



کراچی یونیورسٹی

University of Karachi

PROFORMA FOR THE SUBMISSION OF RESEARCH PROPOSAL TO FACULTY OF SCIENCES

Math/Dean.Grant/2008-
October 2008

	<i>Name</i>	<i>Date of Admission (if currently enrolled in a degree program)</i>
Principal Investigator:	_____	- -200
Co-Investigator (1):	_____	- -200
Co-Investigator (2):	_____	- -200
Title of the Project:	_____	
Main Field of Study:	_____ (Basic/Applied)	
Funds Requested:	_____	
Signatures of Investigator(s):	(a) _____ (b) _____	
	(c) _____	
Endorsement by the Chair/Director (with stamp):	_____	

Please Attach: CV and Complete List of Publications

Indicate DFS grants awarded, national and international projects won, MSc/MPhil/MS/PhD thesis supervised/currently supervising; list of publications year wise, with separate listings for journal and conference papers

PROJECTS may be prepared according to the format given on the following pages.

-----Detach from here-----

OFFICE OF DEAN, FACULTY OF SCIENCES, UNIVERSITY OF KARACHI

Received, with thanks, from Professor/Dr./Mr./Ms. _____ of
Department/Institute/Center _____, Research Proposal _____ pages,
alongwith _____ (write number) enclosures.

Dated _____ -2008

Authorized Signatures with Stamp

Title:	Title should be concise and reflect truly the nature of work to be conducted.
Principal Investigator and Co-Investigator(s):	Give name of Principal Investigator (PI), who is responsible for submitting technical and fiscal reports. Name(s) of Co-Investigator(s), if included, must be justifiable from the nature of project.
Department/Institute/Center:	Name(s) of Department/Institute/Center, with which PI and Co-Investigator(s) are associated.
Telephone Numbers:	Official telephone number(s) of PI and Co-Investigator(s)
e-mail(s):	e-mail(s) of PI and Co-Investigator(s)
Homepage(s):	Homepage(s) of PI and Co-Investigator(s), if available
Introduction	a) Background of the Problem This should include a definition of the terms used in the title, and a brief description of what the problem is about b) Significance of the Problem Here PI should indicate importance of the problem and how it effects our community c) Need for Solution: Here PI should indicate need for finding a solution. What will be achieved from working out a solution to the proposed problem?
Statement of the Problem	Here PI should give a formal statement of the problem. The formal statement may be accompanied by diagram, if needed
Proposed Solution	It should include a precise description of the technical results expected to be achieved.
Study Design	If the proposal pertains to a study, one must mention "Target Population" and "Sampling Element". There should be well-defined inclusion criteria. Sample size should be computed based on the confidence limits chosen.
Methodology	This should include the techniques for carrying out the proposed work. A theoretical project should indicate type of model to developed and techniques of validation. An experimental project should include proper experiment design, conduct strategy and techniques of analysis of results.
Resources	a) Necessary Facilities Required State, clearly, what is required with proper justification <i>i)</i> <i>ii)</i> <i>iii)</i> b) Facilities Available Facilities available in your laboratory. Also, mention, which facilities can be made available by pooling resources with colleagues <i>i)</i> <i>ii)</i> <i>iii)</i> <i>iv)</i>

- Schedules**
- a) **Project Duration**
With tentative Start Date
 - b) **Submission of Reports**
Final Report (upon completion of project)
Audited Statement of Accounts (upon completion of project)

Estimated Budget	<i>Description</i>	<i>Amount (in Rupees)</i>
	Small Equipment *	
	Chemicals/Reagents/Expendable Items	
	Stationery	
	Conference Registration	
	Local Travel	
		<i>Total</i>
		(Rupees _____)

Benefits/Usefulness

What will be the benefits and the usefulness of this project to PI, Co-Investigator(s), the parent institution and the community?

- i)
- ii)
- iii)

References

Up-to-date references in the standard format (a few must be of papers published within the last 5 years). The contribution made, if any, by PI should, also, be included

End of Document

Details of preparing research proposals are available at:

<http://www.ngds-ku.org/Industrial/proposals.htm>

Research proposals, which won previous Dean's Research Grants, may be downloaded from:

<http://www.ngds-ku.org/DFS/DFS2005.pdf>

<http://www.ngds-ku.org/DFS/DFS2007.pdf>

Word and PDF formats of this template are placed at the following links:

<http://www.ngds-ku.org/DFS/Template2008.doc>

<http://www.ngds-ku.org/DFS/Template2008.pdf>

* Larger equipment may be purchased by pooling grants of 2-3 investigators.