**PROJECT**: Studies on Listeria monocytogenes in livestock, their handlers and foods of animal origin in Jammu Province

**NAME OF PRINCIPAL INVESTIGATOR (P.I)**: Dr. Mohd Rashid

**DEPTT. of**: Veterinary Science

**AFFILIATING UNIVERSITY**: Sher-e-Kashmir University of Agricultural Sciences &amp; Technology Jammu, R.S.Pura Jammu 181102

**CATEGORY (GEN/SC/ST/Minority/PH)**: OBC

**SUPERANNUATION**: Working/Retired

**RECOMMENDATION OF THE EXPERTS**: Absent

**FINANCIAL ALLOCATION RECOMMENDED**:

<table>
<thead>
<tr>
<th>Item</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>
</tr>
<tr>
<td>Recurring:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Teaching Assistant/Retd. Teacher</td>
<td>Rs. 18,000/- p.m.</td>
<td></td>
</tr>
<tr>
<td>Research Personnel (Anyone of the following be provided)</td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td>Project Fellow (Non-Gate Non NET)</td>
<td>Rs. 14,000/- p.m.</td>
<td></td>
</tr>
<tr>
<td>Project Fellow (Gate NET-GPAT)</td>
<td>Rs. 16,000/- p.m.</td>
<td></td>
</tr>
<tr>
<td>Contingency</td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td>Living Services</td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td>Field Work</td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td>Official Charges or 10% approved meeting grant if week Field Work &amp; Travel</td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td>TOTAL</td>
<td>Rs.</td>
<td></td>
</tr>
</tbody>
</table>

**PROJECT RECOMMENDED**: Three years

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. H. Gopi</td>
<td>Gopi</td>
</tr>
<tr>
<td>Dr. Ravai S.</td>
<td>Ravai S.</td>
</tr>
</tbody>
</table>
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

INNATION SHEET

PROJECT: Veterinary Science

Candidate ID: MRP-MAJOR-VETE-2013-12795

I. NAME OF PROJECT
Cellular characterization of gastrointestinal melanotin and endoendocrine cells in buffalo

II. NAME OF PRINCIPAL INVESTIGATOR (P.I.)
Opinder Singh
Deptt. of Veterinary Science

III. ADDRESS
Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana.
College of Veterinary Science-Guru Angad Dev Veterinary and Animal Sciences University- Ferozepur Road- Ludhiana-141001

IV. NAME of College Teachers, name of affiliating University
Guru Angad Dev Veterinary and Animal Sciences University

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

VI. SUPERANNUATION to be indicated in case of

VII. NAME of Co-Investigator

II. RECOMMENDATION OF THE EXPERTS:

Recommended

1. A commepted research work
2. Least proposed
3. Less feasibility feasibility

Not Recommended

III. FINANCIAL ALLOCATION RECOMMENDED.

NON RECURRING:

Books & Journals
Rs. 10,000

Equipment
Rs. 5,000

RECURRING:

Salaries to Rtd. Teacher Rs. 10,000 - p.m.

Rs.

Research Personnel (Anyone of the following be provided)
Project Fellow (Non-Gate/Non NET) Rs. 14,000 - p.m.
Research Fellow (Gate/NET/GRAD) Rs. 16,000 - p.m.

Rs.

Others:

Emergency
Rs.

Others Services
Rs.

Others Field Work
Rs.

Others Travel charges 10% approved Grant/except field work/travel
Rs.

TOTAL
Rs.

IV. PROJECT RECOMMENDED: Three years

V. NAME OF THE EXPERTS COMMITTEE MEMBERS

Dr. H. Gopil
Dr. S.K. Raval

Signature

Checklist for document

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

Y/N

Y

Y

Y
PROJECT: Veterinary Science

Name of Principal Investigator (P.I): Dr. Naimi Chand

Affiliation: Guru Angad Dev Veterinary and Animal Science University (GADVASU), Department of Veterinary Medicine - College of Veterinary Sciences. Guru Angad Dev Veterinary and Animal Science University, Ludhiana-141004, Punjab.

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

Category: GENERAL

Recommendation of the Experts:

- Not Recommended
  1. No Innovation
  2. Proposal not clean
  3. Impact not furnished

Financial Allocation Recommended:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount (In figures)</th>
<th>(In words)</th>
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</thead>
<tbody>
<tr>
<td>Non-Recurring</td>
<td>Rs.</td>
<td></td>
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<tr>
<td>Books &amp; Journals</td>
<td>Rs.</td>
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<tr>
<td>Equipment</td>
<td>Rs.</td>
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<tr>
<td>Recurring</td>
<td>Rs.</td>
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<tr>
<td>Manuscript to Reid. Teacher</td>
<td>Rs. 18,000/- p.m.</td>
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</tr>
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</tr>
<tr>
<td>Project Fellow (Non-Gate/Non NET)</td>
<td>Rs. 14,000/- p.m.</td>
<td></td>
</tr>
<tr>
<td>Project Fellow (Gate NET/GPAT)</td>
<td>Rs. 16,000/- p.m.</td>
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<tr>
<td>Contingency</td>
<td>Rs.</td>
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<td>Library Services</td>
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<tr>
<td>Field Work</td>
<td>Rs.</td>
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<td>Overhead Charges or Rs. 10% approved</td>
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<td>Rs.</td>
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Use of Project Recommended: Three years

Checklist for Document:

1. Declaration certificate: Yes
2. Assessment certificate: Yes
3. UGC certificate of 2(f) & 12(b): Yes
4. Mandate form: Yes
**PROJECT**: Veterinary Science  
**Candidate ID**: MRP-MAJOR-VETE-2013-18352

<table>
<thead>
<tr>
<th>ROLE OF PROJECT</th>
<th>STUDIES ON THE FACTORS CONTRIBUTING TO UPWARD FIXATION OF PATELLA IN BOVINES</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAME OF PRINCIPAL INVESTIGATOR (P.I.)</td>
<td>NAVDEEP SINGH</td>
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</tbody>
</table>

**GENUS**  
Guru Angad Dev Veterinary & Animal Sciences University-Ludhiana - 141004

**Name of College Teachers, name of affiliating University**  
Guru Angad Dev Veterinary & Animal Sciences University-Ludhiana

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

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

**Superannuation to be indicated in case of working/retd**  
Working/Retired

**Co-Investigator**

---

**RECOMMENDATION OF THE EXPERTS:**

<table>
<thead>
<tr>
<th>Recommended</th>
<th>NOT Recommended</th>
</tr>
</thead>
</table>

1. **Very Important**
2. **No Practical Outcome**
3. **Weak Proposal**

---

**FINANCIAL ALLOCATION RECOMMENDED.**

<table>
<thead>
<tr>
<th>(In Figures)</th>
<th>(In words)</th>
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</thead>
<tbody>
<tr>
<td>NON RECURRING</td>
<td></td>
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<tr>
<td>RECOURRING:</td>
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<tr>
<td>Assistant to Reader Teacher</td>
<td>Rs. 18,000/- p.m.</td>
</tr>
<tr>
<td>Research Personnel (Anyone of the following be provided)</td>
<td>Rs.</td>
</tr>
<tr>
<td>Project Fellow (Non-Gate/Non NET)</td>
<td>Rs. 14,000/- p.m.</td>
</tr>
<tr>
<td>Project Fellow (Gate/NET/SPAT)</td>
<td>Rs. 16,000/- p.m.</td>
</tr>
<tr>
<td>Contingency</td>
<td>Rs.</td>
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<td>Other Services</td>
<td>Rs.</td>
</tr>
<tr>
<td>Project Work</td>
<td>Rs.</td>
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<tr>
<td>Special Charges or 10% approved</td>
<td>Rs.</td>
</tr>
<tr>
<td>recurring grant (Except Project Work)</td>
<td>Rs.</td>
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<td>TOTAL</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>
</thead>
<tbody>
<tr>
<td>Dr. H. S. Gopi</td>
<td></td>
</tr>
<tr>
<td>Dr. Ravi S.K.</td>
<td></td>
</tr>
</tbody>
</table>

**Checklist for document**:  
1. Declaration certificate  
2. Assessment certificate  
3. GC certificate of 2(d) & 12(b)  
4. Mandate form  

**YES/NO**:  
1. Declaration certificate: **YES**  
2. Assessment certificate: **YES**  
3. GC certificate of 2(d) & 12(b): **YES**  
4. Mandate form: **YES**
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

F. SHEET

PROJECT : Veterinary Science
Candidate ID: MRP-MAJOR-VETE-2013-19266

1. NAME OF PROJECT
IMMUNOHISTOCHEMICAL CHARACTERIZATION OF SPERMATOGONIAL STEM CELLS IN BUFFALO TESTIS DURING PRENATAL AND NEONATAL LIFE

2. NAME OF PRINCIPAL INVESTIGATOR (P.I)
Dr. Neelam Bansal
Deptt. of Veterinary Science

3. ADDRESS
College of Veterinary Science - Ludhiana - Punjab, Guru Angad Dev Veterinary and Animal Sciences University Ludhiana - Punjab

4. NAME of College Teachers, name of affiliating University
Guru Angad Dev Veterinary and Animal Sciences University Ludhiana

5. NAME OF COLLEGE
CollegeTeachers, name of affiliating University

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

7. CATEGORY OF COLLEGE Teachers, name of affiliating University
Working/Retired

8. RECOMMENDATION OF THE EXPERTS:

1. NOT Recommended
2. Less Feasibility
3. No Innovation

9. FINANCIAL ALLOCATION RECOMMENDED:

<table>
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<tr>
<th>Item</th>
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<td>Rs. 10,000/-</td>
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<td>Rs. 12,000/-</td>
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<tr>
<td>Rs. 12,000/-</td>
<td>Rs. 15,000/-</td>
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<tr>
<td>Rs. 15,000/-</td>
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<td>Rs. 15,000/-</td>
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<td>Rs. 21,000/-</td>
<td>Rs. 18,000/-</td>
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<td>Rs. 24,000/-</td>
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<tr>
<td>TOTAL</td>
<td>Rs. 216,000/-</td>
<td>Rs. 216,000/-</td>
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10. DURATION OF PROJECT Recommended: Three years

11. A & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS

<table>
<thead>
<tr>
<th>Name in Block letters</th>
<th>Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Br. H. Gopi</td>
<td></td>
</tr>
<tr>
<td>Dr. Raval S.K.</td>
<td></td>
</tr>
</tbody>
</table>

Checklist for document:

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

**Recommendation Sheet**

**Project:** Veterinary Science

**Candidate ID:** MRP-MAJOR-VETE-2013-20457

**Title of Project:** Development of extended storage life functional meat products by incorporating bioactive phyto-extracts

**Principal Investigator:** Dr. Pavan Kumar

**Deptt. of Veterinary Science**

**Address:**

Guru Angad Dev Veterinary and Animal Sciences University, Guru Angad Dev Veterinary and Animal Sciences University- Ferozepur Road, Ludhiana- Punjab-141004

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

**Category:** GENERAL

**Sex:** Male

**Category:** WORKING

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

Guru Angad Dev Veterinary and Animal Sciences University

**Name of College:**

Guru Angad Dev Veterinary and Animal Sciences University

**Department:**

Candidate ID: MRP-MAJOR-VETF.-2013-20457

**Incorporating bioactive phyto-extracts**

**Principal Investigator:** Dr. Pavan Kumar

**Department:** Deptt. of Veterinary Science

**Department:**

Deptt. of Veterinary Science

**Category:**

Male

**Category:**

Working

### Recommendation of the Experts:

**Recommendation:**

Recommended

### Financial Allocation Recommended:

**Non Recurring:**

<table>
<thead>
<tr>
<th>(In figures)</th>
<th>(In words)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rs.</td>
<td>—</td>
</tr>
<tr>
<td>Rs.</td>
<td>—</td>
</tr>
</tbody>
</table>

**Recurring:**

<table>
<thead>
<tr>
<th>Component</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rs. 1,70,000</td>
<td></td>
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</tbody>
</table>

**Salary:**

- Rs. 1,70,000

**Personnel:**

- Rs. —

**Agency:**

- Rs. 50,000

**Field Work:**

- Rs. 1,00,000

**Grants/Charges:**

- Rs. 45,000

**TOTAL:**

- Rs. 1,265,000 (9,10,000 1st Year)

**Project Recommended:**

Three years

### Checklist for documents:

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

COMMENDATION SHEET

PROJECT: Veterinary Science
Candidate ID: MRP-MAJOR-VETE-2013-23793

I. TITLE OF PROJECT
Isolation- molecular characterization and development of rapid diagnostics against important microbial pathogens affecting fish fauna of Himachal Pradesh.

II. NAME OF PRINCIPAL INVESTIGATOR (P.I)
Dr. Prasenjit Dhar
Deptt. of Veterinary Science

III. ADDRESS
Chaudhary Sarwan Kumar Himachal Pradesh Krishi Vishvavidyalaya, Palampur-176 062 (H.P.),Tehsil- Palampur-Dist.-KangraState:Himachal Pradesh

IV. NAME OF College Teachers, name of affiliating University

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

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

VII. WORKING/RETIRED
Working/Retired

VIII. RECOMMENDATION OF THE EXPERTS:

NOT RECOMMENDED

1. Different Field & Specialization
2. Weake proposal
3. Routine Research

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

1. Journals
Rs.

2. Equipment
Rs.

RECURRING:

1. Honorarium to Retd. Teacher
Rs. 18,000 - p.m.

2. Research Personnel (Any one of the following be provided)
Rs.

Rs. 14,000 - p.m.

3. Project Fellow (Non-Gate/Non NFT) & Rs. 16,000 - p.m.

4. Ph.D. Scholar (Gate NFT / GPA) & Rs. 16,000 - p.m.

5. Contingency
Rs.

6. Other Services
Rs.

7. Other Field Work
Rs.

8. Ward Charges @ Rs. 10% approved
Rs.

9. Service grant (Except Field Work, Travel)
Rs.

TOTAL
Rs.

X. Project Recommended: Three years

XI. & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)

Name in Block letters: Signature
Dr. H. Gopi
P. S. Raval

Checklist for document YES/NO

1. Declaration certificate

2. Assessment certificate

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

4. Mandate form

5.
UNIVERSITY GRANTS COMMISSION
MAJOR RESEARCH PROJECT SCHEME

PROJECT: Veterinary Science
Candidate ID: MRP-MAJOR-VETE-2013-31600

NAME OF PROJECT: DESIGNING BIOCHEMICAL AND IMMUNOCHEMISTRY BASED PREGNANCY DIAGNOSTIC KITS FOR GOATS UNDER STALL-FED CONDITIONS

NAME OF PRINCIPAL INVESTIGATOR (P.I.): Dr. Chandrahas
Dept. of Veterinary Science

ADDRESS: Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana-141004, Department of Livestock Production Management, College of Veterinary Science, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana, Punjab, India

NAME 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: GENERAL

NAME OF PRINCIPAL INVESTIGATOR: Working/Retired

NAME OF COLLEGE: Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana-141004

NAME OF AFFILIATING COLLEGE: College Teachers, name of affiliating University

RECOMMENDATION OF THE EXPERTS:

RECOMMENDED: Yes

RECOMMENDED: No

FINANCIAL ALLOCATION RECOMMENDED:

NON RECURRING: (In figures) (IN words)

RECURRING:

1. Travel to Retd. Teacher Rs.
2. Recruitment to Retd. Teacher Rs.
3. Research Personnel (Non-Gate Non NET) Rs.
4. Project Fellow (Gate FEL-GPA) Rs.
5. Other Charges Rs.
6. TOTAL Rs.

PROJECT Recommended: Three years

CHECKLIST FOR DOCUMENT:

1. Declaration certificate
2. Assessment certificate
3. UGC certificate of 3rd & 12th
4. Mandate form

SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS:

Name in Block letters: Dr. H. Gopal

Signature: [Signature]

Name in Block letters: Dr. Raval S.K.

Signature: [Signature]
MENDATION SHEET

PROJECT: Veterinary Science
Candidate ID: MRP-MAJOR-VETE-2013-31898

I. TITLE OF PROJECT
Development of a single multiplex PCR for identification of mastitis causing microorganisms along with the antibiotic resistant genes against commonly used antibiotics in dairy animals.

II. TITLE OF PRINCIPAL INVESTIGATOR (P.I)
Mudit Chandra
Dept. of Veterinary Science

III. AFFILIATING UNIVERSITY
Guru Angad Dev Veterinary and Animal Sciences University, Ferozpur Road, Ludhiana 141004

IV. NAME OF COLLEGE/TEACHERS, NAME OF AFFILIATING UNIVERSITY, CATEGORY OF COLLEGE AND CATEGORY (GEN/SC/ST/Minority/PH)
(Aided/Private/Government/Self Financing/any other) Please Specify

V. GENDER OF PRINCIPAL INVESTIGATOR
Category: GENERAL

VI. SUPERANNUATION TO BE INDICATED IN CASE OF DEATH

VII. RECOMMENDATION OF THE EXPERTS:

Recommended

RECOMMENDED: The allocation may be provided

Reasons for recommending the project

1. 
2. 
3. 

VIII. FINANCIAL ALLOCATION RECOMMENDED

NON RECURRING:

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
<th>(In figures)</th>
<th>(In words)</th>
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<tbody>
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<td>Books &amp; Journals</td>
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<td>Equipment</td>
<td>Deep Freezer</td>
<td>1,20,000</td>
<td>三万二千</td>
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<td></td>
<td>Gradient PCR</td>
<td>2,50,000</td>
<td>三万五千元</td>
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<tr>
<td></td>
<td>Total</td>
<td>Rs. 11,60,000</td>
<td>(三万一千六百元)</td>
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</table>

RECURRING:

- Remuneration to Retd. Teacher Rs. 18,000 p.m.
- Salaries and Benefits Rs. 5,00,000
- Contingency Rs. 1,00,000
- Rent Rs. 10,000
- Travel Rs. 60,000

TOTAL Rs. 11,60,000

IX. DURATION OF THE PROJECT: Three years

X. SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS:

Name in Block letters: Dr. H. Gopali
Signature: 

YES/NO for document checklist:

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

COMMENDATION SHEET

PROJECT : Veterinary Science
Candidate ID : MRP-MAJOR-VETE-2013-36474

I. NAME OF PROJECT
Clinical application of bone marrow derived mesenchymal stem cells from buffalo for allogeneic and xenogeneic cutaneous regeneration of chronic wounds

II. NAME OF PRINCIPAL INVESTIGATOR (P.I)
Manjinder Sharma ; Deptt. of Veterinary Science

III. AFFILIATION
College of Veterinary Sciences- GADVASU- Ludhiana, College of Veterinary SciencesGuru Angad Dev Veterinary and Animal Sciences UniversityLudhiana 141004- India

IV. NAME OF COLLEGE TEACHERS, NAME OF AFFILIATING UNIVERSITY
College of Veterinary Sciences- GADVASU- Ludhiana

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

VI. WORKING/RETIRED
Working

VII. RECOMMENDATION OF THE EXPERTS:
Recommended

1. 
2. 
3. 

VIII. FINANCIAL ALLOCATION RECOMMENDED.

<table>
<thead>
<tr>
<th>NON RECURRING:</th>
<th>(In figures)</th>
<th>(In words)</th>
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<tbody>
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<tr>
<td>Assistant to Head Teacher</td>
<td>Rs. -</td>
<td>-</td>
</tr>
<tr>
<td>Research Personnel (Arrangement of the following be provided):</td>
<td>Rs. -</td>
<td>-</td>
</tr>
<tr>
<td>Project Fellow (Non-Net/Non-NET) or Rs. 14,000/- p.m.</td>
<td>Rs. 1,60,000</td>
<td>-</td>
</tr>
<tr>
<td>Project Fellow (Gate/NET/GPAT) or Rs. 16,500/- p.m.</td>
<td>Rs. 6,50,000</td>
<td>-</td>
</tr>
<tr>
<td>Contingency</td>
<td>Rs. 1,00,000</td>
<td>-</td>
</tr>
<tr>
<td>Div. Services</td>
<td>Rs. -</td>
<td>-</td>
</tr>
<tr>
<td>Travel/Field Work</td>
<td>Rs. 50,000</td>
<td>-</td>
</tr>
</tbody>
</table>
| Overhead Charges @ Rs. 10% approved 
concerning grant (Except Field Work/Travel) | Rs. 7,50,000 | - |
| TOTAL | Rs. 15,50,000 | (1 Incl. - Rs. 1,150,000/ ) |

IX. PROJECT RECOMMENDED : THREE YEARS

X. NAME IN BLOCK LETTERS, SIGNATURE, LIST OF EXPERTS (COMMITTEE MEMBERS)

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

PROJECT: Veterinary Science

NAME OF PROJECT: Long bone fracture repair in dogs: Use of electrostimulation and autogenous bone grafts in combination with internal fixation

NAME OF PRINCIPAL INVESTIGATOR (P.I.): Dr Tarunbir Singh
Deptt. of Veterinary Science

ADDRESS: Guru Angad Dev Veterinary and Animal Sciences University, College of Veterinary Science- GADVASU- Ludhiana-141004 (Punjab)

NAME OF COLLEGE Teacher, name of affiliating University: Aided/Private/Government/Self Financing / any other (Please Specify)

CITY OF COLLEGE: Aided/Private/Government/Self Financing / any other (Please Specify)

CATEGORY OF COLLEGE: Aided/Private/Government/Self Financing / any other (Please Specify)

INCOME CATEGORY (GEN/SC/ST/Minority/PH): GENERAL

RECOMMENDATION OF THE EXPETS:

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

RECURRING:
Salarium to HOD: Teacher Rs.
Rs.,

RESEARCH PERSONAL (Any one of the following be provided): Rs.
Project Fellow (Non-GEN/Non NET) at Rs. 14,000/- p.m.
Project Fellow (Gate-NET/GPAT) at Rs. 16,000/- p.m.

TRAVEL/FIELD WORK: Rs.

OVERHEAD CHARGES: Rs.
TOTAL: Rs.

PROJECT RECOMMENDED: Three years

Checklist for document: YES/NO
1. Declaration certificate
2. Assessment certificate
3. UGC certificate of 211 & 12(B)
4. Mandate form

AND SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS:

Name in Block letters

Dr. H. Gopi
Dr. Ravat S K

Signature

18/01/2013
18/01/2013
**UNIVERSITY GRANTS COMMISSION**
**MAJOR RESEARCH PROJECT SCHEME**

**APPLICATION SHEET**

**RECOMMENDED SHEET**

**PROJECT:** Veterinary Science

**Candidate ID:** MRP-MAJOR-VETE-2013-38451

---

**I. TITLE OF PROJECT**

Elucidating the Role of Polymorphic Outer Membrane Proteins (POMPs) of Chlamydophila abortus in Host-Pathogen Interaction

---

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

Dr. Rajesh Chahota

Dept. of Veterinary Science

---

**III. ADDRESS**

Chaudhary Sarwan Kumar Himachal Pradesh Krishi Vishvavidyalaya, Department of Veterinary Microbiology, DGCN College of Veterinary and Animal Sciences-CSK Himachal Pradesh Agricultural University-Palampur-PIN 176 062 HP

---

**IV. NAME OF COLLEGE TEACHERS, NAME OF AFFILIATING UNIVERSITY**

CSK Himachal Pradesh Agricultural University

---

**V. CATEGORY OF COLLEGE AND CATEGORY (GEN/SC/ST/Minority/PHI)**

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

(Male/Female) Category: OBC

---

**VI. WORKS & JOURNALS**

Rs.

---

**VII. RECOMMENDATION OF THE EXPERTS**

1. Not Recommended
2. No innovation
3. Impact

---

**VIII. FINANCIAL ALLOCATION RECOMMENDED.**

**NON RECURRING:**

<table>
<thead>
<tr>
<th>Item</th>
<th>Allocation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Works &amp; Journals</td>
<td>Rs.</td>
</tr>
<tr>
<td>Equipment</td>
<td>Rs.</td>
</tr>
</tbody>
</table>

**RECURRING:**

<table>
<thead>
<tr>
<th>Item</th>
<th>Allocation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emporium to Retd. Teacher</td>
<td>Rs.</td>
</tr>
<tr>
<td>Research Personnel (Any one of the following be provided)</td>
<td>Rs.</td>
</tr>
<tr>
<td>Project Fellow (GATE/Non NET) 14,000/- p.m</td>
<td>Rs.</td>
</tr>
<tr>
<td>Project Fellow (Gate NET GPAT) 16,000/- p.m</td>
<td>Rs.</td>
</tr>
<tr>
<td>Contingency</td>
<td>Rs.</td>
</tr>
<tr>
<td>Daily Services</td>
<td>Rs.</td>
</tr>
<tr>
<td>Travel/Field Work</td>
<td>Rs.</td>
</tr>
<tr>
<td>Overhead Charges &amp; Rs. 10% approved</td>
<td>Rs.</td>
</tr>
<tr>
<td>Recurring grant (Exclude Field Work/Travel)</td>
<td>Rs.</td>
</tr>
</tbody>
</table>

**TOTAL**

<table>
<thead>
<tr>
<th>Item</th>
<th>Allocation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Rs.</td>
</tr>
</tbody>
</table>

---

**IX. PROJECT TENURE**

Three years

---

**X. SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS**

<table>
<thead>
<tr>
<th>Name in Block Letters</th>
<th>Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. H. Gopi</td>
<td></td>
</tr>
<tr>
<td>Dr. Ravinder S. K.</td>
<td></td>
</tr>
</tbody>
</table>

**Checklist for document**

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

---

**YES/NO**

<table>
<thead>
<tr>
<th>Item</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Declaration certificate</td>
<td>YES</td>
</tr>
<tr>
<td>Assessment certificate</td>
<td>YES</td>
</tr>
<tr>
<td>UGC certificate of 2(f) &amp; 12(b)</td>
<td>YES</td>
</tr>
<tr>
<td>Mandate form</td>
<td>YES</td>
</tr>
</tbody>
</table>
**UNIVERSITY GRANTS COMMISSION**  
**MAJOR RESEARCH PROJECT SCHEME**

**PROJECT:** Veterinary Science  
**Candidate ID:** MRP-MAJOR-VETE-2013-38700

| NAME OF PROJECT | Feed particle size: Impact on production performance- nutrient utilisation- microflora profile and gastrointestinal tract development in broiler and layer |
| NAME OF PRINCIPAL INVESTIGATOR (P.I) | Dr. Yashpal Singh  
Dept. of Veterinary Science |
| ADDRESS | College of Veterinary Science- Guru Angad Dev Veterinary and Animal Science University- Ludhiana, College of Veterinary Science- Guru Angad Dev Veterinary and Animal Science University- LudhianaCity- LudhianaState- PunjabPin- 141004 |
| Name of College Teachers, name of affiliating University | Guru Angad Dev Veterinary and Animal Science University- Ludhiana |

**RECOMMENDATION OF THE EXPERTS:**

- **Reasons for recommendation:** The allocation may be provided (Part-I)

**RECOMMENDED:**

- Less Feasible
- Less Applicability
- Needs Rejected

**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>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Recurring</th>
<th>(In figures)</th>
<th>(in words)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salaries to Reld. Teacher</td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td>Research Personnel (Anyone of the following be provided) Project Fellow (Non-Gate/Non NET) or Rs. 14,000/- p.m.</td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td>Project Fellow (Gate NET/ UGC) or Rs. 16,000/- p.m.</td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td>Medical</td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td>Contingency</td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td>Living Services</td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td>Travel/Field Work</td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td>Travel/Field Work (Travel)</td>
<td>Rs.</td>
<td></td>
</tr>
<tr>
<td>TOTAL</td>
<td>Rs.</td>
<td></td>
</tr>
</tbody>
</table>

**Duration of Project Recommended:** Three years

- 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**

**PROJECT**: Veterinary Science  
**Candidate ID**: MRP-MAJOR-VTE-2013-39058

### I. ISSUE OF PROJECT
- **Title**: Genetic variability in growth related candidate genes and their association with growth traits of Japanese quail (Coturnix coturnix japonica)

### II. NAME OF PRINCIPAL INVESTIGATOR (P.I.)
- **Name**: Dr P P Dubey  
- **Designation**: Dept. of Veterinary Science

### III. ADDRESS
- **Guru Angad Dev Veterinary & Animal Sciences University- Ludhiana, College of Veterinary Sciences-Guru Angad Dev Veterinary & Animal Sciences University- Ludhiana PIN 141004

### IV. Name of affiliation University
- **Guru Angad Dev Veterinary & Animal Sciences University- Ludhiana

### V. Category of College
- **Aided/Private/Government/Self Financing / any other (Please Specify)**
- **Working/Retired**
- **Male/Female**
- **Category**: GENERAL

### VI. RECOMMENDATION OF THE EXPERTS:
- **RECOMMENDED**
- **NOT RECOMMENDED**
- **NOT FIELD ORIENTED**
- **BROAD RESEARCH**
- **NO INNOVATION**

### VII. FINANCIAL ALLOCATION RECOMMENDED

#### A. NON RECURRING:
- **Books & Journals**
- **(In figures)**
- **(in words)**

#### B. RECURRING:
- **Remuneration to Field Teacher**
- **(In figures)**
- **Rs.**

- **Research Personnel (Assume the following be provided)**
- **(In figures)**
- **Rs.**

- **Chemical**
- **(In figures)**
- **Rs.**

- **Other Services**
- **(In figures)**
- **Rs.**

- **Travel Field Work**
- **(In figures)**
- **Rs.**

- **Overhead Charges @ Rs. 10% approved**
- **(In figures)**
- **Rs.**

**TOTAL**
- **(In figures)**
- **Rs.**

### VIII. Project Recommended:
- **Three years**

### IX. SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS
- **Name in Block Letters**: 
  - Dr. H. Gopi
  - Dr. Raval S. L.
- **Signature**: 
  - [Signature]
  - [Signature]

### Checklist for document:

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