



Kalam Patent Center (KPC) Policy Document



1. Preamble

The Kalam Patent Center (KPC), operating under the aegis of the Innovation Hub at Dr. APJ Abdul Kalam Technical University (AKTU), Lucknow, is established to provide comprehensive support for patent filing and protection to students, faculty, researchers, startups, and grassroots innovators across the state. In alignment with the University's mission to foster innovation and industrial growth, this policy will govern the structure, functioning, and responsibilities of the KPC for a five-year period (after implementation).

Amendment Clause: The policy shall remain in force for five years from the date of implementation. However, the policy may be reviewed annually and amended, if necessary, by a competent committee nominated by the Hon'ble Vice-Chancellor of AKTU.

2. Vision & Mission

Vision: To establish AKTU as a national leader in innovation and intellectual property creation, contributing significantly to the innovation ecosystem of Uttar Pradesh inline with vision and mission of AKTU and Innovation Hub.

Mission: To achieve 500 IP in five years by removing financial, legal, and procedural barriers for innovators under AKTU's ecosystem.

3. Objectives

- File 500 IP over five years through a centralized, fully-funded support system.
- Empower students, faculty, and grassroots innovators with end-to-end IPR services.
- Enhance AKTU's standing in NIRF, ARIIA, NAAC, and Startup India rankings.
- Improve the Innovation Index of Uttar Pradesh by fostering IP culture.
- Facilitate collaboration among academia, industry, and startups.

4. Core Features of the Policy

4.1 Full Financial Support

AKTU shall bear the **entire cost** of patenting (from filing to grant) with **no reimbursement required** from inventors. The university shall not seek any **equity, ownership, or profit share** from the invention.

4.2 Co-Applicant Clause

AKTU shall be listed as a **co-applicant** solely for administrative and facilitative purposes, with **no commercial claims** on the invention.

5. Affidavit Terms & Conditions

Every inventor availing of KPC's services shall sign an affidavit containing the following conditions:

- The inventor confirms AKTU's role as co-applicant is limited to support and does not imply any commercial ownership.
- AKTU will not claim any royalty, equity, or intellectual property share.
- All expenses (filing, examination, prosecution, grant) will be borne by AKTU.
- The inventor agrees to cooperate fully during the process and follow KPC's procedures.
- Any false statement or misuse of services is subject to legal consequences.

The affidavit format is appended in Annexure A.

6. Infrastructure and Staffing

- **Location:** Innovation Hub, AKTU
- **Office Setup:** Partitioned area for patent firms, with shared access to seminar halls and other common facility of Innovation Hub.
- **Staffing:**
 - Head, KPC: Nominated by Hon'ble VC, AKTU
 - Patent Coordinator
 - Patent Assistant
 - Admin & Legal Support Staff (as required)
 - Empaneled Patent Attorneys (10 firms covering multiple domains)

7. Services Offered

7.1 Patentability Counselling

Patentability counselling at the Kalam Patent Center (KPC) serves as the entry point for innovators seeking to protect their intellectual property. This service involves a comprehensive evaluation of the invention to determine its eligibility for patent protection. The process includes an in-depth consultation with experienced patent attorneys who assess the novelty, inventive step, and industrial applicability of the proposed innovation. Innovators are guided through the legal framework of patent laws, including non-patentable subject matter under the Indian Patents Act. The objective is to equip inventors with a clear understanding of the strengths and weaknesses of their ideas from a patentability standpoint and to help them decide on the appropriate strategy for filing, whether in India alone or through international routes like the Patent Cooperation Treaty (PCT). Counselling sessions also include support in filling out

structured invention disclosure forms and explaining the procedural roadmap for the patent lifecycle.

7.2 Prior Art Search

The Prior Art Search service offered by KPC is a critical pre-filing step designed to investigate existing knowledge and technologies that may affect the novelty of an invention. Using advanced national and international patent databases, trained professionals conduct a structured search to identify any existing publications, patents, or literature that closely resemble the proposed invention. The objective is to ensure that the invention has not been previously disclosed, thereby safeguarding against potential rejections or legal disputes. Following the search, the innovator receives a detailed analytical report highlighting similar technologies, with a comparative study to understand the differentiating features of their invention. Based on these insights, a go/no-go recommendation is provided. The service not only enhances the quality of filings but also empowers inventors with the knowledge to refine or pivot their ideas before proceeding to the drafting phase.

7.3 Drafting and Filing of Patents (Indian & PCT)

Drafting and filing is the core legal service at KPC, where inventors' ideas are translated into robust and compliant patent applications. The drafting process involves technical and legal experts working closely with inventors to construct clear, concise, and enforceable patent specifications. This includes preparing both provisional and complete specifications, depending on the stage of development of the invention. Every detail—from the abstract and field of invention to the detailed description and claims is meticulously crafted to meet the standards of the Indian Patent Office and, where applicable, international jurisdictions. Once drafted, the patent applications are filed digitally with the Indian Patent Office and, in cases seeking international protection, with WIPO under the PCT framework. The KPC manages all administrative tasks associated with filing, including document formatting, fee payments, and confirmation receipt, ensuring a smooth and compliant filing experience.

7.4 Prosecution and Legal Support

Patent prosecution refers to the process that takes place after a patent application is filed and during its examination by the patent office. At KPC, inventors receive end-to-end legal support throughout this critical phase. The center handles all communications with the patent office, including drafting and submitting responses to examination reports, addressing objections, and participating in hearings if necessary. Legal experts at KPC interpret examiner comments and prepare well-reasoned technical and legal justifications to defend the patent's eligibility. In cases where amendments to claims or other documents are required, the center manages these modifications with precision. Inventors are kept informed at every stage, with regular updates on timelines, procedural requirements, and legal implications. The aim is to ensure that patent applications meet all formal and substantive requirements for a successful grant.

7.5 IP Commercialization Support

Beyond securing patents, KPC plays a proactive role in helping inventors unlock the commercial potential of their intellectual property. The commercialization support includes identifying avenues for licensing, industry collaboration, and startup formation. The center evaluates the market readiness of inventions and connects innovators with industry stakeholders, including investors, accelerators, and government funding schemes. For technologies with strong commercial promise, assistance is provided in drafting licensing agreements or technology transfer documents. Inventors interested in entrepreneurship receive guidance on building business models around their patents, often with support from incubation centers within AKTU. Through these efforts, KPC ensures that innovations move beyond paperwork and contribute to economic and social value generation.

7.6 IP Awareness Seminars and Workshops

To nurture a culture of innovation and intellectual property awareness, KPC organizes regular seminars, workshops, and educational campaigns across AKTU and its affiliated institutions. These events are aimed at sensitizing students, faculty, startups, and grassroots innovators about the significance of IP protection, the basics of patent law, and the steps involved in filing and commercialization. At least two awareness sessions are held each month, often featuring domain experts, legal professionals, and successful inventors. These programs include hands-on workshops on patent search, drafting techniques, and IP management strategies. Additionally, the center conducts IP-themed competitions and short-term certificate courses to further enhance understanding and engagement. Through these initiatives, KPC seeks to build a state-wide IP-conscious academic and innovation ecosystem.

8. Empanelment of Patent Firms

Patent firms will be selected based on:

- Technical domain expertise
- 3+ years of experience
- Proven success in national/international patents
- Capacity to handle multiple projects
- Commitment to organize minimum two IP awareness sessions per month

Duration of Empanelment: Initial 2 years, extendable based on performance reviews by KPC.

Full empanelment process details are listed in Annexure B.

9. Performance Review

- Annual performance assessments of empaneled firms.
- Non-performing firms may be replaced based on committee recommendations.

10. Monitoring and Governance

A Steering Committee, constituted by the Hon'ble Vice Chancellor, will oversee implementation, recommend policy amendments, and monitor performance indicators such as:

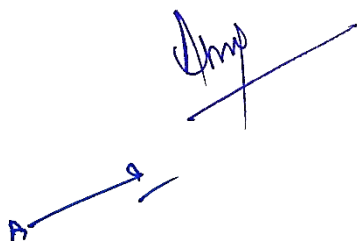
- Number of patents filed/granted
- Domain-wise distribution
- Outreach activities conducted
- Inventor satisfaction and feedback

11. Outreach and Collaboration

- IP sensitization drives in affiliated colleges
- Training programs for faculty, students, and startups
- Collaborations with industry, incubation centers, and government IP bodies
- Support to grassroots innovators through CST, MSME, and other platforms

13. Implementation Timeline

Year	Patent Target	Events	Manpower Growth
Year 1	50 Patents	20+	Setup
Year 2	70 Patents	30+	Expanded
Year 3	100 Patents	30+	Optimized
Year 4	140 Patents	30+	Full Scale
Year 5	140 Patents	30+	Sustainability

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Handwritten signature in blue ink, appearing to read 'Rajiv'.