UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

RECOMMENDATION SHEET

PROJECT : Statistics

Candidate ID

MRP-MAJOR-STAT-2013-2741

NAME OF PROJECT

Some Studies on Data Driven Approaches and Optimization Techniques in Software Reliability Analysis

NAME OF PRINCIPAL INVESTIGATOR (P.I)

Dr. Subhashis Chatterjee
Deptt. of Statistics

ADDRESS

Indian School of Mines, Dhanbad, Indian School of Mines, Dhanbad
Jharkhand-826004, India

Name of College Teachers, name of affiliating University

Indian School of Mines, Dhanbad

Category of College

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

Gender (Male/Female)

Category: GENERAL

Type of Principal Investigator

Working/Retired

Name of Co-Investigator


RECOMMENDATION OF THE EXPERTS

1. Recommended

2. Not recommended

3. Recommended

FINANCIAL ALLOCATION RECOMMENDED

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

Books & Journals Rs. 1,50,000/- (One lakh fifty thousand only)
Equipment Rs. 1,50,000/- (One lakh fifty thousand only)

RECURRING:

- Assistant in Research/Teacher Rs. 18,000/- p.m.
- Research Personnel (Anyone of the following be provided)
  - Project Fellow (Non-Gate/Non NET) Rs. 14,000/- p.m.
  - Project Fellow (Gate/NET/GPAT) Rs. 16,000/- p.m.
- Fellowship
- Conferences
- Living Charges
- Travel Field Work
- Other overhead Charges @ 10% approved
- Total Recurring grant (Except Field Work/Travel)

TOTAL Rs. 1,88,15,600/- (One crore eighty eight lakh fifteen thousand six hundred only)

Project Recommended: Three years

CHECKLIST FOR DOCUMENT

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

Name in Block Letters

Kalyan Das
Kanchan Jain

Signature

[Signature]

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

**RECOMMENDATION SHEET**

<table>
<thead>
<tr>
<th>PROJECT</th>
<th>Statistics (Candidate ID)</th>
<th>MRP-MAJOR-STAT-2013-14256</th>
</tr>
</thead>
</table>

**NAME OF PROJECT**
Rates of caesarean deliveries in Kerala – Are they alarming and does it call for remedial action?

**NAME OF PRINCIPAL INVESTIGATOR (P.I.)**
Dr. Anil Chandran S.  
Dept. of Statistics

**ADDRESS**
University of Kerala, University of Kerala Senate House Campus Palayam Thiruvananthapuram PIN 695 034 Kerala

**Name of College Teachers, name of affiliating University**
University of Kerala

**Co-Principal Investigator**
Aided/Private/Government/Self Financing/any other (Please Specify)
(Male/Female)  
Category: GENERAL

**Rate of Superannuation to be indicated in case of (P.I.)**
Working/Retired

**Rate of Superannuation to be indicated in case of Co-Investigator**

---

**III. RECOMMENDATION OF THE EXPERTS:**

| 1. Weak proposal |
| 2. Weak presentation |
| 3. Lesser number of publications |

---

**III. FINANCIAL ALLOCATION RECOMMENDED:**

**NON RECURRING:**

<table>
<thead>
<tr>
<th>Item</th>
<th>Rs.</th>
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</thead>
<tbody>
<tr>
<td>A. Non-Journals</td>
<td></td>
</tr>
<tr>
<td>B. Equipment</td>
<td></td>
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</table>

**RECURRING:**

<table>
<thead>
<tr>
<th>Item</th>
<th>Rs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Consequent to Rtd. Teacher</td>
<td></td>
</tr>
<tr>
<td>B. Research Personnel</td>
<td></td>
</tr>
<tr>
<td>C. Lab. Personnel</td>
<td></td>
</tr>
<tr>
<td>D. Field Work</td>
<td></td>
</tr>
</tbody>
</table>

**A. Consequent to Rtd. Teacher**

<table>
<thead>
<tr>
<th>Item</th>
<th>Rs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Rs. 10,000/- p.m.</td>
<td></td>
</tr>
<tr>
<td>B. Rs. 12,000/- p.m.</td>
<td></td>
</tr>
<tr>
<td>C. Rs. 15,000/- p.m.</td>
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**B. Research Personnel**

<table>
<thead>
<tr>
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<th>Rs.</th>
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<tbody>
<tr>
<td>A. Rs. 14,000/- p.m.</td>
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</tr>
<tr>
<td>B. Rs. 16,000/- p.m.</td>
<td></td>
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</table>

**C. Lab. Personnel**

<table>
<thead>
<tr>
<th>Item</th>
<th>Rs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Rs. 10,000/- p.m.</td>
<td></td>
</tr>
<tr>
<td>B. Rs. 12,000/- p.m.</td>
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**D. Field Work**

<table>
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<tr>
<th>Item</th>
<th>Rs.</th>
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<td>A. Rs. 10% upon approved recurring grant (Except Field Work/Travel)</td>
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**TOTAL**

<table>
<thead>
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<th>Rs.</th>
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<tr>
<td>A.</td>
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<tr>
<td>B.</td>
<td></td>
</tr>
<tr>
<td>C.</td>
<td></td>
</tr>
<tr>
<td>D.</td>
<td></td>
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</table>

**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>KANCHAN JAIN</td>
<td></td>
</tr>
<tr>
<td>KALYAN DAS</td>
<td></td>
</tr>
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</table>

**Checklist for document:**

<table>
<thead>
<tr>
<th>YES/NO</th>
<th>1. Declaration certificate</th>
<th>2. Assessment certificate</th>
<th>3. UGC certificate of 21(1) &amp; 12(B)</th>
<th>4. Mandate form</th>
</tr>
</thead>
<tbody>
<tr>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
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## COMPLETE PROPOSAL

### Title of Project
Performance Analysis of Internet Routers Handling Self-Similar variable Packet Length Input Traffic using Markov Processes

### Name of Principal Investigator (P.I)
Dr. Mallikarjuna Reddy Doodipala, Dept. of Statistics

### Name of College Teachers, name of affiliating University
GITAM University, GITAM University, Visakhapatnam-530045, Andhra Pradesh, India

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

### Category of Principal Investigator
Working/Retired

### Recommendation of the Experts:

1. Not focussed
2. Poor deliberation
3. 

### Financial Allocation Recommended:

<table>
<thead>
<tr>
<th>Class of Grant</th>
<th>(In figures)</th>
<th>(in words)</th>
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<tbody>
<tr>
<td>Staff &amp; Journals</td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td>Equipment</td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td>Project:</td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td>Contingency</td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td>Travel Services</td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td>Research Charges or Rs. 10% approved</td>
<td>Rs.</td>
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<tr>
<td>TOTAL</td>
<td>Rs.</td>
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### Duration of Project Recommended
Three years

### Checklist for Document

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<td>✔</td>
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<td>2. Assessment certificate</td>
<td>✔</td>
</tr>
<tr>
<td>3. UGC certificate of 2(f) &amp; 12(b)</td>
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<tr>
<td>4. Mandate form</td>
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**UNIVERSITY GRANTS COMMISSION**
**MAJOR RESEARCH PROJECT SCHEME**

**Recommendation Sheet**

**Object**: Statistics

<table>
<thead>
<tr>
<th>Subject of Project</th>
<th>Geometric Stable Distributions and Their Applications</th>
</tr>
</thead>
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<tr>
<td><strong>Name of Principal Investigator (P.I)</strong></td>
<td>K. Jayakumar, Deptt. of Statistics</td>
</tr>
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</table>

**Address**

Department of Statistics, University of Calicut, DEPARTMENT OF STATISTICS, UNIVERSITY OF CALICUT, CALICUT UNIVERSITY P.O., KERALA- 673 635

**Category of College**

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

**Gender of College**

(Male/Female) Category: General

**Year and Category (GEN/SC/ST/Minority/PH)**

Working/Retired

**Name of Principal Investigator**

Name of College Teachers, name of affiliating University

**Name of Co-Investigator**

**Recommendation of the Experts**

1. Absent

**Financial Allocation Recommended**

<table>
<thead>
<tr>
<th>(In figures)</th>
<th>(In words)</th>
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<tr>
<td>Rs.</td>
<td>2.00</td>
</tr>
<tr>
<td>Rs.</td>
<td>3.00</td>
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**NON RECURRING**

- Books & Journals: Rs.
- Allowance: Rs.

**RECURRING**

- Allowance to Retd. Teacher: Rs.
- Research Personnel (Anyone of the following be provided):
  - Project Fellow (Non-Gate/Non NET) at Rs. 14,000/- p.m.: Rs.
  - Project Fellow (Gate/NET/GPA1) at Rs. 16,000/- p.m.: Rs.
- Chemical: Rs.
- Living: Rs.
- Travel Services: Rs.
- Field Work: Rs.

**Total**

Rs.

**Unit of Project Recommended**

Three years

**Checklist for document**

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

**APPLICATION SHEET**

**FACULTY: Statistics**

**Candidate ID:** MRP-MAJOR-STAT-2013-17894

<table>
<thead>
<tr>
<th>NAME OF PROJECT</th>
<th>Stability analysis of resin yield of natural regenerated Pinus roxburghii Sargent</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAME OF PRINCIPAL INVESTIGATOR (P.I.)</td>
<td>Dr. RK Gupta Deptt. of Statistics</td>
</tr>
<tr>
<td>ADDRESS</td>
<td>Dr. YS Parmar University of Horticulture &amp; Forestry, Nauni, Solan, Dr. YS Parmar University of Horticulture &amp; Forestry, Nauni, Solan</td>
</tr>
<tr>
<td>Role of College Teachers, name of affiliating University</td>
<td>Aided/Private/Government/Self Financing / any other (Please Specify)</td>
</tr>
<tr>
<td>Age of Investigator</td>
<td>Working/Retired</td>
</tr>
<tr>
<td>Category (GEN/SC/ST/Minority/PH)</td>
<td>Working/Retired</td>
</tr>
<tr>
<td>Date of Superannuation to be indicated in case of faculty</td>
<td></td>
</tr>
<tr>
<td>Date of Co-Investigator</td>
<td></td>
</tr>
</tbody>
</table>

**III. RECOMMENDATION OF THE EXPERTS:**

- **Recommended:**
  - Proposals for recommendation. The allocation may be provided
  - **Recommended:**
  - Reasons for not recommending the project

1. Proposal is weak
2. Presentation not satisfactory
3. 

**IV. FINANCIAL ALLOCATION RECOMMENDED:**

<table>
<thead>
<tr>
<th>NON RECURRING:</th>
<th>(In figures)</th>
<th>(in words)</th>
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</thead>
<tbody>
<tr>
<td>Journals &amp; Equipment</td>
<td>Rs.</td>
<td>Rs.</td>
</tr>
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</table>

**RECURRING:**

- Non-recurring to Retd. Teacher Rs. 18,000 /- p.m.
- Research Personnel (Any one of the following be provided)
  - Project Fellow (Non-Gate/Non NET) Rs. 14,000/- p.m.
  - Project Fellow (Gate/NET/GPAT) Rs. 16,000/- p.m.
- Contingency | Rs. |
- Hiring Services | Rs. |
- Travel/Field Work | Rs. |
- Other charges of Rs. 10% approved | Rs. |

**TOTAL** | Rs. |

**V. PROJECT Recommended:** Three years

**VI. NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS**

Name in Block letters | Signature
---|---
Kalyan Das | 
Kanchan Jain | 

**Checklist for document**

- 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**

**SUBJECT:** Statistics  
**Candidate ID:** MRP-MAJOR-STAT-2013-18711

<table>
<thead>
<tr>
<th>Field of Project</th>
<th>Statistical Analysis of Population Ageing In India</th>
</tr>
</thead>
</table>
| Name of Principal Investigator (P.I) | Dr. POPAT BALIKRAM BHARATE  
Deptt. of Statistics |
| Address | PRATAP COLLEGE AMALNER, PRATAP COLLEGE AMALNER  
DIST. JALGAON PIN-425401 |
| Category of College | Aided/Private/Government/Self Financing / any other (Please Specify) |
| Category (GEN/SC/ST/Minority/PH) | Working/Retired |
| Name of Principal Investigator | |
| Age of Superannuation to be indicated in case of retired | |
| Name of Co-Investigator | |

**RECOMMENDATION OF THE EXPERTS:**

*Recommended*
- Reasons for recommendation. The allocation may be provided (Part III).
- **RECOMMENDED**
- Reasons for not recommending the project

1. Weak Proposal.
2. Title of the project is too general.
3. Presentation not satisfactory.

**FINANCIAL ALLOCATION RECOMMENDED.**

<table>
<thead>
<tr>
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<th>(In figures)</th>
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<tbody>
<tr>
<td>Works &amp; Journals</td>
<td>Rs.</td>
</tr>
<tr>
<td>Equipment</td>
<td>Rs.</td>
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<tr>
<td>CONSUMABLES</td>
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<tr>
<td>Contingency</td>
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<td>Traveling Services</td>
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<tr>
<td>Field Work</td>
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<tr>
<td>Sub-Total</td>
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<tr>
<td>TOTAL</td>
<td>Rs.</td>
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**Project Type:** Three years

**Activate of Project Recommended:**

<table>
<thead>
<tr>
<th>Name in Block Letters</th>
<th>Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>KANCHAN JAIN</td>
<td>JAIN</td>
</tr>
<tr>
<td>KALYAN DAS</td>
<td>DAS</td>
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</table>

**Checklist for Document**

<table>
<thead>
<tr>
<th>Checklist for Document</th>
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</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; 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

RECOMMENDATION SHEET

PROJECT: Statistics

Candidate ID: MRP-MAJOR-STAT-2013-19168

<table>
<thead>
<tr>
<th>NAME OF PROJECT</th>
<th>On modelling extremes of random phenomena</th>
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</thead>
<tbody>
<tr>
<td>NAME OF PRINCIPAL INVESTIGATOR (P.I)</td>
<td>Sreenivasan Ravi Dept. of Statistics</td>
</tr>
<tr>
<td>ADDRESS</td>
<td>University of Mysore, Department of Studies in Statistics, University of Mysore, Manasagangotri, Mysore 570006</td>
</tr>
<tr>
<td>Role of College, name of affiliating University</td>
<td>University of Mysore</td>
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<tr>
<td>Category of College</td>
<td>Aided/Private/Government/Self Financing / any other (Please Specify)</td>
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<td>Sub Category (GEN/SC/ST/Minority/PH)</td>
<td>Working/Retired</td>
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<tr>
<td>Role of Principal Investigator</td>
<td></td>
</tr>
<tr>
<td>Role of Co-Investigator</td>
<td></td>
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<tr>
<td>RECOMMENDATION OF THE EXPERTS:</td>
<td></td>
</tr>
<tr>
<td>Recommended</td>
<td>1.</td>
</tr>
<tr>
<td>2.</td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td></td>
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<tr>
<td>III. FINANCIAL ALLOCATION RECOMMENDED.</td>
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</tr>
<tr>
<td>NON RECURRING:</td>
<td></td>
</tr>
<tr>
<td>Books &amp; Journals</td>
<td>Rs. 2,00,000/- (Two lakhs only)</td>
</tr>
<tr>
<td>Rs. 1,50,000/- (One lakh fifty thousand only)</td>
<td></td>
</tr>
<tr>
<td>RECURRING:</td>
<td></td>
</tr>
<tr>
<td>Equipment to Retd. Teacher</td>
<td>Rs. —</td>
</tr>
<tr>
<td>Research Personnel (Anyone of the following be provided)</td>
<td>Rs. 5,76,000/- (five lakhs seventy six thousand only)</td>
</tr>
<tr>
<td>Project Fellow (Non-Gate/Non NET) at Rs. 14,000/- p.m.</td>
<td></td>
</tr>
<tr>
<td>Project Fellow (Gate/NET/CPAT) at Rs. 16,000/- p.m.</td>
<td></td>
</tr>
<tr>
<td>Subvention</td>
<td>Rs. 1,50,000/- (One lakh fifty thousand only)</td>
</tr>
<tr>
<td>Entrepot Services</td>
<td>Rs. —</td>
</tr>
<tr>
<td>Field Field Work</td>
<td>Rs. 1,50,000/- (One lakh fifty thousand only)</td>
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<tr>
<td>Expenditure Charges at Rs. 10% approved from recurring grant (Except Field Work/Travel)</td>
<td>Rs. 72,600/ —</td>
</tr>
<tr>
<td>TOTAL</td>
<td>Rs. 12,98,600/ —</td>
</tr>
</tbody>
</table>

The Project Recommended: Three years

Checklist for document

1. Declaration certificate ✔
2. Assessment certificate ✔
3. UGC certificate of 21(I) & 12(B) ✔
4. Mandate form ✔

Name in Block letters: KANHAN JAIN & KALYAN DAS
Signature: KJ & KD

...
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

**PROJECT:** Statistics

---

**TITLE OF PROJECT:** Deforestation and its impact on ethno-medicinal practices of tribal people in Kokrajhar district of Assam

**NAME OF PRINCIPAL INVESTIGATOR (P.I.):** Dimacha Dwibrang Mwehahary  
Deptt. of Statistics

**ADDRESS:**  
Kokrajhar Govt. College, College Road, Kokrajhar-6 PO & Dist-Kokrajhar Assam, 783370

- College Teachers, name of affiliating University: Gauhati University
- Post/Category (GEN/SC/ST/Minority/PH): Aided/Private/Government/Self Financing / any other (Please Specify)
- 
  - (Male/Female) Category: ST
  - Working/Retired

**STATE OF SUPERANNUATION TO BE INDICATED IN CASE OF RETIRED:**

**STATE OF CO-INVESTIGATOR:**

---

**RECOMMENDATION OF THE EXPERTS:**

- **Recommended:**
  - Reasons for recommendation: The allocation may be provided (Limits-III).
- **ABSENT**

- **FACILITIES TO BE ALLOCATED:**

  **NON RECURRING:**
  - (In figures) (In words)
  - Rs.
  - Rs.
  - Rs.
  - Rs.

  **RECURRING:**
  - (In figures) (In words)
  - Rs.
  - Rs.
  - Rs.
  - Rs.
  - Rs.
  - Rs.
  - Rs.
  - Rs.

- **APPROVEDAMOUNT:**

- **TOTAL:**

- **PERIOD OF PROJECT:** Three years

---

**CHECKLIST FOR DOCUMENT:**

<table>
<thead>
<tr>
<th>Checklist for document</th>
<th>YES/NO</th>
</tr>
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<tbody>
<tr>
<td>1. Declaration certificate</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>
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<tr>
<td>4. Mandate form</td>
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### UNIVERSITY GRANTS COMMISSION
### MAJOR RESEARCH PROJECT SCHEME

#### AMENDMENT SHEET

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<tr>
<th>SUBJECT</th>
<th>Statistics</th>
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<table>
<thead>
<tr>
<th>NAME OF PROJECT</th>
<th>Bayesian Survival Models for Cancer Survival Prediction</th>
</tr>
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<tbody>
<tr>
<td>NAME OF PRINCIPAL INVESTIGATOR (P.I)</td>
<td>Dr. T. Jai Sankar</td>
</tr>
<tr>
<td>DEPT.</td>
<td>Dept. of Statistics</td>
</tr>
<tr>
<td>ADDRESS</td>
<td>Bharathidasan University, Bharathidasan University Palkalaiperur Tiruchirappalli - 620 024 Tamil Nadu, India.</td>
</tr>
<tr>
<td>NAME OF COLLEGE, TEACHERS, NAME OF AFFILIATING UNIVERSITY</td>
<td>Bharathidasan University</td>
</tr>
<tr>
<td>CATEGORY OF COLLEGE</td>
<td>Aided/Private/Government/Self Financing / any other (Please Specify)</td>
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<td>SEX AND CATEGORY (GEN/SC/ST/Minority/PH)</td>
<td>(Male/Female) Category: OBC</td>
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<tr>
<td>SIGNATURE OF PRINCIPAL INVESTIGATOR</td>
<td>Working/Retired</td>
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<tr>
<td>SIGNATURE OF CO-INVESTIGATOR</td>
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</table>

#### RECOMMENDATION OF THE EXPERTS:

<table>
<thead>
<tr>
<th>RECOMMENDED</th>
<th></th>
</tr>
</thead>
</table>

1. Proposal is very general.
2. Lack innovation.
3. |

#### FINANCIAL ALLOCATION RECOMMENDED:

<table>
<thead>
<tr>
<th>NON RECURRING:</th>
<th>(In figures)</th>
<th>(In words)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Books &amp; Journals</td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td>Equipment</td>
<td>Rs.</td>
<td></td>
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<table>
<thead>
<tr>
<th>RECURRING:</th>
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</thead>
<tbody>
<tr>
<td>Honorary to Full. Teacher</td>
<td>Rs. 18,000 - p.m.</td>
</tr>
<tr>
<td>Research Personnel (Any one of the following be provided)</td>
<td>Rs.</td>
</tr>
<tr>
<td>Project Fellow (Non-Gate/Non NET) or Rs. 14,000 - p.m.</td>
<td></td>
</tr>
<tr>
<td>Project Fellow (Gate/NET/CPAT) or Rs. 16,000 - p.m.</td>
<td></td>
</tr>
<tr>
<td>Chemical</td>
<td></td>
</tr>
<tr>
<td>Contingency</td>
<td>Rs.</td>
</tr>
<tr>
<td>Saving Services</td>
<td>Rs.</td>
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<tr>
<td>Field Field Work</td>
<td>Rs.</td>
</tr>
<tr>
<td>Overhead Charges @ Rs. 10% approved during grant (except Field Work, Travel)</td>
<td>Rs.</td>
</tr>
<tr>
<td>TOTAL</td>
<td>Rs.</td>
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</table>

Duration of Project Recommended: Three years

#### & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS:

<table>
<thead>
<tr>
<th>Name in Block letters</th>
<th>Signature</th>
</tr>
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<tbody>
<tr>
<td>KALYAN DAS</td>
<td>AK-DEE</td>
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<tr>
<td>KANCHAN JAIN</td>
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**IMENDATION SHEET**

**PROJECT:** Statistics  
**Candidate ID:** MRP-MAJOR-STAT-2013-21790

**I. OBJECT OF PROJECT**  

**II. NAME OF PRINCIPAL INVESTIGATOR (P.I)**  
Dr. B. Venkata Ramudu  
Deptt. of Statistics

**III. ADDRESS**  
SRI SAI BABA NATIONAL DEGREE COLLEGE (AUTONOMOUS), ANANTAPUR, OPP TO ZP OFFICE ANANTAPUR - 515 001 A.P., INDIA

**IV. ADDRESS of College Teachers, name of affiliating University**  
SRI KRISHNA DEVARAYA UNIVERSITY, ANANTAPUR

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

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

**VII. Date of Superannuation to be indicated in case of retired**  
Working/Retired

**VIII. NAME OF CO-INVESTIGATOR**

**RECOMMENDATION OF THE EXPERTS:**

- **Recommended**

- **Recommended**

- Reasons for not recommending the project:

1. Weak presentation  
2. Publications not of high quality  
3. Unsatisfactory response to queries

**III. FINANCIAL ALLOCATION RECOMMENDED.**

**NON RECURRING:**

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<tr>
<th>Item</th>
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<th>(in words)</th>
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<tr>
<td>Books &amp; Journals</td>
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<td>Rs.</td>
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**RECURRING:**

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<th>Item</th>
<th>(In figures)</th>
<th>(in words)</th>
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<tr>
<td>Honorarium to Retd. Teacher</td>
<td>Rs.</td>
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<tr>
<td>Research Personnel (Anyone of the following be provided) Project Fellow (Gate/NET/Non NET) at Rs. 14,000/- p.m.</td>
<td>Rs.</td>
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<td>Project Fellow (Gate/NET/GPAT) at Rs. 16,000/- p.m.</td>
<td>Rs.</td>
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<td>Medical</td>
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<td>Rs.</td>
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<td>Living Services</td>
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<td>Travel Field Work</td>
<td>Rs.</td>
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<td>Overhead Charges at Rs. 10% approved</td>
<td>Rs.</td>
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<td>TOTAL</td>
<td>Rs.</td>
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**Life of Project Recommended:** Three years

**CHECKLIST FOR DOCUMENT:**

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<tbody>
<tr>
<td>1. Declaration certificate</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>
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<tr>
<td>TABULATION SHEET</td>
<td></td>
</tr>
<tr>
<td>------------------</td>
<td></td>
</tr>
<tr>
<td><strong>PROJECT</strong></td>
<td>Statistics</td>
</tr>
<tr>
<td><strong>FREQUENCY OF PROJECT</strong></td>
<td>A Statistical Approach on the effects of noise on hearing loss to the workers of an open cast iron mining project: A case study</td>
</tr>
<tr>
<td><strong>NAME OF PRINCIPAL INVESTIGATOR (P.I.)</strong></td>
<td>PROF. SOMANATH BAGH Dept. of Statistics</td>
</tr>
<tr>
<td><strong>ADDRESS</strong></td>
<td>DEPARTMENT OF STATISTICS, Sambalpur University, Jyotivihar 768019</td>
</tr>
<tr>
<td><strong>Category of College Teachers, name of affiliating University</strong></td>
<td>DEPARTMENT OF STATISTICS</td>
</tr>
<tr>
<td><strong>Category of College</strong></td>
<td>Aided/Private/Government/Self Financing / any other (Please Specify)</td>
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<tr>
<td><strong>Sex and Category (GEN/SC/ST/Minority/PH)</strong></td>
<td>(Male/Female) Category: OBC</td>
</tr>
<tr>
<td><strong>Status of Principal Investigator</strong></td>
<td>Working/Retired</td>
</tr>
<tr>
<td><strong>Date of Superannuation to be indicated in case of retirement</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Date of Co-Investigator</strong></td>
<td></td>
</tr>
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</table>

**RECOMMENDATION OF THE EXPERTS:**

1. Weak proposal.
2. Weak presentation.
3. Publications not of high quality.

**FINANCIAL ALLOCATION RECOMMENDED: (In figures)**

<table>
<thead>
<tr>
<th>NON RECURRING</th>
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<tr>
<td><strong>Books &amp; Journals</strong></td>
<td>Rs.</td>
</tr>
<tr>
<td><strong>Equipment</strong></td>
<td>Rs.</td>
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</table>

<table>
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<th>RECURRING</th>
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</tr>
</thead>
<tbody>
<tr>
<td><strong>Monthly remuneration to Retd. Teacher</strong></td>
<td>Rs. 18,000 - p.m.</td>
</tr>
<tr>
<td><strong>Research Personnel (Anyone of the following be provided)</strong></td>
<td>Rs.</td>
</tr>
<tr>
<td><strong>Post-Doctoral Fellow (Non-Gate/Non NET)</strong></td>
<td>Rs. 14,000 - p.m.</td>
</tr>
<tr>
<td><strong>Project Fellow (Gate NET/GPAI)</strong></td>
<td>Rs. 16,000 - p.m.</td>
</tr>
<tr>
<td><strong>Contingency</strong></td>
<td>Rs.</td>
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<tr>
<td><strong>Travel &amp; Field Work</strong></td>
<td>Rs.</td>
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<tr>
<td><strong>Overhead Charges: 10% approved</strong></td>
<td>Rs.</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td>Rs.</td>
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**Duration of Project Recommended:** Three years

**NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)**

<table>
<thead>
<tr>
<th>Name in Block letters</th>
<th>Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>KANJAN JAIN</td>
<td>KALYAN DAS</td>
</tr>
</tbody>
</table>

**Checklist for document**

| YES/NO |
|--------|--------|
| 1. Declaration certificate | 
| 2. Assessment certificate | 
| 3. UGC certificate of 2(f) & 12(B) | 
| 4. Mandate form |
# Major Research Project Scheme

**Objective:** Statistics

<table>
<thead>
<tr>
<th>Candidate ID</th>
<th>MRP-MAJOR-STAT-2013-28775</th>
</tr>
</thead>
</table>

### Role of Project

#### Role of Principal Investigator (P.I)
OUTLIER DATA ANALYSIS AND VARIABLE SELECTION
- Dr. Ashok Vithoba Dorugade
- Deptt. of Statistics

#### Project Details
- Department of Statistics, Yashwantrao Chavan Mahavidyalaya, Halkarni, Tal - Chandgad, Dist - Kolhapur Maharashtra - 416552
- Tel : off (02320) 239076, 239070
- Fax: 02320239076

#### College Information
- Name of College Teachers, name of affiliating University:
- Shivaji University, Kolhapur (Maharashtra)

#### Category of College
- HELP COLLEGE, Aided/Private/Government/Self Financing / any other (Please Specify)
- (Male/Female) Category: GENERAL
- Working/Retired

#### Project Details
- Proposal too general
- Weak deliberations
-吸

### Financial Allocation Recommended

#### Non Recurring:
- Books & Journals
- Rs.
- Equipment
- Rs.

#### Recurring:
- Honorarium to Retd. Teacher
- Rs. 12,000/- p.m.
- Research Personnel (Any one of the following be provided)
- Rs. 12,000/- p.m.
- Project Fellow (Non-Gate/Non NET) at Rs. 14,000/- p.m.
- Project Fellow (Gate/NET/CPAT) at Rs. 16,000/- p.m.
- Chemical
- Rs.
- Contingency
- Rs.
- Legal Services
- Rs.
- Field Work
- Rs.
- Other Heads Charges at Rs. 10% approved recurring grant (Except Field Work/Travel)
- Rs.

#### TOTAL
- Rs.

### Period of Project Recommended
- Three years

### Checklist for Document
- Declaration certificate
- Assessment certificate
- Board of Regulation certificate of 2(3) & 12(3)
- Mandate form

---

**Name in Block Letters**
- Kanchan Jain
- Kalyan Das

**Signature**
- Jain
- Das
# UNIVERSITY GRANTS COMMISSION
## MAJOR RESEARCH PROJECT SCHEME
### RECOMMENDATION SHEET

**PROJECT:** Statistics  
**Candidate ID:** MRP-MAJOR-STAT-2013-31351

<table>
<thead>
<tr>
<th>CHECKLIST FOR DOCUMENT</th>
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<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>
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<tr>
<td>4. Mandate form</td>
<td>✓</td>
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</table>

<table>
<thead>
<tr>
<th>NAME OF PROJECT</th>
<th>Stochastic Models for Optimal Recruitment Policies in Manpower Planning</th>
</tr>
</thead>
</table>
| NAME OF PRINCIPAL INVESTIGATOR (P.I) | Prof. Dr. R. Elangovan  
Deptt. of Statistics |

| ADDRESS | Annamalai University, Annamalai University Annamalai Nagar - 608 002  
Tamilnadu, India |
<table>
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<td>NAME OF COLLEGE TEACHERS, NAME OF AFFILIATING UNIVERSITY</td>
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</tr>
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<td>Aided/Private/Government/Self Financing / any other (Please Specify)</td>
</tr>
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<td>CATEGORY (GEN/SC/ST/Minority/PH)</td>
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</tr>
<tr>
<td>NAME OF PRINCIPAL INVESTIGATOR</td>
<td>Working/Retired</td>
</tr>
<tr>
<td>SUPERANNUATION TO BE INDICATED IN CASE OF DEATH</td>
<td></td>
</tr>
<tr>
<td>NAME OF CO-INVESTIGATOR</td>
<td></td>
</tr>
</tbody>
</table>

**RECOMMENDATION OF THE EXPERTS:**

1. PROPOSAL NOT VERY INTERESTING;
2. PRESENTATION NOT UPTO MARK.
3. (Optional)

**FINANCIAL ALLOCATION RECOMMENDED:**

**NON RECURRING:**

- (In figures) (In words)
- Rs.

**RECURRING:**

- Rs.

<table>
<thead>
<tr>
<th>ITEMS &amp; JOURNALS</th>
<th>Rs.</th>
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<tr>
<td>RESEARCH PERSONNEL (Any one of the following be provided)</td>
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</tr>
<tr>
<td>Project Fellow (Non-Gate/Non NET) a Rs. 14,000/- p.m.</td>
<td></td>
</tr>
<tr>
<td>Project Fellow (Gate/NET/GPAT) a Rs. 16,000/- p.m.</td>
<td></td>
</tr>
<tr>
<td>Total</td>
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</tbody>
</table>

**OVERHEAD CHARGES:**

- Rs. 10% approved
- Rs. 10% approved (Except Field Work, Travel)
- TOTAL | Rs.

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<tr>
<th>DURATION OF THE PROJECT RECOMMENDED</th>
<th>Three years</th>
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</table>

**SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS**

<table>
<thead>
<tr>
<th>NAME</th>
<th>SIGNATURE</th>
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<tbody>
<tr>
<td>KAL-YAN DAS</td>
<td></td>
</tr>
<tr>
<td>KANCHAN JAIW</td>
<td></td>
</tr>
</tbody>
</table>

**RECOMMENDED**

- for recommendation. The allocation may be provided as per III.
- for not recommending the project.
**UNIVERSITY GRANTS COMMISSION\nMAJOR RESEARCH PROJECT SCHEME**

**AMENDATION SHEET**

**PROJECT :** Statistics

<table>
<thead>
<tr>
<th>APPROVED DATE</th>
<th>Candidate ID</th>
<th>MRP-MAJOR-STAT-2013-34558</th>
</tr>
</thead>
</table>

### I. NAME OF PROJECT

**DEVELOPMENT OF SOME NONPARAMETRIC QUALITY CONTROL CHARTS**

### II. NAME OF PRINCIPAL INVESTIGATOR (P.I.)

Dr. D. T. Shirke

**Deptt. of Statistics**

### III. ADDRESS

Shivaji University, Kolhapur, Maharashtra 416 004

### IV. NAME OF COLLEGE/TEACHER/NAME OF AFFILIATING UNIVERSITY

Shivaji University, Kolhapur

### V. CATEGORY OF COLLEGE AND CATEGORY (GEN/SC/ST/Minority/PH)

- **Gender of College:** Aided/Private/Government/Self Financing / any other (Please Specify)
- **Category of Principal Investigator:** (Male/Female) Category: OBC

### VI. RECOMMENDATION OF THE EXPERTS:

**Recommended**

**RECOMMENDATION IN DETAILED:**

1. 
2. 
3. 

### VII. FINANCIAL ALLOCATION RECOMMENDED:

<table>
<thead>
<tr>
<th>RECURRING:</th>
<th>NON RECURRING:</th>
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</thead>
<tbody>
<tr>
<td><strong>(In figures)</strong></td>
<td><strong>(In words)</strong></td>
</tr>
<tr>
<td>Rs. 576000/-</td>
<td>Five lac seventy six thousand only</td>
</tr>
<tr>
<td>Rs. 1,50,000/-</td>
<td>One lac fifty thousand only</td>
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</table>

**TOTAL:** Rs. 18,38,600/-

### VIII. PROJECT RECOMMENDED:

**Three years**

### IX. SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS

- **KANCHAN JAIN**
- **KALYAN DAS**

### Checklist for document

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

<table>
<thead>
<tr>
<th>Subject: Statistics</th>
<th>Candidate ID: MRP-MAJOR-STAT-2013-34818</th>
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<table>
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<tr>
<th>FTE of Project</th>
<th>Modern Robust Techniques in Regression</th>
</tr>
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<tbody>
<tr>
<td>Name of Principal Investigator (P.I.)</td>
<td>Dr. D. N. Kashid</td>
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<tr>
<td>Deptt.</td>
<td>Dept. of Statistics</td>
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<tr>
<td>Address</td>
<td>Shivaji University, Kolhapur, Shivaji University, Vidyanagar, Kolhapur, Maharashtra, 416004</td>
</tr>
<tr>
<td>Name of Co-Investigator</td>
<td>Working/Retired</td>
</tr>
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</table>

**II. RECOMMENDATION OF THE EXPERTS:**

1. Topic of project is too general;
2. Weak Proposal;
3. 

**III. FINANCIAL ALLOCATION RECOMMENDED:**

<table>
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<tr>
<th>Item</th>
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</table>

**III. RECOMMENDED:**

1. Topic of project is too general;
2. Weak Proposal;
3. 

**III. FINANCIAL ALLOCATION RECOMMENDED:**

<table>
<thead>
<tr>
<th>Item</th>
<th>Non Recurring</th>
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<td>Equipment</td>
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</table>

**IV. DURATION OF THE PROJECT:**

Three years

**Checklist for document:**

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

**RECOMMENDATION SHEET**  

**PROJECT** : Statistics

<table>
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<td><strong>CANDIDATE ID</strong></td>
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<tr>
<td><strong>NAME OF PROJECT</strong></td>
<td>An Empirical Investigation of Self employment and Entrepreneurial Opportunities for People in BPL: A Statistical Analysis of Socio Economic Study of Western Maharashtra</td>
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<td><strong>NAME OF PRINCIPAL INVESTIGATOR (P.I)</strong></td>
<td>Dr. K. M. Nalawade</td>
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<td><strong>DEPARTMENT</strong></td>
<td>Deptt. of Statistics</td>
</tr>
<tr>
<td><strong>ADDRESS</strong></td>
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**INDIA GRANTS COMMISSION**

**MAJOR RESEARCH PROJECT SCHEME**

**AMENDMENT SHEET**

<table>
<thead>
<tr>
<th>Candidate ID</th>
<th>MRP-MAJOR-STAT-2013-35861</th>
</tr>
</thead>
</table>

**SCHOOL**: Statistics

### TITLE OF PROJECT

**Empirical Study of Effectiveness of Pre-birth Education (Garbha sanskar) on Child Development by using Advanced Statistical Methods**

**NAME OF PRINCIPAL INVESTIGATOR (P.I)**

Amita Dharmadhikari

**Dept. of Statistics**

**AFFILIATING UNIVERSITY**

Modern College of Arts, Science and Commerce, Ganeshkhind, Pune-411016

**Category**

Pune University

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

Aided/Private/Government/Self Financing / any other

**Gender**

Male/Female

**Category**

GENERAL

### RECOMMENDATION OF THE EXPERTS:

- **Recommended**
- Recommendation: The allocation may be provided
- Reasons for not recommending the project:
  
1. 
2. 
3.

### FINANCIAL ALLOCATION RECOMMENDED:

#### NON-RECURRING:

<table>
<thead>
<tr>
<th>Item</th>
<th>Allocation (In figures)</th>
<th>Allocation (In words)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Books &amp; Journals</td>
<td>Rs. 1,00,000/-</td>
<td>(One lakh only)</td>
</tr>
<tr>
<td>Equipment</td>
<td>Rs. 2,00,000/-</td>
<td>(Two lakh only)</td>
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#### RECURRING:

<table>
<thead>
<tr>
<th>Item</th>
<th>Allocation (In figures)</th>
<th>Allocation (In words)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research Personnel (Anyone of the following be provided)</td>
<td>Rs. 5,76,000/-</td>
<td>(Five lakh seventy six thousand)</td>
</tr>
<tr>
<td>Project Fellow (Non-Gate/Non NET)</td>
<td>Rs. 50,000/-</td>
<td>(Fifty thousand only)</td>
</tr>
<tr>
<td>Project Fellow (Gate/NET/GPAT)</td>
<td>Rs. 1,00,000/-</td>
<td>(One lakh only)</td>
</tr>
<tr>
<td>Contingency</td>
<td>Rs. 50,000/-</td>
<td>(Fifty thousand only)</td>
</tr>
<tr>
<td>Medical/Field Work</td>
<td>Rs. 1,00,000/-</td>
<td>(One lakh only)</td>
</tr>
<tr>
<td>Travelling/Field Work</td>
<td>Rs. 5,00,000/-</td>
<td>(Five lakh only)</td>
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**TOTAL**

Rs. 18,58,600/-

**Financial Year**

Three years

### SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS:

<table>
<thead>
<tr>
<th>Name in Block letters</th>
<th>Signature</th>
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<tbody>
<tr>
<td>Kalyan Das</td>
<td></td>
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<tr>
<td>Kanchn Jain</td>
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</tbody>
</table>

### Checklist for document:

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

<table>
<thead>
<tr>
<th>PROJECT</th>
<th>Statistics</th>
</tr>
</thead>
</table>

**TITLE OF PROJECT:** A STUDY ON WASTAGE OF MANPOWER IN MEGHALAYA.

**NAME OF PRINCIPAL INVESTIGATOR (P.I):** BHUWANESHWAR KUMAR

**DEPT. OF:** Dept. of Statistics

**ADDRESS:** North Eastern Hill University, Department of Statistics, NEHU Permanent Campus, North Eastern Hill University, Mawkynroh Umshing, Shillong-793022.

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

**Gender:** Male

**Category:** GENERAL

**Working/Retired:** Working

**RECOMMENDATION OF THE EXPERTS:**

| 1. | A B S E N T |

**FINANCIAL ALLOCATION RECOMMENDED:**

<table>
<thead>
<tr>
<th>Non-Recurring</th>
<th>(In figures)</th>
<th>(In words)</th>
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<tbody>
<tr>
<td>Books &amp; Journals</td>
<td>Rs.</td>
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<tr>
<td>Professor/Teacher</td>
<td>Rs.</td>
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<tr>
<td>Research Personnel (Anyone of the following be provided)</td>
<td>Rs.</td>
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<tr>
<td>3. Project Fellow (Non-Gate/Non-NET)</td>
<td>Rs.</td>
<td>14,000/- p.m.</td>
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<tr>
<td>Project Fellow (Gate-NET/GPAT)</td>
<td>Rs.</td>
<td>16,000/- p.m.</td>
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<td>Technical</td>
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<td>Contingencies</td>
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<td>Living Services</td>
<td>Rs.</td>
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<td>Field Work</td>
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<td>Overseas Visit</td>
<td>Rs.</td>
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<td>Overhead Charges: a. Rs. 10% approved /b. Grant (Except Field Work /Travel)</td>
<td>Rs.</td>
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<td>TOTAL</td>
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**RECOMMENDED: Three years**

**Checklist for document:**

<table>
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<th>YES/NO</th>
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<td>3. UGC certificate of 2(1) &amp; 12(B)</td>
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<td>4. Mandate form</td>
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UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

AMENDMENT SHEET

PROJECT: Statistics

Candidate ID: MRP-MAJOR-STAT-2013-36328

1. NAME OF PROJECT
   ASSESSMENT OF STATUS AND POTENTIAL OF SIX SIGMA IMPLEMENTATION IN INDIAN SERVICE INDUSTRY

2. NAME OF PRINCIPAL INVESTIGATOR (P.I)
   Dr. Anuradha R Chetiya
   Deptt. of Statistics

3. ADDRESS
   Ramjas College, Ramjas College, University Enclave, University of Delhi, Delhi 110007

4. Name of College Teachers, name of affiliating University
   University of Delhi

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

6. Date of Superannuation to be indicated in case of Retired
   Working/Retired

7. NAME OF THE EXPERTS:
   Recommended

   Reasons for not recommending the project:
   1.
   2.
   3.

8. III. FINANCIAL ALLOCATION RECOMMENDED.
   (In figures) (In words)
   Non Recurring: Rs. 1,80,000/- (One lakh only)
   Recurring: Rs. 5,76,000/- (Five lakh seventy six thousand only)
   Equipment
   Rs.
   Rs. 90,000/- (Ninety thousand only)
   Rs. 1,50,000/- (One lakh fifty thousand only)
   Rs. 6,600/-
   TOTAL Rs. 9,08,600/-

9. Project Recommended: Three years

10. Checklist for document
    YES/NO
   Declaration certificate
   Assessment certificate
   UGC certificate of 21(F) & 12(B)
   Mandate form

Name in Block letters: Kalyan Das
Signature: [Signature]

Name in Block letters: Kanchan Jain
Signature: [Signature]
UNIVERSITY GRANTS COMMISSION  
MAJOR RESEARCH PROJECT SCHEME

### Part I  
**NAME OF PROJECT** 
Estimation of Parameters in the Presence of Outliers  
**NAME OF PRINCIPAL INVESTIGATOR (P.I)**  
Prof. K. Sentharam Kanan  
Deptt. of Statistics  
**ADDRESS**  
Manonmaniam Sundaranar University, Manonmaniam Sundaranar University, Tirunelveli -627 012 Tamil Nadu.  
**Name of College Teachers, name of affiliating University**  
Manonmaniam Sundaranar University  
**Category of College**  
Aided/Private/Government/Self Financing / any other (Please Specify)  
**Sex and Category (GEN/SC/ST/Minority/PH)**  
(Male/Female) Category: OBC  
**Status of Principal Investigator**  
Working/Retired  
**Name of Co-Investigator**  

### Part II  
**RECOMMENDATION OF THE EXPERTS:**  

- Proposal too general,  
- Unsatisfactory presentation,  
- Work plan is not satisfactory

### Part III  
**FINANCIAL ALLOCATION RECOMMENDED:**  
**NON RECURRING:**  
- Books & Journals: Rs.  
- Equipment: Rs.  
- **RECURRING:**  
- Stipend to Retd. Teacher: Rs. 18,000/- p.m.  
- Research Personnel (Any one of the following be provided):  
  - Project Fellow (Non-Gate/Non NET) a Rs. 14,000/- p.m.,  
  - Project Fellow (Gate NET/GPAI) a Rs. 16,000/- p.m.  
- **Contingency:**  
- **Traveling Services:**  
- **Travel Field Work:**  
- **Overhead Charges at Rs. 10% approved:**  
  - Operating grant (Except Field Work/Travel): Rs.  
  - TOTAL: Rs.  

**Name of Project Recommended:** Three years

### Checklist for Document  

- Declaration certificate: ✔️  
- Assessment certificate: ✔️  
- UGC certificate of 2(f) & 12(B): ✔️  
- Mandate Form: ✔️
## UNIVERSTY GRANTS COMMISSION
### MAJOR RESEARCH PROJECT SCHEME

#### AMENDMENT SHEET

**OBJECT** : Statistics  
**Candidate ID** : MRP-MAJOR-STAT-2013-36454

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<th>FIELD</th>
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<tr>
<td>NAME OF PROJECT</td>
<td>Some Contributions to Concomitants of Order Statistics</td>
</tr>
<tr>
<td>NAME OF PRINCIPAL INVESTIGATOR (P.I)</td>
<td>Dr. JOHNY SCARIA</td>
</tr>
<tr>
<td>Deptt. of Statistics</td>
<td></td>
</tr>
<tr>
<td>ADDRESS</td>
<td>Nirmala College, Muvattupuzha, Department of Statistics, Nirmala College, Muvattupuzha, Kerala-686661</td>
</tr>
<tr>
<td>NAME OF COLLEGE</td>
<td>Mahatma Gandhi University, Kottayam</td>
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<td>CATEGORY OF COLLEGE</td>
<td>Aided/Private/Government/Self Financing / any other (Please Specify)</td>
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<td>(GEN/SC/ST/Minority/PH)</td>
<td>(Male/Female) Category: GENERAL</td>
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<td>STATUS OF PRINCIPAL INVESTIGATOR</td>
<td>Working/Retired</td>
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<td>DATE OF SUPERANNUATION TO BE INDICATED IN CASE OF DEATH</td>
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<tr>
<td>NAME OF CO-INVESTIGATOR</td>
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### II. RECOMMENDATION OF THE EXPERTS:

- **Recommended**
  - Arguments for recommendation. The allocation may be provided
- **Recommended**
  - Arguments for not recommending the project

1. Weak presentation
2. Proposal strengths missing
3. Applications of proposal not satisfactory

---

### III. FINANCIAL ALLOCATION RECOMMENDED.

**NON RECURRING:**

- Books & Journals
  - Rs.
- Equipment
  - Rs.

**RECURRING:**

- Laboratory & Field Trip
  - Rs. 16,000/- p.m.
- Research Personnel (Any one of the following be provided)
  - Project Fellow (Gate/GATE) or Rs. 14,000/- p.m.
  - Rs. 16,000/- p.m.
- Chemical
  - Rs.
- Contingency
  - Rs.
- Expert Services
  - Rs.
- Field/Field Work
  - Rs.
- Overhead Charges or Rs. 10% approved
- Granting grant (except Field Work/Travel)
  - Rs.

**TOTAL**

Rs.

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**DURATION OF PROJECT RECOMMENDED** : Three years

---

### Checklist for document

- 1. Declaration certificate
- 2. Assessment certificate
- 3. UGC certificate of 21(A) & 12(B)
- 4. Mandate form
**AMENDMENT SHEET**

**SUBJECT**: Statistics  
**Candidate ID**: MRP-MAJOR-STAT-2013-37609

<table>
<thead>
<tr>
<th>NAME OF PROJECT</th>
<th>Detection of Outliers in Contingency Tables</th>
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</table>
| NAME OF PRINCIPAL INVESTIGATOR (P.I) | M.R. SRINIVASAN  
**Dept. of Statistics** |

**ADDRESS**
- University of Madras, Department of Statistics
- University of Madras Chepauk, Chennai - 600 005

**Category**
- Affiliation: University of Madras
- Type of College: Aided/Private/Government/Self Financing
- Category: GENERAL

**Date of Superannuation to be indicated in case of retired**

<table>
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<th>RECOMMENDATION OF THE EXPERTS:</th>
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<tbody>
<tr>
<td>Recommended</td>
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<tr>
<td>Reasons for recommendation. The allocation may be provided</td>
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<td>Part-III</td>
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<td>Reasons for not recommending the project.</td>
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<th>III. FINANCIAL ALLOCATION RECOMMENDED.</th>
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<td>NON RECURRING:</td>
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<td>(In figures) (In words)</td>
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<td>Rs. 1,50,000/- (one lakh fifty thousand only)</td>
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<tr>
<th>RECURRING:</th>
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</thead>
<tbody>
<tr>
<td>Rs. 1,50,000/- (one lakh fifty thousand only)</td>
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<table>
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<tr>
<th>TOTAL</th>
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<tr>
<td>Rs. 1,33,600/-</td>
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<table>
<thead>
<tr>
<th>Project Recommended:</th>
</tr>
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<tbody>
<tr>
<td>Three years</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name in Block letters</td>
</tr>
<tr>
<td>KALYAN DAS</td>
</tr>
<tr>
<td>KANCHAN JAIN</td>
</tr>
</tbody>
</table>

<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 21 &amp; 12(B)</td>
<td>✔</td>
</tr>
<tr>
<td>4. Mandate form</td>
<td>✔</td>
</tr>
</tbody>
</table>
# UNIVERSITY GRANTS COMMISSION
## MAJOR RESEARCH PROJECT SCHEME

### RECOMMENDATION SHEET

<table>
<thead>
<tr>
<th>OBJECT</th>
<th>Statistics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Candidate ID</td>
<td>MRP-MAJOR-STAT-2013-39768</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NAME OF PROJECT</th>
<th>A Study of Urban Population Projection Models</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAME OF PRINCIPAL INVESTIGATOR (P.I)</td>
<td>Adiveppa S Kadi</td>
</tr>
<tr>
<td>Deptt. of Statistics</td>
<td></td>
</tr>
<tr>
<td>ADDRESS</td>
<td>Karnataka University, Dharwad-580 003, Karnataka University, Dharwad, Karnataka State, India -580003</td>
</tr>
<tr>
<td>Case of College Teachers, name of affiliating University</td>
<td>Karnataka University, Dharwad-580 003</td>
</tr>
<tr>
<td>CATEGORY OF COLLEGE</td>
<td>Aided/Private/Government/Self Financing / any other (Please Specify)</td>
</tr>
<tr>
<td>AND CATEGORY (GEN/SC/ST/Minority/PH)</td>
<td>(Male/Female) Category: GENERAL</td>
</tr>
<tr>
<td>NAME OF PRINCIPAL INVESTIGATOR</td>
<td>Working/Retired</td>
</tr>
<tr>
<td>NAME OF CO-INVESTIGATOR</td>
<td></td>
</tr>
</tbody>
</table>

### RECOMMENDATION OF THE EXPERTS:

- Recommended
- Reasons for recommendation. The allocation may be provided (Part-III)
- Recommended ✓
- Reasons for not recommending the project 1.

### FINANCIAL ALLOCATION RECOMMENDED.

#### NON RECURRING:

<table>
<thead>
<tr>
<th>Item</th>
<th>Rs.</th>
<th>In words</th>
</tr>
</thead>
<tbody>
<tr>
<td>Books &amp; Journals</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Equipment</td>
<td></td>
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</table>

#### RECURRING:

<table>
<thead>
<tr>
<th>Item</th>
<th>Rs.</th>
<th>In words</th>
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</thead>
<tbody>
<tr>
<td>Honorarium to Retd. Teacher</td>
<td>Rs. 18,000 - p.m.</td>
<td></td>
</tr>
<tr>
<td>Research Personnel (Any one of the following be provided)</td>
<td>Rs. 14,000 - p.m.</td>
<td></td>
</tr>
<tr>
<td>Senior Fellow (Non-Net Non-NET)</td>
<td>Rs. 16,000 - p.m.</td>
<td></td>
</tr>
<tr>
<td>Assistant/Associate Professor (Non-Net Non-NET)</td>
<td>Rs. 16,000 - p.m.</td>
<td></td>
</tr>
<tr>
<td>Contingency</td>
<td></td>
<td></td>
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<tr>
<td>Hiring Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Travel Field Work</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Field Charges (If Rs. 10% approved)</td>
<td></td>
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<tr>
<td>TOTAL</td>
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</tbody>
</table>

### Period of Project Recommended: Three years

### MLP 2013-2014

#### Checklist for document

<table>
<thead>
<tr>
<th>YES/NO</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Declaration certificate ✓</td>
</tr>
<tr>
<td>2. Assessment certificate ✓</td>
</tr>
<tr>
<td>3. UGC certificate of 21(i) &amp; 12(b) ✓</td>
</tr>
<tr>
<td>4. Mandate form ✓</td>
</tr>
</tbody>
</table>
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

**INVESTIGATION SHEET**

**PROJECT:** Statistics

**Candidate ID:** MRP-MAJOR-STAT-2013-43935

<table>
<thead>
<tr>
<th>NAME OF PROJECT</th>
<th>Investigation on Incomplete Block Neighbour Design and Its Application.</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAME OF PRINCIPAL INVESTIGATOR (P.I)</td>
<td>Dr. Kh. Kumarchand Singh Deptt. of Statistics</td>
</tr>
</tbody>
</table>

**ADDRESS**

Department: Statistics, Manipur University, Department of Statistics, Canchipur-795003, Imphal.

**College Teachers, Name of Affiliating University**

Department: Statistics, Manipur University

**category of College**

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

**Gender of Principal Investigator**

(Male/Female) Category: OBC

**Age of Co-Investigator**

Working/Retired

**RECOMMENDATION OF THE EXPERTS:**

1. A B S E N T

2. 

3. 

**FINANCIAL ALLOCATION RECOMMENDED:**

<table>
<thead>
<tr>
<th>Non Recurring</th>
<th>(In figures)</th>
<th>(In words)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cost &amp; Journals</strong></td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
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</tbody>
</table>

**Recurring:**

<table>
<thead>
<tr>
<th>Item</th>
<th>(In figures)</th>
<th>(In words)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Non-Grant Personnel (As per para 11) Rs. 14,000/- p.m.</strong></td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td><strong>Research Personnel (As per para 12)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Fellow (Non-Gate/Non NET) Rs. 14,000/- p.m.</td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td>Project Fellow (Gate/NET/GPAT) Rs. 16,000/- p.m.</td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
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</table>

**Total Project Recommended:** Three years

**Checklist for document**

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<td>1. Declaration certificate</td>
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<tr>
<td>3. UGC certificate ref. 2(f) &amp; 12(b)</td>
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