UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

FACULTY : Physics/Biophysics

Candidate ID

MRP-MAJ-PHYS-2013-443

NAME OF PROJECT
Theory of Two Dimensional Molecular Fluids

NAME OF PRINCIPAL INVESTIGATOR (P.I.)
Prof. Jokhan Ram
Dept. of Physics/Biophysics

NAME OF COLLEGE
Banaras Hindu University, Varanasi

University
Banaras Hindu University, Varanasi

Affiliation of College Teachers, name of affiliating University
Aided/Private/Government/Self Financing / any other (Please Specify)

Category (GEN/SC/ST/Minority/PH)
(Male/Female) Category: OBC

Principal Investigator
Working/Retired

Superannuation to be indicated in case of

RECOMMENDATION OF THE EXPERTS:

Recommended

as for recommendation. The allocation may be provided (Up to)

as not recommending the project:

1.

2.

3.

FINANCIAL ALLOCATION RECOMMENDED:

IN RECURRING: (In figures) (In words)

For Journals
Rs.

Computers
Rs. 60,000

Lab
Rs. 64,000

For Non-Teaching Personnel (Anyone of the following be provided)
Rs. N.A

Rs. 1,50,000

Rs. 45,000

Rs. 60,000

Rs. 84,300

TOTAL
Rs. 10,47,300

Project Recommended: Three years

SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)

Checklist for document

YES/NO

1. Declaration certificate

2. Assessment certificate

3. UGC certificate of 201 & 1234

4. Mandate form

Yes

Yes

Yes

Yes
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

RECOMMENDATION SHEET

PROJECT: Studies of drug-DNA interactions through various computational techniques

OF PRINCIPAL INVESTIGATOR (P.I.):
NAME: UMESH YADAVA
DEPT: Dept. of Physics/Biophysics
AFFILIATING UNIVERSITY: Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur

RECOMMENDATION OF THE EXPERTS:
ABSENT

FINANCIAL ALLOCATION RECOMMENDED:

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<tr>
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<td>Teacher's Salary</td>
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<td>Teaching/Research</td>
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Duration: Three years

CHECKLIST FOR DOCUMENT: YES/NO

1. Declaration certificate
2. Assessment certificate
3. UGC certificate of 2B & 12B
4. Report from
ID Nanostructured Pure and Rare Earth Doped Barium Borate for Frequency Conversion and Optical Limiting Applications

T.C. Sabari Girish
Dept. of Physics/Biophysics

Bharathidasan University, Bharathidasan University Palkaiperur Tiruchirappalli- 620 024 Tamilnadu, India

Aided/Private/Government/Self Financing / any other (Please Specify)

(Male/Female) Category: GENERAL

Working/Retired

RECOMMENDATION OF THE EXPERTS:

1. Seems to be continuation of old work
2. No novelty
3. Deliverables not spelled out clearly

FINANCIAL ALLOCATION RECOMMENDED:

(In figures) (In words)

 rejoice

 RECURRING:

Rs.

Rs.

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UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

TENDATION SHEET

Candidate Id: MRP-MAJOR-PHYS-2013-1544

1. NAME OF PROJECT: IMPACT OF NON STEROIDAL ANTI-INFLAMMATORY DRUGS (NSAIDS), Cu(II) AND Zn(II)-NSAIDS IN THE MOLECULAR A

2. NAME OF PRINCIPAL INVESTIGATOR (P.I.): ANITHA, K

Dept. of Physics/Biophysics

3. COLLEGE/TEACHERS NAME OF AFFILIATING UNIVERSITY: MADURAI KAMARAJ UNIVERSITY, SCHOOL OF PHYSICS

MADURAI KAMARAJ UNIVERSITY, MADURAI-625021

4. CATEGORY (GEN/SC/ST/Minority/PH): Male/Female

Category: GENERAL

5. RECOMMENDATION OF THE EXPERTS:

COMMENDED

1. Poor presentation

2. Project not focussed well

3. Methodology is too vague

FINANCIAL ALLOCATION RECOMMENDED

IN RECURRING:

IN WORDS:

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<th>Item</th>
<th>Rs.</th>
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<td>Journals</td>
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<td>Staff</td>
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<td>Equipment</td>
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<td>Salaries</td>
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<td>Mission Work</td>
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<tr>
<td>Local Charges</td>
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<td></td>
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<td>TOTAL</td>
<td>Rs.</td>
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</table>

Project Recommended: Three years

SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS

Name: Kumar

Signature

Checklist for document

1. Declaration certificate: Yes

2. Assessment certificate: Yes

3. UGC certificate of 1st & 2nd Ph: Yes
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

FUNDATION SHEET

PROJECT: Physics/Biophysics

Candidate ID: MRP-MAJOR-PHYS-2013-2237

<table>
<thead>
<tr>
<th>Of Project</th>
<th>Hydromagnetic Instabilities in Strongly Coupled Complex Plasmas</th>
</tr>
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<tbody>
<tr>
<td>Of Principal Investigator (P.I)</td>
<td>Dr. R. P. Prajapat</td>
</tr>
<tr>
<td>Dept. of Physics/Biophysics</td>
<td></td>
</tr>
<tr>
<td>Of College, Teachers, name of affiliating University</td>
<td>Guru Ghasidas Vishwavidyalaya, Koni, Bilaspur (C.G.)</td>
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<tr>
<td>Guru Ghasidas Vishwavidyalaya</td>
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</tr>
<tr>
<td>Of Category (GEN/SC/ST/Minority/PH)</td>
<td>(Male/Female) Category: OBC</td>
</tr>
<tr>
<td>(Male/Female)</td>
<td>Working/Retired</td>
</tr>
<tr>
<td>Superannuation to be indicated in case of Investigator</td>
<td></td>
</tr>
</tbody>
</table>

RECOMMENDATION OF THE EXPERTS:

√ Recommended

The allocation may be provided as follows:

1. |
2. |
3. |

FINANCIAL ALLOCATION RECOMMENDED:

<table>
<thead>
<tr>
<th>ON RECURRING:</th>
<th>(In figures)</th>
<th>(In words)</th>
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<tr>
<td>Rs. 50,000/-</td>
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<td>Rs. 2,25,000/-</td>
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TOTAL: Rs. 15,00,000/-

Project Recommended: Three years

SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS:

Name in Block letters: S. Dinkar, Ashok C. Nagpal

Signature: [Signature]

Checklist for document: YES/NO

1. Declaration certificate: YES
2. Assessment certificate: YES
3. UGC certificate of 2(i) & 12(b): YES
4. Mandate form: YES
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

FUNDATION SHEET

COMPETENCY:
Physics/Biophysics

CANDIDATE ID:
MRP-MAJOR-PHYS-2013-2529

PROJECT:
"Physical and Chemical Properties of Atmospheric Aerosols in Indo-Gangetic Basin"

PRINCIPAL INVESTIGATOR (P.I.):
Prof. Abhay Kumar Siag
Deptt. of Physics/Biophysics

AFFILIATING UNIVERSITY:
Banaras Hindu University, Varanasi, Atmospheric Research Laboratory, Department of Physics, Banaras Hindu University, Varanasi-221005, U.P.

COLLEGE TEACHERS NAME OF AFFILIATING UNIVERSITY:

Affiliation of College:
Aided/Private/Government/Self Financing / any other (Please Specify)

Category (GEN/SC/ST/Minority/PH): (Male/Female) Category: GENERAL

Working/Retired:

Supersession to be indicated in case of:

Co-Investigator:

RECOMMENDATION OF THE EXPERTS:
Recommended

1. 
2. 
3. 

FINANCIAL ALLOCATION RECOMMENDED:

NON RECURRING:

(In figures) (in words)

Rs. 30,000/- Rs. 30,000

Rs. 45,00,000/- Rs. 4,50,000

RECURRING:

Stationary to Field Teacher

Rs. 0/- Rs. 0

Total Personnel Allowance (Group III) Rs. 6,00,000/-

Rs. 6,00,000/- Rs. 6,00,000

Rs. 90,000/- Rs. 90,000

Rs. 0/- Rs. 0

Rs. 60,000/- Rs. 60,000

Rs. 1,00,000/- Rs. 1,00,000

Rs. 78,000/- Rs. 78,000

TOTAL Rs. 12,98,000/-

Project Recommended: Three years

SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS:

Name in Block Letters: [Redacted]

Signature: [Redacted]

Checklist for document

1. Declaration certificate: Yes
2. Assessment certificate: Yes
3. UGC certificate of 2(f) & 12(B): Yes
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

APPLICATION SHEET

OF PROJECT

"SPECTROSCOPIC STUDY OF SOME RARE-EARTH IONS DOPED SOL-GEL GLASSES SENSITIZED BY DIFFERENT LIGANDS."

OF PRINCIPAL INVESTIGATOR (P.I.)
Dr. Pankaj Dutta
Dept. of Physics/Biophysics

Dibrugarh University, Dibrugarh University
P.O.-Dibrugarh University
Dist. Dibrugarh Assam, Pin-786004

College Teachers, name of affiliating University
Dibrugarh University

Type of College
Aided/Private/Government/Self Financing / any other (Please Specify)

Category [GEN/SC/ST/Minority/PH]
(Male/Female) Categories: OBC

State of Principal Investigator
Working/Retired

Superannuation to be indicated in case of

RECOMMENDATION OF THE EXPERTS:

Recommended
This is for recommendation. The allocation may be provided

Not recommended
(by not recommending the project)

1. Proposal is not focussed
2. Methodology is revive, no new
3. Results expected

FINANCIAL ALLOCATION RECOMMENDED.

ON RECURRING: (In figures) (In words)

Rs.

Recurrence Rs.

Rs.

Rs.

Rs.

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Rs.

TOTAL Rs.

Project Recommended
Three years

SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS

Checklist for document

YES/NO

1. Declaration certificate

2. Assessment certificate

3. UGC certificate of 2(f) & 12(3)

4. Mandate form
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

FUNDATION SHEET

CFT: Physics/Biophysics
Candidate ID
MRP-MAJOR-PHYS-2013-3873

I. PROJECT
Development of nanocomposite electrolyte material for solid oxide fuel cell applications

II. PRINCIPAL INVESTIGATOR (P.I.)
Dr. T. R. Rajasekaran
Dept. of Physics/Biophysics

III. College
Manonmaniam Sundaranar University, Manonmaniam Sundaranar University Abishekpati Tirunelveli - 627 012 Tamil Nadu India

IV. College Teachers, name of affiliating University
Manonmaniam Sundaranar University

V. of College
Aided/Private/Government/Self Financing / any other (Please Specify)

VI. Category (GEN/SC/ST/Minority/PH)
(Male/Female) Category: GENERAL

VII. Principal Investigator
Working/Retired

VIII. Government to be indicated in case of

IX. RECOMMENDATION OF THE EXPERTS:

- ABSENT

X. FINANCIAL ALLOCATION RECOMMENDED,

<table>
<thead>
<tr>
<th>Item</th>
<th>Recurring</th>
<th>(In figures)</th>
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XI. Project Recommended: Three years

XII. SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS

Name in block letters: C. K. Kumar
Signature: 

Checklist for document

YES/NO

1. Declaration certificate
2. Assessment certificate
3. UGC certificate of 2(f) & 12(b)
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

NAME OF THE PROJECT:
Exploring the Structure and Functional Dynamics of Ionotropic Glutamate Receptors

NAME OF PRINCIPAL INVESTIGATOR (P.I.):
Dr. G. Praveena
Deptt. of Physics/Biophysics

NAME OF COLLEGE:
P.S.G.R. Krishnammal College for Women, P.S.G.R. Krishnammal College for Women Poonamallee, Chennai - 600028

College Teachers, name of affiliating University:
Bharathiar University

Type of College:
Aided/Private/Government/Self Financing / any other (Please Specify)

Category of Principal Investigator:
Male/Female
Category: GENERAL

Supernumerary to be indicated in case of:

RECOMMENDATION OF THE EXPERTS:

Recommended:
The allocation may be provided with:

1. Needs re-submission with
2. More clear & precise
3. Objective

FINANCIAL ALLOCATION RECOMMENDED:

(Signing):

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<tr>
<td>TOTAL Rs.</td>
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Years Recommended:
Three years

SIGNATURE OF THE EXPERT COMMITTEE MEMBERS:

Checklist for document:
1. Declaration certificate
2. Assessment certificate
3. UGC certificate of 2(f) & 12(B)

YES/NO
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

FACULTY: Physics/Biophysics
Candidate ID: MRP-MAJOR-PHYS-2013-4743

NAME: B. Deva Prasad Raju
Deptt. of Physics/Biophysics

PROJECT: OPTICAL PROPERTIES OF Nd3+ and Er3+ IONS DOPED FLUOROBOROSILICATE GLASSES FOR THE DEVELOPMENT OF HIGH POWER FIBER LASERS AND AMPLIFIERS

AFFILIATING INSTITUTION: Sri Venkateswara University, Tirupati - 517 502

RECOMMENDATION OF THE EXPERTS:

1. Motivation not clear
2. Routine procedure, methodology
3. No new deliveries expected

FINANCIAL ALLOCATION RECOMMENDED:

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<tr>
<th>Item</th>
<th>Amount (Rs.)</th>
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<tr>
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<tr>
<td>Support Staff:</td>
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<tr>
<td>Fellow (Non-Exempted):</td>
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<td>Fellow (Exempted):</td>
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Duration: Three years

Signature: (Expert's signature)

Checklist for document: YES/NO
1. Declaration certificate: YES
2. Assessment certificate: NO
3. HIC certificate of 2013 & 2014: YES
**RECOMMENDATION SHEET**

**SUBJECT**: Physics/Biophysics

**Candidate ID**: MRP-MAJOR-PHYS-2013-7024

### PART-I

- **TITLE OF PROJECT**: Electromagnetic wave propagation and magneto-optic switching in ordered magnetic material
- **NAME OF PRINCIPAL INVESTIGATOR (P.I)**: KAVITHA
- **Dept. of Physics/Biophysics**: Department of Physics Periyar University Salem – 636 011, Department of Physics, Periyar University, Salem – 636 011.
- **ADDRESS**: Department of Physics Periyar University Salem – 636 011
- **In case of College Teachers, name of affiliating University**: Department of Physics Periyar University Salem – 636 011
- **Category of College**: Aided/Private/Government/Self Financing / any other (Please Specify)
- **Sex and Category (GEN/SC/ST/Minority/PH)**: (Male/Female) Category: GENERAL
- **Status of Principal Investigator**: Working/Retired
- **(Date of Superannuation to be indicated in case of Retired)**: 
- **Name of Co-Investigator**: 

### PART-II. RECOMMENDATION OF THE EXPERTS:

- **Recommended**
  - (Reasons for recommendation. The allocation may be provided under Part-III)
- **Not Recommended**
  - (Reasons for not recommending the project)
  1. Not assessed by proper committee
  2. Assessment certificate competent
  3. Candidate and experienced professors not included.

### PART-III. FINANCIAL ALLOCATION RECOMMENDED.

#### A. NON RECURRING:

<table>
<thead>
<tr>
<th>(i) Books &amp; Journals</th>
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<tr>
<td>(ii) Equipment</td>
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#### B. RECURRING:

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<th>(i) Honorarium to Retd. Teacher @ Rs. 18,000/- p.m.</th>
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<td>(ii) Research Personnel (Anyone of the following be provided)</td>
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<td>a. Project Fellow (Non-Gate/Non NET) @ Rs. 14,000/- p.m.</td>
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<td>b. Project Fellow (Gate/NET/GPAT) @ Rs. 16,000/- p.m.</td>
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<td>(iii) Chemical</td>
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<td>(iv) Contingency</td>
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<td>(v) Hiring Services</td>
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<td>(vi) Travel/Field Work</td>
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<tr>
<td>(vii) Overhead Charges @ Rs. 10% approved recurring grant (Except Field Work/Travel)</td>
<td>Rs.</td>
</tr>
</tbody>
</table>

**TOTAL**: Rs.

**Tenure of Project Recommended**: Three years

<table>
<thead>
<tr>
<th>(NAME &amp; SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. ASHOIL KUMAR NAGAWAT</td>
</tr>
<tr>
<td>2. B. PRADEP</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Checklist for document</th>
<th>YES/NO</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Declaration certificate</td>
<td></td>
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<tr>
<td>2. Assessment certificate</td>
<td></td>
</tr>
<tr>
<td>3. UGC certificate of 2(f) &amp; 12(B)</td>
<td></td>
</tr>
<tr>
<td>4. Mandate form</td>
<td></td>
</tr>
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</table>
UNIVERSITY GRANTS COMMISSION  
MAJOR RESEARCH PROJECT SCHEME  

APPLICATION SHEET  

Project: Physics/Biophysics  
Candidate ID: MRP-MAJOR-PHY-2013-8179  

---

**Project:**
The LHC Higgs mass in Beyond Standard Models

**Principal Investigator (P.I.):**
Dr. Buddhadeb Ghosh  
Dept. of Physics/Biophysics

---

**College:**
The University of Burdwan, Burdwan, West Bengal. The University of Burdwan, Golapbag, Burdwan - 713104, West Bengal.

**Affiliating University:**
The University of Burdwan, Burdwan, West Bengal

**Category (GEN/SC/ST/Minority/PH):**
(Male/Female) Category: GENERAL

**Type of Investigator:**
Working/Retired

---

**RECOMMENDATION OF THE EXPERTS:**

1. Project is not up to the mark.
2. Not able to justify the objectives
3. Not involve

---

**FINANCIAL ALLOCATION RECOMMENDED:**

<table>
<thead>
<tr>
<th>Details</th>
<th>(In figures)</th>
<th>(In words)</th>
</tr>
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<tbody>
<tr>
<td>Repair &amp; Maintenance</td>
<td>Rs.</td>
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<tr>
<td>Staff</td>
<td>Rs.</td>
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<tr>
<td>Furnishing</td>
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<td></td>
</tr>
<tr>
<td>Office/Classroom</td>
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<td></td>
</tr>
<tr>
<td>Library</td>
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</tr>
<tr>
<td>Field Work</td>
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<tr>
<td>Field Charges</td>
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<td>10% of approved budget (Except Field Work, Travel)</td>
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<tr>
<td><strong>Total</strong></td>
<td>Rs.</td>
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</tbody>
</table>

---

**Recommended:**
Three years

---

**SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS:**

1. R.S. Tiwari
2. B.S. Bajpai

---

**Checklist for document:**

1. Declaration certificate
2. Assessment certificate
3. UGC certificate of 2(i) & 12(1B)
4. Mandatory form
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

FUNDATION SHEET

F.T.: Physics/Biophysics

Candidate ID: MRP-MAJOR-PHY-2013-8277

PROJECT
OF PRINCIPAL INVESTIGATOR (P.I.)

Development of an Efficient Algorithm for Quantum Secret Sharing

Biswajit Maiti
Dept. of Physics/Biophysics

COLLEGE
Darjeeling Govt. College. Dept. of Physics. Darjeeling Govt. College
Darjeeling-734101. West Bengal

Catering
Washington University

Affiliation of College
Aided/Private/Government/Self Financing / any other (Please Specify)
(Male/Female) Category: General
Working/Retired

Superannuation to be indicated in case of
Co-Investigator

RECOMMENDATION OF THE EXPERTS:

Recommended

Objectives are not clear
Proposal is vague
Presentation not satisfactory

FINANCIAL ALLOCATION RECOMMENDED:

On Recurring:
(In figures) (In words)

Rs.

Core journals
Cost of Library

Rs.

Salary to Research Assistant
Rs.

Personnel Category and the following be provided:
Rs. 14,000 p.m.
Rs. 16,000 p.m.
Rs.

Rs.

Miscellaneous
Rs.

Rs.

Rs.

Rs.

Rs.

Rs.

Rs.

TOTAL
Rs.

Project Recommended: Three years

SIGNATURE OF THE EXPERT COMMITTEE MEMBERS:

1. [Signature]
   R. S. Tiwari

2. [Signature]
   B. S. Banerjee

Checklist for document

1. Declaration certificate
2. Assessment certificate
3. PG certificate of 2nd & 12th
4. Maturity form

YES/NO
**UNIVERSITY GRANTS COMMISSION**  
MAJOR RESEARCH PROJECT SCHEME

**APPLICATION SHEET**

<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PROJECT</strong></td>
<td>SYNTHESIS, FT-IR SPECTRA AND X-RAY STRUCTURE ANALYSIS OF CHROMENE AND CHALCONE DERIVATIVE MOLECULES IN MEDICINAL INTEREST</td>
</tr>
<tr>
<td><strong>PRINCIPAL INVESTIGATOR (P.I)</strong></td>
<td>DR. H. C. DEVARAJEGOWDA Dept. of Physics/Biophysics</td>
</tr>
<tr>
<td><strong>Affiliation</strong></td>
<td>Yuvaraja's College (Constituent College) University of Mysore, Mysore, Department of Physics Yuvaraja's College (Constituent College) University of Mysore, Mysore-570 005, Karnataka, India. Tel.: +91-(0)821-2419292</td>
</tr>
<tr>
<td><strong>Council Teachers, name of affiliating University</strong></td>
<td>University of Mysore</td>
</tr>
<tr>
<td><strong>College</strong></td>
<td>Aided/Private/Government/Self Financing / any other (Please Specify)</td>
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<td><strong>Category (GEN/SC/ST/Minority/PH)</strong></td>
<td>(Male/Female) Category: OBC</td>
</tr>
<tr>
<td><strong>Principal Investigator</strong></td>
<td>Working/Retired</td>
</tr>
<tr>
<td><strong>Superannuation to be indicated in case of</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Co-Investigator</strong></td>
<td>NOD</td>
</tr>
</tbody>
</table>

**RECOMMENDATION OF THE EXPETS:**

- **Recommended**
- **Not recommended**

1. There is no Co-Pi from the relevant field of the proposed project.
2. Relevant field of the proposed project.

**FINANCIAL ALLOCATION RECOMMENDED:**

<table>
<thead>
<tr>
<th>Head</th>
<th>(In figures)</th>
<th>(in words)</th>
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<tr>
<td>NET (Recurring)</td>
<td>Rs.</td>
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<td>Journals</td>
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<td>Misc.</td>
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**Recurring:**

- Rs.
- Rs.

**Other:**

- Rs.
- Rs.
- Rs.
- Rs.
- Rs.

**Grant Charged as Rs. 10% approved**

**TOTAL**

- Rs.

**Project recommended:**

Three years

**SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS:**

- [Signature]
- [Signature]

**Checklist for document:**

- 1. Declaration certificate
- 2. Assessment certificate

**YES/NO:**
**UNIVERSITY GRANTS COMMISSION**  
**MAJOR RESEARCH PROJECT SCHEME**

**DEPARTMENT: Physics/Biophysics**  
**Candidate ID:**  
**MRP-MAJOR-PHYS-2013-9105**

<table>
<thead>
<tr>
<th>DEPARTMENT OF PROJECT</th>
<th>Dynamic Phase transitions in Coupled Map Lattices:</th>
</tr>
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</table>
| PRINCIPAL INVESTIGATOR (P.I) | Prashant Manohar Gade  
Dept. of Physics/Biophysics |
| College of Affiliation | Rashtrasant Tukadoji Maharaj Nagpur University  
Maharaj Nagpur University Chhatrapati Shivaji Maharaj Administrative  
Premises Ravindranath Tagore Marg Nagpur 440001 |
| College Teachers, name of affiliating University | Rashtrasant Tukadoji Maharaj Nagpur University |
| Affiliated College | Aided/Private/Government/Self Financing / any other (Please Specify) |
| Category (GEN/SC/ST/Minority/PH) | Male/Female  
Category: GENERAL |
| Principal Investigator | Working/Retired |
| Superannuation to be indicated in case of Investigator | |

**RECOMMENDATION OF THE EXPETS:**

| 1. Budget is not appropriate. |
| 2. Outcome of project is not very much attractive. |
| 3. Objectives are not very much interesting. |

**FINANCIAL ALLOCATION RECOMMENDED:**

<table>
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<tr>
<th>RECURRING</th>
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<th>(in words):</th>
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<td>(Scholarship)</td>
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<td>(Allowance)</td>
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<td>(Scholarship)</td>
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<td>(Communication)</td>
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<tr>
<td>(Travel)</td>
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<td>(Secretarial)</td>
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<tr>
<td>(Field Work)</td>
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<td>(Field Charges)</td>
<td>Rs.</td>
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<tr>
<td>(Field Charges)</td>
<td>Rs.</td>
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<td>(Field Charges)</td>
<td>Rs.</td>
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<tr>
<td>TOTAL</td>
<td>Rs.</td>
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| Apr. 2015 | Three years |

**SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS:**

<table>
<thead>
<tr>
<th>Name in Block Letters</th>
<th>Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prof. C.D. Lakhunde</td>
<td></td>
</tr>
<tr>
<td>Prof. R.R. Yadam</td>
<td>2009</td>
</tr>
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</table>
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

FUNDATION SHEET

S.C./Category: Physics/Biophysics

Project Title: IDENTIFICATION AND ELIMINATION OF CROSSTALK IN ELECTROSPUN FePt NANO PARTICLE DUE TO POLYMER

Principal Investigator (PI): Dr. B. Nalini

Dept. of: Physics/Biophysics

Institution: Avinashilingam Institute for Home Science and Higher Education for Women, Mettupalayam Road, Coimbatore 641043, TN

College Teacher, name of affiliating University: Avinashilingam Institute for Home Science and Higher Education for Women

Category (GEN/SC/ST/Minority/PH): Aided/Private/Government/Self Financing / any other (Please Specify)

Male/Female: Male

Category: GENERAL

Working/Retired: Working

RECOMMENDATION OF THE EXPERTS:

✓ Recommended

For recommendation, The allocation may be provided by:

1.

2.

3.

FINANCIAL ALLOCATION RECOMMENDED:

<table>
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<tr>
<th>Item</th>
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<tr>
<td>Cupron Sonicator and Electrospinning Set up</td>
<td>5,00,000/-</td>
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<td>Books/Research Material</td>
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<td>Lecture Fee (Per year)</td>
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<td>Travel and Other Charges</td>
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Total: 1,30,000/-

Field Work (Except Field Work, Travel): 70,000/-

Signature of the Principal Investigator: B. Pradeep

Signature of the Experts Committee Members: Ashok Kumar Naik

Copyright Approval: YES

Checklist for document:

1. Declaration certificate: YES
2. Assessment certificate: YES
3. UGC certificate of (21X & 12X): YES

Duration: Three years

Candidate ID: MRP-MAJOR-PHYS-2013-9538
**UNIVERSITY GRANTS COMMISSION**  
**MAJOR RESEARCH PROJECT SCHEME**

**FUNDATION SHEET**

**CATEGORIZATION**: Physics/Biophysics  
**Candidate ID**: MRP-MAJOR-PHYS-2013-10251

<table>
<thead>
<tr>
<th>PROJECT</th>
<th>A Theoretical Study on the Properties of Exotic Hadrons and Quark Gluon Plasma</th>
</tr>
</thead>
</table>
| **PRINCIPAL INVESTIGATOR (P.I.)** | Aparajita Bhattacharya  
Dept. of Physics/Biophysics |
| **INSTITUTE** | Jadavpur University, Kolkata. Department of Physics, Jadavpur University, Kolkata-700032, West Bengal |
| **College Teachers, name of affiliating University** | Jadavpur University, Kolkata. |
| **College** | Aided/Private/Government/Self Financing / any other (Please Specify) |
| **Category (GEN/SC/ST/Minority/PH)** | (Male/Female)  
Category: GENERAL |
| **Present/Retired Investigator** | Working/Retired |
| **Supervision to be indicated in case of Co-Investigator** | |

**RECOMMENDATION OF THE EXPERTS:**

Not recommended  

1. Budget is not justified.  
2. Objectives are not innovative.  
3. Applications are not defined.

**FINANCIAL ALLOCATION RECOMMENDED.**

<table>
<thead>
<tr>
<th>RECURRING</th>
<th>(In figures)</th>
<th>(in words)</th>
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</table>

**DURATION**  
Three years

**SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS**

Name in Block Letters: G. D. Lokhande  
Signature: [signature]

1. Declaration certificate  
2. Assessment certificate  
3. UGC certificate of 2(f) & 12(b)
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

INDICATION SHEET

Candidate ID  MRP-MAJOR-PHYS-2013-11539

OF PROJECT  Effect of Inhomogeneity and soliton stability in higher dimensional Alpha helical Proteins

OF PRINCIPAL INVESTIGATOR (P.I.)  M. M. LATHA  Deptt. of Physics/Biophysics

College Teachers, name of affiliating University  Women’s Christian College, Nagercoil, Women’s Christian College, Nagercoil -629 001 Tamil Nadu

Aided/Private/Government/Self Financing / any other (Please Specify)  Manonmaniam Sundaranar University, Tirunelveli

of College Category (GEN/SC/ST/Minority/PH)  (Male/Female) Category: GENERAL

of Principal Investigator Working/Retired

RECOMMENDATION OF THE EXPERTS:

signatures

FINANCIAL ALLOCATION RECOMMENDED:

<table>
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<td>nicht. Journals</td>
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LIVING:

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<th>Purpose</th>
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<tr>
<td>Grant to Res. Teacher</td>
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<tr>
<td>(Annually)</td>
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<tr>
<td>(Consists of one of the following Rs. provided)</td>
<td>Rs.</td>
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<tr>
<td>Excl. Non-Gate Non N.R.</td>
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<td>Advance Rs. Rs.</td>
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<td>(Expendable: Field Work, Travel)</td>
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<td>TOTAL</td>
<td>Rs.</td>
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</tbody>
</table>

Project Recommended: Three years

Checklist for document  YES/NO

1. Declaration certificate  
2. Assessment certificate  
3. UGC certificate of 2(f) & 12(b)  
4. Maintain fees
## UNIVERSITY GRANTS COMMISSION
### MAJOR RESEARCH PROJECT SCHEME

### ASSISTANT SHEET

<table>
<thead>
<tr>
<th>Project</th>
<th>Deposition of Cu2ZnSn(SxSex-l) thin films by a novel Spray-CVD method and fabrication of efficient solar cells</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principal Investigator (P.I.)</td>
<td>Dr. Pramod S. Patil Deptt. of Physics/Biophysics</td>
</tr>
</tbody>
</table>

- **Department of Physics, Shivaji University, Kolhapur. Department of Physics, Shivaji University, Vidyagram, Kolhapur- 416004.**
- **Aided/Private/Government/Private Financing / Any Other (Please Specify):** Working/Retired

### RECOMMENDATION OF THE EXPERTS:

- **Recommended:** Project is innovative

1. 
2. 
3. 

### FINANCIAL ALLOCATION RECOMMENDED:

#### NON RECURRING:

#### (In figures) (In words)

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<td></td>
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<tr>
<td>Total</td>
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<td>400000000</td>
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#### CURRICULUM:

- Rs. 6 Lacs.
- Rs. 2 Lacs.
- Rs. 1.5 Lacs.
- Rs. 75000

#### TOTAL:

<table>
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<tr>
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<tbody>
<tr>
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<tr>
<td>Four Years</td>
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</table>

#### Project Recommended: Three years

### SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS:

<table>
<thead>
<tr>
<th>Name</th>
<th>Signature</th>
</tr>
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<tbody>
<tr>
<td>B. S. Tiwari</td>
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<td>B. S. Bhagat</td>
<td></td>
</tr>
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</table>

### Checklist for document: YES/NO

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<th>YES/NO</th>
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<tbody>
<tr>
<td>Declaration certificate</td>
<td>1.</td>
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<td>Assessment certificate</td>
<td>2.</td>
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<tr>
<td>UGC certificate of 2/F &amp; 12/B</td>
<td>3.</td>
</tr>
</tbody>
</table>
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

FUNDATION SHEET

NO: Physics/Biophysics

CANDIDATE ID: MRP-MAJOR-PHYS-2013-11832

PROJECT

POSITIO
ABSTRACT
ATION TOOL
FOR MANUFACTURING
NANOMATERIALS

PRINCIPAL INVESTIGATOR (P.I)

S.LAKSHMI
Deptt. of Physics/Biophysics

College Teachers, name of affiliating University

SDNB VAISHNAV COLLEGE FOR WOMEN, VAISHNAV COLLEGE ROAD, CHROMEPET, CHENNAI -44, TAMILNADU, PIN: 600044

UNIVERSITY OF MADRAS

College

Aided/Private/Government/Self Financing / any other (Please Specify)

(Specify)

Category (GEN/SC/ST/Minority/PH)

(Male/Female) Category: GENERAL

Superscription to be indicated in case of

Principal Investigator

Working/Retired

RECOMMENDATION OF THE EXPERTS:

Recommended

Not Recommended

RECOMMENDATION. The alteration may be provided

Applications/outcome of project is not defined.

1. Physics background is not clear.

2. Budget is excessive.

FINANCIAL ALLOCATION RECOMMENDED.

RECURRING:

(In figures) (in words)

Salaries

Rs.

Travel

Rs.

NON-RECURRING:

amount for Retd. Teacher

Rs.

Support Personnel (anyone of the following be provided)

Rs.

Post Fellow (Non-Gate Non NET) at Rs. 14,000 - p.m.

Rs.

Post Fellow (Gate NET/DA) at Rs. 16,000 - p.m.

Rs.

Food

Rs.

Travel

Rs.

Total Charges at Rs. 25,000 approved

Rs.

Grant (Except Field Work Travel)

TOTAL

Rs.

Signature

Recommended: Three years

CHECKLIST FOR DOCUMENT

1. Declaration certificate

2. Assessment certificate

3. UGC certificate of 2(f) & 12(b)

4. Letter from Dean

Name in Block letters

Signature

Dr. D. Solomon

P.P. Narayanan

2018
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

PHYSICS/BIOPHYSICS

PROJECT
Phenomenological Studies on The Role of Neutrinos in Astrophysics and Cosmology

PRINCIPAL INVESTIGATOR (PI)
Dr. Bhag Chand Chauhan
Deptt. of Physics/Biophysics

Central University of Himachal Pradesh, Dharamshala, School of Physical & Material Sciences. Central University of Himachal Pradesh, Dharamshala, Kangra (HP)

College Teachers, name of affiliating University
Central University of Himachal Pradesh, Dharamshala

Aided/Private/Government/Self Financing /any other (Please Specify)
Working/Retired

Category (GEN/SC/ST/Minority/PH)
(Male/Female) Category: GENERAL

Superannuation to be indicated in case of

Investigator

RECOMMENDATION OF THE EXPERTS:

Recommended

Recommendation: The allocation may be provided

RECOMMENDED

1. 
2. 
3. 

FINANCIAL ALLOCATION RECOMMENDED:

NON RECURRING:

Rs. 50,000/- FIFTY THOUSAND

Rs. 3,00,000/- THREE LAC

RECURRING:

Rs. NIL

Rs. 6,00,000/- SIX LAC

NIL

Rs. 1,00,000/- ONE LAC

NIL

Rs. 50,000/- FIFTY THOUSAND

Rs. 95,000/- IN ALL

Three years

SAFETY OF THE EXPERTS COMMITTEE MEMBERS

1. Declaration certificate

2. Assessment certificate

3. UGC certificate of 2(f) & 2(b)

YES/NO

Signature

ASHER KUMAR NAGALI
**UNIVERSITY GRANTS COMMISSION**  
**MAJOR RESEARCH PROJECT SCHEME**

**RECOMMENDATION SHEET**

**Department**: Physics/Biophysics  
**Candidate ID**: MRP-MAJOR-PHYS-2013-13084

<table>
<thead>
<tr>
<th>PROJECT</th>
<th>Heavy-ion induced fusion cross section and spin distribution measurement for understanding the reaction mechanism of heavy compound nucleus</th>
</tr>
</thead>
</table>
| PRINCIPAL INVESTIGATOR (PI) | Dr. Bivash Ranjan Behera  
Dept. of Physics/Biophysics |
| **UNIVERSITY** | Panjab University, Department of Physics Panjab University Sector-14 Chandigarh-160014 |
| **College Teachers, name of affiliating University** | Panjab University |
| **Category (GEN/SC/ST/Minority/PH)** | Aided/Private/Government/Self Financing / any other (Please Specify)  
(Male/Female)  
Category: GENERAL |
| **Principal Investigator** | Working/Retired |
| **Investigator to be indicated in case of** | |
| **RECOMMENDATION OF THE EXPERTS** | |
| **Certified** | The allocation may be provided |
| **Not recommended** | |
| **For not recommending the project:** | 1. Presentation not satisfactory  
2. Unclear about the implementation  
3. Proposal is quite complex |

**FINANCIAL ALLOCATION RECOMMENDED**

<table>
<thead>
<tr>
<th>RECURRING:</th>
<th>(In figures)</th>
<th>(In words)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Journals</td>
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<td></td>
<td>Rs.</td>
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<tr>
<td>WORKING:</td>
<td></td>
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<tr>
<td>Allowance to Retired Teacher</td>
<td>Rs.</td>
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<tr>
<td>Allowance to Skilled Personnel</td>
<td>Rs.</td>
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</tr>
<tr>
<td>Fellowship (Non-Time Non-NET) @ Rs. 15,000/- p.m.</td>
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<tr>
<td>Fellowship (Time-Based) (NET) @ Rs. 10,000/- p.m.</td>
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<td>Refundable</td>
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<td>Refundable</td>
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<tr>
<td>Field Work</td>
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<tr>
<td>Other Charges @ Rs. 10% approved of project grant</td>
<td>Rs.</td>
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</tr>
<tr>
<td>subsistence &amp; Field Work/Travel</td>
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<td>TOTAL</td>
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**Project Recommended**: Three years

**SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS**

<table>
<thead>
<tr>
<th>Name in Block letters</th>
<th>Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>AISWARYA S. Tiwari</td>
<td>a. s.</td>
</tr>
<tr>
<td>B. S. Chopra</td>
<td>a. s.</td>
</tr>
<tr>
<td>SANJAY PANT</td>
<td>a. s.</td>
</tr>
</tbody>
</table>
## UNIVERSITY GRANTS COMMISSION
### MAJOR RESEARCH PROJECT SCHEME

**INFORMATION SHEET**

- **Field of Project**: Development of some transition metal ions / trace elements doped Bioglass Systems for medical applications
- **Principal Investigator (P.I)**: Dr. G. Sahaya Baskaran, Dept. of Physics/Biophysics
- **College Affiliation**: Andhra Loyola College (S. No 23, AP), Andhra Loyola College, Vijayawada, Dist.: Krishna, Andhra Pradesh 520 008 Andhra Pradesh 520 008
- **College Name and Affiliating University**: Krishna University
- **Category (GEN/SC/ST/Minority/PH)**: Male/Female, Category: OBC
- **Status of Principal Investigator**: Working/Retired
- **Signatures to be indicated in case of Co-Investigator**: N/A

### RECOMMENDATION OF THE EXPERTS:

- 1. Needs co - PI from the relevant discipline
- 2. N/A
- 3. N/A

### FINANCIAL ALLOCATION RECOMMENDED:

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<thead>
<tr>
<th>Item</th>
<th>Recurring</th>
<th>Non-Recurring</th>
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<tbody>
<tr>
<td>Coat and Toes</td>
<td>Rs.</td>
<td>Rs.</td>
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<tr>
<td>Salaries</td>
<td>Rs.</td>
<td>Rs.</td>
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<tr>
<td>By-Product</td>
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<td>Equipment</td>
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<tr>
<td>Travel</td>
<td>Rs.</td>
<td>Rs.</td>
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<tr>
<td>Research Stipends</td>
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<td>Rs.</td>
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<tr>
<td>TOTAL</td>
<td>Rs.</td>
<td>Rs.</td>
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</tbody>
</table>

**Project Recommended**: Three years

**Signature of the Experts Committee Members**

1. Declaration certificate
2. Assessment certificate
3. UGC certificate of 2(f) & 12(B)
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

APPLICATION SHEET

Candidate ID: MRP-MAJOR-PHYS-2013-14732

1. Field: Physics/Biophysics

2. PROJECT: To study the properties of 2-dimensional layered structures and effects of doping there in, using density functional theory (DFT)

3. PRINCIPAL INVESTIGATOR (P.I.): Dr. Shelke Pradip Bhausaheb
   Deptt. of Physics/Biophysics

4. College Teachers, name of affiliating University: Ahmednagar College, Ahmednagar College, Station Road, Ahmednagar-414001 (Maharashtra)
   University of Pune

5. Category (GEN/SC/ST/Minority/PH): Aided/Private/Government/Self Financing / any other (Please Specify)
   Male/Female: Category: GENERAL
   Working/Retired

6. RECOMMENDATION OF THE EXPERTS:
   Not Recommended. The allocation may be provided
   Not Recommended
   Not recommending the project
   1. Objective is not significant.
   2. Outcome is relevant to practical problems.
   3. Not innovative.

7. FINANCIAL ALLOCATION RECOMMENDED:

<table>
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<tr>
<th>Item</th>
<th>Recurring</th>
<th>(Rs.)</th>
<th>(In figures)</th>
<th>(In words)</th>
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</thead>
<tbody>
<tr>
<td>Salaries</td>
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<td>Power</td>
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<td>Rent to R &amp; D, Teacher</td>
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<td>Other Personnel</td>
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<td>Other Expenses</td>
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<tr>
<td>totals</td>
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8. Project Recommended: Three years

9. SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS

Name in Block Letters: F. D. Lekhade
Signature:

1. Declaration certificate: YES
2. Assessment certificate: YES
3. UGC certificate of PhD & MPhil: YES
4. Mandate form: YES
**UNIVERSITY GRANTS COMMISSION**
**MAJOR RESEARCH PROJECT SCHEME**

**APPLICATION SHEET**

**Field of Study:** Physics/Biophysics

**Project:** Epitaxial growth and physical properties of Sr based transition metal oxide (SrM03) thin films

**Principal Investigator (P.I.):** Ajit Kumar Patra  
Dept. of Physics/Biophysics

**Affiliation:** Central University of Rajasthan, Central University of Rajasthan NH-8, Bandarsindri, Tehsil-Kishangarh Dist: Ajmer, Rajasthan-305801

**Category (GEN/SC/SI/Minority/PH)**
(Male/Female) Category: OBC
Working/Retired

**Not recommended in case of**

**RECOMMENDATION OF THE EXPETS:**

- Excessive budget.
- Presentation is not up to the mark.
- Application is not clear.

**FINANCIAL ALLOCATION RECOMMENDED:**

<table>
<thead>
<tr>
<th>Item</th>
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<th>(in words)</th>
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<tbody>
<tr>
<td>1. Annual</td>
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<td>2. Travel</td>
<td>Rs.</td>
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<tr>
<td>3. Personnel (Anyone of the following be provided)</td>
<td>Rs.</td>
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<tr>
<td>a. Research (Non-Gate Non NET)</td>
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<tr>
<td>b. Aided (GATE &amp; NET)</td>
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<td>4. Field Work</td>
<td>Rs.</td>
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<td>5. Other Charges</td>
<td>Rs. 10% approved</td>
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**TOTAL**

Rs.

**Recommended:** Three years

**SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS**

<table>
<thead>
<tr>
<th>Name in Block Letters</th>
<th>Signature</th>
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**Checklist for document: YES/NO**

1. Declaration certificate [X]  
2. Assessment certificate [X]  
3. UGC certificate of 21(i) & 12(i) [X]  
4. [illegible entry]
<table>
<thead>
<tr>
<th>No.</th>
<th>Project Title</th>
<th>Principal Investigator (P.I.)</th>
<th>Co-Investigator(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Conducting Polymer Based Metal Oxide Nanocomposite as a Superconductor</td>
<td>Dr. R. Ravindran</td>
<td>Working: Kerala University, India (Project Code: GC0505)</td>
</tr>
<tr>
<td>2</td>
<td>See Narayana College, Kochi. See Narayana College, Kochi.</td>
<td>Abdul Hameed, Muhammad</td>
<td>(Affiliated to the University of Kerala)</td>
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</table>

**Recommendation of the Experts**

- Review recommendations should be provided in a structured format with clear headings and bullet points. The text appears to be partially obscured or cut off.

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**Financial Allocation Recommended**

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<tr>
<th>ID No.</th>
<th>Amount (Rs.)</th>
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<tr>
<td>1</td>
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<tr>
<td>2</td>
<td>Rs. 50,000</td>
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</table>

**Checklist for document**

- All relevant documents and certificates are attached. The checklist includes items such as the recommendation letter, financial allocation, and other supporting documents.

---

**Note:** The image appears to be a scanned copy of a document with handwritten annotations and some text that is not fully legible due to the quality of the scan. The text is mostly readable, but some parts are difficult to interpret due to the handwriting style and the quality of the scan.
UNIVERSITY GRANTS COMMISSION  
MAJOR RESEARCH PROJECT SCHEME  

C. C. : Physics/Biophysics  
Candidate ID : MRP-MAJOR-PHYS-2013-15077  

PROJECT: Mechanism of magneto-structural transition in GaCMn3 type Antiferromagnets  

PRINCIPAL INVESTIGATOR (P.I): Kaustubh R. S. Pradhan  
Deptt. of Physics/Biophysics  

Name of College Teachers, name of affiliating University: Goa University, Taleigao Plateau, Goa 403206  

Ally of College: Goa University  


RECOMMENDATION OF THE EXPERT:  

I recommend the project for recommendation. The allocation may be provided as follows:  

1. Objectives not well defined  
2. Need revisions & resubmission  
3. Could not defend well  

FINANCIAL ALLOCATION RECOMMENDED.  

(Recurring) (In figures) (in words)  

Personnel Rs.  
material Rs.  

cost Rs.  

Personnel (Non-Grant) Teacher: Rs.  
Non-Grant: Rs.  

Personnel (Grant) (Any one of the following be provided): Rs.  
S. F. Fellow (Non-Grant Non NET): Rs 14,000/- p.m.  
S. F. Fellow (Gate/NET/CPAI): Rs 16,000/- p.m.  
material Rs.  

Travel Rs.  

TOTAL Rs.  

Repro. Recommended: Three years  

SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS:  

Name in Block Letters: Ashok Kumar Namdev Pradeep  
Signature:  

Checklist for document YES/NO:  
1. Declaration certificate YES  
2. Assessment certificate YES  
3. UGC certificate of 2(f) & 2(b) YES  
4. Mandate form YES
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

FOUNDATION SHEET

FIELD : Physics/Biophysics

PROJECT
SYNTHESIS, CRYSTAL GROWTH, CRYSTALLOGRAPHY AND CHARACTERIZATION OF COUMARIN DERIVATIVES

PRINCIPAL INVESTIGATOR (P.I.)
G. VASUKI
Deptt. of Physics/Biophysics

INSTITUTION
Kunthavai Naachiyaar Govt. Arts College(W)(Autonomous), Kunthavai Naachiyaar Govt. Arts College(W)(Autonomous), Thanjavur-7.

AFFILIATING UNIVERSITY
Bharathidasan University

TEACHERS NAME OF AFFILIATING UNIVERSITY

CATEGORY (GEN/SC/ST/Minority/PH)
(Male/Female) Category : OBC

CONTRIBUTIONS OF INVESTIGATOR
Working/Retired

RECOMMENDATION OF THE EXPERTS:

Facilities to carry out this project are not available with the PI
Implementation of the project is difficult without external support
More careful sample preparation should be improvised in the project

FINANCIAL ALLOCATION RECOMMENDED

IN RECURRING:

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost (Rs.)</th>
</tr>
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<tbody>
<tr>
<td>Journals</td>
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IN NON-RECURRING:

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<td>Stipend for Gate-NET (Ph.D.)/Ph.D @ Rs. 16,000/- p.m</td>
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TOTAL (Rs.)

Project Recommended: Three years

SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS

1. R. S. Tiwari
2. S. R. Bajwa

Checklist for document

1. Declaration certificate
2. Assessment certificate
3. UGC certificate of 2(f) & 12(B)
4. Mandate form
**UNIVERSITY GRANTS COMMISSION**
**MAJOR RESEARCH PROJECT SCHEME**

**INVESTIGATION SHEET**

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<th>PROJECT</th>
<th>INVESTIGATIONS ON DIELECTRIC AND MAGNETIC PROPERTIES OF BLOOD AND PLASMA OF PATIENT'S SUFFERING FROM TUBERCULOSIS</th>
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<table>
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<tr>
<th>PRINCIPAL INVESTIGATOR (P.I.)</th>
<th>Dr. N. Manohar Reddy Deptt. of Physics/Biophysics</th>
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<tr>
<th>COLLEGE TEACHERS, name of affiliating University</th>
<th>Sreenivasa Institute of Technology and Management Studies, Sreenivasa Institute of Technology and Management Studies (SITAMS), Murkambattu, Chittoor (DL), Andhra Pradesh - 517127</th>
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- Working/Retired

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<th>RECOMMENDATION OF THE EXPERTS:</th>
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1. **ABSENT**

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| Rs. | |
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| Rs. | |
| Rs. | |

| TOTAL | Rs. | |

- Recommended: Three years

**SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS**

<table>
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<td></td>
<td>2. Assessment certificate</td>
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**UNIVERSITY GRANTS COMMISSION**
**MAJOR RESEARCH PROJECT SCHEME**

**FUNDATION SHEET**

**Subject:** Physics/Biophysics

<table>
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<th>Candidate ID</th>
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</thead>
</table>

**Project:** A Study of Inflation and Dark Energy Scenario in the light of PLANK results

**Principal Investigator (P.I.)**
ATRI DESHAMUKHIYA
Deptt. of Physics/Biophysics

**Affiliation:**
Assam University, Silchar - 788011 Cachar Assam

**University:** Assam University

**College:**

**Category (GEN/SC/ST/Minority/PH):**
(Male/Female) Category: GENERAL

**Principal Investigator:**
Working/Retired

**Recommendation:**
Not Recommended.

**Recommendation of the Experts:**

1. Objective is not clear
2. Project has no significance.
3. Research Publications are not in std journals.

**Financial Allocation Recommended:**

<table>
<thead>
<tr>
<th>Recurring</th>
<th>(In figures)</th>
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<td>(in words)</td>
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**Support to Ret. Teacher:**
Rs. 35,000 p.m.

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<tr>
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**Field Charges:**
Rs. 10% approved

**Grant (Except Field Work and Travel):**
Rs.

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<th>Item</th>
<th>Amount</th>
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<td>Rs.</td>
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**Total:**
Rs.

**Recommended:** Three years

**Signature of the Experts Committee Members:**

<table>
<thead>
<tr>
<th>Name</th>
<th>Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prof. C.D. Lokhande</td>
<td>[Signature]</td>
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<tr>
<td>Prof. R.R. Yadav</td>
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</table>

**Checklist for Document:**

1. Declaration certificate
2. Assessment certificate
3. UGC certificate of 2(f) & 12(b)
4. Mandate form
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

<table>
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<th>NAME OF PROJECT</th>
<th>Study of Structural and Physical Properties of R2117-xMx (R = rare earth element; T = Fe, Co; M = Al, Ga, Si, Cr, Mn) System</th>
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<th>NAME OF PRINCIPAL INVESTIGATOR (P.I)</th>
<th>Sanjoy Mukherjee</th>
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<th>AFFILIATING UNIVERSITY</th>
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<td>Signature</td>
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**UNIVERSITY GRANTS COMMISSION**
**MAJOR RESEARCH PROJECT SCHEME**

**PROJECT**
Higher Dimensional Studies of Mesons in the light of Quantum Chromodynamics and String Theory Inspired Potential Models.

**PRINCIPAL INVESTIGATOR (P.I.)**
SABYASACHI ROY
Dept. of Physics/Biophysics

**Affiliation**
KARIMGANJ COLLEGE, Karimganj College Station Road P.O/Dist:
Karimganj Assam-788710

**College Teachers, name of affiliating University**

**Category (GEN/SC/ST/Minority/PH)**
Aided/Private/Government/Self Financing / any other (Please Specify)

**Principal Investigator**

**Supernumerary to be indicated in case of**

**RECOMMENDATION OF THE EXPERTS:**

- Poor presentation
- I was not clear about cluster computing
- Proposal is not focussed

**FINANCIAL ALLOCATION RECOMMENDED**

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**Project Recommended:** Three years

**SIGNATURE OF THE EXPERT(S) COMMITTEE MEMBERS**

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<td>L. Dutt, C. B.</td>
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**Checklist for document**

- 1. Declaration certificate **YES**
- 2. Assessment certificate **YES**
- 3. UGC certificate of 2(f) & 12(B) **YES**
- 4. 1st Mandate form **YES**
**UNIVERSITY GRANTS COMMISSION**  
**MAJOR RESEARCH PROJECT SCHEME**

**Subject:** Physics/Biophysics  
**Candidate ID:** MRP-MAJOR-PHYS-2013-16712

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<th>프로젝트</th>
<th>Elemental Analysis of Medicinal Plants by Particle Induced X-ray Emission (PINE) Technique</th>
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| 프로젝트 이니게이터 (P.I.) | BASAVARAJ RACHAPPA KERUR  
Dept. of Physics/Biophysics |
| 교육/연수 기간 | Department of Physics, Gulbarga University, Gulbarga 585 106 Karnataka |
| 대학, 또는 연속 기간에 대한 부속 기관명 | |
| 대학 | |
| 지원/주관 기관/자체부설/자주화 (기타) | Aided/Private/Government/Private Financing (Please Specify) |
| (Male/Female)  
Category: GENERAL  
Supernumerary to be indicated in case of | |
| 부속 기관 | Working/Retired |
| 부속 기관 |

**RECOMMENDATION OF THE EXPERTS:**

- 역할:  
  - 리뷰: The allocation may be provided |
  - 추천: Do not recommending the project |

1. **Routine work**  
2. **Research not adequate**  
3. **Interdisciplinary nature more well tackled**

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**UNIVERSITY GRANTS COMMISSION**  
**MAJOR RESEARCH PROJECT SCHEME**

**SUBMISSION SHEET**

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<td>PRINCIPAL INVESTIGATOR (P.I.)</td>
<td>K.B. RAJESH Dept. of Physics/Biophysics</td>
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<td>Aided/Private/Government/Self Financing (any other (Please Specify))</td>
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<td>Principal Investigator</td>
<td>(Male/Female) Category: SC</td>
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<td>Co-Investigator</td>
<td>Working/Retired</td>
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2. **RECOMMENDATION OF THE EXPERTS:**

| Recommendation | Few unclarified issues need to be addressed. |

3. **FINANCIAL ALLOCATION RECOMMENDED:**

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- Project Recommended: Three years

4. **SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS:**

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<th>Checklist for document</th>
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<td>3. CGC certificate of 20% &amp; 12%</td>
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**Note:** In bold letters

**Expected Duration:** Three years
## UNIVERSITY GRANTS COMMISSION
### MAJOR RESEARCH PROJECT SCHEME

**FACULTY:** Physics/Biophysics  
**Candidate ID:**  
**MRP-MAJOR-PHYS-2013-18740**

### PROJECT

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### College

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### Project Investigator

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### RECOMMENDATION OF THE EXPERTS:

1. Project outline is not clear
2. Confused/Indecisive/Defined inadequately
3. Poor presentation

### FINANCIAL ALLOCATION RECOMMENDED:

#### Recurring:

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#### Non-Recurring:

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### Personnel (Any one of the following may be provided)

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<td>Petty Officer (Gate Net) OPAL a Rs. 16,000/- p.m.</td>
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### Travel Rs.

### Field Work Rs.

### Email Changes a Rs. 10% approved

### Grant if Field Work/Travel

| TOTAL | Rs. | |

**Recommended:** Three years

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<td>C. N. Kumy</td>
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<td>4. Mandate form</td>
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UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

EXAMINATION SHEET

DEPARTMENT: Physics/Biophysics
Candidate ID
MRP-MAJOR-PHYS-2013-18880

DEPARTMENT OF PROJECT
OF PRINCIPAL INVESTIGATOR (P.I.)
Quantum Phases of spin-1 bosonic atoms in Bichromatic Superlattices
Ramesh V. Pai
Dept. of Physics/Biophysics

AFFILIATING UNIVERSITY
Gau University, Taleigao Plateau, Goa University Post Office, Goa 403 206

AIDED/PRIVATE/GOVERNMENT/SELF-FINANCING / ANY OTHER (PLEASE SPECIFY)
Gau University (Male/Female) Category: GENERAL

PRINCIPAL INVESTIGATOR
Working/Retired

SUPERANNUATION TO BE INDICATED IN CASE OF

RECOMMENDATION OF THE EXPERTS:

☐ Recommended
☐ Not recommended
☐ Not recommending the project

FINANCIAL ALLOCATION RECOMMENDED.

RECURRING:

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NON-RECURRING:

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Project Recommended: Three years

SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS

Name in block letters: C P Kunwar

Signature: [Signature]

Checklist for document: YES/NO

1. Declaration certificate: YES
2. Assessment certificate: YES
3. UGC certificate of 2(f) & 12(11): YES
4. Mandate form: YES
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

APPLICATION SHEET

Field: Physics/Biophysics

Candidate ID: MRP-MAJOR-PHYS-2013-18891

PROJECT: Computational Modeling in Quantum Mechanics for Quantum Computation and Quantum Information

PRINCIPAL INVESTIGATOR (P.I.): Dr. POPAT SAVALE RAM TAMBADE

AFFILIATING INSTITUTION:

1. College Teachers, name of affiliating University:
   Prof. Ramkrishna More Arts, Commerce and Science College, Akurdi, Akurdi Pradhikaran Pune 411044

2. College:
   Pune University

Support: (GEN/SC/ST/Minority/PH)
   (Male/Female) Category: GENERAL

3. Abridgement to be indicated in case of
   Working/Retired

RECOMMENDATION OF THE EXPERTS:

1. Project is not well focussed.
2. Poor Presentation
3. Deliverables not clear

FINANCIAL ALLOCATION RECOMMENDED.

IN RECURRING: (In figures) (In words)

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Field Work

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### RECOGNITION SHEET

**UNIVERSITY GRANTS COMMISSION**

**MAJOR RESEARCH PROJECT SCHEME**

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<tr>
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<th>MRP-MAJOR-PHY-2013-18935</th>
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<tr>
<td><strong>OF PROJECT</strong></td>
<td>A Study of Heavy Flavor Mesons and Glue Balls</td>
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<tr>
<td><strong>OF PRINCIPAL INVESTIGATOR (P.I)</strong></td>
<td>Dilip Kumar Choudhury Deptt. of Physics/Biophysics</td>
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<td>College Teachers, name of affiliating University</td>
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<td>Name of College</td>
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<td>Category (GEN/SC/ST/Minority/PH (Male/Female))</td>
<td>GENERAL Working/Retired</td>
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**RECOMMENDATION OF THE EXPERTS:**

- **Present:**
  - Recommendation: The allocation may be provided.
  - **Amount:**
    - 1.
    - 2.
    - 3.

**FINANCIAL ALLOCATION RECOMMENDED:**

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<td>Research Personnel</td>
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<td>Contingent (Non-Grant)</td>
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<td>Exhibition</td>
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| Total | Rs. | |

**(Expenses recommended for the years specified): Three years**

**SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS:**

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**Checklist for document:**

1. Declaration certificate
2. Assessment certificate
3. UGC certificate of 2(i) & 12(b)
4. Mandate form
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

RECOMMENDATION SHEET

SCT: Physics/Biophysics

Candidate ID: MRP-MAJOR-PHYS-2013-20163

PROJECT
- Nonlinear reorientation dynamics of the director axis in Liquid Crystals

PRINCIPAL INVESTIGATOR (PI)
- Dr. K. GNANASEKARAN
- Deptt. of Physics/Biophysics
- Nehru Memorial College, Nehru Memorial College, (Autonomous) Puthanampatti-621007 Tiruchirappalli-Dt. Tamil Nadu, India.
- Bharathidasan University-Tiruchirappalli-620024

Category (GEN/SC/ST/Minority/PH)
- Aided/Private/Government/Self Financing / any other (Please Specify)
- (Male/Female) Category: GENERAL
- Working/Retired

RECOMMENDATION OF THE EXPERTS:

ABSENT

1.
2.
3.

FINANCIAL ALLOCATION RECOMMENDED.

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<td>B. Stipend</td>
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<td>C. Equipment</td>
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TOTAL: Rs.

Project Recommended: Three years

SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS

Name in Block Letters: Signature

Checklist for document: YES/NO

1. Declaration certificate
2. Assessment certificate
3. UGC certificate of 2(f) & 12(B)
4. Mandate form
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

FUNDATION SHEET

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<td>Punjab University</td>
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<td>J. D. S.</td>
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<td>C. N.</td>
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<td>2. Assessment certificate</td>
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<td>4. Mandate form</td>
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<td>YES/NO</td>
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UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

APPLICATION SHEET

Subject: Physics/Biophysics

Candidate ID: MRP-MAJOR-PHYS-2013-20948

PROJECT
Investigation on enhancement of specific absorption rate of \( \text{MFe}_2\text{O}_4 \) nanoparticles for hyperthermia therapy application

PRINCIPAL INVESTIGATOR (P.I.)
Ashwini B. Salunkhe
Dept. of Physics/Biophysics

Affiliation
D.Y. Patil University, Kolhapur, D.Y. Patil University, Kasaba Bawada, Kolhapur, 416006 (Maharashtra) INDIA

College Teachers, name of affiliating University
D.Y. Patil University, Kolhapur

Field of College
Aided/Private/Government/Self Financing / any other (Please Specify)

Category (GEN/SC/ST/Minority/PH)
(Male/Female) Category: GENERAL

Principal Investigator
Working/Retired

Recommendation to be indicated in case of

RECOMMENDATION OF THE EXPERTS:

absent

FINANCIAL ALLOCATION RECOMMENDED

RECURRING:

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Nonteaching Personnel (Any one of the following be provided)

Rs.

Special Charges @ Rs. 10% approved

TOTAL

Rs.

Project Recommended: Three years

SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS

1. Declaration certificate
2. Assessment certificate
3. UGC certificate of 2(f) & 12(b)
4. Mandate Form
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

Recommendation Sheet

Candidate ID: MRP-MAJOR-PHYS-2013-21460

DEPARTMENT: BIOPHYSICS

PROJECT: Investigating Close-in Extra-solar Planets through Photometric Follow-up of their Transits.

PRINCIPAL INVESTIGATOR (P.I.): Dr. Parijat Thakur
Deptt. of Physics/Biophysics

AFFILIATING INSTITUTION: Guru Ghasidas Vishwavidyalaya (A Central University), Koni, Bilaspur (C.G.) - 495 009

COLLEGE / INSTITUTION OF PROJECT: Guru Ghasidas Vishwavidyalaya (A Central University)

RECOMMENDATION OF THE EXPERTS:

Recommended

FINANCIAL ALLOCATION RECOMMENDED:

RESEARCH:

(In figures) (in words)

Rs. N.I.

Rs. 20,000/- - Two lakhs only-

RECURRING:

Rs. NIL

Rs. 6,00,000/- - Six lakhs only-

Rs. 75,000/-

Rs. 60,000/- - Sixty thousand only-

Rs. 61,500/-

Rs. 10,02,500/-

Total: Three years

SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS:

Name in Block Letters: M.R. Anupam Samanta

Signature: [Signature]

Checklist for document:

1. Declaration certificate [YES/NO]
2. Assessment certificate [YES/NO]
3. UGC certificate of 213 & 12B [YES/NO]
4. Mandate form [YES/NO]
**UNIVERSITY GRANTS COMMISSION**
**MAJOR RESEARCH PROJECT SCHEME**

**DEPARTMENT SHEET**

| Name: Physics/Biophysics | Candidate ID: MRP-MAJOR-PHY-2013-21756 |

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<th>Photometric and Spectroscopic study of eclipsing binaries in open cluster NGC 2632</th>
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<td>Kandulapati Sriman</td>
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**College Teachers, name of affiliating University:**
Department of Astronomy, Osmania University, Department of Astronomy University college of Science Osmania University Hyderabad-500 007 Andhra Pradesh India.

**Category (GEN/SC/ST/Minority/PH):** Aided/Private/Government/Self Financing / any other (Please Specify)

**Principal Investigator:**

**Recommendation to be indicated in case of non-Investigator:**

**RECOMMENDATION OF THE EXPERTS:**

- Absent

**FINANCIAL ALLOCATION RECOMMENDED:**

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**Total Recommended:** Three years

**SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS:**

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**Checklist for document:**

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2. Assessment certificate
3. UGC certificate of 200 & 2011
# UNIVERSITY GRANTS COMMISSION
## MAJOR RESEARCH PROJECT SCHEME

### FUNDATION SHEET

**Area of Physics/Biophysics**

**Candidate ID**

**Project:** COSMOLOGIES WITH DARK MATTER, DARK ENERGY & THE MODIFIED GRAVITY

**Original Investigator (PI):** Dr. Bikash Chandra Paul

**Institution:** North Bengal University, North Bengal University PO, Rama Mohanpur Dist, Darjeeling Pin: 734013 West Bengal

**Signature:**

### RECOMMENDATION OF THE EXPERTS:

**Absence**

### FINANCIAL ALLOCATION RECOMMENDED:

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**First Year:**

- Rs.
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- Rs.

**Second Year:**

- Rs.
- Rs.

**Third Year:**

- Rs.

**TOTAL:** Rs.

**Recommended:** Three years

**Signature:**

**Name in Block Letters:** Prof. M.T.R. Roy

**Checklist for Document:**

- 1. Declaration certificate
- 2. Assessment certificate
- 3. UGC certificate of 2(f) & 12(b)
- 4. Mandate form
**UNIVERSITY GRANTS COMMISSION**  
**MAJOR RESEARCH PROJECT SCHEME**  

**APPLICATION SHEET**

**COURSE**: Physics/Biophysics  
**Candidate ID**: MRP-MAJOR-PHY-2013-22222

| **PROJECT** | Estimation of Moho depth and Source parameters of earthquakes originated in Shillong-Mikir Hills Plateau and its adjoining region of northeastern region (NER) of India:
| **PRINCIPAL INVESTIGATOR (P.I.)** | DR. DPIK KUMAR BORA  
Deptt. of Physics/Biophysics
| **College Teachers, name of affiliating University** | Dipu Govt. College, Dipu, Karbi-Anglong, Assam, Dipu Govt. College, Dipu-782462, Karbi-Anglong, Assam
| **Category (GEN/SC/ST/Minority/PH)** | Aided/Private/Government/Self Financing / any other (Please Specify)
**Male/Female** | Category: GENERAL
| **Working/Retired** | Working/Retired

**RECOMMENDATION OF THE EXPERTS**:

| Provided | **RECOMMENDED**
| --- | ---
| 1. | 
| 2. | 
| 3. | 

**FINANCIAL ALLOCATION RECOMMENDED**:

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<th><strong>(In figures)</strong></th>
<th><strong>(In words)</strong></th>
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**Duration**: Three years

**SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS**

<table>
<thead>
<tr>
<th>Name in Block Letters</th>
<th>Signature</th>
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<tr>
<td>K.T. ROBBDY</td>
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<td>H. K. K. KAN</td>
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<td>Declaration certificate</td>
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<td>UGC certificate of 2010 &amp;1201</td>
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UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

APPLICATION SHEET

Subject: Physics/Biophysics

Candidate ID: MRP-MAJOR-PHYS-2013-22967

PROJECT TITLE: Nonlinear Matter Waves in Multicomponent Bose-Einstein Condensates

PRINCIPAL INVESTIGATOR (P.I.): T. KANNA
Dept. of Physics/Biophysics

Institution: Bishop Heber College, Vayalar Road, Tiruchirappalli, Tamil Nadu-620 017 India

College Teachers, name of affiliating University: Bharathidasan University, Tiruchirappalli - 620 024

Aided/Private/Government/Self Financing/any other (Please Specify): (Male/Female) Category: OBC Working/ Retired

RECOMMENDATION OF THE EXPERTS:

Evaluated

1. Recommendation: The allocation may be provided

2. Abridging

3. Comments on recommending the project:

FINANCIAL ALLOCATION RECOMMENDED.

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Total: Rs.

Project Recommended: Three years

Nature of the Experts Committee Members:

Name in block letters: Signature

Checklist for documents:

1. Declaration certificate
2. Assessment certificate
3. UGC certificate of 21(1) & 12(b)
4. Mandate form
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

APPLICATION SHEET

Physics/Biophysics

Candidate ID
MRP-MAJOR-PHYS-2013-23107

NAME OF PROJECT
“A cost-effective approach for developing core/shell structured CdSe/ZnS (N=S, Se, Te) and CdTe/ZnS (N=S, Se, Te) nanostructures for biomedical and energy applications”

NAME OF PRINCIPAL INVESTIGATOR (P.I.)
Dr. N. S. Nirmala Jothi
Deptt. of Physics/Biophysics

Venerable Teachers, name of affiliating University
Loyola College (Autonomous), Nungambakkam Chennai-600 034.

Name of College
University of Madras

Category (GEN/SC/ST/Minority/PH)
(Male/Female) Category: OBC

Principal Investigator
Working/Retired

Superannuation to be indicated in case of

RECOMMENDATION OF THE EXPERTS:

Recommended

Discuss the allocation may be provided

(Not recommending the project)

1. No novel outcome envisaged
2. Very routine and vast project
3. Presentation confusing

FINANCIAL ALLOCATION RECOMMENDED

RECURRING

(In figures) (in words)

Salary
Rs.

Rs.

RECURRING:

Asstt. Prof. Teacher
Rs.

Rs.

Pension/Retirement: Any one of the following be provided:
Rs.

Rs.

1. Non-gate Non-M.Tech Rs. 14,000/- p.m.
2. Salary (Gate NEETPAH) Rs. 16,000/- p.m.

Grants
Rs.

Rs.

Services
Rs.

Rs.

Old Work
Rs.

Rs.

Other (Specify Rs. 10% approved
Rs.

Rs.

TOTAL
Rs.

Three years

SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS

Name in Block letters

K. T. R. REDDY

Signature

K. T. R. REDDY

Checklist for document

YES/NO

1. Declaration certificate

✓

2. Assessment certificate

✓

3. UGC certificate of 2(F) & 12(B)

✓

4. Mobility

✓

5. 

✓
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

EXAMINATION SHEET

Subject: Physics/Biophysics
Candidate ID: MRP-MAJOR-PHYS-2013-23412

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<th>PROJECT</th>
<th>CdH-x MnTe DMS Material Thin Film Synthesis, Studies &amp; Applications in Photoelectrochemical Cell.</th>
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<tr>
<td>PRINCIPAL INVESTIGATOR (P.I.)</td>
<td>THAKRE LALIT VENKATRAO Deptt. of Physics/Biophysics</td>
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<td>College Teachers, name of affiliating University</td>
<td>Dayanand Science College, Latur (MS), Dayanand Science College, Barshi Road Latur - 413 531</td>
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RECOMMENDATION OF THE EXPERTS:

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1. Proposal is weak
2. Routine studies
3. Poor response to query

FINANCIAL ALLOCATION RECOMMENDED.

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Also Recommended: Three years

CHECKLIST FOR DOCUMENT

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UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

INFORMATION SHEET

Candidate ID MRP-MAJOR-PHYS-2013-24069

1. M.Sc. Physics/Biophysics

2. Project Title: Estimating Cosmological Parameters from CMB Anisotropy Measurements

3. Name of Principal Investigator (P.I.): MINU JOY Dept. of Physics/Biophysics

4. College Teachers, name of affiliate University: ALPHONSA COLLEGE, ALPHONSA COLLEGE, ARUNAPURAM P.O. KERALA - 686574 MAHATMA GANDHI UNIVERSITY

5. Name of College: Aided/Private/Government/Private Finishing / any other (Please Specify)

6. Category (GEN/SC/ST/Minority/PH): (Male/Female) Category: GENERAL

7. Status of Project: Working/Retired

RECOMMENDATION OF THE EXPERTS:

☑️ Recommended

☒ Recommended

☒ Not Recommended the project

1.

2.

3.

FINANCIAL ALLOCATION RECOMMENDED.

| Item | Amount (in figures) | (In words)
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Project Recommended: Three years

SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS

Name in Block Letters

[Signatures]

Checklist for documents

1. Declaration certificate [✓]
2. Assessment certificate
3. UGC certificate of 2(f) & 12(B)
4. Mandatory form [✓]
**UNIVERSITY GRANTS COMMISSION**  
**MAJOR RESEARCH PROJECT SCHEME**

**RECOMMENDATION SHEET**

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<tr>
<td><strong>DEPARTMENT</strong></td>
<td>Physics/Biophysics</td>
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<tr>
<td><strong>PROJECT</strong></td>
<td>THEORETICAL INVESTIGATIONS ON OCCURRENCE OF ENTANGLEMENT DEATH AND REVIVAL IN ATOM-FIELD INTERACTION MODELS</td>
</tr>
<tr>
<td><strong>PRINCIPAL INVESTIGATOR (P.I.)</strong></td>
<td>A. Basherruddin Mahmud Ahmed</td>
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<td><strong>UNIVERSITY</strong></td>
<td>Madurai Kamaraj University, School of Physics, Madurai Kamaraj University Palakkalai Nagar, Madurai Tamilnadu - 625021</td>
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<td><strong>College Teachers, name of affiliating University</strong></td>
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<td>Working/Retired</td>
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<td><strong>Duration</strong></td>
<td>3. Proposed lacks clarity</td>
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<td><strong>RECOMMENDATION OF THE EXPERTS:</strong></td>
<td>2. No good publications in the area</td>
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<td>3. Not highly motivated</td>
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**Duration:** Three years

**Name in Block letters:** M. R. Anantharaman  
**Signature:** Sandar Pandit Das

**Checklist for document:**

1. Declaration certificate [✓]  
2. Assessment certificate [✓]  
3. UGC certificate of 2(f) & 12(b) [✓]
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

VINDICATION SHEET

Subject: Physics/Biophysics

Candidate ID: MRP-MAJOR-PHY-2013-24731

II. PROJECT

To develop A2O3 based nano-ceramic glasses and to investigate photoinduced nonlinear optical effects for applications in broadband optical amplifiers

III. PRINCIPAL INVESTIGATOR (P.I.)

Dr. GANDHI YERRAMREDDY
Dept. of Physics/Biophysics

K.V.R. College, K.V.R. College, Vaddana - 521185, Krishna Dist., Andhra Pradesh

IV. College Teachers, name of affiliating University

krishna University

V. Category (GEN/SC/ST/Minority/PH)

Aided/Private/Government/Self Financing / any other (Please Specify)

VI. Principal Investigator

(Male/Female) Category: GENERAL

VII. Superannuation to be indicated in case of

Working/Retired

RECOMMENDATION OF THE EXPERTS:

1. Physics is not clear.
2. Objectives are not well defined.
3. Budget is excessive.

FINANCIAL ALLOCATION RECOMMENDED

SCHEDULED:

(In figures) (in words)

1. Recurring:
   - for Journals Rs.
   - for others Rs.

2. Non-Recurring:
   - for travel Rs.
   - for personal, travel Rs.
   - for books Rs.
   - for equipment Rs.
   - for field work Rs.
   - for other charges Rs.
   - total Rs.

Total: Rs.

Project Recommended: Three years

SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS

Name in block letters: [Signature]

1. Declaration certificate
2. Assessment certificate
3. UGC certificate of 2(f) & 12(b)
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

CET: Physics/Biophysics

Candidate ID: MRP-MAJOR-PHYS-2013-24940

OF PROJECT: Development of Online Quantum Mechanics Concept Inventory for Identifying the Learning gaps of Undergraduate Students Majoring in Physics. Through Physics Education Resea

OF PRINCIPAL INVESTIGATOR (PI): Dr. P.K. Ahlawat, Deptt. of Physics/Biophysics

OF COLLEGE TEACHERS, NAME OF AFFILIATING UNIVERSITY: Himachal Pradesh University, Himachal Pradesh University Simla 171005

OF COLLEGE: Himachal Pradesh University

Category (GEN/SC/ST/Minority/PH): Aided/Private/Government/Self Financing / any other (Please Specify) (Male/Female) Category: GENERAL

Principal Investigator: Working/Retired

RECOMMENDATION OF THE EXPERTS:

[Handwritten text: 1. Physics Education based with little research prospect & person is to retire soon.]

FINANCIAL ALLOCATION RECOMMENDED:

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<td>Lecturer, Teacher</td>
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<td>Support Personnel (Anyone of the following be provided)</td>
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<td>Non-Net Non-Net</td>
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Length of Project: Three years

SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS:

AK Nagawat

Checklist for document: YES/NO

1. Declaration certificate: YES
2. Assessment certificate: YES
3. UGC certificate of 2(f) & 12(a): NO
<table>
<thead>
<tr>
<th>PROJECT</th>
<th>Preparation and Characterization of Sputtered Smart nanomaterials for Electrochromic devices</th>
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<td>A. Ayeshamarian, Deptt. of Physics/Biophysics</td>
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<tr>
<td>College</td>
<td>Khadir Mohideen College, Adirampattinam, Khadir Mohideen College, Sethu Road, Adirampattinam-614 701, Tamil Nadu, India</td>
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<td>College Teachers, name of affiliating University</td>
<td>Bharathidasan University, Tiruchirappalli</td>
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**RECOMMENDATION OF THE EXPERTS:**

1. 
2. 
3. 

**FINANCIAL ALLOCATION RECOMMENDED:**

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**RECOMMENDED:** Three years

**Checklist for document:**

1. Declaration certificate
2. Assessment certificate
3. UGC certificate of 2(f) & 12(b)
4. Mandate form

**Signature:**

[Signature]

[Signature]

[Signature]
**UNIVERSITY GRANTS COMMISSION**
**MAJOR RESEARCH PROJECT SCHEME**

**FELLOWSHIP SHEET**

**DEPARTMENT**: Physics/Biophysics  
**Candidate ID**: MRP-MAJOR-PHY-2013-25508

<table>
<thead>
<tr>
<th>Project Title</th>
<th>QUANTIFYING ENTANGLEMENT AND ANGULAR MOMENTUM OF POLARIZED PHOTON IN NATURAL/INDUCED BIREFRINGENT/OPTICALLY ACTIVE MEDIUM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principal Investigator (P.I.)</td>
<td>Dr. DIPTI BANERJEE Deptt. of Physics/Biophysics</td>
</tr>
<tr>
<td>Institute</td>
<td>VIDYASAGAR COLLEGE FOR WOMEN, Vidyasagar College for Women, 39, Sankar Ghosh Lane, Kolkata-6, Pin-700006, West Bengal, INDIA</td>
</tr>
<tr>
<td>College Teachers, name of affiliating University</td>
<td>UNIVERSITY OF CALCUTTA</td>
</tr>
<tr>
<td>Category (GEN/SC/ST/Minority/PH)</td>
<td>Aided/Private/Government/Self Financing / any other (Please Specify)</td>
</tr>
<tr>
<td>(Male/Female) Category: GENERAL</td>
<td>Working/Retired</td>
</tr>
</tbody>
</table>

**RECOMMENDATION OF THE EXPERTS**

Not assessed by proper committee  
As no designation mentioned in assessment certificate  
Could not satisfy queries related to objectives & significance

**FINANCIAL ALLOCATION RECOMMENDED**

<table>
<thead>
<tr>
<th>IN RECURRING:</th>
<th>(In figures)</th>
<th>(In words)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amount</td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Rs.</td>
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</tr>
</tbody>
</table>

**IN NON RECURRING**  
Principal or Rtd. Teacher  
Salaried & Non-salaried Personnel(Any one of the following he provided):  

g) Rs.  
Rs.  
Rs.  

Additional Charges @ 10% approved  
Rs.  

**TOTAL**  
Rs.  

**Notes Recommended**: Three years

**SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS**

![Signature]

**Checklist for document**  
1. Declaration certificate  
2. Assessment certificate  
3. Project report  
4. Academic performance certificate

YES/NO: Yes but may be considered after 2008
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

APPLICATION SHEET
Candidate ID: MRP-MAJOR-PHYS-2013-25515

Field: Physics/Biophysics

PROJECT
Crystal structure refinement, impedance spectroscopy and ferroelectric behavior of modified Na0.5Bi0.5TiO3 ceramics

OF PRINCIPAL INVESTIGATOR (P.I)
Sujata Sanghi, Dept. of Physics/Biophysics

GURU JAMBHESHWAR UNIVERSITY OF SCIENCE AND TECHNOLOGY, HISAR, GURU JAMBHESHWAR UNIVERSITY OF SCIENCE AND TECHNOLOGY, HISAR - 125001, HARYANA

College Teachers, name of affiliating University

Category (GEN/SC/ST/Minority/PH)
Aided/Private/Government/Self Financing / any other (Please Specify)

Sex of College (Male/Female)
Working/Retired

RECOMMENDATION OF THE EXPERTS:

1. I am not able to justify the objectives
2. The strategy of the modification of the ceramic sample is not justified
3. Presentation is not satisfactory

FINANCIAL ALLOCATION RECOMMENDED

RECURRING: (In figures) (in words)

Project Personnel Rs.

PERIOD:

Three years

SIGNATURE OF THE EXPERIMENTAL MEMBERS

Name in block letters

1. Declaration certificate
2. Assessment certificate
3. LGF certificate of Rs. 200,000
### Project Sheet

**Title of Project**
Design and Simulation of Alternate Periodic Materials for Photonic Band Gap (PBG) Applications

**Name of Principal Investigator (P.I.)**
Dr. Khem Bahadur Thapa

**College/University**
University Institute of Engineering & Technology, CSJMI University, Kanpur, Department of Physics University Institute of Engineering & Technology, CSJMI University, Kanpur-208024 (UP) INDIA

**Name of College/School/Department**
Physics/ Biophysics

**Category (GEN/SC/ST/Minority/PHD)**
(Male/Female) Category: GENERAL

**Remuneration to be indicated in case of retirement**
Working/Retired

### Recommendation of the Experts

1. 
   - The project is recommended.
   - The allocation may be provided.
   - Signed:

### Financial Allocation Recommended

<table>
<thead>
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<th>Amount</th>
<th>Remarks</th>
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</table>

**Duration:**
Three years

### Signature of the Experts Committee Members

[Signature]

**Checklist for Document**
1. Declaration certificate
2. Assessment certificate
3. UGC certificate of 25% & 12(B)

[Signature]

[Signature]
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

Answer Sheet

Title: Physics/Biophysics
Candidate ID: MRP-MAJOR-PHYS-2013-25714

1. PROJECT: Structural, Electronic, Elastic, Mechanical and High Pressure study of Binary Intermetallic Compounds

2. PRINCIPAL INVESTIGATOR (P.I.): Dr. S.P. Sanyal
   Dept. of Physics/Biophysics

3. EPS: Barkatullah University, Bhopal, Department of Physics, Barkatullah University, Bhopal 462026 (M.P.)

4. College Teachers, name of affiliating University: Barkatullah University, Bhopal

5. No College Teachers, name of affiliating University

   (Male/Female) Category: GENERAL
   Principal Investigator: Working/Retired

7. RECOMMENDATION OF THE EXPETS:

   1. Recruited
   2. Not recommended
   3. Not recommending the project

8. FINANCIAL ALLOCATION RECOMMENDED
   NON RECURRING:
   (In figures) (in words)

   1. Rs.
   2. Rs.

   RECURRING:
   Rs.

   1. Rs.
   2. Rs.

   Rs.

9. Tickets/Travel
   Rs.

10. Project Recommended: Three years

   Checklist for document: YES/NO
   1. Declaration certificate
   2. Assessment certificate
   3. UGC certificate of 201 & 12(B)
   4. Mandate form

   Name in block letters:
   Signature:

   Mr. Ashok Kumar Nogahat

   Date: 30-11-2013
**UNIVERSITY GRANTS COMMISSION**  
**MAJOR RESEARCH PROJECT SCHEME**

<table>
<thead>
<tr>
<th>Project</th>
<th>Theoretical studies of some of the structural and dynamical properties of Carbon Nanotubes and Graphene in contact with various substrates.</th>
</tr>
</thead>
<tbody>
<tr>
<td>PI</td>
<td>Shuchi Gupta, Dept. of Physics/Biophysics</td>
</tr>
<tr>
<td>College</td>
<td>University Institute of Engineering and Technology, Panjab University, Chandigarh, University Institute of Engineering and Technology, Panjab University, Sector 25 Campus, Chandigarh-160025.</td>
</tr>
<tr>
<td>Category</td>
<td>Aided/Private/Government/Self Financing / any other (Please Specify)</td>
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<td>Male/Female</td>
<td>Category: GENERAL.</td>
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<tr>
<td>Principal Investigator</td>
<td>Working/Retired.</td>
</tr>
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</table>

**RECOMMENDATION OF THE EXPERTS:**

| 
| --- | --- |
| 1. | The literature survey not up to the mark. |
| 2. | Presentation not satisfactory. |
| 3. | Current research not refereed. |

**FINANCIAL ALLOCATION RECOMMENDED.**

<table>
<thead>
<tr>
<th>Description</th>
<th>Rs.</th>
<th>(In figures)</th>
<th>(in words)</th>
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<td>A. Journals</td>
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<td>B.滑</td>
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<tr>
<td>C.滑</td>
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</tr>
<tr>
<td>D.滑</td>
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<tr>
<td>E.滑</td>
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</table>

- **Total:** Rs.

**Project Recommended:** Three years

**SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS**

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>R. S. Tiwari</td>
<td>[Signature]</td>
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**Checklist for document:**

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<td>2.</td>
<td>Assessment certificate</td>
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<tr>
<td>3.</td>
<td>Certificate of UGC &amp; AICTE</td>
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</tbody>
</table>
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

APPLICATION SHEET

Field: Physics/Biophysics

Candidate ID: MRP-MAJOR-PHY-2013-26649

Name of the Principal Investigator (P.I.):

SYED SIKANDAR ZULQARNAYN
Dept. of Physics/Biophysics

Affiliation of University:
ALIGARH MUSLIM UNIVERSITY

College Teacher's name of Affiliating University:
ALIGARH MUSLIM UNIVERSITY

Program/Institution:
Aided/Private/Government/Self Financing/any other (Please Specify)

Name of College:

Gender:
(Male/Female) Category: GENERAL

Supernumerary to be indicated in case of:

5. Co-Investigator

RECOMMENDATION OF THE EXPERTS:

Recommended

FINANCIAL ALLOCATION RECOMMENDED (in figures) (in words)

1. Rs. 50,000 fifty thousands
2. Rs. 1,50,000 One lakh fifty thousands
3. Rs. 6,00,000 Six lakhs
4. Rs. 1,00,000 One lakh
5. Rs. 1,20,000 One lakh twenty thousands
6. Rs. 70,000

TOTAL Rs. 10,70,000

Duration: Three years

CHECKLIST FOR DOCUMENT:

1. Declaration certificate
2. Assessment certificate

Name in Block Letter:
DSc. D. ROHANA

Signature:

Yes/No:

SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS:
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

PROJECT SHEET

Physics/Biophysics

Candidate ID

MRP-MAJOR-PHY-2013-26052

NAME OF PROJECT
Biological-Activity-Predictions, X-ray Structure Analysis and Molecular Interactions in Some Organic Compounds of Medicinal Importance

NAME OF PRINCIPAL INVESTIGATOR (PI)
Kamini
Dept. of Physics/Biophysics

AFFILIATING UNIVERSITY
Shri Mata Vaishno Devi University, School of Physics, SMVD University, Katra-182320, J&K-India

NAME OF TEACHERS, NAME OF AFFILIATING UNIVERSITY
Shri Mata Vaishno Devi University

TYPE OF INVESTIGATION
Aided/Private/Government/Self Financing/self other (Please Specify)

CATEGORIZATION (GEN/SCI/Minority/PH)
(Male/Female) Category: GENERAL

SUPERINTENDENCY TO BE INDICATED IN CASE OF

RECOMMENDATION OF THE EXPERTS:
Recommended

FINANCIAL ALLOCATION RECOMMENDED:

(Rs. 10,00,000)

IN IN WORDS
4,00,000/-

Funding

As per proposal

PAYING WINDOW:

(V)

TOTAL

Three years

3. Declaration certificate
4. Mandate form
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

SCT: Physics/Biophysics

Candidate ID: MRP-MAJOR-PHYS-2013-28024

<table>
<thead>
<tr>
<th>PROJECT</th>
<th>Patternning of micro and nano structures and their wetting studies</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAME OF PRINCIPAL INVESTIGATOR (P.I.)</td>
<td>V Madhurima Deptt. of Physics/Biophysics</td>
</tr>
<tr>
<td>College Teachers, name of affiliating University</td>
<td>Central University of Tamil Nadu, Central University of Tamil Nadu Thiruvananthapuram 695014</td>
</tr>
<tr>
<td>Name of College</td>
<td>Central University of Tamil Nadu</td>
</tr>
<tr>
<td>Category (GEN/SC/ST/Minority/PH)</td>
<td>Aided/Private/Government/Self Financing / any other (Please Specify)</td>
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<tr>
<td>(Male/Female) Category: GENERAL</td>
<td>Working/Retired</td>
</tr>
</tbody>
</table>

**RECOMMENDATION OF THE EXPERTS:**

1. Not assessed by Competent Expert Committee.
2. Could not defend very well.

**FINANCIAL ALLOCATION RECOMMENDED:**

<table>
<thead>
<tr>
<th>Type of Expenditure</th>
<th>(In figures)</th>
<th>(in words)</th>
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<tr>
<td>Recurring</td>
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<tr>
<td>Journals</td>
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<td>Travel</td>
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<td>Accommodation</td>
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<td>Project Office</td>
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<td>Staff Salary</td>
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<td>Project materials</td>
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<td>Equipment</td>
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<td>SRF/PhD Fellowship</td>
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<td>Reprint expenses</td>
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<tr>
<td>Total</td>
<td>Rs.</td>
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</tr>
</tbody>
</table>

**Recommended** Three years

**Signature of the Experts Committee Members:**

ASHOK KUMAR NAUSAH
B. Ph.D. ECE

Checklist for document: YES/NO

1. Declaration certificate: YES
2. Assessment certificate: YES
3. UGC certificate of 2/I & 12/I: YES
4. Vカテ form: YES

**Date:**
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

ANNUAL SHEET

Physics/Biophysics  Candidate ID  MRP-MAJOR-PHYS-2013-28534

PROJECT

Studies of magnetism in dilute magnetic semiconductors nano-system / Bio-magnetic system and their application in spintronics

Dr. Aloke Kumar Sarkar  Deptt. of Physics/Biophysics

PI

Biroy Krishna Girls College, Howrah, 5/3 M. G. Road, Howrah 711101, affiliated by University of Calcutta, Kolkata

Affiliation:

Bijoy Krishna Girls College under University of Calcutta, Kolkata

Category (GEN/SC/ST/Minority/PH)

(Male/Female)  Category: GENERAL

Career Status:

Working/Retired

RECOMMENDATION OF THE EXPERTS:

Not recommended. The allocation may be provided

1. Project is not well focused
2. Methodology not clear
3. Deliverables are not clear

FINANCIAL ALLOCATION RECOMMENDED.

(In figures)  (in words)

RESEARCH:

Rs.

Rs.

RESEARCHING:

Name of Key Teacher

Rs.

Professor/Any one of the following be provided:

- Fellow (Non-Gate Non NET) at Rs. 14,000/- p.m.
- Non-Fellow (Gate) with NET/IFP at Rs. 16,000/- p.m.

Rs.

Rs.

Services

Rs.

Rs.

Field Work

Rs.

Rs.

TOTAL

Rs.

Rs.

Three years

NATURE OF THE EXPERTS COMMITTEE MEMBERS

B. Pradeep

Checklist for document  YES/NO

S. N. Kumar

1. Declaration certificate  YES

S. Dutta

2. Assessment certificate  YES

3. GC certificate of 2013 & 12(b)  YES

4. Mandate Form  YES
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

SHEET

Candidate ID: MRP-MAJOR-PHYS-2013-29318

NATURE OF PROJECT
Enhanced performance sensitivity in quantum target detection, digital memory reading and estimation theory using entangled states

NAME OF PRINCIPAL INVESTIGATOR (P.I.)
Dr. A R Usha Devi
Dept. of Physics/Biophysics

NAME OF COLLEGE, NAME OF AFFILIATING UNIVERSITY
Bangalore University, Bangalore, Jnana Bharathi Campus, Bangalore University, Bangalore, 560 056

NAME OF COLLEGE, CATEGORY (GEN/SC/ST/Minority/PH)
Aided/Private/Government/Self Financing /any other (Please Specify)
(Male/Female) Category: GENERAL

NAME OF PRINCIPAL INVESTIGATOR
Working/Retired

RECOMMENDATION OF THE EXPERTS:
Recommended

FINANCIAL ALLOCATION RECOMMENDED
NON-RECURRING:
(In figures) (In words)

Journals
Rs. 50,000

Examination (Experienced Teacher)
Rs. 3,00,000

Travel (Any one of the following be provided)
Rs. 6,00,000

Seminaries (Nandini Non NET) or Rs. 16,000 p.m.
NIL

Travelling (Gate NET/GPAI) or Rs. 16,000 p.m.
NIL

TRAVEL
Rs. 75,000

SERVICES
Rs. NIL

FIELD WORK
Rs. 60,000

Others (except Travel, Field Work, Examinations)
NIL

TOTAL
Rs. 1,52,500

Period Recommended: Three years

SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS

Checklist for document YES/NO
1. Declaration certificate
2. Assessment certificate
3. UGC certificate of 2(f) & 12(b)
4. Others
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

PROJECT: Investigation of metallation process of Zn and AS with Metallothionein (MT): An Experimental and computational Approach

PRINCIPAL INVESTIGATOR (PI): MOHAN LAL GARG
Deptt. of Physics/Biophysics

Affiliation:
PANJAB UNIVERSITY, PANJAB UNIVERSITY, SECTOR-14, CHANDIGARH

College Teachers, name of affiliating University:
PANJAB UNIVERSITY

Category (GEN/SC/ST/Minority/PH): Aided/Private/Government/Self Financing/any other (Please Specify)
(Male/Female): Category: GENERAL
Principal Investigator:
Working/Retired

Superannuation to be indicated in case of:

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RECOMMENDATION OF THE EXPERTS:

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1. 
2. 
3. 

FINANCIAL ALLOCATION RECOMMENDED
ON RECURRING:

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<th>(In figures)</th>
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NON-RECURRING:

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<tr>
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TOTAL: Rs.

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Checklist for document

1. Declaration certificate
2. Assessment certificate
3. UGC certificate of 2(f) & 12(B)
4. Mandate form

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Nature of the Experts Committee Members:

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Candidate ID: MRP-MAJOR-PHYS-2013-29547

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**UNIVERSITY GRANTS COMMISSION**  
**MAJOR RESEARCH PROJECT SCHEME**

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**Candidate ID**  
MRP-MAJOR-PHYS-2013-30788

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<table>
<thead>
<tr>
<th>Name of Project</th>
<th>Effect of coherent radiation fields on the transparency of alkali atomic vapour medium</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name of Principal Investigator (P.I)</td>
<td>DR. AMITAVA BANDYOPADHYAY Deptt. of Physics/Biophysics</td>
</tr>
<tr>
<td>College Name</td>
<td>Visva-Bharati (A Central University), Santiniketan, PIN 731 235, West Bengal.</td>
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<tr>
<td>Category (GEN/SC/ST/Minority/PH)</td>
<td>Aided/Private/Government/Self Financing / any other (Please Specify)</td>
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<tr>
<td>Status of Investigator</td>
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**Recommended by**

**RECOMMENDATION OF THE EXPERTS**

- **Recommended**
- **Not recommended**
- **Not recommending the project**

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**FINANCIAL ALLOCATION RECOMMENDED**

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<th>(In words)</th>
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<td>NCR, Other</td>
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**Grant Recommended**

Three years

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**SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS**

---

**Checklist for document**

- Declaration certificate: **Yes**
- Assessment certificate: **Yes**
- UGC certificate of 201 & 12(B): **Yes**
- [Other]:
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

PROJECT: Investigation on the physical and electrical properties of tropical lightning and associated thunderstorm at low latitude

PRINCIPAL INVESTIGATOR (P.I.): Dr. Rima Bhattacharya
Dept. of Physics/Biophysics

College Teachers, name of affiliating University: University of Kalyani, University of Kalyani, Kalyani 741235

College: University of Kalyani

Category (GEN/SC/ST/Minority/PH): (Male/Female) Category: GENERAL

Duration: Working/Retired

RECOMMENDATION OF THE EXPERTS:

I. Little Physics in IRA Project
2. Research components working
3. Data analysis and Data Gathering is not well focussed under Proposal

FINANCIAL ALLOCATION RECOMMENDED

<table>
<thead>
<tr>
<th>Recurring:</th>
<th>(In figures)</th>
<th>(in words)</th>
</tr>
</thead>
</table>

- Equipment: Rs.
- Staff: Rs.
- Laboratory: Rs.
- Purchase of Computer: Rs.
- Subsidized: Rs.
- Additional Charges at Rs. 10% approved

TOTAL: Rs.

Project Recommended: Three years

SIGNATURE OF THE EXPERT COMMITTEE MEMBERS

Name in Block letters: 

Signature: 

Checklist for document: YES/NO

1. Declaration certificate: YES
2. Assessment certificate: YES
3. UGC certificate of 2(f) & 12(B): YES
4. Mandate form: YES
UNIVERSITY GRANTS COMMISSION  
MAJOR RESEARCH PROJECT SCHEME  

**APPLICATION SHEET**  

**Candidate ID:** MRP-MAJOR-PHYS-2013-31682  

**NAME OF PROJECT:** Development of potential N,N-dimethylamino-N'-methylisothiazolium 2,4,6 trimethylbenzene sulfonate (DSTMS) single crystals for third order NLO applications  

**NAME OF PRINCIPAL INVESTIGATOR (P.I.)** M. Jose  
**Dept. of Physics/Biophysics**  

**AFFILIATION**  
- Sacred Heart College(Autonomous), Sacred Heart College ( Autonomous) Tirupattur - 635 601 Vellore District Tamilnadu  
- Tiruvarur: University, Vellore, Tamilnadu  

**College Teachers, name of affiliating University**  
- Aided/Private/Government/Self Financing / any other (Please Specify)  
- (Male/Female) Category: OBC  
- Working/Retired  

**RECOMMENDATION OF THE EXPERTS:**  

- **Recommended:**  
- The allocation may be provided  
- **Not recommended:**  
- (for not recommending the project)  
- 1. No Physics  
- 2. Routine work  
- 3. No novelty  

**FINANCIAL ALLOCATION RECOMMENDED:**  

**RECURRING:**  

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**SOURCES TO BE RECORDED:**  

- Rs.  
- Rs.  
- Rs.  
- Rs.  
- Rs.  
- Rs.  
- Rs.  
- Rs.  

**TOTAL:** Rs.  

**Suggested Recommended:** Three years  

**SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS**  

<table>
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**Checklist for document:**  

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<tr>
<td>2. Assessment certificate</td>
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</tr>
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<td>3. UGC certificate of 2.1 &amp; 2.1B</td>
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</table>
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

FUNDATION SHEET

Project: Preparation and Characterization of Nano-composite Polymer Electrolyte Films For Device Applications

Principal Investigator (P.I): Prof. Prem Narain Gupta, Deptt. of Physics/Biophysics

Affiliation: Banaras Hindu University, Department Of Physics, Banaras Hindu University, Varanasi - 221005, Uttar Pradesh

College: Banaras Hindu University

Teaching Category (GEN/SC/ST/Minority/PH): (Male/Female) Category: GENERAL

Recommendation: Retired

RECOMMENDATION OF THE EXPERTS:

Recommended

FINANCIAL ALLOCATION RECOMMENDED:

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<tr>
<td>As per proposal</td>
<td>NIL</td>
<td>Nil</td>
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<tr>
<td>Total</td>
<td>9,33,800</td>
<td>Nine lakhs thirty three thousand eight hundred</td>
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Checklist for Document

1. Declaration certificate  ✔
2. Assessment certificate  ✔
3. UGC certificate of 2(i) & 12(b)  ✔

Duration: Three years
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

<table>
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<tr>
<th>PROJECT</th>
<th>Surface modification of metal oxide nano particles doped polymer film by a D.C glow discharge plasma</th>
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<tr>
<td>PRINCIPAL INVESTIGATOR (P.I.)</td>
<td>Dr.K.A.Vijayalakshmi Deptt. of Physics/Biophysics</td>
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<tr>
<td>College, name of affiliating University</td>
<td>Sri Vasavi College, Sri Vasavi College, Erode-638316, TamilNadu</td>
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<td>Aided/Private/Government/Self Financing / any other (Please Specify)</td>
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<tr>
<td>Principal Investigator</td>
<td>Working/Retired</td>
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<tr>
<td>Superannuation to be indicated in case of</td>
<td></td>
</tr>
<tr>
<td>investigator</td>
<td></td>
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</table>

RECOMMENDATION OF THE EXPERTS:

1. Routine work, no novelty.
2. Deliverables not clear.
3. Proposal not well focussed.

FINANCIAL ALLOCATION RECOMMENDED

<table>
<thead>
<tr>
<th>Recurring</th>
<th>(In figures)</th>
<th>(in words)</th>
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<td>Personnel</td>
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<td>Rs.</td>
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Duration recommended: Three years

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<th>Checklist for document YES/NO</th>
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<tbody>
<tr>
<td>C. Nirmal</td>
<td>1. Declaration certificate yes</td>
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<td></td>
<td>2. Assessment certificate yes</td>
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<td>3. UGC certificate of 2(f) &amp; 12(b) yes</td>
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<td>4. Mandate form yes</td>
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# UNIVERSITY GRANTS COMMISSION
## MAJOR RESEARCH PROJECT SCHEME

### GENDINATION SHEET

**DEPARTMENT** Physics/Biophysics

<table>
<thead>
<tr>
<th>Candidate ID</th>
<th>MRP-MAJOR-PHYS-2013-32056</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>PROJECT</th>
<th>Development of new cryptographic tools for cyber security</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRINCIPAL INVESTIGATOR (PI)</td>
<td>Ninan Sajeeth Philip</td>
</tr>
<tr>
<td>Dept. of Physics/Biophysics</td>
<td></td>
</tr>
<tr>
<td>College</td>
<td>St. Thomas College, St. Thomas College, Kozhencherry - 689641</td>
</tr>
<tr>
<td>Affiliation</td>
<td>Puthanamthitta Dist, Kerala State</td>
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<td>University</td>
<td>MG University, Kottayam</td>
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<td>Category</td>
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<td>Gender</td>
<td>(Male/Female) Category: GENERAL</td>
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<tr>
<td>Status</td>
<td>Working/Retired</td>
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</table>

### RECOMMENDATION OF THE EXPERTS:

- **Required**
  - For recommendation, the allocation may be provided
  - [ ]
  - [ ]

- **Complied**
  - [ ]
  - [ ]

1. No novelty in the proposal
2. Deliverables not clearly spelled out
3. Do methodology not clear

### FINANCIAL ALLOCATION RECOMMENDED:

#### IN RECURRING:

<table>
<thead>
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<th>(In figures)</th>
<th>(In words)</th>
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<tbody>
<tr>
<td>A. Journals</td>
<td>Rs.</td>
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<td>B. Training</td>
<td>Rs.</td>
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<td>C. Books &amp; Ref.</td>
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<tr>
<td>D. Personnel</td>
<td>Rs.</td>
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<tr>
<td>E. Fellowship (Non-Gate)</td>
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<tr>
<td>F. Fellowship (Gate)</td>
<td>Rs.</td>
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<tr>
<td>G. Other</td>
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<tr>
<td>H. Travel</td>
<td>Rs.</td>
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<tr>
<td>I. Equipment</td>
<td>Rs.</td>
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</table>

#### IN ONE-SHOT:

<table>
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<tr>
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<th>(In words)</th>
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<tbody>
<tr>
<td>I. Incentives</td>
<td>Rs.</td>
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<tr>
<td>J. Honours &amp; Other Benefits</td>
<td>Rs.</td>
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<tr>
<td>K. Other Charges</td>
<td>Rs.</td>
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</tbody>
</table>

**TOTAL:** Rs.

### RECOMMENDED:
Three years

### SIGNATURE OF THE EXPERT COMMITTEE MEMBERS

<table>
<thead>
<tr>
<th>Name</th>
<th>Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>G. N. Kumar</td>
<td>[Signature]</td>
</tr>
<tr>
<td>[Signature]</td>
<td>[Signature]</td>
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### Checklist for document

<table>
<thead>
<tr>
<th>YES/NO</th>
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<tbody>
<tr>
<td>1. Declaration certificate</td>
</tr>
<tr>
<td>2. Assessment certificate</td>
</tr>
<tr>
<td>3. UGC certificate of 2(f) &amp; 12(b)</td>
</tr>
<tr>
<td>4. Mentor form</td>
</tr>
</tbody>
</table>
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

DEPARTMENT SHEET

Candidate ID: MRP-MAJOR-PHY-2013-32371

PROJECT OF PHYSICS/Biophysics

OF PRINCIPAL INVESTIGATOR (P.I.)

Name: R. Kunal B. Modi
Department: Physics/Biophysics
Affiliation: SAURASHTRA UNIVERSITY

College: SAURASHTRA UNIVERSITY
Address: KALAWAD ROAD, RAJKOT - 360005

Category: Aided/Private/Government/Self Financing / any other (Please Specify)
(Male/Female) Category: GENERAL

Supernumerary to be indicated in case of

Investigator

RECOMMENDATION OF THE EXPERTS:

[Signature]

Unique and Innovative

FINANCIAL ALLOCATION RECOMMENDED.

Recurring:

(In figures)  | (in words)

Office Expenses | Rs. 30,000  | Thirty thousand

Recurrent:

Office to Rtd. Teacher | Rs.

Staff (Anyone of the following be provided)
- Fellow (Non-Gate Non NET) or Rs. 14,000/- p.m.
- UGC (Gate NET, GATE) or Rs. 16,000/- p.m.

Office Charges | Rs. 6 lac.

1. 00 lac.

Services

Rs. 90,000  | Nine thousand

Rs. 30,000  | Thirty thousand

Field Work

Rs. 1 lac.

TOTAL


Recommended: Three years

SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS

1. R. Kunal B. Modi
2. R. Kunal B. Modi
3. Sanjay Pant

Checklist for document

1. Declaration certificate
2. Assessment certificate
3. UGC certificate of 2013-12 (B)
4. No objection form
**UNIVERSITY GRANTS COMMISSION**  
**MAJOR RESEARCH PROJECT SCHEME**

**PROJECT**  
DEVELOPMENT OF NANO COPPER ZINC TIN SULFIDE (CZTS) THIN FILMS

**OF PRINCIPAL INVESTIGATOR (P.I.)**  
Dr. N. Nanda Kumar Reddy  
Deptt. of Physics/Biophysics

**College Teachers, name of affiliating University**  
JNTUA Ananthapur

**Category (GEN/SC/ST/Minority/PH)**  
Aided/Private/Government/Self Financing / any other (Please Specify)

**Principal Investigator**  
(Male/Female) Category: OBC  
Working/Retired

**RECOMMENDATION OF THE EXPERTS:**

- Not well defined.
- Could not satisfy queries.
- Not experienced in dealing such project.

**FINANCIAL ALLOCATION RECOMMENDED.**

**EXEMPLARY**  
(In figures) (in words)

<table>
<thead>
<tr>
<th>Item</th>
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<tr>
<td>Journals</td>
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<td>TOTAL</td>
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**Other Recommended:**  
Three years

**SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS**  
(Ashok Kumar Nageshwar)

**Checklist for document**  
1. Declaration certificate  
2. Assessment certificate  
3. UGC certificate of 2013 & 12(1)  

**YES/NO**  
YES

**Signature**
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

Page 73

CATION SHEET

Field: Physics/Biophysics

Candidate ID: MRP-MAJOR-PHYS-2013-32558

PROJECT
Evaluation of effects of low maternal intake of zinc on neurodevelopment in pups

PRINCIPAL INVESTIGATOR (P.I.)
Devinder Kumar Dhawan
Dept. of Physics/Biophysics

Name of College, name of affiliating University
PANJAB UNIVERSITY, CHANDIGARH, PANJAB UNIVERSITY, SECTOR-14, CHANDIGARH-160014, INDIA

College Teachers
PANJAB UNIVERSITY, CHANDIGARH

Category (GEN/SC/ST/Minority/PH)
(Male/Female) Category: GENERAL

Principal Investigator
Working Retired

Category to be indicated in case of leaving

Co-Investigator

RECOMMENDATION OF THE EXPERTS:

[Space for recommendation; The allocation may be provided]

FACULTY
1. 
2. 
3. 

FINANCIAL ALLOCATION RECOMMENDED.

NON-RECURRING: (In figures) (in words)

SALARIES
Rs.

SALARIES TO RECH. TEACHER
Rs.

OTHER PERSONNEL (Any one of the following be provided)
Rs.

Rs.

Field Work
Rs.

Miscellaneous Charges (Rs. 10/- approved)
Rs.

TOTAL
Rs.

NEED RECOMMENDED: Three years

SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS

Signature

Checklist for document

YES/NO

1. Declaration certificate
2. Assessment certificate
3. UGC Certificate of 201 & 12th
4. Statutory form
### UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

**DEPARTMENT:** Physics/Biophysics  
**Candidate ID:** MRP-MAJOR-PHY-2013-32718

**PROJECT:** CRYSTAL STRUCTURE OF ATP-BINDING SUBUNIT OF AN ABC TRANSPORTER

**Principal Investigator:** Lokanath N.K.  
**Dept. of:** Physics/Biophysics

**College:** Aided/Private/Government/Self Financing /any other (Please Specify)  
**Affiliating University:** Dos in Physics, University of Mysore

**Category (GEN/SC/ST/Minority/PH):** Working/Retired  
**Gender:** Male/Female  
**Category:** General

### RECOMMENDATION OF THE EXPERTS:

**Recommended:**
- For recommendation, the allocation may be provided.
- recommendation
- For not recommending the project:
  1. 
  2. 
  3.

### FINANCIAL ALLOCATION RECOMMENDED.

#### NON RECURRING:

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<td>Rs. 7,500</td>
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**Total Allocation:** Rs. 14,5000

**Project Recommended:** Three years

### SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS

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<tr>
<td>Prof. H.D. Channag</td>
<td>[Signature]</td>
</tr>
<tr>
<td>Dr. K. Dhananjay</td>
<td>[Signature]</td>
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**Checklist for document:**
- YES/NO
  1. Declaration certificate
  2. Assessment certificate
  3. UGC certificate of 20th & 12th
  4. Endorsement form
UNIVERSITY GRANTS COMMISSION  
MAJOR RESEARCH PROJECT SCHEME  

CANDIDATE SHEET  

candidate ID: MRP-MAJOR-PHYS-2013-32723

S.T.: Physics/Biophysics  

PROJECT: Studies exploring the anti-angiogenic and anti-metastatic potential of telomere during NDEA induced hepatocarcinogenesis in mice

OF PRINCIPAL INVESTIGATOR (P.I.)  

Ashwani Koul  
Dept. of Physics/Biophysics

ASS:  
Panjab University, Panjab University, Sec-14 Chandigarh-160014

College Teachers, name of affiliating University  
Panjab University

Sect of College: 
Aided/Private/Government/Self Financing / any other (Please Specify)  
(Male/Female) Category: GENERAL

Principal Investigator: Working/Retired

RECOMMENDATION OF THE EXPERTS:

Recommended

FINANCIAL ALLOCATION RECOMMENDED:

IN RECURRING: (In figures) (in words)

INVESTING: Rs. N1

Rs. N1

Salary of Retd. Teacher  
Rs. 6,000/- per month

Salary of Personnel (Anyone of the following be provided)  
Rs. 6,00,000/- per annum

Graduate (Non-Gate/Non NET) a Rs. 14,000/-p.m.
Net (Gate/NET/PGMAT) a Rs. 16,000/-p.m

Rs. 25,000/-

Rs. N1

Rs. 25,000/-

Rs. 1,25,000/-

TOTAL Rs. 1,47,500/-

Start Recommended: Three years

SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS  

1. Declaration certificate  
2. Assessment certificate  
3. UGC certificate of 2 (i) & 12 (ii)  
4. Mandate form

Name in Block letters:  
Signature: 

Full Name: D.K. DAWAN  
Signature: 

Full Name: H. KHANNA  
Signature: 

Full Name: ASHOK K. NAQVI  
Signature: 

Checklist for document: YES/NO

1. Declaration certificate  
2. Assessment certificate  
3. UGC certificate of 2 (i) & 12 (ii)  
4. Mandate form
### UNIVERSITY GRANTS COMMISSION
#### MAJOR RESEARCH PROJECT SCHEME

**NAME OF PROJECT:**
Study of Compton scattered photon at various angles for liquid and solid samples

**OF PRINCIPAL INVESTIGATOR (P.I):**
CHAUDHARI LAXMAN MAHADU Dept. of Physics/Biophysics

**College Teachers, name of affliating University:**
NOWROSJEE WADIA COLLEGE, PUNE-411 001, NOWROSJEE WADIA COLLEGE, PUNE-411 001 (MAHARASHTRA STATE)

**Institution:**
PUNE UNIVERSITY, PUNE

**Category (GEN/SC/ST/Minority/PH):**
(Male/Female) Category: OBC

**Superscription to be indicated in case of:**
Working/Retired

---

**RECOMMENDATION OF THE EXPERTS:**

- Objectives not clear
- No Inovation
- Presentation was confusing

---

**FINANCIAL ALLOCATION RECOMMENDED:**

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<tr>
<td>2.</td>
<td>Invest</td>
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**EXPERIMENTAL:***

- Personnels
- Material (as given in the following)
- Equipment
- Allowance, (if any)
- Subsidy
- Service
- Installation
- Field Work
- Other charges (As approved)

**TOTAL:** Rs.

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**Project Recommended:** Three years

---

**SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS):**

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Signature</th>
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<tr>
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<tr>
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<td>B S Borse</td>
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<td>3</td>
<td>K P A Chhatre</td>
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</table>

**Checklist for document:**

- Declaration certificate
- Assessment certificate
- UGC certificate of 2(f) & 12(b)
- Nil
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

APPLICATION SHEET

EFC: Physics/Biophysics

Candidate ID: MRP-MAJOR-PHY-2013-35168

NAME OF PROJECT:
"Studies on CdSe 0.61Te0.4 Thin Films by Holographic Interferometry and Electron Irradiation for Photoelectrochemical properties."

PRINCIPAL INVESTIGATOR (PI):
Dr. V. J. Fulhari
Deptt. of Physics/Biophysics

College, Teachers, name of affiliating University:
Shivaji University, Kolhapur-416 004, Vidyangar, Kolhapur-416 004

Name of College:
Shivaji University, Kolhapur-416 004

Category (GEN/SC/ST/Minority/PH)
(Male/Female) Category: OBC

Principal Investigator:
Working/Retired:

RECOMMENDATION OF THE EXPETS:

Signed,

Recommending the project:

1. 
2. 
3. 

FINANCIAL ALLOCATION RECOMMENDED.

IN RECURRING:

(In figures) (In words)
Journals Rs. 20,000 total twenty thousand
Rs. 8,50,000 eight lakh fifty thousand

NON-RECURRING:

Rs. —

PERSONNEL ( Mention the following be provided)
Rs. 1,00,000 one lakh
Rs. 1,20,000 one lakh twenty thousand

TOTAL
Rs. 12,32,000 twelve lakh thirty two thousand

Duration recommended: Three years

CHECKLIST FOR DOCUMENT

1. Declaration certificate
2. Assessment certificate
3. UGC certificate of 2(f) & 12(b)
4. Mandate form

Signature

Prof. C. D. Lele
Prof. R. P. Yadav
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME.

<table>
<thead>
<tr>
<th>Candidate ID</th>
<th>MRP-MAJOR-PHY-2013-35297</th>
</tr>
</thead>
</table>

**PROJECT**
Development of Surfactant Stabilized Transition Metals Doped Porous Copper Sulfide - Composite Materials for Energy Sources.

**PRINCIPAL INVESTIGATOR (P.I.)**
Dr. D. Geetha
Dept. of Physics/Biophysics

**Affiliation**
Department of Physics, Annamalai University, Annamalai Nagar, Chidambaram, Tamil Nadu, India.

**College**
Aided/Private/Government/Self Financing / any other (Please Specify)

**Category (GEN/SC/ST/Minority/PH)**
(Male/Female) Category: OBC

**Supplementary Information to be indicated in case of**
Working/Retired

**RECOMMENDATION OF THE EXPERTS:**
Recommended

**FINANCIAL ALLOCATION RECOMMENDED.**

<table>
<thead>
<tr>
<th>Item</th>
<th>Recurring</th>
<th>(In figures)</th>
<th>(In words)</th>
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</thead>
<tbody>
<tr>
<td>Items</td>
<td>Rs. 20,000</td>
<td>Twenty Thousand</td>
<td></td>
</tr>
<tr>
<td>Rs. 2,50,000</td>
<td>Two lakhs Fifty thousand</td>
<td></td>
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</table>

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<th>(In figures)</th>
<th>(In words)</th>
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<tr>
<td>Rs. NIL</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Rs. 6,00,000</td>
<td>Six lakhs</td>
<td></td>
<td></td>
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<tr>
<td>Rs. 2,00,000</td>
<td>Two lakhs</td>
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<td>Rs. 45,000</td>
<td>Seventy five thousand</td>
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</tbody>
</table>

**Services | Rs. NIL | |

**Field Work | Rs. 15,000 | Fifteen thousand |

**Total | Rs. 87,500 | |

**Recommended:** Three years

**SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS:**

<table>
<thead>
<tr>
<th>Name of the Expert</th>
<th>Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prof. C. D. Lee</td>
<td>[Signature]</td>
</tr>
<tr>
<td>Prof. R. R. Yadav</td>
<td>[Signature]</td>
</tr>
</tbody>
</table>

**Checklist for document:**

1. Declaration certificate [ ]
2. Assessment certificate [ ]
3. UGC certificate of PhD & 2B(3) [ ]
4. Mandate form [ ]
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

CCT: Physics/Biophysics
Candidate ID
MRP-MAJOR-PHYS-2013-35602

**OF PROJECT**
Investigations on Giant Magnetoresistance in Electrodeposited CoAg Nanogrannular Thin Films

**OF PRINCIPAL INVESTIGATOR (P.I)**
Dr. Prashant Bapusa Patil
Deptt. of Physics/Biophysics

**OF College Teachers, name of affliating University**
The New College, Kolhapur, The New College Kolhapur 416002 A Ward,
Shivaji University, Kolhapur

**of College**
Aided/Private/Government/Self Financing / any other (Please Specify)

**Principal Investigator**
(Male/Female) Category: GENERAL
Working/Retired

**RECOMMENDATION OF THE EXPETS:**
No recommendation. The allocation may be provided

1. Project proposal is not properly prepared.
2. Experimental methods are not properly discussed.
3. Presentation was poor.

**FINANCIAL ALLOCATION RECOMMENDED.**

<table>
<thead>
<tr>
<th>Item</th>
<th>(in figures)</th>
<th>(in words)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salaries</td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td>Stipend</td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td>Guest Teachers</td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td>Guest Personnel</td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td>Stipend (Non-Eng. Non-NET)</td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td>Stipend (Eng. NET/Ph.D)</td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td>Books</td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td>Services</td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td>Field Work</td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td>Additional charges (10% approved)</td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td>TOTAL</td>
<td>Rs.</td>
<td></td>
</tr>
</tbody>
</table>

**Period Recommended**: Three years

**SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS**

1. R. S. Tiwari
   Signature
2. B. S. Bapusa Patil
   Signature

<table>
<thead>
<tr>
<th>Checklist for document</th>
<th>YES/NO</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Declaration certificate</td>
<td></td>
</tr>
<tr>
<td>2. Assessment certificate</td>
<td></td>
</tr>
<tr>
<td>3. UGC certificate of 2(f) &amp; 2(f)</td>
<td></td>
</tr>
<tr>
<td>4. Mandate form</td>
<td></td>
</tr>
</tbody>
</table>
UNIVERSITY GRANTS COMMISSION  
MAJOR RESEARCH PROJECT SCHEME

OF PROJECT  
Precision Measurements of Internal Conversion Coefficients (ICCs) employing a Mini Orange Spectrometer for comparison with existing theories

OF PRINCIPAL INVESTIGATOR (P.I.)  
Dr. Deepa Seetharaman  
Dept. of Physics/Biophysics

SRI SARVAPRIYA SAI INSTITUTE OF HIGHER LEARNING, VIDYAGIRI, PRASANTHI NIKHYAM, ANANTAPUR DISTRICT, ANDHRA PRADESH - 515124.

College/University  
Sri Sathya Sai Institute of Higher Learning

Category (GEN/SC/ST/Minority/PH)  
(Male/Female)  
Category: GENERAL

Supernumerary to be indicated in case of  

RECOMMENDATION OF THE EXPETS:

☑ Recommended  
☑ Not recommending the project

☑ Recommendation, The allocation may be provided

FINANCIAL ALLOCATION RECOMMENDED:  (In figures)  (in words)

RECURRENT:

Departmental Facilities  
Rs. 5,00,000/-  5th thousand

Nal (Tal) Detector + UPS  
Rs. 5,00,000/-  5th Lac

NON RECURRENT:

Director, Teacher  
Rs. NIL

Salary, Fix (Any one of the following be provided)  
Rs. 8,00,000/-  8th Lac

Salary (Scale Nil/GPAI/A)  
Rs. 50,000/-  50 thousand

TOTAL  
Rs. 14,25,000/-  14.25 Lac

Three years

SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS

Name in Block letters  
A. S. R. AKRAM

Signature  

Checklist for document  
YES/NO

1. Declaration certificate  
YES

2. Assessment certificate  
YES

3. UGC certificate of 2(f) & 12(b)  
YES

4. YES

5. YES
**UNIVERSITY GRANTS COMMISSION**
**MAJOR RESEARCH PROJECT SCHEME**

<table>
<thead>
<tr>
<th>F. NAME OF PROJECT</th>
<th>Boundary Layer Characteristics over a Flat and Complex Terrain - Impact on Weather and Climate</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEPARTMENT/INSTITUTION</td>
<td>Dr. S. Victor Vedanayakam Deptt. of Physics/Biophysics</td>
</tr>
<tr>
<td>TEACHERS, NAME OF AFFILIATING UNIVERSITY</td>
<td>Madanapalle Institute of Technology and Science (MITS), Madanapalle Institute of Technology and Science (MITS) Post Box No: 14, Angello (V), Madanapalle - 517325 Chittoor districts, Andhra Pradesh, India.</td>
</tr>
<tr>
<td>CATEGORY (GEN/SC/ST/Minority/PH)</td>
<td>Aided/Private/Government/Self Financing / any other (Please Specify)</td>
</tr>
<tr>
<td>(MALE/FEMALE)</td>
<td>Working/Retired</td>
</tr>
</tbody>
</table>

**RECOMMENDATION OF THE EXPERTS:**

1. Project did not appear appealing
2. The P. I. did not have good reputation.
3. They are not ready to put their names.

**FINANCIAL ALLOCATION RECOMMENDED.**

<table>
<thead>
<tr>
<th>Non-Recurring</th>
<th>(In figures)</th>
<th>(In words)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Budgets</td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td>Post</td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td>Project Teacher</td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td>Personnel/anyone of the following be provided</td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td>Fellow Non-Net (or) Rs. 14,000/-p.m.</td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td>Fellow Long-Net (GPA) or Rs. 16,000/-p.m.</td>
<td>Rs.</td>
<td></td>
</tr>
</tbody>
</table>

| SERVICES       | Rs.          |
| Budget approved | Rs.          |
| TOTAL          | Rs.          |

**TOTAL**: Three years

**SIGNATURE OF THE EXPERT COMMITTEE MEMBERS**

<table>
<thead>
<tr>
<th>Name in Block letters</th>
<th>Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sankar Prasad Das</td>
<td>Signature</td>
</tr>
</tbody>
</table>

**Checklist for document**: Yes/No

1. Declaration certificate
2. Assessment certificate
3. GC certificate of 2013 & 2014
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

INDICATION SHEET

T: Physics/Biophysics

Candidate ID: MRP-MAJOR-PHYS-2013-36029

PROJECT

RADIATION INTERACTIONS AND X-RAY IMAGING PHYSICS

PRINCIPAL INVESTIGATOR (P.I.)

Dr B. VASUNDHARA Deptt. of Physics/Biophysics

Gandhi Institute of Technology, GITAM UNIVERSITY Rushikonda Visakhapatnam (Andhra Pradesh) 530045

College, Teachers, name of affiliating University

Gandhi Institute of Technology

Certiﬁcate (GNSC/ST/Minority/P.H)

M (Male/Female) Category: GENERAL

Working/Retired

RECOMMENDATION OF THE EXPERTS:

RECOMMENDED

FINANCIAL ALLOCATION RECOMMENDED.

<table>
<thead>
<tr>
<th>Item / Description</th>
<th>Rs. (In Figures)</th>
<th>(In Words)</th>
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<tbody>
<tr>
<td>Equipment</td>
<td>30,000/-</td>
<td></td>
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<tr>
<td>Salary of Field Leader</td>
<td>-</td>
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<tr>
<td>Rs. 9,000/- p.m.</td>
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<tr>
<td>Personal expenses (Any one of the following be provided)</td>
<td>3,84,000/-</td>
<td>3,84,000/-</td>
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<td>Rs. 30,000/- p.m.</td>
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<tr>
<td>Rs. 90,000/-</td>
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<td></td>
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<tr>
<td>Rs. 1,20,000/-</td>
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<tr>
<td>TOTAL</td>
<td></td>
<td></td>
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</tbody>
</table>

Grant Recommended: Three years

Signatures of the Experts Committee Members:

[Signatures]

Checklist for document:

1. Declaration certificate √
2. Assessment certificate √
3. UGC certificate of 20(1) & 12(3) √
4. Mandate form √
**UNIVERSITY GRANTS COMMISSION**
**MAJOR RESEARCH PROJECT SCHEME**

**PROJECT**: A Development Study on Synthesis of Nanosilica and Production of Blended Porcelain Electrical Insulator Using Sugarcane Industry Waste

**PRINCIPAL INVESTIGATOR (P.I.)**: Dr. G. SIVAKUMAR
**Dept. of Physics/Biophysics**

**College Teachers, name of affiliated University**: Annamalai University
**Affiliated University**: Annamalai University

<table>
<thead>
<tr>
<th>Category (GEN/SC/ST/Minority/PH)</th>
<th>(Male/Female)</th>
<th>Category: OBC</th>
<th>Working/Retired</th>
</tr>
</thead>
</table>

- **Superannuation to be indicated in case of Investigator**: 

**RECOMMENDATION OF THE EXPERTS**

1. Proposal not satisfactory
2. Outcome not clear
3. Presentation not clear

**FINANCIAL ALLOCATION RECOMMENDED**

<table>
<thead>
<tr>
<th>Description</th>
<th>(In figures)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recurring</td>
<td>Rs.</td>
</tr>
<tr>
<td>Non-Recurring</td>
<td>Rs.</td>
</tr>
</tbody>
</table>

**NON-RECURRING: (in words)**

1. Rs.
2. Rs.
3. Rs.
4. Rs.
5. Rs.
6. Rs.
7. Rs.
8. Rs.
9. Rs.
10. Rs.

**TOTAL**: Rs.

**RECOMMENDED PROJECT DURATION**: Three years

**SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS**

<table>
<thead>
<tr>
<th>Name in Block Letters</th>
<th>Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>K. T. R. REDDY</td>
<td></td>
</tr>
</tbody>
</table>

**Checklist for document**: VES/NO

1. Declaration certificate
2. Assessment certificate
3. UGC certificate of 2011 & 2012
GENDATION SHEET

PROJECT: Study on CNT/polymer nanocomposites for Hydrogen storage

PRINCIPAL INVESTIGATOR (P.I.): G. KRISHNA BAMA
Deptt. of Physics/Biophysics

AFFILIATING COLLEGE: SRI MEENAKSHI GOVT. COLLEGE FOR WOMEN, SRI MEENAKSHI GOVT. COLLEGE FOR WOMEN GORIPALAYAM MADURAL

College Teachers, name of affiliating University: Madurai kamaraj university

Category (GEN/SC/ST/Minority/PH): Aided/Private/Government/Self Financing / any other (Please Specify)
(Male/Female) Category: SC
Principal Investigator: Working/Retired

RECOMMENDATION OF THE EXPERTS:

1. Project did not appear appealing
2. The P.I. is not experienced enough to deliver
3. Preliminary research is not good

FINANCIAL ALLOCATION RECOMMENDED:

(Rs.)

1. Journals
2. Stipendiary Allowance to Resident Teacher
3. Principal Investigator (All the following be provided)
   a. Fellow (Non-Gate Non-M.T) @ Rs. 14,000/- p.m.
   b. Fellow (Gate >7.5) G.P.A. @ Rs. 16,000/- p.m.
4. Other
5. Field Work
6. Special Charges @ Rs. 10% approved
7. Other grand (except Field Work / Travel)

TOTAL

Project Recommended: Three years

SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS:

Sanjay Prasad Das
M. R. Anantharaman

Checklist for document

1. Declaration certificate: Yes
2. Assessment certificate: Yes
3. UGC certificate of 20th & 12th: Yes
4. Mandate form: Yes
UNIVERSITY GRANTS COMMISSION  
MAJOR RESEARCH PROJECT SCHEME  

OF PROJECT  
Theoretical investigations of hydrogen storage and electro-optical applications of interstellar carbon chains and fullerene cages.  

OF PRINCIPAL INVESTIGATOR (P.I.)  
SRIDHAR SAHU  
Dept. of Physics/Biophysics  

Institution:  
Indian School of Mines, Indian School of Mines, Dhanbad, Jharkhand, India PIN-826004  

College Teachers, name of affiliating University:  
Indian School of Mines  

College:  
Aided/Private/Government/Self Financing/any other (Please Specify)  
(Male/Female) Category: OBC  
Principal Investigator:  
Working/Retired  

Superannuation to be indicated in case of  
Co-Investigator:  

RECOMMENDATION OF THE EXPERTS:  
Recommended  

1.  
2.  
3.  

FINANCIAL ALLOCATION RECOMMENDED:  
(In figures)  
(in words)  

RECURRING:  
Rs. 20,000/-  
6 Lakh.  

NON-RECURRING:  
Rs. NIL  
Rs. 6 Lakh.  

ANNEXURES:  
Rs. 75,000/-  
Rs. 67,500/-  

TOTAL:  
Rs. 14,07,500/-  
Three years  

SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS:  

Name in Block letters  
Signature  

M. K. Aravindhan  
Sankar Prasad Das  

Checklist for document: YES/NO  
1. Declaration certificate  
2. Assessment certificate  
3. UGC certificate of 21(D) & 12(B)  
4. Maradate form
**UNIVERSITY GRANTS COMMISSION**
**MAJOR RESEARCH PROJECT SCHEME**

**FULL NAME** : Physics/Biophysics  
**Candidate ID** : MRP-MAJOR-PHYS-2013-36629

**PROJECT** : Thermoluminescence and Mechanoluminescence characteristics of europium and dysprosium activated synthetic minerals

**TRESPRINICAL INVESTIGATOR (PI)** : JAGJEEET KAUR SULAJA  
Dept. of Physics/Biophysics

**Affiliating University** : Govt. Vishwanath Yadav tamasket post graduate autonomous college, durg, department of physics. Govt. Vishwanath Yadav tamasket post graduate autonomous college, durg

**College Teachers' name of affiliating University** : Pt. Ravishankar Shukla University, Raipur

**Category (GEN/SC/ST/Minority/PH)** : Aided/Private/Government/Self Financing/any other (Please Specify)  
(Male/Female) Category: GENERAL

**Principal Investigator** : Working/Retired

**RECOMMENDATION OF THE EXPERTS**

- absent

**PROJECT**

<table>
<thead>
<tr>
<th>Recommendation</th>
<th>The allocation may be provided</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recommended</td>
<td></td>
</tr>
<tr>
<td>Not recommended</td>
<td>recommending the project</td>
</tr>
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**FINANCIAL ALLOCATION RECOMMENDED**

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount (in figures)</th>
<th>Amount (in words)</th>
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<tbody>
<tr>
<td>A. Journals</td>
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<tr>
<td>B. Recurring</td>
<td>(In figures)</td>
<td>(In words)</td>
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<tr>
<td>C. Non-Recurring</td>
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</tr>
<tr>
<td>D. Equipment</td>
<td>Rs.</td>
<td></td>
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<tr>
<td>E. Technician Personnel</td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td>F. Other Charges</td>
<td>Rs.</td>
<td></td>
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<tr>
<td>G. TOTAL</td>
<td>Rs.</td>
<td></td>
</tr>
</tbody>
</table>

**Project Recommended** : Three years

**SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS**

<table>
<thead>
<tr>
<th>Name</th>
<th>Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROF. K. T. R. REDDY</td>
<td>![Signature]</td>
</tr>
</tbody>
</table>
## UNIVERSITY GRANTS COMMISSION
### MAJOR RESEARCH PROJECT SCHEME

**FAMILY:** Physics/Biophysics

**Candidate ID:** MRP-MAJOR-PHY-2013-36676

### OF PROJECT
- Hartmann-Shack technique for measurement of higher order dynamic aberrations of eye over wide field of view

### OF PRINCIPAL INVESTIGATOR (P.I.)
- **Name:** A. K. Nirala
- **Department:** Dept. of Physics/Biophysics
- **Institution:**
  - Indian School of Mines, Dhanbad, Indian School of Mines Dhanbad-826004, Jharkhand.

### College Teachers, name of affiliating University
- Aided/Private/Government/Self Financing / any other (Please Specify)
- Indian School of Mines, Dhanbad

### of College
- Category (GEN/SC/ST/Minority/PH)
- Working/Retired

### RECOMMENDATION OF THE EXPERTS:

<table>
<thead>
<tr>
<th>Expert</th>
<th>Recommendation</th>
<th>Allocation provisional</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><em>RECOMMENDED</em></td>
<td></td>
</tr>
</tbody>
</table>

### FINANCIAL ALLOCATION RECOMMENDED:

#### (In figures)  (In words)
- Rs. 20,000
- Rs. 1,20,000

#### RECURRING:
- Rs.
- Rs.

#### Non-RECURRING:
- Rs. 90,000
- Rs. 60,000

#### TOTAL:
- Rs.

### THREE YEARS

### SIGNATURE OF THE EXPERT COMMITTEE MEMBERS

<table>
<thead>
<tr>
<th>Name in Block Letters</th>
<th>Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prof. K. K. Reddy</td>
<td></td>
</tr>
</tbody>
</table>

### Checklist for Document
- 1. Declaration certificate: **YES**
- 2. Assessment certificate: **YES**
- 3. GC Certificate of 2(i) & 2(ii): **NO**
**UNIVERSITY GRANTS COMMISSION**  
**MAJOR RESEARCH PROJECT SCHEME**

**COURSE:** Physics/Biophysics  
**Candidate ID:** MRP-MAJOR-PHYS-2013-36951

**PROJECT:** Electrical and Optical Studies of Nanocrystals

**PRINCIPAL INVESTIGATOR (P.I.):** SHAILAJA MAHAMUNI  
**Dept. of:** Physics/Biophysics

**College Teachers, name of affiliating University:**

**University of Pune, University of Pune, Ganeshkhind Road, Pune, Maharashtra 411007**

**Category (GEN/SC/ST/Minority/PH):** Aided/Private/Government/Self Financing / any other (Please Specify)(Male/Female) Category: OBC

**Principal Investigator:** Working/Retired

**Recommendation of the Experts:**

- not recommending the project

1. Assessment has not been done at Pune University

2. 

3. 

**FINANCIAL ALLOCATION RECOMMENDED.**

### RECURRING:

<table>
<thead>
<tr>
<th>Item</th>
<th>(In figures)</th>
<th>(In words)</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Advisers</em></td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td><em>ST.</em></td>
<td>Rs.</td>
<td></td>
</tr>
</tbody>
</table>

### NON-RECURRING:

<table>
<thead>
<tr>
<th>Item</th>
<th>(In figures)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Senior Researcher</td>
<td>Rs.</td>
</tr>
<tr>
<td><em>Aided/Self-Financed</em> Non-NE/FA</td>
<td>Rs.</td>
</tr>
<tr>
<td><em>Not Aided/Self-Financed</em> NE/FA</td>
<td>Rs.</td>
</tr>
<tr>
<td><em>Research Associate</em></td>
<td>Rs.</td>
</tr>
<tr>
<td><em>Senior Researcher</em></td>
<td>Rs.</td>
</tr>
<tr>
<td><em>Junior Researcher</em></td>
<td>Rs.</td>
</tr>
<tr>
<td><em>Other</em></td>
<td>Rs.</td>
</tr>
</tbody>
</table>

**TOTAL:** Rs.

- **Recommendation:** Three years

**SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS**

<table>
<thead>
<tr>
<th>Name</th>
<th>Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASHOK KUMAR NASAW</td>
<td></td>
</tr>
<tr>
<td>B. PRADIP</td>
<td></td>
</tr>
</tbody>
</table>
# UNIVERSITY GRANTS COMMISSION
## MAJOR RESEARCH PROJECT SCHEME

**FUNDING SHEET**

<table>
<thead>
<tr>
<th>Code</th>
<th>Subject</th>
<th>Candidate ID</th>
<th>MRP-MAJOR-PHYS-2013-37503</th>
</tr>
</thead>
</table>

### PROJECT
- **Title**: CLUSTER RADIOACTIVITIES LEADING TO SUPERDEFORMED MAGIC NUMBERED DAUGHTER NUCLEI

### PRINCIPAL INVESTIGATOR (P.I.)
- **Name**: Dr. G.M. Carmel Vigila Bai
- **Institute**: Dept. of Physics/Biophysics

### College Teachers, name of affiliating University
- **College**: RANI ANNA GOVERNMENT COLLEGE FOR WOMEN, Tirunelveli - 62
- **University**: Manonmaniam Sundaranar University

### Aided/Private/Government/Self Financing / any other (Please Specify)
- **Category**: (GN/SC/ST/Minority/PH)
- **Gender**
- **Category**: OBC

### No-Investigator
- **Superannuation to be indicated in case of**
- **No-Investigator**

### RECOMMENDATION OF THE EXPERTS:

1. Project did not appear appealing
2. The P.I. is not experiential enough
3. Publication is not impressive

### FINANCIAL ALLOCATION RECOMMENDED

<table>
<thead>
<tr>
<th>recurrence</th>
<th>(In figures)</th>
<th>(in words)</th>
</tr>
</thead>
<tbody>
<tr>
<td>materials</td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td>travel</td>
<td>Rs.</td>
<td></td>
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</tbody>
</table>

### CURRIBNG:

<table>
<thead>
<tr>
<th>Budgetary Estimates (in Rs. 000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Teacher</td>
</tr>
<tr>
<td>Research Personnel (Anyone of the following be provided)</td>
</tr>
<tr>
<td>Project Fellow (Non-Net)</td>
</tr>
<tr>
<td>Project Fellow (GATE/NET/Ph.D)</td>
</tr>
</tbody>
</table>

### Services
- Rs.

### Field Work
- Rs.

### Project Charges (Rs. HP approved)
- Rs.

### TOTAL
- Rs.

### Three years

### SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS

<table>
<thead>
<tr>
<th>Name in Block letters</th>
<th>Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>SANKAR PRASAD BAI</td>
<td>Sample</td>
</tr>
</tbody>
</table>

### Checklist for document

1. Declaration certificate [X] / [ ]
2. Assessment certificate [X] / [ ]
3. UGC certificate of 2(f) & 12(B) [X] / [ ]
UNIVERSITY GRANTS COMMISSION  
MAJOR RESEARCH PROJECT SCHEME

APPLICATION SHEET

FACULTY OF: Physics/Biophysics  
Candidate ID: MRP-MAJOR-PHYS-2013-37437

1. Project Title
   Role of Transition Metals in A3MNO6 Multiferroic for Enhanced Magnetolectric Coupling

2. PRINCIPAL INVESTIGATOR (P.I.)
   Anupinder Singh  
   Deptt. of Physics/Biophysics

3. College/Teaching Institute of the P.I.
   Guru Nanak Dev University, Amritsar, Guru Nanak Dev University, Amritsar, Punjab-143005

4. Affiliation of the College
   Aided/Private/Government/Self Financing/Any other (Please Specify)  
   Working/Retired

5. Category (GEN/SC/ST/Minority/PH)
   Male/Female  
   Category: GENERAL

6. Superannuation to be indicated in case of
   Investigator

RECOMMENDATION OF THE EXPERTS:

Signed:  
[Signature]

Recommending the project:

1. Project's proposal  
2. Innovation and novelty  
3. Proposed application not clear

FINANCIAL ALLOCATION RECOMMENDED:

NON RECURRING: 
(In figures)  
(In words)

- Materials
  Rs.

- Travel
  Rs.

- Other services
  Rs.

- Field Work
  Rs.

- Miscellaneous fees @ Rs. 10/- per approved item
  Rs.

TOTAL
  Rs.

Project Recommended: Three years

SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)

Name in block letters:  
K. T. R. Reddy  
Sunit Var

Signature:  
[Signature]  
[Signature]

Checklist for document  
YES/NO

1. Declaration certificate  
2. Assessment certificate  
3. UGC certificate of 2(1) & 12(B)  
4. Variable Form
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

APPLICATION SHEET

Candidate ID: MRP-MAJOR-PHYS-2013-38027

<table>
<thead>
<tr>
<th>Project</th>
<th>Synthesis of nanocomposite material for photocatalytic activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>PI</td>
<td>Dr. R. Purimaladevi</td>
</tr>
<tr>
<td>Dept.</td>
<td>Dept. of Physics/Biophysics</td>
</tr>
<tr>
<td>College</td>
<td>Mother Teresa Women's University, Mother Teresa Women's University</td>
</tr>
<tr>
<td>Affiliation</td>
<td>Kodaikanal 624 102</td>
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<tr>
<td>Gender</td>
<td>Male/Female</td>
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<tr>
<td>Category</td>
<td>GENERAL</td>
</tr>
<tr>
<td>PI's Occupation</td>
<td>Working/Retired</td>
</tr>
</tbody>
</table>

RECOMMENDATION OF THE EXPERTS:

1. Routinely Study
2. No novel outcome envisaged
3. Methodology not clear

FINANCIAL ALLOCATION RECOMMENDED:

<table>
<thead>
<tr>
<th>Item</th>
<th>Allocation (In figures)</th>
<th>Allocation (in words)</th>
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<tbody>
<tr>
<td>Journals</td>
<td></td>
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<tr>
<td>Lecturers / Research Stipends</td>
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<td>Field Work</td>
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<td>Other Charges</td>
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<td>TOTAL</td>
<td>Rs.</td>
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</table>

Duration Recommended: Three years

Signature of the Experts Committee Members:

Name in Block Letters: K. T. R. Reddy
Signature: K. T. R. Reddy

**INFORMATION SHEET**

**UNIVERSITY GRANTS COMMISSION**
**MAJOR RESEARCH PROJECT SCHEME**

**Field of Study:** Physics/Biophysics

**Candidate ID:** MRP-MAJOR-PHY-2013-38428

<table>
<thead>
<tr>
<th><strong>Type of Project</strong></th>
<th>Fe-BaTiO3 thin films: Linear, Nonlinear and Magneto-optical Characterisation</th>
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</thead>
</table>

**Name of Principal Investigator (PI):** P. Nandakumar

**Deptt. of Physics/Biophysics**

**Affiliation:** BITS Pilani, Birla Institute of Technology & Science, Pilani, Rajasthan, 333031, INDIA

**College Teachers, name of affiliating University:** BITS Pilani

**Category (GEN/SC/ST/Minority/PH):** Aided/Private/Government/Private/Financing/any other (Please Specify)

**Gender (Male/Female):** General

**Status of Principal Investigator:** Working/Retired

**Recommendation of the Experts:**

- Not Recommended

**Financial Allocation Recommended:**

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<th>Item/Description</th>
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<th>Amount (in words)</th>
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<td>Personnel (incl. Principal Investigator)</td>
<td></td>
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</tr>
<tr>
<td>Rs.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rs.</td>
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<td></td>
</tr>
<tr>
<td>Rs.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rs.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rs.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Duration:** Three years

**Signature of the Experts Committee Members:**

**Checklist for document:**

1. Declaration certificate - Yes
2. Assessment certificate - No
3. UGC certificate of 201 & 12(B) - Yes
4. Mandate form - Yes

**Signature:** M. R. Anantharaman

**Signature:** Sankar Prasad Das
**MAJOR RESEARCH PROJECT SCHEME**

**FUNDATION SHEET**

**Department:** Physics/Biophysics  
**Candidate ID:** MRP-MAJOR-PHYS-2013-38475

**PROJECT:** Design and Development of Optical storage device using fiber Bragg gratings (FBG)

**PRINCIPAL INVESTIGATOR (P.I.):** P. Saiid Reddy  
**Deptt. of Physics/Biophysics:**

**College Teachers, name of affiliating University:** National Institute of Technology Goa, Farmagudi, Ponda – 403401, Goa, India.

**Category (GEN/SC/ST/Minority/PH):** Aided/Private/Government/Self Financing/any other (Please Specify)

**(Male/Female) Category: GENERAL**

**Principal Investigator:** Working/Retired

**Specification to be indicated in case of:**

**RECOMMENDATION OF THE EXPERTS:**

- Proposal outcome not clear
- Too histrionic proposal
- Guesses not clarified properly

**FINANCIAL ALLOCATION RECOMMENDED:**

**PERCENTAGE OF TOTAL PROJECT COST:**

- Rs.

**PERCENTAGE OF TOTAL INTEREST CHARGES:**

- Rs.

**PERCENTAGE OF TOTAL OTHER EXPENSES:**

- Rs.

**PERCENTAGE OF TOTAL CHARGES OF RS. 10% approved:**

- Rs.

**TO BE SPENT (Except Field Work/Travel):**

- Rs.

**TOTAL:**

- Rs.

**Project Recommended:** Three years

**SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS:**

- K. R. Reddy

**Checklist for document:**

1. Declaration certificate  
2. Assessment certificate  
3. UGC certificate of 2(f) & 13(b)
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

OF PROJECT

"Study on the photophysical behavior of some organo-clay hybrid molecular assemblies organized in Layer-by-Layer Electrostatic Self-assembled films"

PRINCIPAL INVESTIGATOR (PI)

DR. PABITRA KUMAR PAUL  Deptt. of Physics/Biophysics

INSTITUTION

JADAVPUR UNIVERSITY, Jadavpur University, PO: Jadavpur, Kolkata-700032 West Bengal, Phone: 033-24138917

SIRS

Three Teachers, name of affiliating University

JADAVPUR UNIVERSITY

1. of College

Aided/Private/Government/Self Financing /any other (Please Specify)

2. of Principal Investigator

(Male/Female)  Category: SC  Working/Retired

3. Superannuation to be indicated in case of

Co-Investigator

RECOMMENDATION OF THE EXPERTS:

Approved

For recommendation, The allocation may be provided

Recommended

1. Proposal work plan not satisfactory
2. Presentation weak
3. Methodology not clear

FINANCIAL ALLOCATION RECOMMENDED:

NON-RECURRING: (In figures) (In words)

1. Books
2. Travel

RECURRING:

1. Personnel (No one of the following be provided)
   1. Fellow (Non-Gate No NET/V). Rs. 14,000/- p.m.
   2. Fellow (Gate NET/JRF) Rs. 16,000/- p.m.
2. Animal/Supplies
3. Field Work
4. Other Charges
5. TOTAL

Three years

SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS:

Name in Block letters

Prof. K. T. R. REDDY

Signature

Checklist for document

1. Declaration certificate
2. Assessment certificate
3. IUCC certificate of 2(1) & 12(1)

YES/NO
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

FOUNDATION SHEET

SCT: Physics/Biophysics

Candidate ID: MRP-MAJOR-PHY-2013-38720

Title of Project: Development of microwave dielectric resonator antenna from low loss dielectric materials

Name of Principal Investigator (P.I.): Dr. P. M. Sarun

Affiliation: Deptt. of Physics/Biophysics

Name of College: Indian School of Mines, Dhanbad. Indian School of Mines, Dhanbad - 826004, Jharkhand, INDIA.

Name of University: Indian School of Mines, Dhanbad.

Category (GEN/SC/ST/Minority/PH): Aided/Private/Government/Private Financing (Please Specify)

Category: OBC

Principal Investigator's Experiences: Working/Retired

RECOMMENDATION OF THE EXPERTS:

Not Recommended

Objectives are not clear.

No expertise in the area proposed.

No relevant publications by the PI in the proposed area.

FINANCIAL ALLOCATION RECOMMENDED:

(In figures) (in words)

- Journals Rs.
- Rs.

- Non-Recurring:
  - Salary to Retd. Teacher Rs.
  - Rs.
  - Other Personnel (Any one of the following be provided)
  - Rs.
  - Rs.
- Rs.
- Rs.
- Rs.
- Rs.
- Rs.
- Rs.

TOTAL Rs.

Projected Period: Three years

SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS:

M. R. Anantharam

Sanjiv Prasad

Checklist for document: YES/NO

1. Declaration certificate
2. Assessment certificate
3. UGC certificate of 20th & 12th
4. Mandate form
UNIVERSITY GRANTS COMMISSION  
MAJOR RESEARCH PROJECT SCHEME

SPECIALIZATION: Physics/Biophysics  
(Candidate No) MRP-MAJOR-PHY-2013-39693

PROJECT: Physics of Earthquakes and delineation of Himalayan Thrust Faults in Jammu and Kashmir

OF PRINCIPAL INVESTIGATOR (P.I):  
Sunil Kumar Wanchoo  
Dept. of Physics/Biophysics

INSTITUTION: Shri Mata Vaishno Devi University  
Shri Mata Vaishno Devi University, Sub Post office, Katra - 182320, Jammu and Kashmir

OF College Teachers, name of affiliating University:  
Aided/Private/Government/Self Financing / any other (Please Specify)

Category (GEN/SC/ST/Minority/PH): GENERAL

Working/Retired: Working

SUPERSANCTION TO BE INDICATED IN CASE OF:  

RECOMMENDATION OF THE EXPERTS:

Innovative with national and international collaboration

1. 
2. 
3. 

FINANCIAL ALLOCATION RECOMMENDED:

RECURRING: (In figures) (In words)

Non-recurrent Rs. 

Recruiting Rs. 3.00 Lacs

RECURRING:

Salary to Reid, Teacher Rs. 6.00 Lacs

Personnel (Amount of the following be provided)

Salary (Non-Govt. Non-NET) or Rs. 14,000 - p.m.

Fellow (Govt. NET/GATE) or Rs. 16,000 - p.m.

Rs. NIL

Travel Rs. 1.00 Lacs

Services Rs. 3.00 Lacs

Field Work Rs. 

Total Rs. 

Recommended: Three years

SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS:  

1. R. S. Tiwari  
2. B. S. Rajwoc  
3. Sanjay Pant

Checklist for document:  
1. Declaration certificate  
2. Assessment certificate  
3. UGC certificate of 2(f) & 12(b)  
4. Mandate form
PROJECT

OF PRINCIPAL INVESTIGATOR (P.I.)

DEPARTMENT

OF

Study of upper critical field in organic superconductors

Satyabrata Patnaik

Dept. of Physics/Biophysics

Jawaharlal Nehru University, Jawaharlal Nehru University, New Delhi 110067

College, name of affiliating University

Jawaharlal Nehru University

City of College

Category (GEN/SC/ST/Minority/PH)

Aided/Private/Government/Self Financing / any other (Please Specify)

(Male/Female) Category: GENERAL

Principal Investigator

Working/Retired

Superannuation to be indicated in case of

Investigator

RECOMMENDATION OF THE EXPERTS:

1. Assessment has not been done by JNU

2. 

3. 

FINANCIAL ALLOCATION RECOMMENDED:

1. Recurring:

(In figures)  

(in words)  

Rs.

Rs.

Rs.

Rs.

Rs.

Rs.

Rs.

Rs.

Rs.

Rs.

TOTAL

Rs.

Three years

Signature

A. Signature of the Experts Committee Members

Name in Block letters

Ashok K. Nagawat

B. Pradeep

Checklist for document

YES/NO

1. Declaration certificate

YES

2. Assessment certificate

NO

3. UGC Certificate of 2(f) & 12(b)

YES

4. Mandate form

YES
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

DEPARTMENT SHEET

PROJECT: Physics/Biophysics

Candidate ID: MRP-MAJOR-PHY-2013-40271

DEGREE PRINCIPAL INVESTIGATOR (P.I.)

Dr. P.S.V. Subba Rao  
Dept. of Physics/Biophysics

INSTITUTE

Andhra University, Department of Physics
Visakhapatnam 530003

College Teachers, name of affiliating University

Andhra University

College

Aided/Private/Government/Self Financing / any other (Please Specify)

Category (GEN/SC/ST/Minority/PH)

(Male/Female) Category: GENERAL

Principal Investigator

Working/Retired

Superannuation to be indicated in case of

Retired Investigator

RECOMMENDATION OF THE EXPERTS:

Recommendation. The allotment may be provided

Not recommended.

FINANCIAL ALLOCATION RECOMMENDED.

RECURRING: (In figures) (In words)

Honorarium
Rs.

Rs.

Non-Recruited Teacher
Rs.

Rs.

 anderen (Non-Recruited Non NEP) or Rs. 14,000 - p.m.
Rs.

Rs.

Fellow (Non-NEP) or Rs. 16,000 - p.m.
Rs.

Rs.

Fellow (NEP) or Rs. 16,000 - p.m.
Rs.

Rs.

Fellow (NEP) or Rs. 18,000 - p.m.
Rs.

Rs.

Field Work
Rs.

Rs.

Field Work or Rs. 10% approved
Rs.

Rs.

TOTAL
Rs.

YEARS

Three years

SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS:

Name in Block Letters: P.D. Lokapati

Signature:

Yes/No

Checklist for document

1. Declaration certificate

2. Assessment certificate

3. UGC certificate of 2(e) & 12(b)

4. Mandate Form
**UNIVERSITY GRANTS COMMISSION**  
**MAJOR RESEARCH PROJECT SCHEME**

**TITLE:** Physics/Biophysics  
**Candidate ID:** MRP-MAJOR-PHYS-2013-40848

### OVERVIEW OF PROJECT
- **Principal Investigator (PI):** D. Nataraj  
- **Department:** Dept. of Physics/Biophysics  
- **Affiliation:** Bharathiar University, Coimbatore - 641046, Tamil Nadu

### College Information
- **Name of College:** Bharathiar University
- **Type of College:** Aided/Private/Government/Self Financing / any other (Please Specify)
- **Category:** (Male/Female) Category: OBC
- **Age:** Working/Retired

### RECOMMENDATION OF THE EXPERTS:

1. **Professor's Signature:**
   - **Recommendation:** Already one major project in hand
   - **Recommendation:** Co-PI is not mentioned
   - **Recommendation:** Could not defend well

### FINANCIAL ALLOCATION RECOMMENDED:

<table>
<thead>
<tr>
<th>ITEM</th>
<th>RECURRING</th>
<th>(In figures)</th>
<th>(in words)</th>
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<tbody>
<tr>
<td>SUB JOURNALS</td>
<td>Rs.</td>
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<td>OTHER</td>
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<tr>
<td>TEACHING</td>
<td>Rs.</td>
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<tr>
<td>FIELD WORK</td>
<td>Rs.</td>
<td></td>
<td></td>
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<tr>
<td>PROJECT CHARGES as % approved</td>
<td>Rs.</td>
<td></td>
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<td>TOTAL</td>
<td>Rs.</td>
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</table>

### PERIOD OF PROJECT
- **Recommended Period:** Three years

### SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS

<table>
<thead>
<tr>
<th>Name</th>
<th>Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Signature]</td>
<td>[Signature]</td>
</tr>
</tbody>
</table>

### Checklist for Document
- **YES/NO**
  - 1. Declaration certificate: YES
  - 2. Assessment certificate: YES
  - 3. UGC certificate of 2(a) & 12(b) YES
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

FUNDATION SHEET

Category: Physics/Biophysics

<table>
<thead>
<tr>
<th>PROJECT</th>
<th>Nonlinear waves and instabilities at multiscales in plasmas</th>
</tr>
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<tbody>
<tr>
<td>PI</td>
<td>AMAR PRASAD MISRA Dept. of Physics/Biophysics</td>
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Visva-Bharati (A Central University), Santiniketan-731 335, Dist: Birbhum, West Bengal, India

Aided/Private/Government/Self Financing/any other (Please Specify)

Gender: Male/Female Category: GENERAL

Co-Investigator: Working/Retired

RECOMMENDATION OF THE EXPERTS:

Unique Project

FINANCIAL ALLOCATION Recommended.

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
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<td>Rs.</td>
<td>50,000=</td>
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</table>

TOTAL Rs.

Project Recommended: Three years

SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS

(1) R.S. Tiwari
(2) B S Bose
(3) Sanjay Pant

Checklist for document

1. Declaration certificate
2. Assessment certificate
3. UGC certificate of 21(B) & 12(B)
4. Mandate form
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

Name of Project: High spin Gamma Ray Spectroscopy in Rare Earth Doubly Odd Nuclei

Name of Principal Investigator (P.I): SUNIL KUMAR KATOCH

Dept. of Physics/Biophysics: SCVB Government College, SCVB Government College
Distr. Kangra 176061 (HP)

College Teachers, name of affiliating University: I.P. University

Category (GEN/SC/ST/Minority/PH): Aided/Private/Government/Self Financing/any other (Please Specify)

Principal Investigator: Male/Female

Category: GENERAL

Supernumerary to be indicated in case of: Working/Retired

RECOMMENDATION OF THE EXPERTS:

[Signature]

Recommendation. The allocation may be provided

Attended

[Signature]

Not attending the project

FINANCIAL ALLOCATION RECOMMENDED,

(In Figures) (In words)

- Research
- Equipment

- Travel to Relv. Teacher

- Nominal Personnel (Anyone of the following be provided)

- Field Work

- Travel (10% approved)

- TOTAL

Project Recommended: Three years

[Signature]

Checklist for document: YES/NO

1. Declaration certificate
2. Assessment certificate
3. UGC certificate of 2(f) & 12(b)
4. Standing form
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

PAGE 102

SADADATION SHEET

M.T.: Physics/Biophysics

Candidate ID: MRP-MAJOR-PHY-2013-43066

Title of Project: Synthesis and characterization of rare earth and transition metal doped perovskites for multiferroic applications

Principal Investigator (P.I.): Prof. D. Suresh Babu

Dept. of Physics/Biophysics: Osmania University, Osmania University, Hyderabad - 500 007

Category (GEN/SC/ST/Minority/PH): (Male/Female) Category: GENERAL

Supervision to be indicated in case of Investigator: Working/Retired

RECOMMENDATION OF THE EXPERTS:

Recommened: Yes

For recommendation, the allocation may be provided to the P.I.:

1. Large gap in the research work
2. The objective was not properly justified
3. The project was not innovative

FINANCIAL ALLOCATION RECOMMENDED:

For Recurring: (in figures) (in words)

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For Non-Recurring:

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SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS:

1. R.S. Tiwari
2. B.S. Bopuc
3. Sanjay Pant

Checklist for document

1. Declaration certificate
2. Assessment certificate
3. UGC certificate of 2013 & 2019
4. Mandate form

Project Recommended: Three years
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

APPLICATION SHEET

Candidate 10
MRP-MAJOR-PHYS-2013-44315

Field: Physics/Biophysics

PROJECT

Single photon sources for Quantum Information Processing

PRINCIPAL INVESTIGATOR (P.I.)
Radhika Vathsan
Dept. of Physics/Biophysics

Affiliation
Birla Institute of Technology & Science, Pilani, BITS Pilani
Goa Campus NH 17 B, Zuari Nagar Goa 403726

College Teachers, name of affiliating University
Birla Institute of Technology & Science, Pilani

Category (GEN/SC/ST/Minority/PH)
(Male/Female) Category: GENERAL

Principal Investigator
Working/Retired

RECOMMENDATION OF THE EXPETS:

Not recommended

1. Objectives are not clear
2. Budget is excessive
3. No consistent publications in field.

FINANCIAL ALLOCATION RECOMMENDED

RECURRING:

(In figures) (in words)

INCOME:
Rs.

SALES:
Rs.

SALARY:
Rs.

FREQUENCY:
Rs.

EMPHASURE OF THE EXPERT COMMITTEE MEMBERS:

Name in block letters

Signature

Checklist for document

1. Declaration certificate
2. Assessment certificate
3. UGC certificate of 2(B) & 12(B)
4. Manuscript form

Three years

YES/NO
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

APPLICATION SHEET

FIELD: Physics/Biophysics

Candidate ID: MRP-MAJOR-PHYS-2013-44370


ty of Project: Studies on Temperature Dependant Transport Properties Measurement of DC Magnetron Sputtered Metal Contacts to Crystalline Transition Metal Chalcogenide Semiconductors.

Principal Investigator (P.I.): K. D. Patel

Dept. of Physics/Biophysics: Department of Physics, Sardar Patel University, Vallabh Vidyanagar - 388 120, Department of Physics, Sardar Patel University, Vallabh Vidyanagar - 388 120 (Gujarat)

Name of Affiliated University: Department of Physics, Sardar Patel University, Vallabh Vidyanagar - 388 120

College Teachers: Aided/Private/Government/Self Financing / any other (Please Specify)

(Male/Female) Category: Working/Retired

Gender: GENERAL

RECOMMENDATION OF THE EXPERTS:

Not recommended. 1. Routine type of objectives.

2. Budget is not appropriate.

3. Project period is not justified.

FINANCIAL ALLOCATION RECOMMENDED:

(Details of desired and recommended allocation may be provided)


current:

Gross Salary (excluding overload and special duty allowance)

Rs.

Grants (Total)

Rs.

Fringe Benefits

Rs.

Grants (Total)

Rs.

TOTAL

Rs.

Nature of the Experts Committee Members: YES/NO

Signature: Checklist for document

1. Declaration certificate

2. Assessment certificate

3. 

DEPARTMENT OF PHYSICS

SARDAR PATEL UNIVERSITY

VALLABH VIDYANAGAR-388120

DATE: 10.04.2013

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