

# UNIVERSITY OF CALCUTTA

## UGC UPE Phase II

### First Call for submission of Expression of Interest

The University of Calcutta has been awarded the prestigious scheme 'University with Potential for Excellence' (UPE) Phase II. One of the Focused Areas for research under this scheme is **Modern Biology – Novel Materials and Devices for Health care and Environment Management**. A Steering Committee has been formed with approval of the Advisory cum Monitoring Committee of UPE Phase II for this particular Focused Area. The said Steering Committee is hereby calling for Expression of Interest from the members of Faculties of this University in the prescribed format on the broad area: Modern Biology – Novel Materials and Devices for Health care and Environment Management. The four identified action plans under the broad area are:

- i) Health and disease biology
- ii) Development and Fabrication of advanced materials, devices, circuits and systems for automated and fast sensing biological agents in healthcare, environment and food quality monitoring
- iii) Plant-microbe interaction
- iv) Jute genomics and biology – Fiber quality: production and genetic improvement and technology development

All submissions must be sent in two versions to the office of the undersigned latest by 20.06.2016, one in hard copy version and the other in soft copy (preferably MS WORD) unzipped attachment to [kbal.ucal@gmail.com](mailto:kbal.ucal@gmail.com) mentioning the following subject: EXP INT-MODERN BIOLOGY PHASE II. Only full time permanent employees of University of Calcutta may apply.

DEVELOPMENT AND PLANNING OFFICER  
3<sup>rd</sup> Floor, Darbhanga Building  
University of Calcutta  
87/1 College Street, Kolkata 700073

Enclosure (Next Page): Format for Expression of Interest

EXPRESSION OF INTEREST

FOCUSED AREAS - I: Modern Biology – Novel Materials and Devices for Health care and Environment Management

- 1. Name:
- 2. Designation:
- 3. Department/Centre:
- 4. E-mail:
- 5. Mobile No.:
- 6. Interest being expressed on: (Please mention ANY ONE of the four identified action plans mentioned in the first call).....

7. List of research projects undertaken in related area:

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8. Sponsored projects being supervised at present

Title	Funding Agency	Grant amount	Start date	Duration

9. List of most important and most relevant (to the indicated action plan) publications

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10. General research interests (in max 100 words)

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11. Write why you are interested in the Focused Area – I and in what way you would like to contribute in this research. Please give a broad outline of your ideas on the research that could be done on the identified (see point 6) action plan (maximum 500 words).

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12. Please outline your key strengths/expertise relevant to the specified research area (max 100 words)

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Signature