



**Government of Khyber Pakhtunkhwa
DIRECTORATE GENERAL OF SCIENCE & TECHNOLOGY**

1st Floor Midway Building, Old Shami Road, Peshawar Cantt.
<https://dost.kp.gov.pk/>

Phone # 091- 9216580



APPLICATION FORM FOR PATENTING AND PROTOTYPING SUPPORT

Part 1: APPLICANT'S DETAILS

1-1. Name of the Applicant/Inventor (Dr./Mr./Ms.) :

1-2. CNIC :

1-3. Status/Designation :

1-4. Department :

1-5. Institution :

1-6. Address :

1-7. Cell :

1-8. Email :

1-9- NAME, DESIGNATION AND ORGANIZATION OF CO-INVENTORS.

1-10- NATURE OF THE PARTNERSHIP OF INSTITUTION WITH THE INVENTOR

☐ Equal partner

☐ Sole property of the institution

☐ Sole property of the inventor

☐ Others _____



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Part 2: RESEARCH DETAILS

2.1. TITLE OF INVENTION :

2-2. MAJOR AREA: ☐ Advanced Materials ☐ Bio-Medicine ☐ Space Sciences

☐ Archeology ☐ Bee and Honey ☐ Fruits and Vegetables ☐ Fisheries ☐ Herbs and Medicinal Plants ☐
Gemstones ☐ Micro hydro Plants ☐ Urban Environment

Part 3: PATENT/PROTOTYPE IDEA – BASIC INFORMATION

3.1. BRIEF/SUMMARY/ABSTRACT OF THE PATENT/PROTOTYPE IDEA:

3-2. PRIOR EXISTING TECHNOLOGY. Describe the previous old methods, materials or apparatus used by others to perform the purpose of the invention and give their limitations/disadvantages.

(please **attach prior art search report**)

3-3. PRIOR USE, SALE OR PUBLICATION. Identify any past use, sale, display or publication of the invention (include dates).



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3-4. PLANNED USE, SALE OR PUBLICATION. Please provide details with regards to timing of planned use, sale, display or publication of the invention. **Please inform legal counsel immediately if these dates change.**

3-5. POTENTIAL LICENSEES. List any companies or entities in the field to whom the underlying technology may be of interest or which has similar/analogous products.

3-6. USER/CUSTOMER VALIDATION OF THE PROJECT

3-7. COMMERCIAL POTENTIAL OF THE PROJECT

3-8. CANDIDATES PLAN TO DISSEMINATE HIS/HER RESEARCH FOR IMPACT OUTSIDE THE LAB

Part 4. DISCLOSURE OF INVENTION

4-1 PURPOSE. State the purpose of the invention.



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4-2 PHYSICAL STRUCTURE. Describe the physical structure of your invention/prototype (if applicable). Sketches, photos, or other illustrations should be attached to this form to fully illustrate your invention. In the description of the physical structure, use reference characters to refer to components in attached illustrations.

4-3 OPERATION/FUNCTION/USE. Give a detailed description of the invention's operation, function and use.

4-4. METHOD OF PREPARATION. Give a detailed description for the method of preparation of the invention's (If required)

4-5. NOVELTY. Identify the features of the invention believed to be new/novel or any inventive step.

4.5 ALTERNATIVES. Indicate any alternative methods, materials, or apparatus of the invention.

4-6. HOW PATENT/PROTOTYPE WILL LIKELY CONTRIBUTE TO:

- (a) Socioeconomic
- (b) Product Commercialization



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Part 5: DECLARATIONS

5-1 Please mention if institution recommendations' letter and market assessment form is attached.

5-2. Current market demand global or local (if any)

5-3. DECLARATION BY THE RESEARCHER

- I hereby solemnly declare that the above-mentioned patent/prototype idea will be used for academic/ research purposes only, and the results will be used for commercialization through the institution whose facilities are used and the Directorate General of Science and Technology.
- Once the patent/prototype is issued, I will abide by my institution/HEI/R&D and Directorate General of Science and Technology Intellectual Property Laws, which prevail at the time concerned.
- I the applicant/inventor of this patent/prototype idea, agree to report the progress of my registered patent/prototype and its contribution towards the economy and mankind.
- I will fully cooperate with the university/institute/R&D organization and report to the Directorate General of Science and Technology, Government of Khyber Pakhtunkhwa, for commercialization of the patent/prototype.

Applicant Signature and Stamp



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5-5 DECLARATION BY THE DIRECTOR (ORIC) / DEAN RESEARCH

I hereby solemnly declare that the above requested patent idea has no prior disclosure and has been confirmed through the Prior Art Search. The institution patent/prototyping review committee on the basis of market survey has ensured the availability of market for this idea if patent is granted/issued (the same is attached with the application). Once a patent is issued/granted to the inventor he/she will be bound to follow his/her institution/HEI/R&D organization Intellectual Property Laws prevails at the time concerned and report to Directorate General of Science and Technology Government of Khyber Pakhtunkhwa.

1. The applicant/inventor and institute/ organization concerned will be bound to report the progress of his/her registered patent and its contribution towards economy and humankind.
2. It will be the responsibility of university/institute/R&D organization concerned to commercialize the patent and report to Directorate General of Science and Technology Government of Khyber Pakhtunkhwa.

Director (ORIC)
(Signatures & Official Stamp)

Vice Chancellor/Rector/Head of Institute
(Countersignatures & Official Stamp)

The following documents MUST be attached with the application form:

- i. Market Assessment Statement ☐
- ii. List of research articles of the PI ☐
- iii. Consent of the institution's patent review committee /NOC from ORIC ☐
- iv. Prior art search report ☐
- v. An NIH Style Bio sketch (format available on the website). ☐
- vi. Outreach and Community Engagement Plan. ☐
- vii. Letter of Support from Industrial Partners or business partners. ☐

Send your application and proposal to:

Director General
Directorate General of Science and Technology
Govt. of Khyber Pakhtunkhwa, Peshawar
First Floor, Midway Building Shami Road Peshawar Cantt.

Also, send the scanned Application form to the following email address

Email: yousaf.dost.kp@gmail.com