

**Annexure-XIX**

**Ministry of New and Renewable Energy  
(R&D and TIFAD Division)**

**Proforma for Creation of R&D Projects Database and Snap Technical Audit**

**Information at a Glance:**

<b>Sl. No.</b>	<b>Item</b>	<b>Details</b>
1.	Title of the project i) Project Title ii) MNRE File No. (to be filled by MNRE) iii) Project code (system generated)	
<b>I.</b>	<b>Project type/ Technology Area:</b>	
2.	Project type	i) Basic Research ii) Lab Scale Model Development iii) Prototype Development iv) Pilot Scale Development v) Pre-Industry Model Development vi) Technology Demonstration vii) Field Performance Evaluation viii) Technology Forecasting ix) Technology Assessment x) Technology Benchmarking xi) Resource Assessment xii) Standards Development xiii) Status Report Preparation xiv) Technical Assessment/ Audit xv) Others

3.	Technology Area	<ul style="list-style-type: none"> <li>i) Hydrogen</li> <li>ii) Chemical Sources/ Fuel Cell</li> <li>iii) Solar Photovoltaic</li> <li>iv) Solar Thermal</li> <li>v) Small Hydro Power</li> <li>vi) Biomass</li> <li>vii) Biogas</li> <li>viii) Wind</li> <li>ix) Bio-Fuel</li> <li>x) Geothermal</li> <li>xi) Ocean Energy/Tidal Power</li> <li>xii) Urban Waste</li> <li>xiii) Industrial Waste</li> <li>xiv) Hybrid Systems</li> <li>xv) Newer Technologies</li> <li>xvi) Carbon Nano Tube based Systems</li> <li>xvii) Electric/ Hybrid/ Fuel Cell Vehicles</li> <li>xviii) Others</li> </ul>
<b>II.</b>	<b>Implementing Institution(S)/ Industry(S):</b>	
4.	<b>Name of implementing institution(s)</b>	
5.	Name of collaborating/ participating industry(s)	
6.	Name of Principal Investigator	
7.	Name of co-Principal Investigator(s)	
8.	Address of implementing institution: postal address, phone, fax, e-mail, website	
9.	Address of collaborating/ participating industry: postal address, phone, fax, e-mail, website	
<b>III.</b>	<b>Implementation Period:</b>	
10.	Duration <ul style="list-style-type: none"> <li>i) Original period</li> <li>ii) Extended period</li> </ul>	
11.	Financial Year(S)	

12.	Date of Sanction	
13.	Date of completion	
14.	Proposed cost	
15.	Sanctioned cost	
16.	Revised cost(s)	
17.	MNRE share	
18.	Participating Industry share	
19.	Participating Institution share	
<b>V.</b>	<b>Project Status:</b>	
20.	<b>Status of the project:</b> i) <b>Ongoing</b> ii) <b>Completed</b>	
<b>VI.</b>	<b>Output:</b>	
21.	Material development	i) Quantity ii) Purity iii) Other features
22.	Lab Scale model development	i) Capacity ii) Power Output iii) Energy output iv) Efficiency v) Cycle Life vi) Life vii) Other features
23.	Prototype development	i) Capacity ii) Power Output iii) Energy Output iv) Efficiency v) Cycle Life vi) Life and vii) Other features

24.	Pre-Industry Model Development	<ul style="list-style-type: none"> <li>i) Capacity</li> <li>ii) Power Output</li> <li>iii) Energy Output</li> <li>iv) Efficiency</li> <li>v) Life</li> <li>vi) Other features</li> </ul>
25.	Technology Demonstration/ Field Evaluation	<ul style="list-style-type: none"> <li>i) Capacity</li> <li>ii) Power Output</li> <li>iii) Energy Output</li> <li>iv) Efficiency</li> <li>v) Field Performance Data</li> <li>vi) Projected life and</li> <li>vii) Other features</li> </ul>
26.	Standards Development	<ul style="list-style-type: none"> <li>i) Testing</li> <li>ii) Accelerated testing</li> <li>iii) Firming up of specifications</li> <li>iv) Aesthetics</li> <li>v) Other aspects</li> </ul>
27.	Research Papers i) Indian Journals ii) Foreign Journals	Title    Author    Journal    Volume    Pages    Year
28.	Technical Reports	Title    Author    Volume    Pages    Year
<b>VII.</b>	<b>IPR/ Patents:</b>	
29.	IPR/ Patent	<b>A. Type of IPR:</b> <ul style="list-style-type: none"> <li>i) Concept/ Idea patent</li> <li>ii) Process patent</li> <li>iii) Product patent</li> <li>iv) Copy-write</li> <li>v) Trade-mark</li> </ul> <b>B. Status:</b> <ul style="list-style-type: none"> <li>i) Obtained</li> <li>ii) Filed</li> <li>iii) Likely</li> <li>iv) Envisaged</li> </ul>
30.	Patentee Institution(s)/ Industry(s)	
31.	Name(s) of Patentee(s)/ Inventor(s)	
32.	Year of IPR/ Patent filing	

33.	IPR/ patent filed in India	
34.	IPR/ patent filed in foreign country(s)	
35.	Date of grant of IPR/ patent(s)	
<b>VIII.</b>	<b>Technology/ Know-how Transfer:</b>	
36.	Status and prospects of commercialization of IPR/ Patent	
37.	Status of technology/ know-how transferred to industry	i) Name of industry ii) Year iii) Current Status
<b>IX.</b>	<b>Completion/ Interim Report:</b>	
38.	Summary of the Project	
39.	Completion Report Received i) Physical form ii) Electronic form	
40.	Interim Report Received i) Physical form ii) Electronic form	
41.	Location of completion/ Interim Report i) In file ii) In library iii) Other location	
42.	Remarks/ comments	