Other Technical Details

1. **Origin of the Proposal:** *(Maximum 1 page)*
    (Scientific rationale for doing this work should be elaborated)

2. **Review of status of Research and Development in the Host Department/Institute.**

    2.1 International Status: *(Maximum 2 pages)*
    (Researchers working in the area worldwide and their contributions must be properly highlighted with recent references and reviews. A correct and faithful description of the international research status must be given)

    2.2 National Status: *(Maximum 1 page)*
    (Same as above to cover the contribution of Indian Scientists in the project area)

    2.3 Importance of the proposed project/study in the context of current status *(Maximum 1 page)*
    (*Highlight what is the new area or gap which will be solved in the project/study in relating to what is already known. This is a very important section to project the novelty content of the proposal*).

3. **Work Plan for 5 years:**

    3.1 Methodology: *(Maximum of 5 pages)*
    (It should contain all the details of how each of the objectives will be addressed. This section must be detailed and have clear plans, not vague and generalized statements. It should have several schemes, tables, figures, equations etc. in addition to text, explanation and justification of why the project research plan will work)

    3.2 Time Schedule of activities giving milestones through BAR diagram. (Maximum 1 page)

    3.3 Suggested Plan of action for utilization of research outcome expected from the proposed activity /study *(Maximum ½ page)*

    3.4 Environmental impact assessment and risk analysis. *(Maximum ½ page)*

4. **Expertise available with the Principal Investigator/Mentor in executing the proposed activity.** *(Maximum 1 page)*
    (*Professional expertise existing with each of the principal investigator/mentor in terms of publications, Patents and preliminary results, to execute every component of the proposal should be highlighted*)

5.   **Brief details of proposed Departments to execute plan** (*in the area of engineering, science and technology including agriculture, medicine and social sciences at the interface of science and technology*).

Name of Department/ Centre	Name of HoD	Number of Permanent Faculty Members		
		Professor	Associate Prof.	Assistant Prof.

6. **Distinction earned by faculty members in the proposed departments like National and International Awards, Recognitions, Fellowship of Science Academies (FNA, FSAc, FNAE, FNASc, FNASS, FNAMS, FIEEE, FTWAS), J.C.Bose Fellowship and SS Bhatnagar Award, if any.**

7. **No. of PhD students in each of the proposed department:**

Name of the Department/Centre	No. of PhD students (awarded/Registered)

8. **Department-wise Research Output during last 5 years:**

Name of Department/Centre	Research Output in terms of		Any additional pertinent details regarding the research finding from the Department
	No. of publications in SCI Journals only	No. of patents	

9. **Indicate the research activities of the faculty members in the proposed Departments as per the following:**

Name of Department	Major Thrust areas of Research	Number of PhDs produced (in last 5 years)

10. **Average Impact Factor of the publications and Name of the major journals in which publications are made (in each department).**

a)   List of Patents obtained or applied for during the last five years.
b)   List of Patents commercialized and its profitability earned out of commercialization (in last five years).
c)   List of Scientific/ technical Books written by faculty members in the university with year of publication.

11. Equipment/Lab available with proposed Departments or other Departments that can be utilized for the study:

S.No.	Department Name	Lab Name	Equipment available in Labs	Working Condition

12. Details of facilities in Central Instrumentation Centers such as RSIC, USIC, etc. (if any).

13. a) List of projects implemented/implementing in the proposed Departments:

S.No.	Project Title	PI Name	Funding Agency	Year of Completion	Total Cost

(b) Mentoring required in the ongoing project if any, provide details:-

14. Awards received by the faculty members of the proposed Departments, if any:

15. List of facilities being extended by parent institution(s) for the project implementation.

a. Infrastructural Facilities

S. No.	Infrastructural Facility	Yes/No/ Not required Full or sharing basis
1.	Workshop Facility	
2.	Water & Electricity	
3.	Laboratory Space/ Furniture	
4.	Power Generator	
5.	AC Room or AC	
6.	Telecommunication including e-mail & fax	
7.	Transportation	
8.	Administrative/ Secretarial support	
9.	Information facilities like Internet/Library	
10.	Computational facilities	
11.	Animal/Glass House	
12.	Any other special facility being provided	

16. If the proposal is regarding upgrading/establishing research lab/centre in the proposed department or university, provide details of equipment proposed to purchase (if required) along with the research/infrastructure/CSR fund available with the university: -

S.No.	Equipment Name	Purpose for which required	Availability in the University	Total Cost	Contribution from University Fund

17. Provide details about the proposed plan as below: -

S.No.	Projected plan for the proposed departments for next 5 years	Role & Responsibilities of PI/Mentor in the project plan proposed for next 5 years	Relevance of the proposed work with the research activity of the host institute	Expected Impact/Outcome	Commitments from the host institute