**INVENTION DISCLOSURE FORM**



**INSTITUTE OF AERONAUTICAL ENGINEERING**

**(Autonomous)**

Dundigal, Hyderabad - 500 043, Telangana

**Office of Intellectual Property Management and Commercialization (IPMC)**

This form should be used by Researchers/Inventors of the Institute of Aeronautical Engineering, Dundigal, Hyderabad, and completed to secure and obtain patent protection for the same. This form is essentially designed to help the Researchers/Inventors to organize their thoughts about their invention in a structured manner. The Inventors are encouraged to explain their invention in an extremely simplistic manner and in complete terms to allow a person not familiar with the relevant technology to easily understand the disclosed invention. The disclosed invention would enable IP Attorneys to assess its patentability and draft a patent application on the same.

**This invention disclosure form contains information that is proprietary and highly confidential. Unauthorized possession, viewing, or distribution of the form is strictly prohibited.**

**Instructions to fill the Invention Disclosure Form**

* Complete this document using *Microsoft word* by entering information in the form fields
* Please do not limit yourself, disclose your invention to the fullest possible.
* The invention must be explained with reference to the properly labelled drawings and flowcharts
* Print the document and obtain the signatures of the inventor(s)
* Submit the signed form along with any supporting documents to: Office of Intellectual Property Management and Commercialization.

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| Institute of Aeronautical Engineering (IARE) institutional Intellectual Property Rights (IPR) Policy set out a clause on “obligation of disclosure of invention” to institutes IPMC office | | | | | | | | | | | | | | | | | | | | Yes ( ) | | | | No ( ) |
| 1. | | | | | **Title of Invention: (maximum 15 words)** | | | | | | | | | | | | | | | | | | | |
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| 2. | | | | | **Field of Engineering or Technology** | | | | | | | | | | | | | | | | | | | |
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| 3. | | | | | **Inventor details of all inventor(s)**  (Instruction: Repeat boxes on the case more than one inventor) | | | | | | | | | | | | | | | | | | | |
| 3.1 | | | | | Full Name | | | | | |  | | | | | | | | | | | | | |
| 3.2 | | | | | Employ ID/ Roll.No | | | | | |  | | | | | | | | | | | | | |
| 3.3 | | | | | Department | | | | | |  | | | | | | | | | | | | | |
| 3.4 | | | | | Designation (if employ) | | | | | |  | | | | | | | | | | | | | |
| 3.5 | | | | | Citizenship | | | | | |  | | | | | | | | | | | | | |
| 3.6 | | | | | Full residential address | | | | | |  | | | | | | | | | | | | | |
| 3.7 | | | | | Mobile | |  | | | | Email | | |  | | | | | | | | | | |
| 3.8 | | | | | Estimated intellectual contribution to the invention in % (Total 100%) | | | | | | | | | | | | | | |  | | | | |
| 4. | | | | | **What problem does this invention solve?**  (Instruction: Do not describe the invention but instead focus on the problem found with existing technology, processes or services, or a recognized problem not adequately solved by existing technologies, processes or services.) | | | | | | | | | | | | | | | | | | | |
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| 5. | | | | | **What is the stage of development of the invention?** | | | | | | | | | | | | | | | | | | | |
| 5.1 | | | | | Idea / Concept | | | | ( ) | 5.2 | | Early Stage | | | ( ) | 5.3 | Proof of concept | | | | ( ) | | | |
| 5.4 | | | | | Prototype | | | | ( ) | 5.5 | | Industry interest/use | | | | | | | | | ( ) | | | |
| 6. | | | | | **Summary of Invention** (Describe the invention in detail in a maximum of 150 words)  (Instruction: Consider the commercial applications of the technology and how they might be applied to a product, process or service. Importantly, please describe what aspects of the inventions have been proven experimentally and what is shown by the data. Also, describe what materials or prototypes have been created in relation to the invention. Attach any technical documents of Invention including (submitted or draft) manuscripts, posters, theses and grant applications.) | | | | | | | | | | | | | | | | | | | |
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| 7. | | | | | **Date of Invention**  (Instruction: The date is when the inventor(s) devised the essential concepts of the invention but without necessarily having proved that it would work or having built a prototype.) | | | | | | | | | | | | | | | | | | | |
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| 8. | | | | | | **Resources used in the college for the generation of idea/prototype**  (Instruction: which laboratory/equipment uses to generate the idea/prototype) | | | | | | | | | | | | | | | | | | |
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| 9. | | | | | | **Competitive Advantage**  (Instruction: Describe the competitor technologies, processes or services which attempt to address the above-described problem. What is the closest existing or known technology – please provide links to the related companies’ products or service web pages. What are the advantages and benefits of your invention over these competitor approaches – have you experimentally compared your invention to the “gold standard” competitor technology or process?) | | | | | | | | | | | | | | | | | | |
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| 10. | | | | | | **Application of Invention for solving a problem**  (Instruction: To what can this invention be applied? (Technical applications)) | | | | | | | | | | | | | | | | | | |
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| 11. | | | | | | **Future Research**  (Instruction: If Yes, what further research will be conducted over the next 12 months to demonstrate proof of concept or further validate the invention?) | | | | | | | | | | | | | Yes ( ) | | | No ( ) | | |
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| 12. | | | | **Public Disclosures**  (Instruction: Provide details of any public disclosures of this invention by contributors including publications, theses, posters, presentations, abstracts, submitted manuscripts and patents. Please also attach copies or transcripts of these disclosures. May declare the type & aspect of each disclosure.) | | | | | | | | | | | | | | | | | | | | |
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| 13. | | | | **Sources of Funding** | | | | | | | | | | | | | | | | | | | | |
| 13.1 | | | | Was the invention developed using any research grants/contract funds? (If yes, provide details) | | | | | | | | | | | | | | | Yes ( ) | | | No ( ) | | |
| 13.2 | | | | Grant Reference Number | | | | | | |  | | | | | | | | | | | | | |
| 13.3 | | | | Title | | | | | | |  | | | | | | | | | | | | | |
| 13.4 | | | | Name of the Sponsor | | | | | | |  | | | | | | | | | | | | | |
| 13.5 | | | | What are the Obligations to sponsors?  (Are you aware of any obligations to any sponsors e.g. disclosure of inventions/IP, final project reports, or commercial grant of rights ?) | | | | | | | | | | | | | | | Yes ( ) | | | No ( ) | | |
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| 14. | **Collaborators**  (Instruction: if yes, provide the details of external collaborators who have contributed to the invention) | | | | | | | | | | | | | | | | | | Yes ( ) | | | No ( ) | | |
| 14.1 | Collaborator | | | | | | | | | |  | | | | | | | | | | | | | |
| 14.2 | Affiliation | | | | | | | | | |  | | | | | | | | | | | | | |
| 14.3 | Contribution of collaborator | | | | | | | | | |  | | | | | | | | | | | | | |
| 15. | **Use of Information from others**  (Instruction: Was any aspect of the Invention made possible, in whole or in part, by the use of information obtained from individuals other than contributors listed above or from organizations other than the Institution? If so, provide) | | | | | | | | | | | | | | | | | | Yes ( ) | | | No ( ) | | |
| 15.1 | Information provider | | | | | | | | | |  | | | | | | | | | | | | | |
| 15.2 | Affiliation of provider | | | | | | | | | |  | | | | | | | | | | | | | |
| 15.3 | Details of information provided | | | | | | | | | |  | | | | | | | | | | | | | |
| 16. | **Use of Materials**  (Instruction: Was any aspect of the Invention made possible, in whole or in part, by the use of tangible materials obtained from individuals other than the inventors listed above or from organizations other than the IARE? If so, provide) | | | | | | | | | | | | | | | | | | Yes ( ) | | | No ( ) | | |
| 16.1 | Material provider | | | | | | | | | |  | | | | | | | | | | | | | |
| 16.2 | Affiliation of provider | | | | | | | | | |  | | | | | | | | | | | | | |
| 16.3 | Details of material provided | | | | | | | | | |  | | | | | | | | | | | | | |
| 16.4 | Was a Material Transfer Agreement (MTA) signed in respect of receipt of the materials? (Instruction: If yes, please provide a copy) | | | | | | | | | | | | | | | | | | Yes ( ) | | | No ( ) | | |
| 17. | **Materials** (Instruction: In the course of creating the invention have you developed any materials that may be of commercial value? Please provide details. Such materials are often of a biological nature e.g., cell lines, antibodies, plasmids, disease models and assay but can include any non-biological material or prototypes) | | | | | | | | | | | | | | | | | | Yes ( ) | | | No ( ) | | |
| 17.1 | Were any of materials received from external organizations used in the development of or incorporated into the materials described above? If yes, Please provide details. | | | | | | | | | | | | | | | | | | Yes ( ) | | | No ( ) | | |
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| 18. | | | | **Use of Software** (Was any aspect of the Invention made possible, in whole or in part, by the use of Software obtained from individuals other than contributors listed above or from organizations other than the IARE? If yes, provide details) | | | | | | | | | | | | | | | Yes ( ) | | | No ( ) | | |
| 18.1 | | | | Software provider | | | | | | |  | | | | | | | | | | | | | |
| 18.2 | | | | Affiliation of provider | | | | | | |  | | | | | | | | | | | | | |
| 18.3 | | | | Details of Software provided | | | | | | |  | | | | | | | | | | | | | |
| 19. | | | | **Software**  (Instructions: Has any software been developed? if yes, provide details) | | | | | | | | | | | | | | | Yes ( ) | | | No ( ) | | |
| 19.1 | | | | Developers Name | | | | | | |  | | | | | | | | | | | | | |
| 19.2 | | | | Developer’s department & affiliation | | | | | | |  | | | | | | | | | | | | | |
| 19.3 | | | | Developers’ contribution to the code | | | | | | | | | | | | | | | | | | | | |
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| 20. | | | **External Inventor** (Instruction: If yes, provide further information in respect of the involvement of any external Inventors) | | | | | | | | | | | | | | | | Yes ( ) | | | No ( ) | | |
| 20.1 | | | Full Name | | | | | | | |  | | | | | | | | | | | | | |
| 20.2 | | | Affiliation | | | | | | | |  | | | | | | | | | | | | | |
| 20.3 | | | Full address | | | | | | | |  | | | | | | | | | | | | | |
| 20.4 | | | Mobile | | | | |  | | | | | Email |  | | | | | | | | | | |
| 21. | | | **Third party code in software** (Instruction: If yes, provide the details) | | | | | | | | | | | | | | | Yes ( ) | | | | | No ( ) | |
| 21.1 | | | Name of third party code | | | | | | | |  | | | | | | | | | | | | | |
| 21.2 | | | Web page to download code | | | | | | | |  | | | | | | | | | | | | | |
| 21.3 | | | Web page location of third party license | | | | | | | |  | | | | | | | | | | | | | |
| 22. | | | **Prior Art** (Instruction: List publications that are closely related to your work. Please also list closely related patents and attach a list of the keywords used and results obtained) | | | | | | | | | | | | | | | | | | | | | |
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| 23. | | **Market Information**  (Instruction: Please list companies you have contacted, those you think are active in the area, or who want to develop a new product line. If possible, please give contact information) | | | | | | | | | | | | | | | | | | | | | | |
| 23.1 | | Name of the Company | | | | | | | | |  | | | | | | | | | | | | | |
| 23.2 | | Contact details | | | | | | | | |  | | | | | | | | | | | | | |
| 23.3 | | Scope of interest and/or relevance to the invention | | | | | | | | | | | | | | | | | | | | | | |
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| 24. | | | | | **Declaration** | | | | | | | | | | | | | | | | | | | |
| I have discussed the content of this invention disclosure and obtained consent for its submission with all the inventors.  All inventors must sign  Date:   1. Signature:   Name: | | | | | | | | | | | | | | | | | | | | | | | | |