HARYANA STATE HIGHER EDUCATION COUNCIL

No. 03/107-2025 Adv./HSHEC Dated: 27/05/2025

To
The Director General
Higher Education, Haryana
Panchkula

Sub: Guidelines for Introducing Emerging Technology Courses with Skilling Components.

Respected Sir,
Namaste

Greetings from Haryana State Higher Education Council.

Kindly refer to the subject cited above.

The Haryana Government is committed to implementing the vision of the National Education Policy (NEP) 2020, which emphasizes the importance of preparing students for the future of work by equipping them with relevant skills and knowledge. Accordingly in the 4th meeting of Haryana State Higher Education Council, held on 21.04.2025 it was recommended that courses in emerging technology having skilling component for empowering the students with job potential be encouraged and introduced in the HEIs.

In compliance with the recommendations Council has drafted following guidelines for the HEIs and State funded universities. These guidelines are designed to assist HEIs and State Funded Universities in Haryana in developing and introducing courses in HEIs in emerging technologies that integrate skilling components and enhance students' employability.

NEP 2020 recognizes the rapid advancements in technology and the consequent need for higher education institutions to adapt and prepare students for the evolving job market. It emphasizes the development of holistic and multidisciplinary education that includes vocational training, skill development, and experiential learning. These guidelines are aligned with the principles of NEP 2020 and aim to facilitate the integration of these principles into the curriculum and pedagogy of HEIs/ Universities in Haryana. Therefore HEIs/ Universities are to:

- Identify emerging technologies that are relevant to the state's economy and have high growth potential, such as Artificial Intelligence, Data Science, Cybersecurity, Internet of Things, and Blockchain Technology etc.

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- Conduct a thorough needs assessment, involving industry stakeholders, to determine the specific skills and knowledge required by employers in these fields.
- Develop a comprehensive curriculum framework that outlines the learning outcomes, course content, teaching methodologies, and assessment strategies for each course.
- Incorporate skilling components into the curriculum, including practical exercises, lab work, projects, and industry-relevant certifications.
- Integrate experiential learning opportunities, such as internships, industry projects, and workshops, into the courses.
- Provide faculty members with opportunities to update their knowledge and skills in emerging technologies through training programs, workshops, and industry immersion programs.
- Utilize technology to enhance the delivery of courses, including the use of online learning platforms, virtual labs, and other digital tools.
- Establish strong partnerships with industry to ensure that courses are aligned with industry needs, provide students with access to internships and job opportunities, and facilitate curriculum updates.
- Implement a credit framework that aligns with the National Credit Framework (NCrF) and allows for the recognition of prior learning and credit transfer.

While implementing the above guidelines it may please be ensured that the Rules, Regulations, guidelines issued by UGC from time to time are complied with. Above draft guidelines are being shared with the Department for consideration and follow-up action please.

Regards,

K.K. Agnihotri
Advisor, HSHEC

CC:
1. PS/ ACSHE for kind infromation of the Additional Chief Secretary to Govt. of Haryana, Higher & Technincal Education Deptt., Chandigarh
2. PS/ CP, HSHEC for kind information of the Chairperson, HSHEC
3. PA/ VCP, HSHEC for kind information of the Vice-Chairperson, HSHEC
4. Sr. Project Manager, HSHEC
5. Expert NEP-III, HSHEC for uploading on Council's website.
6. PA/Advisor for placing it in Master file II