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Preparing a concept paper for research projects

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Competency to be gained from this lecture

- Write a concept paper for a research project



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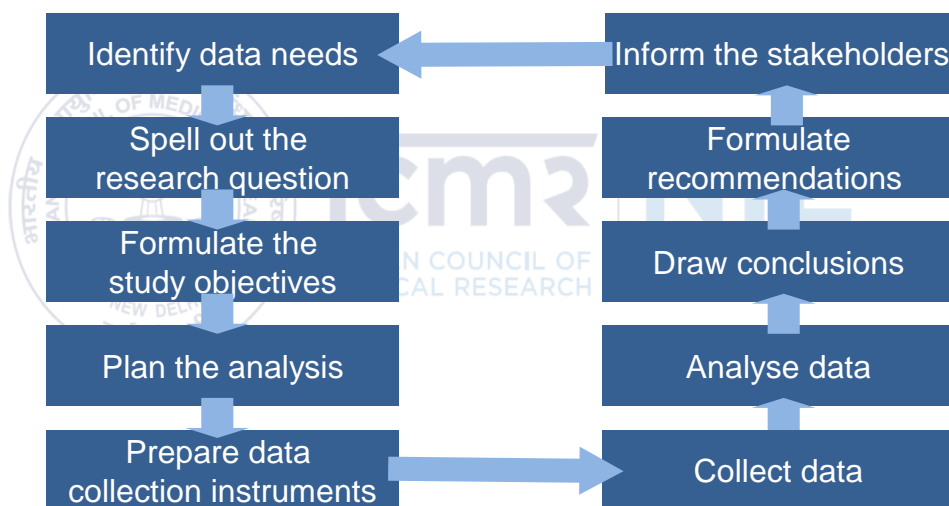
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The seven steps of a successful protocol

- 1 Identify topic, question and objectives
- 2 Outline a one-page concept paper
- 3 Prepare dummy tables
- 4 Write draft protocol
- 5 Prepare instruments and annexes
- 6 Submit to peer review
- 7 Seek ethics committee review



The life cycle of research



The seven steps of a successful protocol

- 1 Identify topic, question and objectives
- 2 Outline a **one-page** concept paper
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Rationale for using one-page concept paper

- Time is precious
 - For you
 - For your faculty / guide / reviewer
 - For funding agencies
- Brevity forces focus
- Many concept papers are not developed
 - Save time for an idea that may abort



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Outline of the one-page, bullet-style, concept paper

Background and justification

Objectives

Methods

Expected benefits

Key references

Budget

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Outline of the one-page, bullet-style, concept paper

Background and justification

- Importance of the problem
- What is known and unknown about the problem
- The information that is missing to address the problem effectively

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Outline of the one-page, bullet-style, concept paper

Objectives

- 2-3 objectives
- Can be general and specific
- Can be primary and secondary

Outline of the one-page, bullet-style, concept paper

Methods

- Outline of the methods
- One bullet per point
 - Study design
 - Study population
 - Operational definitions
 - Sampling procedure
 - Sample size
 - Data collection
 - Analysis plan
 - Human participants protection

Outline of the one-page, bullet-style, concept paper

Expected benefits

- What action will be taken following results
- Future research agenda

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Outline of the one-page, bullet-style, concept paper

Key references

- Not more than 5
- As per standard guidelines
 - e.g., International Committee of Medical Journal Editors-
icmje.org

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Outline of the one-page, bullet-style, concept paper

Budget

- 4-5 lines
- No detailed justification
- Divided in salaries/per diem, travel, equipments & supplies and miscellaneous

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भारतीय आयुर्विज्ञान अनुसंधान परिषद
Indian Council of Medical Research
Department of Health Research, Ministry of Health & Family Welfare
Government of India

Web based Submission, Processing & Management for Extramural Proposals

Welcome to e-PPMS

The Electronic Project Proposal Management system is a entry point for electronic administration of ICMR-funded projects promoting biomedical research, and hosts the services for managing your proposals and projects throughout their lifecycle. Depending on your role in projects and organisation, you can view information on projects, negotiate your grant agreement, manage amendments, submit financial and scientific reports or review projects.

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Quick Links

- Proposal Submission Guidelines (ICMR-ICSSR Joint Research Programme)
- Format for Full Submission of Joint Call
- Extramural Programme of ICMR
- Registration Guidelines
- Pre-Proposal Submission format
- Detailed Proposal Submission format**
- Documents Required for Codal Formalities

Broad Areas

- Bioinformatics
- Health System Research
- Basic Medical Science
- Epidemiology & Communicable Diseases
- Non Communicable Diseases
- Reproduction & Child Health
- Publication & Information
- Social & Behavioral Research
- Nutrition
- Research Methodology
- Innovation & Translational Research
- Multidisciplinary Research Unit

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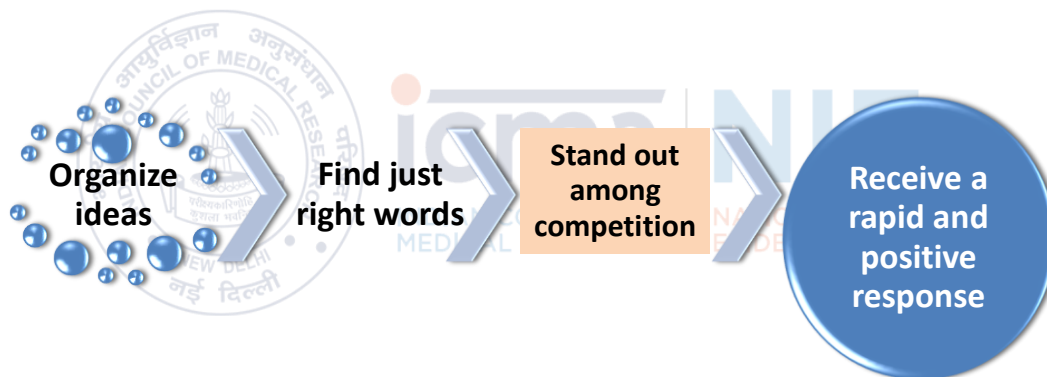
ICMR's pre-proposal format

- Title of the project (25 words)
- Introduction (250 words)
- Novelty (100 words)
- Applicability (100 words)
- Description of the project (700 words)
 - Methodology, Feasibility, Outcome, Budget, etc

ICMR's Short-term studentship (STS) for medical undergraduates: **Format for STS proposals / project**

- Title (25 words)
- Introduction (300 words)
- Objectives (100 words)
- Methodology (800 words)
- Implications (100 words)
- References (300 words)

What can you achieve with one-page concept paper?



Patrick G Riley. The one-page proposal. 2002



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Thank you
