added courses vocational education and entrepreneurship.
- Training of teachers as experts of multiple subjects.
- Promotion of multi disciplinary and collaborative research.
- Strengthen MOOCs, SWAYAM, NPTEL platforms.





Theme 2: Digital Empowerment and Online Education





Theme 2: Digital Empowerment



- **Improved Infrastructure: :**
- **Qualitative**(Online-adm, exams , web sharing, Digital materials, LMS, etc)
- **Quantitative** (States edu institutions have < 10% of ICT / Digital Tools.
- **Challenges of improving infrastructure**
- Development and enrichment of quality courses for online education of international standard, IPR and copyright issues.
- **Government of India Digital initiative** in Higher Education (SWAYAM, Nation Digital Library, E. Vidwan etc.)
- **Qualified teachers** but not effective and exposed to online education



Theme 2: Online Education

- Create National / State / Regional / Domain specific consortium to share
 - Digital resources & Infrastructure
- Autonomous Higher Education National Level ODL Centre.
- Programme/Courses in Local languages/Translation
- Maintaining Integrity Academic
- Role of digital and Online Education in NEP 2020 Curriculum





Theme 3: Skill Development and Employability



- Objective should be Soft Skill development, inculcation of professional aptitude and Life Management/Inner Engineering with strong fundamental knowledge in their study program by presenting **Role Models**.
- Higher Education Institutes are required to perform Dual roles; knowledge centre and employment skill development centre - **Come , Learn and Earn** or **Learn by Earn**.
- Universities by taking license and other formal formalities can start their manufacture units in various fields (and that activities can be part of curriculum) e.g. Food items (FSSAI license), Ayurvedic products, beauty products, stationary items production, aquaculture, organic farming, software development etc.

- **Skill Startup Cell** with “**Local based Need and Global Perspective**” motto can be setup to explore thrust areas where Demand and Supply gap is there at local level.
- Not only the students other stakeholders (Industries / Service Sectors / Government offices / Market etc.) should also be undertaken in consideration while determining and selecting skill development areas.
- Short term IDMD programs (as **Community Service programs**) as a part of curriculum can be introduced for streams of all students through which students can work for society – awareness (for rights and duties), contribute in making civil society etc. (Bandi se Bandhu tak etc.)



Theme 4: Research, Innovation and Entrepreneurship





Theme 4

- **Industry-Academia-Govt. Collaboration & Linkages**
- **Research Funding Mechanisms (NRF Implementation, Resource generation and Consultancies)**
- **Multidisciplinary Research**
- **Technology Transfer, Start-up Incubation, IPR**
- **Skill Development & Promotion of Kaushal Vikas Kendra**
- **Innovation Hubs**
- **Policy Advocacy**





Theme 4

- Sharing of Resource and Research Facilities
- Initiative of Research Awards
- University Initiatives (Research Cell, Teachers Training & Professional Development)
- Central Repositories
- Showcase of Best Practices





Theme 5: Capacity Building of Teachers for Quality Education





Theme 5



- FDP on Implementation of National Education Policy
- Capacity Building for curriculum development, assessment, evaluation based on Gap Analysis
- Training on use of IT in teaching, research, governance etc.
- Digital Content development
- Training of teaching related to vocational and skill courses
- Exposure of teachers to Industry and Entrepreneurship
- Sharing of best practices of quality HEIs
- Training on Experiential Learning



Theme 5

- Change in Mindset of the teachers to be more responsible, accountable and self motivated.
- Monitoring and assessment of the teaching learning effectiveness
- Training on use of Indian Knowledge System
- Training on administrative and leadership skills
- Filling up of vacancies, better service conditions and promotions to keep the teachers motivated.
- Funds and resources for Capacity Building Programs
- Changing role of teachers as facilitators and mentors.

Thank You





Theme 6: Governance and Autonomy





Theme 6



Autonomy

Academic Autonomy

- Autonomy is basically generic term & closely associated with self regulation of HEIs.
- Academic autonomy is not a real. It is limited and guided autonomy (Regulatory bodies/State/ University)
- Broad guidelines from UGC, in terms of nomenclature of programs, credits, etc to be followed and remodeled by State and University to maintain parity at state, national and international standards.
- Syllabus and curriculum to be developed and decided by the University.

Administrative Autonomy

- Faculty recruitment: Qualification, pay structure and selection process by UGC and state government.
- Creation and approval of academic and administrative posts by University.
- Administrative officials should be selected and appointed by the University especially in state HEIs.
- Old acts of universities should be amended.
- Right composition of committed individuals in BOGs.
- Performance Matrix in administration.
- Build a system which encourages best practices in governance.



Theme 6

Financial Autonomy

- Resource generation
- Fee, Research Grants, Collaborative projects, Alumni, etc.
- Increase in government funding,
- Increase in GER resulting more resource.
- Autonomy in wisdom full expenditure (creation of discretionary fund)



NATIONAL EDUCATION POLICY 2020

THEME 7-ACCREDITATION AND EXCELLENCE

ACTIONABLE POINTS & CHALLENGES

- Assessment should be as per the domain/objective of the Institute.
- Balanced Approach in teaching , research and effective use of resources.
- Funds and appropriate teaching faculty should be addressed.
- Implementation Of Multi-disciplinary needs to be appropriately and practically dealt
- Stakeholders should be encouraged to participate in policy making for learning outcomes.
- Appointment Of Mentor Institutions should be earmarked by the higher authorities to attract more institutions for accreditation.
- Free digital platforms/scientific platforms should be created for all institutes for free service/ collection of data and easy accessibility.



Theme 8: Equitable and Inclusive Education

Theme 8: Equitable and Inclusive Education

- Awareness needs to be increased about opportunities for SEDGs.
- Orientation for gender sensitization should be ensured during induction of the newly admitted students.
- Every University should establish an Equal Opportunity Cell to ensure equitable & inclusive education.
- Mentoring to be provided to SEDG students through Equal Opportunity Cell.
- Subsidized fee should be charged from SEDG students for online courses.



Theme 8: Equitable and Inclusive Education

- Relevant bridge courses should be offered to SEDG students.
- HEIs should include SEDG students in cultural and other committees to ensure equal participation.
- More skill based programs should be designed & offered in association with industry.
- Examination schedule of SWAYAM & other such platforms should match with examination schedule of HEIs in general.
- Online courses should be offered in multiple languages.





Theme 9: Indian knowledge system & Indian languages

भारतीय ज्ञान परम्परा

- **कृषि एवं सम्बद्ध सेक्टर्स:** भारतीय ज्ञान प्रणाली पर तकनीकों के द्वारा जैविक कृषि को और अधिक उन्नत बनाया जा सकता है।
- **स्वास्थ्य एवं कल्याण:** आयुर्वेद प्राचीन भारतीय चिकित्सा पद्धति है, वात, पित्त और कफ तीनों के बीच का संतुलन अच्छे स्वास्थ्य का सूचक है। परंपरागत औषधीय प्रणाली में पौधों का अनोखा और दुर्लभ ज्ञान है, विश्व को योग भारत की देन है, योग सूत्र के अनुसार चित्त की वृत्तियों का निरोध ही योग है।
- **विज्ञान एवं तकनीकी:** भारत का विज्ञान समृद्ध रहा है, विज्ञान की प्रत्येक विधा रसायन, भौतिकी, गणित, चिकित्सा विज्ञान, धातु शास्त्र, खगोल विज्ञान वैदिक गणित, ज्योतिष और वास्तु विज्ञान सभी में भारतीय मनीषियों का ज्ञान उत्कर्ष पर रहा है।
- **प्राचीन गणित एवं ज्योतिष:** शून्य का अविष्कार भारत में हुआ और भास्कराचार्य द्वारा रचित ग्रन्थ लीलावती है, जिसमें लघु कथाओं के माध्यम से गणित के अनेक छोटे-छोटे सूत्र दिए गए हैं।





- ▶ **भारतीय भाषा एवं लुप्त प्राय बोलियों का संरक्षण:** मातृभाषा में पाठ्यक्रम का निर्माण करना । विभिन्न राज्यों में उनकी भाषा से संबंधित ग्रंथों की सामग्री को पाठ्यक्रम एवं प्रचार प्रसार में उपयोग करना ।
- ▶ **भारतीय भाषा केंद्र एवं प्रयोगशाला:** अनुवादिनी और भाषिणी एप का प्रयोग करके स्थानीय भाषाओं में साहित्य का निर्माण करना / अनुवाद करना । भाषा आधारित विश्वविद्यालय जैसे कि हिंदी विश्वविद्यालय जैसे संस्थानों को प्रशिक्षण केंद्र बना सकते हैं । म.प्र. में चिकित्सा शास्त्र, अभियांत्रिकी की पुस्तकों का हिंदी रूपांतरण किया जा चुका है ।
- ▶ **प्राचीन ग्रन्थ:** भारतीय परम्पराओं का सन्दर्भ ग्रंथों में मिलता है, अधिकांश ग्रन्थ संस्कृत भाषा में है। परंपराओं को सीखने, आधुनिक क्षेत्रों में अपनाने, एकीकृत करने और इस पर आगे उन्नत अनुसंधान की आवश्यकता है ।
- ▶ **पारिभाषिक शब्दकोषों का सृजन:** भारतीय भाषाओं के प्रचार प्रसार हेतु केंद्रीय हिंदी निदेशालय, केंद्रीय हिंदी संस्थान आगरा और वैज्ञानिक और तकनीकी शब्दावली आयोग जैसी संस्था द्वारा अनुदान प्राप्त कर सकते हैं ।



Theme 10: Internationalisation of Education





Theme 10

- Quality education for the world with innovative approaches.
- Forex, job, research and growth opportunities for Indian Education leaders/faculty/ researchers.
- Indian MNUs – enhance their quality and their research focus in India.
- International practices, talent, research opportunities & competition.
- Opportunities for Indian Faculty members and Researchers.





Theme 10

- Exchanges, Joint/ dual degree & twinning programs; joint research-
International Exposure for Indian students
- Opportunities to learn for Indian HEI
- To develop infrastructure as per minimum standard of globalization .
- To develop research culture which encourage research mindset from
school level.
- Aim of our research culture should be to solve societal problems.





Thank you