Indraprastha centre for skill development (ICSD)
GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY
"A state university established by the Govt. Of NCT Delhi"
Sector 16-C, DWARKA, NEW DELHI-110078

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Circular

Sub: Objectives for setting up the Indraprastha Centre for Skill Development (ICSD) at GGSIPU.

Guru Gobind Singh Indraprastha University (GGSIPU) has a unique, comprehensive academic ecosystem that spans almost every major domain—from engineering and medicine to humanities and basic sciences. Establishing ICSD addresses the need of the hour by filling skill gaps, creating critical structures, and identifying strategic priorities and objectives across the university campus and its affiliated network to promote skill development initiatives.

Integrating **skilling into higher education** marks a fundamental shift from traditional degree-oriented learning to a dual framework focused on domain knowledge and job market readiness. Modern higher education institutions (HEIs) like GGSIP University need to align academic curricula with practical competencies to adapt to technological shifts, changing employer demands, and evolving workforce structures.

1. The reasons for such integration:

- **Overcoming the "Degree vs. Skill" Mismatch:** Conventional academic degrees often teach theoretical foundations without practical exposure, resulting in underemployed or unemployable graduates. Embedded skilling bridges this gap.

- **Industry 4.0 & Rapid Technological Shift:** Emerging domains—such as Artificial Intelligence, cloud computing, cybersecurity, data analytics, and green technology—require technical competencies that update faster than traditional university syllabi, which need to be revised at a faster pace.

- **Multidisciplinary Capability:** Employers increasingly value hybrid talent and multitasking—such as engineering graduates with business acumen or humanities majors proficient in data visualisation and digital tools.

In view of the above and the need of the hour, the following objectives are laid out and adopted for GGSIP University and its affiliated colleges

The core objectives:

1. To operationalise NEP 2020 & Credit Frameworks

- Implement NCrF Integration: Embed National Credit Framework (NCrF) guidelines into academic structures to facilitate seamless credit transfers for vocational, skill-based, and practical learning via the Academic Bank of Credits (ABC), in consultation with respective Deans of USS and affiliated colleges.

- Mandate Skill Enhancement Courses (SEC): Standardise, manage, and audit Skill Enhancement Courses (SEC) and Value-Added Courses (VAC) across all University Schools of Studies (USS) and affiliated colleges, in consultation with Deans of USS and affiliated colleges.

2. To Execute Apprenticeship Embedded Degree Programs (AEDP)
   - University-Wide AEDP Execution: Serve as the nodal authority driving **UGC/AICTE-guided** Apprenticeship Embedded Degrees, allowing students in 3-year and 4-year programs to earn 20–30% of their degree credits through full-time industry apprenticeships. The same will be implemented through discussions with Deans, USS and affiliated colleges.

   - National Portal Management: Oversee university registration, compliance, and student onboarding on government apprenticeship portals, including NATS (National Apprenticeship Training Scheme) and NAPS (National Apprenticeship Promotion Scheme).

3. To build Industry-Academia Bridges & Corporate Alliances
   - Co-Designed Curricula: Execute MOUs with corporate partners, Sector Skill Councils (SSCs), and industry leaders to co-develop course syllabi, offer industry certifications (e.g., AWS, Cisco, SAP), and co-teach specialised modules.

   - Securing Paid Apprenticeships & Stipends: Ensure corporate partners comply by providing structured, stipend-backed on-the-job training opportunities and pre-placement offer (PPO) pipelines for students.

4. To promote direct Cross-Disciplinary & Inter-Engineering Minors
   - Launch Skill Minor Degrees: Offer interdisciplinary 20–30 credit Minor programs (e.g., *AI & Data Analytics for Non-Tech Streams*, *MedTech*, *Techno-Legal Studies*, or *Robotics/IoT for Traditional Engineering Streams*) running on zero-overlap or weekend schedules. The same will be implemented through discussions with Deans, USS and affiliated colleges.

   - Foster Multi-Disciplinary Projects: Bridge skill training across diverse schools (engineering, management, biotechnology, law, design, and humanities) to encourage interdisciplinary innovation. The same will be implemented through discussions with Deans, USS and affiliated colleges.

5. To create centralised Advanced Infrastructure & Incubator Links
   - Manage Shared Skill Hubs: Supervise state-of-the-art training facilities, 3D prototyping workshops, CAD/CAM simulation suites, and software labs.

   - Feed the Startup Pipeline: Connect skill-based student projects directly into pre-incubation and incubation programs, and startup scaling.

6. To adopt Standardised Assessment & Faculty Development

- Implement Competency-Based Evaluation: Standardise joint academic-industry evaluation frameworks, combining workplace supervisor scorecards (60% weightage) with university academic viva and logbook defences (40% weightage). The same will be implemented through discussions with Deans, USS and affiliated colleges.

- Train-the-Trainer (ToT) Initiatives: Conduct regular Faculty Development Programs (FDPs) and industry immersion workshops to continuously upskill university faculty as certified skill instructors.

Keeping in view the above, it is desired that the same be put on the university website, under the ICSD page and on the university circular page.



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Copy to:

1. All Deans, GGSIP University
2. AR, VC Secretariat, GGSIP University.
3. AR, Office of the Registrar, GGSIP University.
4. Head, UITS cell, for uploading the same on the university website
5. Guard file