DEPARTMENT OF PHYSICAL EDUCATION PEDAGOGY

1. **Name of the Department:**
   Department of Physical Education Pedagogy

2. **Year of establishment:**
   2012

3. **Is the Department part of a School / Faculty of the University:**
   Yes

4. **Name of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):**
   Under Graduate Course & Post Graduate Course

5. **Interdisciplinary programmes and departments involved:**
   The students of this department participate in interdisciplinary programmes organized by other departments of the institute like seminars conferences, workshop etc.

6. **Courses in collaboration with other universities, industries, foreign institutions, etc.:**
   Nil

7. **Details of programmes discontinued, if any, with reason:**
   Nil

8. **Examination System : Annual / Semester / Trimester / Choice Based Credit System:**
   Semester System & Annual System

9. **Participation of the department in the courses offered by other departments:**
   The students of this department participate in interdisciplinary short term programmes, capsule programmes organized by other departments of the institute.

10. **Number of teaching posts sanctioned, filled and actual (Professors / Associate Professors / Asstt. Professors / others):**
    The Data regarding this is available in the Institute.

    |               | Number |
    |---------------|--------|
    | Professor     | 01     |
    | Associate Professors | 01 |
    | Assistant Professor | 05 + 04 (T) |
    | Others        | 05     |
11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance.

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name</th>
<th>Qualification</th>
<th>Designation</th>
<th>Specialization</th>
<th>No. of the Years of Experience</th>
<th>No. of Ph.D./M.Phil. students guided for the last 4 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Prof. L. Wilfred Vaz (LWV)</td>
<td>M.P.E., M.Phil., Ph.D.</td>
<td>Professor</td>
<td>Wt. Lifting, Judo, Bio-Mechanics and Kinesiology</td>
<td>26 years</td>
<td>04</td>
</tr>
<tr>
<td>2.</td>
<td>Dr. Indu Bora (IB)</td>
<td>M.A. M.Phil. Ph.D. Diploma in Journalism</td>
<td>Associate Professor</td>
<td>English and Journalism</td>
<td>28 years</td>
<td>Nil</td>
</tr>
<tr>
<td>3.</td>
<td>Dr. Pushpendra Purashwani (PP)</td>
<td>M.P.E., M.Phil., Ph.D., J.C.C.</td>
<td>Asstt. Professor</td>
<td>Table-Tennis, Badminton, Sports Management</td>
<td>09 years</td>
<td>Nil</td>
</tr>
<tr>
<td>5.</td>
<td>Dr. K.K. Sahu (KKS)</td>
<td>M.P.Ed., M.Phil., Ph.D.</td>
<td>Asstt. Professor</td>
<td>Football and Sports Biomechanics</td>
<td>16 years</td>
<td>6</td>
</tr>
<tr>
<td>6.</td>
<td>Dr. Sanjeev Yadav (SY)</td>
<td>M.P.Ed., M.Phil., Ph.D.</td>
<td>Asstt. Professor</td>
<td>Basketball and Exercise Physiology</td>
<td>15 years</td>
<td>3</td>
</tr>
<tr>
<td>7.</td>
<td>Dr. Mukesh Solanki (MS)</td>
<td>M.P.Ed., Ph.D.</td>
<td>Asstt. Professor</td>
<td>Track and Field</td>
<td>15 years</td>
<td>2</td>
</tr>
<tr>
<td>8.</td>
<td>Dr. Umakant Singh (US)</td>
<td>M.P.Ed., Ph.D.</td>
<td>Asstt. Professor (T)</td>
<td>Basketball</td>
<td>03 years</td>
<td>Nil</td>
</tr>
<tr>
<td>9.</td>
<td>Mr. Rajesh Kumar (RK)</td>
<td>M.P.Ed.</td>
<td>Asstt. Professor (T)</td>
<td>Sports Biomechanics and Tennis</td>
<td>01 Nil</td>
<td>Nil</td>
</tr>
<tr>
<td>10.</td>
<td>Mr. Vivek Pandey (VP)</td>
<td>M.P.Ed.</td>
<td>Asstt. Professor (T)</td>
<td>Tennis</td>
<td>04 years</td>
<td>Nil</td>
</tr>
<tr>
<td>11.</td>
<td>Mr. Arun Kumar (AK)</td>
<td>B.P.Ed., M.P.Ed., NET</td>
<td>Asstt. Professor (T)</td>
<td>Gymnastic</td>
<td>02 years</td>
<td>Nil</td>
</tr>
<tr>
<td>12.</td>
<td>Mr. Arun Kumar Singh (AKS)</td>
<td>NIS</td>
<td>Coach</td>
<td>Cricket</td>
<td>15 years</td>
<td>Nil</td>
</tr>
<tr>
<td>13.</td>
<td>Mr. Amit Dixit (AD)</td>
<td>B.P.Ed., M.P.Ed.,</td>
<td>Coach (T)</td>
<td>Cricket</td>
<td>05 Nil</td>
<td>Nil</td>
</tr>
<tr>
<td>14.</td>
<td>Dr. Sunil Kumar Deshmukh (SKD)</td>
<td>M.Sc., Humm. Cons. and Yogic Science, M.A. Hindi Literature, Ph.D. (Hum. Cons. and Yogic Science)</td>
<td>Yoga Instructor</td>
<td>Yoga</td>
<td>4 years</td>
<td>Nil</td>
</tr>
<tr>
<td>15.</td>
<td>Mr. Hardeep (H)</td>
<td>B.P.Ed., M.P.Ed., Diploma in Swimming</td>
<td>Swimming Instructor cum Life Guard</td>
<td>Swimming</td>
<td>6 Months</td>
<td>Nil</td>
</tr>
<tr>
<td>16.</td>
<td>Mrs. Meera Devi (MD)</td>
<td>M.A. (Yoga)</td>
<td>Instructor</td>
<td>Yoga</td>
<td>10 years</td>
<td>Nil</td>
</tr>
</tbody>
</table>

12. List of senior visiting fellows, adjunct faculty, emeritus professors:
- Prof. A.K. Uppal, Ex-Dean, L.N.I.P.E., Gwalior
- Dr. Avinash Sidhu, Ex Faculty Member, L.N.I.P.E., Gwalior
- Brig. Labh Singh, Alumnus
- Dr. A.K. Datta, Ex- In-charge Vice Chancellor, L.N.I.P.E., Gwalior
13. **Percentage of classes taken by temporary faculty - programme-wise information:**
   (i) Under Graduate : 33.36%
   (ii) Post Graduate : 5.00%
   **Note:** SRF/JRF Scholars are assisting in Practical / Theory classes.

14. **Programme-wise Student Teacher Ratio:**
   (i) Under Graduate : 14:1 (Faculty of other departments also conducts classes)
   (ii) Post Graduate : 4:1

15. **Number of academic support staff (technical) and administrative staff : sanctioned, filled and actual:**
   a. Lab attendant : 2
   b. Office Assistant : 3
   c. Skilled Labour : 2

16. **Research thrust areas as recognized by major funding agencies:**
   Nil

17. **Number of faculty with ongoing projects from (a) National (b) International funding agencies and (c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:**
   As the Institute is not covered under UGC 12B, it restricts the faculty to apply for funding of research projects.

18. **Inter-institutional collaborative projects and associated grants received:**
   Nil
   a. National collaboration
   b. International collaboration

19. **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received:**
   Nil

20. **Research facility / centre with:**
   - State recognition : Yes
   - National recognition : Yes
   - International recognition : Yes
   
21. Special research laboratories sponsored by / created by industry or corporate bodies:
Nil

22. Publications: (In last five years)
Details of Teaching Faculty members only:

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Detail</th>
<th>LWV</th>
<th>IB</th>
<th>PP</th>
<th>BKP</th>
<th>KKS</th>
<th>SY</th>
<th>MS</th>
<th>US</th>
<th>VP</th>
<th>AK</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Number of papers published in peer reviewed journals (National / International)</td>
<td>14</td>
<td>12</td>
<td>07</td>
<td>41</td>
<td>18</td>
<td>02</td>
<td>10</td>
<td>03</td>
<td>03</td>
<td>02</td>
</tr>
<tr>
<td>2.</td>
<td>Monographs</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>3.</td>
<td>Chapters in Books</td>
<td>-</td>
<td>01</td>
<td>-</td>
<td>03</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>4.</td>
<td>Books with ISBN with details of publishers</td>
<td>03</td>
<td>01</td>
<td>02</td>
<td>-</td>
<td>04</td>
<td>01</td>
<td>01</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>5.</td>
<td>Published in Proceedings</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>10</td>
<td>-</td>
<td>03</td>
<td>-</td>
<td>01</td>
<td>01</td>
</tr>
</tbody>
</table>

23. Details of patents and income generated:
Nil

24. Areas of consultancy and income generated:
Nil

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad:

  i. Prof. L. Wilfred Vaz : Sports Authority of India, New Delhi, IIM, Raipur, Aligarh Muslim University, NIT, Bhopal.

26. Faculty serving in
  (a) National committees :

  1. Prof. L. Wilfred Vaz : I.W.F. & SLET, Andhra Pradesh

  (b) International committees:
Nil

  (c) Editorial Boards:

  1. Prof. L. Wilfred Vaz : 03 Journals
  2. Dr. Indu Bora : 02 Journals
  3. Dr. Pushpendra Purashwani : 01 Journal
  4. Dr. Krishna K. Sahu : 03 Journals
  5. Dr. Brij Kishor Prasad : 05 Journals

  (d) Any other (please specify) : Nil

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs):
Yes.
  (i) The faculty of the department attended various programmes of UGC-ASC/HRDC at Institute and other parts of country.
(ii) The faculty of the department rendered services as resource persons in various programmes for the Orientation, Refresher and short term courses of the UGC-ASC/HRDC, CBSE, K.V.S., Tibetan School, B.S.F. personnel and Army School of India organized by the Institute.

28. **Student projects**

- **Percentage of students who have done in-house projects including inter-departmental projects:**

<table>
<thead>
<tr>
<th>Session</th>
<th>Percentage of Students (M.P.Ed.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011-2012</td>
<td>100%</td>
</tr>
<tr>
<td>2012-2013</td>
<td>100%</td>
</tr>
<tr>
<td>2013-2014</td>
<td>100%</td>
</tr>
<tr>
<td>2014-2015</td>
<td>100%</td>
</tr>
</tbody>
</table>

- **Percentage of students doing projects in collaboration with other universities / industry / institute:**

  Nil

29. **Awards / recognitions received at the national and international level by**

<table>
<thead>
<tr>
<th>Faculty</th>
<th>Award Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prof. L. Wilfred Vaz</td>
<td>• Best Teacher 2013&lt;br&gt;• Trained: Ku. Uma Patel who represented India and won Silver Medal in Asian Power Lifting Championship and Ku. Saumya who represented India won Gold Medal in the Asian Junior Power Lifting Championship 2014.</td>
</tr>
<tr>
<td>Dr. Pushpendra Puraswani</td>
<td>• Awarded Unique World Record (for youngest Ph.D.) 2012</td>
</tr>
</tbody>
</table>

- Doctoral / post doctoral fellows
- Students

30. **Seminars / Conferences / Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.**

<table>
<thead>
<tr>
<th>Name of the Seminar/Workshop</th>
<th>Date</th>
<th>Funding Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Workshop on Choice Base Credit System</td>
<td>21.08.2012 - 22.08.2012</td>
<td>Ministry of Youth Affairs and Sports, Government of India</td>
</tr>
<tr>
<td>National Conference</td>
<td>30.01.2014</td>
<td>Ministry of Youth</td>
</tr>
</tbody>
</table>
31. **Code of ethics for research followed by the departments:**
A workshop on Plagiarism was organized in collaboration with all the departments of the Institute.

32. **Student profile programme-wise**: For Session 2015-16

<table>
<thead>
<tr>
<th>Name of the Programme (refer to question No. 4)</th>
<th>Applications received</th>
<th>Selected</th>
<th>Pass percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Male</td>
<td>Female</td>
</tr>
<tr>
<td>B.P.Ed.</td>
<td>774</td>
<td>104</td>
<td>45</td>
</tr>
<tr>
<td>M.P.Ed.</td>
<td>50</td>
<td>14</td>
<td>2</td>
</tr>
</tbody>
</table>

33. **Diversity of students**

<table>
<thead>
<tr>
<th>Name of the Programme (refer to question No. 4)</th>
<th>% of students from the same university</th>
<th>% of students from other universities within the State</th>
<th>% of students from universities outside the State</th>
<th>% of students from other countries</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.P.Ed.</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>M.P.Ed.</td>
<td>95%</td>
<td>0%</td>
<td>5%</td>
<td>0%</td>
</tr>
</tbody>
</table>

34. **How many students have ‘Cleared Civil Services and Defense Services Examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

- **NET**: 07
- **JRF**: 02

35. **Student progression:**

<table>
<thead>
<tr>
<th>Student progression</th>
<th>Percentage against enrolled</th>
</tr>
</thead>
<tbody>
<tr>
<td>UG to PG</td>
<td>95%</td>
</tr>
<tr>
<td>PG to Integrated M.Phil. Ph.D.</td>
<td>0%</td>
</tr>
<tr>
<td>PG to Ph.D.</td>
<td>08%</td>
</tr>
<tr>
<td>Ph.D. to Post-Doctoral</td>
<td>0%</td>
</tr>
<tr>
<td>Employed</td>
<td></td>
</tr>
<tr>
<td>Campus selection</td>
<td>30%</td>
</tr>
<tr>
<td>Other than campus recruitment</td>
<td>61%</td>
</tr>
<tr>
<td>Entrepreneurs</td>
<td>09%</td>
</tr>
</tbody>
</table>

36. **Diversity of staff:**

<table>
<thead>
<tr>
<th>Percentage of faculty who are Graduates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Of the same university</td>
</tr>
<tr>
<td>From other universities within the State</td>
</tr>
<tr>
<td>From universities from other States</td>
</tr>
<tr>
<td>From universities outside the country</td>
</tr>
</tbody>
</table>
37. **Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:**
   Ph.D.: 02

38. **Present details of departmental infrastructural facilities with regard to**
   (a) Library: 02 (01 central and 01 departmental) The students use the Departmental Library as well as the Central Library of the Institute.
   (b) Internet facilities for staff and students: Yes
   (c) Total number of class rooms: 10
   (d) Class rooms with ICT facility: 10
   (e) Students' laboratories: Yes (02)
   (f) Research laboratories: Yes (01)

39. **List of doctoral, post-doctoral students and Research Associates:**
   a. From the host institution / university: Nil
   b. From other institutions / universities: Nil

40. **Number of post graduate students getting financial assistance from the university:**
    Nil

41. **Was any need assessment exercise undertaken before the development of new programmes(s)? If so, highlight the methodology:**
    Yes.
    After getting feedback from the students, faculty and all other stakeholders.

42. **Does the department obtain feedback from:**
   a. **Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?**
      Yes.
      Through tutorial classes for the students and by self realization and upliftment of teaching methods and programmes of the teachers.
b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Department gives the feedback to the teachers so as to enhance and strengthen their teaching skills. Students are given group discussion on various learning problems they face and general and individual counseling is imparted wherever necessary.

c. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Yes.
It is mainly done through the conversation of the department with alumni and employers and also getting the feedback from the Director of Placement Cell.

43. List the distinguished alumni of the department (maximum 10):
- Ms. Uma Patel
- Ms. Saumya Shrivastava
- Mr. Chiranjeevi
- Mr. Sumit Pundir
- Mr. Manish Shukla
- Mr. Biondi Meitri

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts:
The department organizes various seminars, conferences, workshops and special lectures of various experts in the field from time to time.

45. List the teaching methods adopted by the faculty for different programmes:
- Lecture Method
- Demonstration Method
- Lecture cum Demonstration Method

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
By obtaining the consent and feedback from all stakeholders.

47. Highlight the participation of students and faculty in extension activities:
The students and the faculty impart coaching in summer coaching camps and sports nurseries organized by the Institute. They make visits to Juvenile Home, Orphanage and other NGOs to extend various services.
48. **Give details of "beyond syllabus scholarly activities" of the department:**

   a. The students of the department are given exposure to visit various Research Laboratories of Gwalior and India to collaborate for the research work with other scientists.
   
   b. Students are given exposure to do research work on various segments of the society in Gwalior.

49. **State whether the programme / department is accredited / graded by other agencies? If yes, give details:**

   a. ISO 14001 : 2004
   
   b. OHSAS 18001 : 2007
   
   c. ISO 9001 : 2008

50. **Briefly highlight the contributions of the department in generating new knowledge, basic or applied:**

    Exposure of modern trends of Physical Education and Sports and its allied subjects by taking part in various Conferences, Seminars, Workshops, Clinics etc.

51. **Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

   **STRENGTHS OF THE DEPARTMENT**

   a. The programmes included in the curriculum cater to the needs of the students to explore their full potentials in the field of Physical Education Pedagogy.
   
   b. Every student is given an opportunity to undertake their research projects.
   
   c. Students are guided and prepared by the faculty for selection in campus interviews.
   
   d. The students are also given opportunity and encouraged to participate in National and International Conferences in India and abroad.
   
   e. Students are given an exposure to real life situation by exposing them to Mass Demonstration Training Programme in various educational institutions of Gwalior.
   
   f. Students of the department undergo Internship programme of 45 days in various schools all over the Country.

   **WEAKNESSES OF THE DEPARTMENT**

   a. Need of exchange programme for students and faculty with leading National & International Institutions/Universities.
   
   b. Latest gadgets related to teaching pedagogy in the department are required.
c. Shortage of funding of research projects as the Institute is not covered under UGC 12B, it restricts the faculty to take up of research projects.

d. Department is not been able to invite the experts from abroad due to the lack of policy for recruiting foreign faculty for various short term assignments.

OPPORTUNITIES OF THE DEPARTMENT

a. Students are given opportunity to impart training in different sports and game during the summer coaching camps organized by the Institute during the summer vacation.

b. Students also get an opportunity to organize various inter university / other competitions given by various sports agencies as officials for the tournaments.

c. Students are also given opportunity to organize various workshops, seminars, conferences and symposia from time to time organized by this department.

d. Students are also given opportunity to participate in various community programmes like literary activities, blood donation camps and other social activities.

e. Students are given opportunity to prepare lectures on various topics and deliver them in their theory teaching practice classes.

CHALLENGES OF THE DEPARTMENT

a. There must be collaboration with corporate sectors where students can undertake research work in the area of Physical Education Pedagogy.

b. The students do not get an opportunity to participate in foreign universities in the area of Physical Education Pedagogy other than online.

c. Innovative approach in teaching methodology.

d. Today is an era of interdisciplinary approach, the students should be encouraged to participate in interdisciplinary research so that their area of specialization can be utilized by the students of other disciplines.

52. Future plans of the department:

To start Ph.D., Integrated five year Dual Degree programme, Skill Development Programme and other add-on courses like Soft Skills, Personality Development, Disaster Management etc. in the department.
DEPARTMENT OF EXERCISE PHYSIOLOGY

1. **Name of the Department:**
   Department of Exercise Physiology

2. **Year of establishment:**
   2012

3. **Is the Department part of a School / Faculty of the university:**
   Yes

4. **Name of programmes offered (UG, PG, M.Phil, Ph.D, Integrated Masters; Integrated Ph.D, D.Sc., D.Litt., etc.):**
   Master of Physical Education (Exercise Physiology)

5. **Interdisciplinary programmes and departments involved:**
   The students of this department participate in interdisciplinary programmes organized by other departments of the institute.

6. **Courses in collaboration with other universities, industries, foreign institutions, etc.:**
   N.A.

7. **Details of programmes discontinued, if any, with reason:**
   Nil

8. **Examination System : Annual / Semester / Trimester / Choice Based Credit System:**
   Semester System

9. **Participation of the department in the courses offered by other departments:**
   The students of this department participate in interdisciplinary programmes organized by other departments of the institute.

10. **Number of teaching posts sanctioned, filled and actual (Professors / Associate Professors / Asstt. Professors / others):**
    The Data regarding this is available in the Institute.

    | Number             |
    |-------------------|
    | Professor         | 03 |
    | Associate Professors | -  |
    | Assistant Professor | 03 + 02 (T) |
    | Others            | -  |
### 11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance.

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name</th>
<th>Qualification</th>
<th>Designation</th>
<th>Specialization</th>
<th>No. of the Years of Experience</th>
<th>No. of Ph.D./M.Phil. students guided for the last 4 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Prof. V.K. Srivastava (VKS)</td>
<td>M.P.E., M.Phil., Ph.D.</td>
<td>Professor</td>
<td>Cricket &amp; Exercise Physiology</td>
<td>31 years</td>
<td>04</td>
</tr>
<tr>
<td>2.</td>
<td>Prof. S. Mukherjee (SM)</td>
<td>M.P.E., Ph.D., Diploma in Sports Coaching</td>
<td>Professor</td>
<td>Volleyball &amp; Exercise Physiology</td>
<td>33 years</td>
<td>03</td>
</tr>
<tr>
<td>4.</td>
<td>Dr. Birendra Jhajharia (BJ)</td>
<td>M.P.E., M.Phil., Ph.D.</td>
<td>Asstt. Professor</td>
<td>Basketball &amp; Exercise Physiology</td>
<td>08 years</td>
<td>01</td>
</tr>
<tr>
<td>5.</td>
<td>Dr. P.K. Das (PKD)</td>
<td>M.P.E., M.Phil., Ph.D.</td>
<td>Asstt. Professor</td>
<td>Hockey &amp; Exercise Physiology</td>
<td>07 years &amp; 10 months</td>
<td>02</td>
</tr>
<tr>
<td>6.</td>
<td>Dr. Deepak Sharma (DS)</td>
<td>M.P.E., M.Phil., Ph.D.</td>
<td>Asstt. Professor</td>
<td>Football &amp; Exercise Physiology</td>
<td>10 years</td>
<td>03</td>
</tr>
<tr>
<td>7.</td>
<td>Dr. Manoj Rana (MR)</td>
<td>M.P.Ed., M.Phil., Ph.D.</td>
<td>Asstt. Professor (T)</td>
<td>Judo</td>
<td>06 years</td>
<td>-</td>
</tr>
<tr>
<td>8.</td>
<td>Dr. Praveen Sharma (PS)</td>
<td>M.P.Ed., M.Phil., Ph.D.</td>
<td>Asstt. Professor (T)</td>
<td>Athletics</td>
<td>08 years</td>
<td>-</td>
</tr>
</tbody>
</table>

### 12. List of senior visiting fellows, adjunct faculty, emeritus professors:
- Prof. R.N. Dey, India
- Dr. Eugene Zakharov, Russia
- Dr. Anatoly Skomorokhov, Russia
- Mr. Vinay Verma, India
- Mr. Hans –JorgGrober, Germany
- Mr. Bernd Zimmer, Germany
- Dr. Rastra Aman, India

### 13. Percentage of classes taken by temporary faculty - programme-wise information:
- 20%

### 14. Programme-wise Student Teacher Ratio:
- 4:1

### 15. Number of academic support staff (technical) and administrative staff : sanctioned, filled and actual:
- a. Lab Assistant : 1
- b. Office Assistant : 1
- c. Skilled Work Assistant : 2
16. **Research thrust areas as recognized by major funding agencies:**

Nil

17. **Number of faculty with ongoing projects from (a) National (b) International funding agencies and (c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:**

As the Institute is not covered under UGC 12B, it restricts the faculty to apply for funding of research projects.

18. **Inter-institutional collaborative projects and associated grants received:**

Nil

19. **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received:**

Nil

20. **Research facility / centre with:**

- **State recognition:**
  
  All the facilities of the Research Lab of the Department are also utilized by students of various Universities of the country, Coaching and Sports Organizations of the country.

- **National recognition:**
  
  All the facilities of the Research Lab of the Department are also utilized by various National Agencies like KVS, National Sports Federations.

- **International recognition:**
  
  Yes

21. **Special research laboratories sponsored by / created by industry or corporate bodies:**

Nil

22. **Publications: (In last five years)**

Details of Teaching Faculty members only:

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Detail</th>
<th>VKS</th>
<th>SM</th>
<th>VP</th>
<th>BJ</th>
<th>PKD</th>
<th>DS</th>
<th>MR</th>
<th>PS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Number of papers published in peer reviewed journals (National / International)</td>
<td>5</td>
<td>5</td>
<td>2</td>
<td>3</td>
<td>5</td>
<td>06</td>
<td>03</td>
<td>03</td>
</tr>
<tr>
<td>2.</td>
<td>Monographs</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>3.</td>
<td>Chapters in Books</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>4.</td>
<td>Books with ISBN with details of publishers</td>
<td>2</td>
<td>-</td>
<td>2</td>
<td>-</td>
<td>1</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>5.</td>
<td>Published in Proceedings</td>
<td>4</td>
<td>5</td>
<td>4</td>
<td>8</td>
<td>2</td>
<td>4</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
23. **Details of patents and income generated:**

   Nil

24. **Areas of consultancy and income generated:**

   The faculty and students of this department contribute in the summer coaching camps organized by the Institute and offer consultancy and generate funds.

25. **Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad:**

   - Prof. V.K. Srivastava : NADA New Delhi
   - Prof. S. Mukherjee : NADA New Delhi
   - Prof. Vivek Pandey : NADA New Delhi
   - Dr. Birendra Jhajharia : Budapest, Hungary

26. **Faculty serving in**

   (a) **National committees** :

   - Prof. V.K. Srivastava : NAPESS
   - Prof. Vivek Pandey : SLET, Maharashtra and Uttarakhand
   - Prof. S. Mukherjee : WBPSC, West Bengal

   (b) **International committees** :

   N.A.

   (c) **Editorial Boards** :

   - Prof. V.K. Srivastava : 03 Journals
   - Prof. S. Mukherjee : 03 Journals
   - Prof. Vivek Pandey : 03 Journals
   - Dr. Birendra Jhajharia : 02 Journals
   - Dr. P.K. Das : 02 Journals
   - Dr. Deepak Sharma : 02 Journals

   (d) **Any other (please specify)**

27. **Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs):**

   Yes.

   (i) The faculty of the department attended various programmes of UGC-ASC/HRDC.

   (ii) The faculty of the department rendered services as resource persons in various programmes for the Refresher courses of the CBSE, K.V.S., Tibetan School, B.S.F. personnel, Army School and Navodaya Schools of India organized by the Institute.
28. **Student projects:**

- **Percentage of students who have done in-house projects including inter-departmental projects:**

<table>
<thead>
<tr>
<th>Session</th>
<th>Percentage of Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011-2013</td>
<td>100%</td>
</tr>
<tr>
<td>2012-2014</td>
<td>100%</td>
</tr>
<tr>
<td>2013-2015</td>
<td>100%</td>
</tr>
<tr>
<td>2014-2016</td>
<td>100%</td>
</tr>
</tbody>
</table>

- **Percentage of students doing projects in collaboration with other universities / industry / institute:**

  Nil

29. **Awards / recognitions received at the national and international level by**

<table>
<thead>
<tr>
<th>Faculty</th>
<th>Award Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prof. V.K. Srivastava</td>
<td>• Best Teacher</td>
</tr>
<tr>
<td></td>
<td>• Best Coach</td>
</tr>
<tr>
<td>Prof. S. Mukherjee</td>
<td>• Best Teacher</td>
</tr>
<tr>
<td></td>
<td>• Coached Avnish Kumar Yadav (Volleyball) who represented India in Busan Asian Games</td>
</tr>
<tr>
<td></td>
<td>• Coached Kulwant Singh (Volleyball) who represented India in SAF Games, Pakistan</td>
</tr>
<tr>
<td>Dr. Birendra Jhajharia</td>
<td>• Major Dhyanchand Award for Sports Administrator</td>
</tr>
</tbody>
</table>

30. **Seminars / Conferences / Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.**

<table>
<thead>
<tr>
<th>Name of the Seminar/Workshop</th>
<th>Date</th>
<th>Funding Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Workshop on Laser and Exercise Physiology</td>
<td>02.09.2011 to 03.09.2011</td>
<td>Ministry of Youth Affairs and Sports, Government of India</td>
</tr>
<tr>
<td>National Conference on Exercise Physiology and Sport Sciences</td>
<td>31.01.2013 to 02.02.2013</td>
<td>Ministry of Youth Affairs and Sports, Government of India</td>
</tr>
</tbody>
</table>

31. **Code of ethics for research followed by the departments:**

A workshop on Plagiarism was organized in collaboration with all the departments of the Institute.
32. **Student profile programme-wise:**

<table>
<thead>
<tr>
<th>Name of the Programme (refer to question No. 4)</th>
<th>Applications received</th>
<th>Selected</th>
<th>Pass percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Male</td>
<td>Female</td>
</tr>
<tr>
<td>P.G. First Semester</td>
<td>49</td>
<td>13</td>
<td>04</td>
</tr>
</tbody>
</table>

33. **Diversity of students**

<table>
<thead>
<tr>
<th>Name of the Programme (refer to question No. 4)</th>
<th>% of students from the same university</th>
<th>% of students from other universities within the State</th>
<th>% of students from universities outside the State</th>
<th>% of students from other countries</th>
</tr>
</thead>
<tbody>
<tr>
<td>M.P.Ed.</td>
<td>100</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

34. **How many students have ‘Cleared Civil Services and Defense Services Examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:**

- NET: 17
- JRF: 10

35. **Student progression:**

<table>
<thead>
<tr>
<th>UG to PG</th>
<th>Percentage against enrolled</th>
</tr>
</thead>
<tbody>
<tr>
<td>PG to Integrated M.Phil. Ph.D.</td>
<td>25%</td>
</tr>
<tr>
<td>PG to Ph.D.</td>
<td>20%</td>
</tr>
<tr>
<td>Ph.D. to Post-Doctoral</td>
<td>Nil</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Employed</th>
<th>Percentage against enrolled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Campus selection</td>
<td>30%</td>
</tr>
<tr>
<td>Other than campus recruitment</td>
<td>66%</td>
</tr>
</tbody>
</table>

| Entrepreneurs                            | 4%                          |

36. **Diversity of staff:**

**Percentage of faculty who are graduates**

- Of the same university: 100%
- From other universities within the State: Nil
- From universities from other States: Nil
- From universities outside the country: Nil

37. **Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:**

Nil
38. Present details of departmental infrastructural facilities with regard to
   (a) Library : The students use the Departmental Library as well as the Central Library of the Institute.
   (b) Internet facilities for staff and students : Yes
   (c) Total number of class rooms : 02
   (d) Class rooms with ICT facility : 02
   (e) Students' laboratories : Yes
   (f) Research laboratories : Yes

39. List of doctoral, post-doctoral students and Research Associates:
   (a) From the host institution / university: Nil
   (b) From other institutions / universities: Nil

40. Number of post graduate students getting financial assistance from the university:
   Nil

41. Was any need assessment exercise undertaken before the development of new programmes(s)? If so, highlight the methodology:
   Yes.
   After getting feedback from the students, faculty and all other stakeholders the programmes were evaluated and modifications were made as per recommendations.

42. Does the department obtain feedback from:
   (a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
      Yes
   (b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
      After getting feedback from the students the curriculum and the teaching learning evaluation is done.
   (c) Alumni and employers on the programmes offered and how does the department utilize the feedback?
After getting feedback and all other stakeholders the programmes of the department are assessed and valuable suggestions are incorporated in the programme.

43. **List the distinguished alumni of the department (maximum 10):**

   - Ms. Uma Patel
   - Mr. Narendra Gangwar
   - Mr. Karan Dev
   - Ms. Gayatri Pandey
   - Ms. Akansha Tyagi

44. **Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts:**

    The department organizes various seminars, conferences, workshops and special lectures of various experts in the field.

45. **List the teaching methods adopted by the faculty for different programmes:**

    Lecture Method, Lecture cum demonstration and Power Point Presentation.

46. **How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

    Feedback from alumni, examiners, teachers and all other stakeholders are taken into consideration.

47. **Highlight the participation of students and faculty in extension activities:**

    The students and the faculty participate in summer coaching camps, visit to rural areas, slums, juvenile delinquency homes and organized various rehabilitative sports programme for them.

48. **Give details of "beyond syllabus scholarly activities" of the department:**

    (i) The students of the department are given exposure to visit various Research Laboratories of Gwalior and India to collaborate for the research work with other scientists.

    (ii) Students are given exposure to do research work on various segments of the society in Gwalior.

    (iii) Workshops and extension lectures are organized from time to time for the students by various experts in the field of Exercise Physiology.
49. State whether the programme / department is accredited / graded by other agencies? If yes, give details :

(i) ISO 14001 : 2004 
(ii) OHSAS 18001 : 2007 
(iii) ISO 9001 : 2008

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:

- The departmental laboratory is equipped with the latest research equipments giving opportunities to the scholars for contemporary research.
- Obtaining latest literature in the field of exercise physiology.
- Organizing workshops for the students of the department and other universities for disseminating knowledge.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

**STRENGTH OF THE DEPARTMENT**

a. Department has the laboratory with latest equipments in the field of Exercise Physiology.

b. The programmes included in the curriculum cater to the needs of the students to explore their full potential in the field of Exercise Physiology.

c. Every student is given opportunity to undertake their research projects and are given full support from the department to complete their projects.

d. Every student gets opportunity to be recruited in various organizations after they pass out from the department.

e. The students are also given opportunity and encouraged to participate in National and International Conferences in India and abroad.

**WEAKNESSES OF THE DEPARTMENT**

a. Exchange programme of the students is meager.

b. Paucity of permanent staff restricts the department to start new programmes and increase research activities.

c. Absence of Video conferencing facility in the department restricts interacting with the faculty of foreign universities.

d. As the Institute is not covered under UGC 12B, it restricts the faculty to apply for funding of research projects.
e. In the absence of policy for recruiting foreign faculty for short term assignment, the department not able to invite the expert from abroad.

**OPPORTUNITIES OF THE DEPARTMENT**

a. The department has latest research equipments hence it can organize workshop for the students and faculty of other university.

b. Due to unique status of the Institute, the department is in a better position to provide leadership in the area of exercise physiology.

c. Due to academic freedom of the department, specialized events can be organized.

d. Due to strategic location of the Institute and good connectivity, the department can attract meritorious students from all over the country.

**CHALLENGES OF THE DEPARTMENT**

a. Due to the advent of private universities in India in the area of Physical Education and Sports Sciences, the department faces challenges to keep the pace.

b. Due to scarcity of jobs in the area of exercise physiology, the department faces challenges to train their students as entrepreneurs.

c. No backup for the promotion of sports performance to national teams.

**52. Future plans of the department:**

To start M.Sc., M.Phil. and Ph.D. programmes in the department.
DEPARTMENT OF HEALTH SCIENCES & FITNESS

1. Name of the Department / Centre:
   Department of Health Sciences & Fitness

2. Year of Establishment:
   2012

3. Is the Department part of a School/Faculty of the University?
   Yes

4. Name of programmes offered (UG, PG, M.Phil, Ph.D., Integrated Masters; Integrated Ph.D, D.Sc., D.Litt., etc.) :
   - M.P.Ed. (Health Education)
   - Post Graduate Diploma in Fitness Management
   - Post Graduate Diploma in Yoga Education

5. Interdisciplinary programmes and department involved:
   Yes
   - The Department organizes various certifications, workshops involving the faculty members and students of other departments.
   - Department offers research lab equipment facilities for Ph.D., M.Phil, Master degree and other students.

6. Courses in collaboration with other universities, industries, foreign institutions, etc.:
   No

7. Details of programmes discontinued, if any, with reason:
   NIL

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System:
   - Semester System
   - Annual System

9. Participation of the department in the courses offered by other departments:
   Yes.
   The Department participates in interdisciplinary programme organized by other departments of the institute.

10. Number of teaching posts/sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others):
Designation | No. of Staff
--- | ---
Professor | 02
Associate Professors | 01
Assistant Professor | 02 + 01 (T)
Others | 04

11. Faculty profile with name, qualifications, designation, area of specialization, experience and research under guidance:

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name</th>
<th>Qualification</th>
<th>Designation</th>
<th>Specialization</th>
<th>No. of the Years of Experience</th>
<th>No. of Ph.D./M.Phil. students guided for the last 4 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Prof. Manika Debnath (MD)</td>
<td>BPE, MPE, Ph.D.</td>
<td>Professor</td>
<td>Gymnastics &amp; Health Education</td>
<td>35 years</td>
<td>05</td>
</tr>
<tr>
<td>2.</td>
<td>Prof. L.N. Sarkar (LNS)</td>
<td>BPE, MPE, Ph.D.</td>
<td>Professor</td>
<td>Health Education</td>
<td>30 years</td>
<td>05</td>
</tr>
<tr>
<td>3.</td>
<td>Dr. V.D. Bindal (VDB)</td>
<td>M.A., Diploma in Physiotherapy, Ph.D.</td>
<td>Associate Professor</td>
<td>Physiotherapy</td>
<td>28 years</td>
<td>Nil</td>
</tr>
<tr>
<td>4.</td>
<td>Dr. Anindita Das (AD)</td>
<td>BPEd, MPed, Ph.D.</td>
<td>Assistant Professor</td>
<td>Football</td>
<td>9 years</td>
<td>01</td>
</tr>
<tr>
<td>5.</td>
<td>Dr. Madan Singh Rathore (MSR)</td>
<td>MPed, Ph.D., Diploma in Coaching in Tennis from NIS Patiala</td>
<td>Assistant Professor</td>
<td>Tennis</td>
<td>5 years</td>
<td>01</td>
</tr>
<tr>
<td>6.</td>
<td>Dr. Abhishek Kumar Yadav (AKY)</td>
<td>Ph.D., JRF, M.Phil., M.P.Ed.</td>
<td>Assistant Professor (T)</td>
<td>Gymnastics</td>
<td>3 years</td>
<td>Nil</td>
</tr>
<tr>
<td>7.</td>
<td>Ms. Anusha Tyagi (AT)</td>
<td>Ph.D. (Pursuing), Master in Yoga, P.G. Diploma in Yoga</td>
<td>Yoga Instructor</td>
<td>Yoga</td>
<td>2 year</td>
<td>Nil</td>
</tr>
<tr>
<td>8.</td>
<td>Mr. Himanshu Sharma (HS)</td>
<td>Ph.D. (Pursuing), Master in Yoga</td>
<td>Yoga Instructor (T)</td>
<td>Yoga</td>
<td>2 year</td>
<td>Nil</td>
</tr>
<tr>
<td>9.</td>
<td>Dr. Dileep Rajauria (DR)</td>
<td>Ph.D.</td>
<td>Instructor (T)</td>
<td>Yoga</td>
<td>2 year</td>
<td>Nil</td>
</tr>
<tr>
<td>10.</td>
<td>Dr. Vishwakash Jain (VJ)</td>
<td>M.P.T.</td>
<td>Physiotherapist (T)</td>
<td>Physiotherapy</td>
<td>6 year</td>
<td>Nil</td>
</tr>
</tbody>
</table>

12. List of senior Visiting Fellows, adjunct faculty, emeritus Professors:

- Prof. Indu Mazumdar, Gwalior India
- Mrs. Susan Tremph, Switzerland
- Michal Schelsing, Germany
- Dr. Boyad Nikolay, Bulgaria
- Olivia Brun, Switzerland
- Dr. Shelly Jain, Nutrition & Dietician, Gwalior
13. Percentage of classes taken by temporary faculty – programme-wise information:

<table>
<thead>
<tr>
<th>Programme</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>M.P.Ed.</td>
<td>Nil</td>
</tr>
<tr>
<td>PGDFM</td>
<td>40%</td>
</tr>
<tr>
<td>PGDYE</td>
<td>40%</td>
</tr>
</tbody>
</table>

14. Programme-wise student Teacher Ratio:

<table>
<thead>
<tr>
<th>Programme</th>
<th>Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>M.P.Ed.</td>
<td>6:1</td>
</tr>
<tr>
<td>PGDFM</td>
<td>7:1</td>
</tr>
<tr>
<td>PGDYE</td>
<td>7:1</td>
</tr>
</tbody>
</table>

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:

<table>
<thead>
<tr>
<th>Category</th>
<th>No. of Post</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fitness Trainer</td>
<td>3</td>
</tr>
<tr>
<td>Lab Assistant</td>
<td>1</td>
</tr>
<tr>
<td>Office Assistant</td>
<td>1</td>
</tr>
<tr>
<td>Skilled Work Assistant</td>
<td>5</td>
</tr>
</tbody>
</table>

16. Research thrust areas as recognized by major funding agencies:

NIL

17. Number of faculty with ongoing projects from (a) National (b) International funding agencies and (c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

NIL

18. Inter-institutional collaborative projects and associated grants received:

NIL

19. Department projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc; total grants received.

NIL

20. Research facility / Centre with:

- State recognition : Yes
- National recognition : Yes
- International recognition : Yes


21. Special research laboratories sponsored by/created by industry or corporate bodies:
22. **Publications: (In last five years)**

Details of Teaching Faculty members only:

<table>
<thead>
<tr>
<th>S. NO.</th>
<th>DETAIL</th>
<th>MID</th>
<th>LNS</th>
<th>VDB</th>
<th>AD</th>
<th>MSR</th>
<th>AKY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Number of papers published in paper reviewed journals (National/International)</td>
<td>01</td>
<td>11</td>
<td>06</td>
<td>07</td>
<td>12</td>
<td>06</td>
</tr>
<tr>
<td>2.</td>
<td>Monographs</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>3.</td>
<td>Chapters in Books</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>02</td>
</tr>
<tr>
<td>4.</td>
<td>Books with ISBN with details of Publishers</td>
<td>-</td>
<td>-</td>
<td>01</td>
<td>02</td>
<td>02</td>
<td>-</td>
</tr>
<tr>
<td>5.</td>
<td>Published in Proceedings</td>
<td>05</td>
<td>05</td>
<td>01</td>
<td>12</td>
<td>03</td>
<td>03</td>
</tr>
</tbody>
</table>

23. **Details of patents and income generated:**

NIL

24. **Areas of consultancy and income generated:**

Health & Fitness : Rs. 18 Lakhs Annually (approx.)

25. **Faculty selected nationally/internationally to visit other laboratories/institutions/ industries in India and abroad:**

Prof. Manika Debnath  
GOA University  -  GOA  
Tripura University  -  Tripura  
Pune University  -  Pune

Prof. L.N. Sarkar  
ITM, IPS, IITM, IHM, Gwalior.  
GOA University  -  GOA  
Vishwabharti University  -  West Bengal

26. **Faculty serving in**

**National committees :**

Prof. L.N. Sarkar  
• UGC, New Delhi, Pune, Bengaluru, Bhopal  
• AIU, New Delhi

**International committees :**

NIL

**Editorial Boards:**

Prof. L.N. Sarkar : 03 Journals

**Any other (please specify):**

NIL

27. **Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).**

YES
The faculty of the department attended various programmes of UGC-ASC/HRDC.

The faculty of the department rendered services as resource persons in various programmes for the Refresher courses of the CBSE, K.V.S., Tibetan School, Army School and Navodaya Schools of India organized by the Institute.

The faculty of the department organized special Free Yoga Camp and Aerobics programme for the staff & students and the citizen of greater Gwalior.

28. Student projects:

In House Projects : 100 %
Inter Department Projects : 60%

Percentage of students doing projects in collaboration with other universities/industry/institute:
NIL

29. Award / recognitions received at the national and international level by

- Faculty
  Prof. L.N. Sarkar : Best Teacher
  Dr. Anindita Das : Best Teacher

- Doctoral/post doctoral fellows : NIL

- Students : NIL

30. Seminars/conferences/workshops organized and the source of funding (National/International) with details of outstanding participants, if any. :

<table>
<thead>
<tr>
<th>Name of the Seminar/Workshop</th>
<th>Date</th>
<th>Funding Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>National seminar on fitness, yoga, &amp; rehabilitation theme: latest innovations in fitness, yoga &amp; rehabilitation in the modern era.</td>
<td>18th-20th Feb, 2013</td>
<td>LNIPE, Gwalior under the Ministry of Youth Affairs and Sports, Government of India</td>
</tr>
<tr>
<td>National seminar on fitness &amp; wellness “one india-fit india”</td>
<td>25th-27th Feb. 2014</td>
<td>-</td>
</tr>
<tr>
<td>Interim seminar (for the students by students).</td>
<td>11th April, 2014</td>
<td>-</td>
</tr>
<tr>
<td>Workshop on Kinanthropometry [theme: kinanthropometry and its application in physical education, talent identification &amp; physical training along with photoscopic somatotyping for physical handicapped population].</td>
<td>23rd-25th Feb, 2015</td>
<td>-</td>
</tr>
<tr>
<td>Add-on course–food &amp; nutrition education programme theme: eat healthy stay healthy.</td>
<td>27th Feb to 5th March, 2015</td>
<td>-</td>
</tr>
</tbody>
</table>
31. **Code of ethics for research followed by the departments:**

A workshop on Plagiarism was organized in collaboration with all the departments of the Institute.

32. **Students profile programme-wise:**

<table>
<thead>
<tr>
<th>Name of the programme (refer to question no. 4)</th>
<th>Applications received</th>
<th>Selected</th>
<th>Pass percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Male</td>
<td>Female</td>
</tr>
<tr>
<td>MPED</td>
<td>50</td>
<td>09</td>
<td>07</td>
</tr>
<tr>
<td>PGDFM</td>
<td>30</td>
<td>11</td>
<td>02</td>
</tr>
<tr>
<td>PGDYED</td>
<td>40</td>
<td>17</td>
<td>11</td>
</tr>
</tbody>
</table>

33. **Diversity of students:**

<table>
<thead>
<tr>
<th>Name of the programme (refer to question No.4)</th>
<th>% of students from the same university</th>
<th>% of students from other universities within the state</th>
<th>% of students from universities outside the state</th>
<th>% of students from other countries</th>
</tr>
</thead>
<tbody>
<tr>
<td>MPED</td>
<td>80%</td>
<td>NIL</td>
<td>18%</td>
<td>2%</td>
</tr>
<tr>
<td>PGDFM</td>
<td>53%</td>
<td>30%</td>
<td>17%</td>
<td>0</td>
</tr>
<tr>
<td>PGDYED</td>
<td>55%</td>
<td>25%</td>
<td>20%</td>
<td>0</td>
</tr>
</tbody>
</table>

34. **How many students have ‘cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:**

- JRF : 01
- NET : 04

35. **Students progression:**

<table>
<thead>
<tr>
<th>Students progression</th>
<th>Percentage against enrolled</th>
</tr>
</thead>
<tbody>
<tr>
<td>UG to PG</td>
<td>-</td>
</tr>
<tr>
<td>PG to M.Phil.</td>
<td>9%</td>
</tr>
<tr>
<td>PG to Ph.D.</td>
<td>9%</td>
</tr>
<tr>
<td>Ph.D to Post-Doctoral</td>
<td>-</td>
</tr>
<tr>
<td>Employed</td>
<td></td>
</tr>
<tr>
<td>Campus selection</td>
<td>38%</td>
</tr>
<tr>
<td>Other than campus recruitment</td>
<td>60%</td>
</tr>
<tr>
<td>Entrepreneurs</td>
<td>2%</td>
</tr>
</tbody>
</table>
36. **Diversity of staff:**

<table>
<thead>
<tr>
<th>Percentage of faculty who are graduates</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Of the same university</td>
<td>50%</td>
</tr>
<tr>
<td>From other universities within the State</td>
<td>20%</td>
</tr>
<tr>
<td>From universities from other States</td>
<td>30%</td>
</tr>
<tr>
<td>From universities outside the country</td>
<td>NIL</td>
</tr>
</tbody>
</table>

37. **Number of faculty who were awarded M.Phil, Ph.D., D.SC, and D.Litt. during the assessment period:**

NIL

38. **Present details of department infrastructural facilities with regard to**

a) Library : 02 (01 central and 01 departmental)  
The students use the Departmental Library as well as the Central Library of the Institute.

b) Internet facilities for staff and students: Yes

c) Total number of class rooms : 06

d) Class rooms with ICT facility : All

e) Students’ laboratories : Yes (02)

f) Research laboratories : Yes (01)

39. **List of doctoral, post-doctoral students and Research Associates:**

NIL

40. **Number of post graduate students getting financial assistance from the university:**

NIL

41. **Was any need assessment exercise undertaken before the development of new programmes (s)? if so, highlight the methodology:**

Yes.

- Brain storming with staff within the department.
- Discussion with faculty of other department
- Expert opinion
- Feedback from the stake holders
- Feedback from students & alumni

42. **Does the department obtain feedback from:**
a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
Yes

b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
Yes

c) Alumni and employers on the programmes offered and how does the department utilize the feedback?
Yes

43. List the distinguished alumni of the department (maximum 10):
   - Ms. Zering Sangey
   - Ms. Neha Diwakar

44. Give details of student enrichment programmes (special lectures/workshop/seminar) involving external experts:
   Name of the seminar/workshop
   - National Seminar on Fitness, Yoga, & Rehabilitation [Theme: Latest Innovations in Fitness, Yoga & Rehabilitation in the Modern Era].
   - National Seminar on Fitness & Wellness “ONE INDIA-FIT INDIA”.
   - Add-on Course–Food & Nutrition Education Programme [Theme: Eat Healthy Stay Healthy].
   - Special Classes for Reiki
   - Interim Seminar (For The Students By Students).
   - English Communication Classes
   - Free Medical Checkup Camps

45. List the teaching methods adopted by the faculty for different programmes:
The following teaching methods are utilizing by the faculty members.
   - Lecture Method
   - Demonstration Method
   - Lecture cum Demonstration Method
   - Projects
   - Assignment
   - Use of Multimedia Systems
46. **How does the department ensure that programme objectives are constantly met and learning outcomes are monitored:**

- Feedback from alumni
- Experts
- Examiners
- Teachers, students and other stakeholders.

47. **Highlight the participation of students and faculty in extension activities:**

- Swachh Bharat Abhiyan
- Summer Coaching Camp
- Blood Donation Camp
- Community Extension Programme

48. **Give details of “beyond syllabus scholarly activities” of the department:**

- The students of the department are given exposure to visit various Research Laboratories of Gwalior and India to collaborate for the research work with other scientists.
- Students are given exposure to do research work on various segments of the society in Gwalior.
- Workshops and extension lectures are organized from time to time for the students by various experts.

49. **State whether the programme/department is accredited/graded by other agencies? If yes, give details:**

- ISO 14001 : 2004
- OHSAS 18001 : 2007
- ISO 9001 : 2008

50. **Briefly highlight the contributions of the department in generating new knowledge, basic or applied:**

- The departmental laboratory is equipped with the latest research equipments giving opportunities to the scholars for contemporary research.
- Obtaining latest literature in the field of health sciences & fitness.
- Organizing National, International Seminar and Workshops for the students of the department and other universities for disseminating knowledge.
51. **Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the Department:**

**STRENGTHS OF THE DEPARTMENT**

- Department has the laboratories with latest equipments in the field of Health Sciences & Fitness.
- Every student is given opportunity to undertake the research projects and given full support from the department.
- To prepare highly professional personnel in the area of Health Sciences, Yoga and Fitness Management who can assume the challenges in the global scenario.
- The Department apart from the academic endeavor also caters to the health and fitness issues of the citizens of greater Gwalior.
- The Department improves holistic development of students through knowledge of Health Yoga and Fitness.

**WEAKNESSES OF THE DEPARTMENT**

- As the Institute is not covered under UGC 12B, it restricts the faculty to apply for funding of research projects.
- Paucity of permanent staff restricts the department to start new programmes and increase research activities.
- In the absence of policy for recruiting foreign faculty for short term assignment, the department not able to invite the expert from abroad.
- Exchange programme of the students is meager.

**OPPORTUNITIES OF THE DEPARTMENT**

- The department has latest research equipments hence it can organize workshop for the students and faculty of the Institute and other universities.
- Courses offered by the Department are job oriented.
- Students also get an opportunity to organize various inter university / other competitions given by various sports agencies as officials for the tournaments.
- Students are also given opportunity to participate in various community programmes like literary activities, blood donation camps and other social activities.
- Due to academic freedom of the department, specialized events can be organized.
CHALLENGES OF THE DEPARTMENT

- Due to opening of private universities in India in the area of Fitness and Management the department faces challenges to keep the pace.
- No backup for the promotion of sports performance to national teams.
- Today is an era of interdisciplinary approach; the students should excel in every field in their area of specialization for job.

52. Future plans of the department:

(i) M.Phil and Ph.D. Programme
(ii) Diploma in Physiotherapy
THE DEPARTMENT OF SPORTS BIOMECHANICS

1. **Name of the Department:**
   Department of Sports Biomechanics

2. **Year of establishment:**
   2012

3. **Is the Department part of a School / Faculty of the university:**
   Yes

4. **Name of programmes offered (UG, PG, M.Phil., Ph.D. Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):**
   Master of Physical Education (Sports Biomechanics)

5. **Interdisciplinary programmes and departments involved:**
   The students of this department participate in interdisciplinary programmes organized by other departments of the institute.

6. **Courses in collaboration with other universities, industries, foreign institutions, etc.:**
   N.A

7. **Details of programmes discontinued, if any, with reason:**
   Nil

8. **Examination system: Annual/ Semester/ Trimester/ Choice Based Credit System:**
   Semester System

9. **Participation of the department in the courses offered by other departments:**
   The students of this department participate in interdisciplinary programmes organized by other departments of the institute.

10. **Number of teaching posts sanctioned, filled and actual (professors/ Associate Professors/ Asst. Professors/ others):**
    The Data regarding this is available in the Institute.

    |                      | Number |
    |----------------------|--------|
    | Professor            | 03     |
    | Associate Professors | -      |
    | Assistant Professor  | 04 + 04 (T) |
    | Others               | -      |
11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name</th>
<th>Qualification</th>
<th>Designation</th>
<th>Specialization</th>
<th>No. of the Years of Experience</th>
<th>No. of Ph.D./M.Phil. students guided for the last 4 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dr. Ramesh Pal (RP)</td>
<td>Ph.D., D.Sc. Diploma in Coaching Athletics</td>
<td>Professor</td>
<td>Sports Biomechanics &amp; Athletics</td>
<td>36 years</td>
<td>06</td>
</tr>
<tr>
<td>2</td>
<td>Dr. A.S. Sajwan (ASS)</td>
<td>M.Phil., Ph.D., Diploma in Sports Coaching (Athletics), LL.B.</td>
<td>Professor</td>
<td>Sports Biomechanics &amp; Athletics</td>
<td>32 years</td>
<td>07 Ph.D. and 03 M.Phil.</td>
</tr>
<tr>
<td>3</td>
<td>Dr. G.D. Ghai* (GDG)</td>
<td>M.Sc. (P.E.), M.Phil., Ph.D., Diploma in Sports Coaching/Gymnastics</td>
<td>Professor</td>
<td>Sports Biomechanics &amp; Gymnastics</td>
<td>25 years</td>
<td>05</td>
</tr>
<tr>
<td>4</td>
<td>Dr. Vinita Bajpai Mishra (VBM)</td>
<td>M.Phil., Ph.D.</td>
<td>Assistant Professor</td>
<td>Sports Biomechanics &amp; Swimming</td>
<td>14 years</td>
<td>01</td>
</tr>
<tr>
<td>5</td>
<td>Dr. Y.S. Rajpoot (YSR)</td>
<td>M.Phil., Ph.D.</td>
<td>Assistant Professor</td>
<td>Sports Biomechanics &amp; Hockey</td>
<td>8 years</td>
<td>02 Ph.D. and 01 M.Phil.</td>
</tr>
<tr>
<td>6</td>
<td>Dr. Amar Kumar (AK)</td>
<td>M.Phil., Ph.D.</td>
<td>Assistant Professor</td>
<td>Biomechanics/Volleyball</td>
<td>5 years</td>
<td>Nil</td>
</tr>
<tr>
<td>7</td>
<td>Dr. Ashish Phulkar (AP)</td>
<td>M.P.Ed., Ph.D.</td>
<td>Assistant Professor</td>
<td>Biomechanics/Track &amp; Field</td>
<td>14 years</td>
<td>02</td>
</tr>
<tr>
<td>8</td>
<td>Dr. Rahul Kanjojya (RK)</td>
<td>M.P.Ed., Ph.D.</td>
<td>Assistant Professor (T)</td>
<td>Hockey</td>
<td>8 yrs</td>
<td>Nil</td>
</tr>
<tr>
<td>9</td>
<td>Mr. Mukesh Narwariya (MN)</td>
<td>M.P.Ed., NET,</td>
<td>Assistant Professor (T)</td>
<td>Weightlifting</td>
<td>4 yrs</td>
<td>Nil</td>
</tr>
<tr>
<td>10</td>
<td>Dr. Gaurav Sanotra (GS)</td>
<td>M.P.Ed., Ph.D., NET</td>
<td>Assistant Professor (T)</td>
<td>Judo</td>
<td>4 yrs</td>
<td>Nil</td>
</tr>
<tr>
<td>11</td>
<td>Mr. Shailendra Barange (SB)</td>
<td>M.P.Ed.</td>
<td>Assistant Professor (T)</td>
<td>Volleyball</td>
<td>2 yrs</td>
<td>Nil</td>
</tr>
</tbody>
</table>

* Prof. G.D. Ghai also given additional responsibility for Director, Centre for Sports Coaching and Management since 2015.

12. List of senior visiting Fellows, adjunct faculty, emeritus Professors:
- Prof. S.R. Bhowmik, University of Kalyani (W.B.)
- Dr. Dhananjay Shaw, University of Delhi
- Prof. Ajay Sahani, D.A.V. Indore (M.P.)
- Prof. Ikram Hussain, Aligarh Muslim University Aligarh (U.P.)
- Dr. Olivier Girard, Switzerland
- Dr. Valentina Camomilla, Italy
- Prof. (Dr.) Pargaonkar G.V. Rao
13. Percentage of classes taken by temporary faculty – programme-wise information:

10%

14. Programme-wise Student Teacher Ratio:

4: 1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:

- Lab Assistant : 01
- Office Assistant : 01
- Skilled Labour : 01

16. Research thrust areas as recognized by major funding agencies:

Nil

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:

Nil

18. Inter-institutional collaborative projects and associated grants received:

Nil

19. Departmental projects funded by DST-FIST; UGC-SAP, DPE; DBT, ICSSR, AICTEE, etc.; total grants received.

Nil

20. Research facility/ centre with

- State recognition
  All the facilities of the Research Lab of the Department are also utilized by various state agencies.

- National recognition
  All the facilities of the Research Lab of the Department are also utilized by various national agencies.

- International recognition:
  Yes
21. **Special research laboratories sponsored by/ created by industry or corporate bodies:**

Nil

22. **Publications: (In last five years)**

Details of Teaching Faculty members only:

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Detail</th>
<th>ASS</th>
<th>RP</th>
<th>GDG</th>
<th>VBM</th>
<th>YSR</th>
<th>AK</th>
<th>AP</th>
<th>RK</th>
<th>MN</th>
<th>GS</th>
<th>SB</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Number of papers published in peer reviewed journals (National / International)</td>
<td>13</td>
<td>04</td>
<td>12</td>
<td>13</td>
<td>17</td>
<td>16</td>
<td>08</td>
<td>08</td>
<td>04</td>
<td>04</td>
<td>02</td>
</tr>
<tr>
<td>2.</td>
<td>Monographs</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>3.</td>
<td>Chapters in Books</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>4.</td>
<td>Books with ISBN with details of publishers</td>
<td>03</td>
<td>-</td>
<td>04</td>
<td>-</td>
<td>07</td>
<td>04</td>
<td>02</td>
<td>02</td>
<td>01</td>
<td>01</td>
<td>01</td>
</tr>
<tr>
<td>5.</td>
<td>Published in Proceedings</td>
<td>05</td>
<td>-</td>
<td>04</td>
<td>02</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

23. **Details of patents and income generated:**

Nil

24. **Areas of consultancy and income generated:**

Nil

25. **Faculty selected nationally/ internationally to visit other laboratories/ institutions/ industries in India and abroad:**

Prof. G.D. Ghai visited Loughborough University, UK.

26. **Faculty serving in**

**National committees**

- **Prof. A.S. Sajwan**: Athletic Federation of India (AFl)- Level 1 Chairman- Examination Committee (M.P.) Official ,Common Wealth Games Expert, Uttrakhand Public Service Commission Member, SLET Maharashtra Secretary-Gwalior Corporation Athletics Association Major in NCC (Army Wing)

- **Prof. Ramesh Pal**: Member selection committee Athletics World University games

- **Prof. G. D. Ghai**: Member, SLET Uttrakhand

- **Dr. Vinita Bajpai Mishra**: SPAI (Sports Psychology Association of India)
<table>
<thead>
<tr>
<th>Name</th>
<th>Role and Responsibilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Y.S Rajpoot</td>
<td>Squash Racquet Federation of India (Level-2 Official) Hockey India (Technical Official)</td>
</tr>
<tr>
<td>Dr. Amar Kumar</td>
<td>Volleyball Federation of India (Level-1)</td>
</tr>
<tr>
<td><strong>International committees</strong></td>
<td></td>
</tr>
<tr>
<td>Prof. A.S. Sajwan</td>
<td>Member of World Academic of Science, Engineering and Technology.</td>
</tr>
<tr>
<td>Prof. Ramesh Pal</td>
<td>Member Research Board of Advisors of the American Biographical Institute Raleigh,</td>
</tr>
<tr>
<td><strong>Editorial Boards</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ii. Member, Scientific Advisory Board of reviewer of National Journal of Physical</td>
</tr>
<tr>
<td></td>
<td>Education and Sports Sciences.</td>
</tr>
<tr>
<td>Prof. Ramesh Pal</td>
<td>i. Member, Editorial Advisory Board, Journal of Educational Chronicle, an International</td>
</tr>
<tr>
<td></td>
<td>ii. Member, Advisory Board, Multilateral Research Journal, AMASS Bilingual and Biannual,</td>
</tr>
<tr>
<td></td>
<td>Varanasi (U.P.)</td>
</tr>
<tr>
<td></td>
<td>iii. Member, Advisory Board, Journal of Physical Education &amp; Sports Wellness, JNV Jodhpur</td>
</tr>
<tr>
<td>Prof. G. D. Ghai</td>
<td>Chief Editor, Indian Journal of Physical Education Sports Medicine &amp; Exercise Science, LNIPE, Gwalior.</td>
</tr>
<tr>
<td>Dr. Amar Kumar</td>
<td>i. Member, Editorial Board, Indian Journal of Physical Education Sports Medicine &amp; Exercise</td>
</tr>
<tr>
<td></td>
<td>Science, LNIPE, Gwalior.</td>
</tr>
<tr>
<td></td>
<td>ii. Member, Editorial Board International Journal of Education, Institute of Professional</td>
</tr>
<tr>
<td></td>
<td>Studies, Gwalior (M.P.) India.</td>
</tr>
</tbody>
</table>

**Any other (please specify)**

NIL
27. Faculty recharging strategies (UGC, ASC, Refresher/ orientation programs, workshops, training programs and similar programs):
   The faculty of the department are encouraged to attend the academic courses run by various organization including UGC-ASC/HRDC.

28. Student projects
   • Percentage of students who have done in-house projects including inter-departmental projects:
     
     | Session     | Percentage of Students |
     |-------------|------------------------|
     | 2011-2012   | 100%                   |
     | 2012-2013   | 100%                   |
     | 2013-2014   | 100%                   |
     | 2014-2015   | 100%                   |

   • Percentage of students doing projects in collaboration with other universities/ industry/ institute: Nil

29. Awards/ recognitions received at the national and international level by
   • Faculty
     (i) Prof. Ramesh Pal Award Received
        Best Teacher
        Best Coach
     (ii) Dr. Amar Kumar Best Teacher
     (iii) Dr. Y.S Rajpoot Major Dhyanchand Award for Sports Administrator

   • Doctoral/ post doctoral fellows
     Prof. Ramesh Pal Doctor of Science, USSR

   • Students: Nil

30. Seminars/ Conferences/ Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any:

<table>
<thead>
<tr>
<th>Name of the Seminar/Workshop</th>
<th>Date</th>
<th>Funding Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seminar on Sports Biomechanics</td>
<td>13th July 2015</td>
<td>LNIPE ,Gwalior</td>
</tr>
<tr>
<td>National Conference on Scientific Innovation in Sports Biomechanics</td>
<td>24-26th Feb,2016</td>
<td>Ministry of Youth Affairs and Sports, Government of India</td>
</tr>
</tbody>
</table>

31. Code of ethics for research followed by the departments: Nil
32. **Student profile programme-wise:**

<table>
<thead>
<tr>
<th>Name of the Programme (refer to question no. 4)</th>
<th>Applications received</th>
<th>Selected Male</th>
<th>Selected Female</th>
<th>Pass percentage Male</th>
<th>Pass percentage Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>P.G. First Semester</td>
<td>50</td>
<td>12</td>
<td>04</td>
<td>100</td>
<td>100</td>
</tr>
</tbody>
</table>

33. **Diversity of students**

<table>
<thead>
<tr>
<th>Name of the Programme (refer to question no. 4)</th>
<th>% of students from the same university</th>
<th>% of students from other universities within the State</th>
<th>% of students from universities outside the State</th>
<th>% of students from other countries</th>
</tr>
</thead>
<tbody>
<tr>
<td>P.G. First Semester</td>
<td>80</td>
<td>10</td>
<td>10</td>
<td>NIL</td>
</tr>
<tr>
<td>P.G. Third Semester</td>
<td>90</td>
<td>5</td>
<td>5</td>
<td>NIL</td>
</tr>
</tbody>
</table>

34. **How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:**

<table>
<thead>
<tr>
<th>Year</th>
<th>NET</th>
<th>JRF</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011-2012</td>
<td>09</td>
<td>02</td>
</tr>
<tr>
<td>2012-2013</td>
<td>05</td>
<td>07</td>
</tr>
<tr>
<td>2013-2014</td>
<td>08</td>
<td>02</td>
</tr>
<tr>
<td>2014-2015</td>
<td>03</td>
<td>00</td>
</tr>
</tbody>
</table>

35. **Students progression:**

<table>
<thead>
<tr>
<th>Student progression</th>
<th>Percentage against enrolled</th>
</tr>
</thead>
<tbody>
<tr>
<td>UG to PG</td>
<td>-</td>
</tr>
<tr>
<td>PG to M.Phil</td>
<td>30%</td>
</tr>
<tr>
<td>PG to Ph.D.</td>
<td>20%</td>
</tr>
<tr>
<td>Ph.D. to Post-Doctoral</td>
<td>Nil</td>
</tr>
<tr>
<td>Employed</td>
<td></td>
</tr>
<tr>
<td>Campus selection</td>
<td>28%</td>
</tr>
<tr>
<td>Other than campus recruitment</td>
<td>67%</td>
</tr>
<tr>
<td>Entrepreneurs</td>
<td>5%</td>
</tr>
</tbody>
</table>

36. **Diversity of Staff**

<table>
<thead>
<tr>
<th>Percentage of faculty who are graduates</th>
<th>Percentage against Appointed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Of the same university</td>
<td>90%</td>
</tr>
<tr>
<td>From other universities within the State</td>
<td>10%</td>
</tr>
<tr>
<td>From universities from other States</td>
<td>-</td>
</tr>
<tr>
<td>From universities outside the country</td>
<td>Nil</td>
</tr>
</tbody>
</table>

37. **Number of faculty who were awarded M.Phil., Ph.D. D.Sc. and D.Litt. during the assessment period:**

Nil
38. **Present details to departmental infrastructural facilities with regard to**

- Library: 02 (01 central and 01 departmental)
  The students use the Departmental Library as well as the Central Library of the Institute.
- Internet facilities for staff and students: Yes
- Total number of class rooms: 02
- Class rooms with ICT facility: 02
- Students’ laboratories: Yes
- Research laboratories: Yes

39. **List of doctoral, post-doctoral students and Research Associates:**

N.A.

a) From the host institution/university - NIL
b) From other institutions/universities – NIL

40. **Number of post graduate students getting financial assistance from the university:**

Nil

41. **Was any need assessment exercise undertaken before the development of new programmes(s)? if so, highlight the methodology:**

Yes.
After getting feedback from the students, faculty and all other stakeholders.

42. **Does the department obtain feedback from:**

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback:

Yes.
Curriculum is revised regularly on the basis of feedback received from faculty and external examiners.

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback:

Yes.
Action is taken on the basis of students on staff, curriculum and teaching-learning-evolution.

c. Alumni and employers on the programmes offered and how does the department utilize the feedback:

Yes.
Feedback from alumni and employers received in the departments is a regularly scrutinized.

43. **List the distinguished alumni of the department (maximum 10):**

- Renu Kumari
- Banarasi Saran
- Jean Melanie Vincent Haymo
- Amritashish Bagachi
- Hemchand Joshi
- Shiny Raizada
- Sheetal Savita
- Prakhar Rathore

44. **Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts:**

The department organizes various seminars, conferences, workshops and special lectures of various experts in the field.

45. **List the teaching methods adopted by the faculty for different programmes:**

Lecture Method, Lecture Cum demonstration, Group Projects, Power Point Presentation,

46. **How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

Feedback from alumni, examiners, teachers and all other stakeholders.

47. **Highlight the participation of students and faculty in extension activities:**

The students and faculty participate in
- Summer coaching camps organized by the Institute.
- Institute Team Coaching
- Coaching Army Personnel’s
- Swachh Bharat Abhiyaan
- Community Extension Programme

48. **Give details of “beyond syllabus scholarly activities” of the department.**

- The students of the department are given exposure to visit various Research Laboratories of Gwalior and India to collaborate the research work with other scientists.
- Students are given exposure to do research work on various segments of the society in Gwalior.
• Workshops and extension lectures are organized from time to time for the students by various experts in the field of Sports Biomechanics.

49. **State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.**

- ISO 14001 : 2004
- OHSAS 18001 : 2007
- ISO 9001 : 2008

50. **Briefly highlight the contributions of the department in generating new knowledge, basic or applied:**

- The departmental laboratory is equipped with the latest research equipments giving opportunities to the scholars for contemporary research.
- Obtaining latest literature in the field of Sports Biomechanics
- Organizing workshops for the students of the department and other universities for disseminating knowledge.

51. **Details five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:**

**STRENGTH OF THE DEPARTMENT**

a. Department has three full time professors hence, it is in the better position to initiate research on different specialized areas.

b. Well equipped laboratory with latest equipments in the field of Sports Biomechanics.


d. Students and Staff are given opportunity and encouraged to participate in National and International Conferences.

**WEAKNESSES OF THE DEPARTMENT**

a. Lack of National and International exposure for students and staff.

b. There should be inter university exchange programme of the students and the faculty for unfolding their potentials by participating in collaborative research programmes.

c. Shortage of visiting faculty and technical staff in the department.
OPPORTUNITIES OF THE DEPARTMENT

a. The Department can work in collaboration with National Federations and Associations for the betterment of Indian Sports.

b. We can emerge as Centre of Excellence in Sports Biomechanics in the Country.

c. Possibility to provide technical support to the national and International Sports leagues.


CHALLENGES OF THE DEPARTMENT

a. Employability opportunities in the specialized field

b. Opportunities for international collaboration

52. Future plans of the department:

- M.Sc. in Sports Bio-Mechanics
- Certificate, Short term Courses and Diploma in Sports Biomechanics
- Integrated Dual Degree Courses
- Ph.D. programmes
- Exclusive Journal on Sports Biomechanics
THE DEPARTMENT OF SPORTS PSYCHOLOGY

1. **Name of the Department:**
   Department of Sport Psychology

2. **Year of Establishment:**
   2012

3. **Is the Department part of a School/Faculty of the University?**
   Yes.
   It is the part of the Institute

4. **Name of Programmes offered (UG, PG, M.Phil, Ph.D., Integrated Masters, Integrated Ph.D., D.Sc. D.Litt., etc.):**
   Master of Physical Education

5. **Interdisciplinary programmes and departments involved:**
   Yes

6. **Courses in collaboration with other universities, industries, foreign institutions, etc.:**
   NIL

7. **Details of programmes discontinued, if any with reason:**
   NIL

8. **Examination System : Annual/Semester/Trimester/Choice Based Credit System:**
   Semester

9. **Participation of the Department in the courses offered by other departments:**
   Yes.
   The faculty as well as the students participates in the programmes organized / offered by other Departments and Centers from time to time (e.g, Certificate courses/Clinics by Federations & other organization.)

10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others):**

    |            | Number  |
    |------------|---------|
    | Professor  | 03      |
    | Associate Professor | -      |
    | Assistant Professor | 05 + 01 (T) |
11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name</th>
<th>Qualification</th>
<th>Designation</th>
<th>Specialization</th>
<th>No. of the Years of Experience</th>
<th>No. of Ph.D./M.Phil. students guided for the last 4 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Prof. J. P. Verma* (JPV)</td>
<td>MSc.(Statistics) Ph.D. MA(Psychology) MCA</td>
<td>Professor</td>
<td>Sports Statistics</td>
<td>34 years</td>
<td>04</td>
</tr>
<tr>
<td>2.</td>
<td>Prof. Jayashree Acharya (JA)</td>
<td>Ph.D. M.Phil., M.A (Physical Education), B.P.Ed.</td>
<td>Professor &amp; Head of the Department</td>
<td>Sport Psychology &amp; Badminton</td>
<td>28 years</td>
<td>Ph.D. - 10</td>
</tr>
<tr>
<td>3.</td>
<td>Dr. B. Basumatar y** (BB)</td>
<td>M.P.Ed.,</td>
<td>Professor</td>
<td>Sport Psychology &amp; Judo</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td>Dr. J.P. Bhukar (JPB)</td>
<td>MPE, M.Phil, PhD, UGC (NET), Diploma in Mechanical Engineering, ICC Diploma in Track &amp; Field</td>
<td>Assistant Professor</td>
<td>Sport Psychology &amp; Track &amp; Field</td>
<td>9 years</td>
<td>Co-Guide in M.Phil - 1</td>
</tr>
<tr>
<td>5.</td>
<td>Dr. Nibu R. Krishna (NRK)</td>
<td>BPE, MPE, M.Phil, PhD, UGC (NET) DVEd, ICC Diploma in General Conditioning</td>
<td>Assistant Professor</td>
<td>Sport Psychology &amp; Yoga</td>
<td>9 years</td>
<td>Co-guide in Ph.D. – 2</td>
</tr>
<tr>
<td>6.</td>
<td>Mr. Thefukole Phunyu** (TP)</td>
<td>BPE, MPE, NET</td>
<td>Assistant Professor</td>
<td>Sport Psychology &amp; Football</td>
<td>4 years</td>
<td>Nil</td>
</tr>
<tr>
<td>7.</td>
<td>Dr. Bharat Verma (BV)</td>
<td>B.P.Ed., M.P.Ed., Ph.D.</td>
<td>Assistant Professor</td>
<td>Sport Psychology &amp; Cricket</td>
<td>14 years</td>
<td>Nil</td>
</tr>
<tr>
<td>8.</td>
<td>Dr. Dilip Tirkey (DT)</td>
<td>B.P.Ed., M.P.Ed., Ph.D.</td>
<td>Assistant Professor</td>
<td>Sport Psychology &amp; Athletics</td>
<td>14 years</td>
<td>Nil</td>
</tr>
<tr>
<td>9.</td>
<td>Mr. Vipin Dubey (VD)</td>
<td>B.P.Ed., M.P.Ed., NET</td>
<td>Assistant Professor (T)</td>
<td>Sports Psychology &amp; Badminton</td>
<td>2 years</td>
<td>Nil</td>
</tr>
</tbody>
</table>

* Prof. J.P. Verma also given additional responsibility for Director, Centre of Advanced Studies since 2013.
** Transferred to LNIPE, NERC, Guwahati.

12. List of senior visiting Fellows, adjunct faculty, emeritus professor:

- Prof. Avinash Sidhu
- Prof. M.L. Kamlesh
- Dr. Shailaja Mohan
- Dr. Anuradha Solanki
- Dr. Anil R.

13. Percentage of classes taken by temporary faculty - programme wise information:

Nil
14. **Programme-wise Student Teacher Ratio :**
   6:1

15. **Number of academic support staff (technical) and administrative staff sanctioned, filled and actual:**
   - Lab Assistant : 1
   - Office Assistant: 1
   - Skilled Work Assistant :1

16. **Research thrust areas as recognized by major funding agencies:**
    Nil

17. **Number of faculty with ongoing projects from:**
   (a) **National** : One
   (b) **International Funding Agencies and**
   (c) **Total grants received.**
   Give the names of the funding agencies, project title and grants received project-wise.

   Project funded by Ministry of Youth Affairs & Sports, Govt. of India to Prof. J.P. Verma.
   **Ongoing**
   **Topic:** A Study on Identification of Sports Talent and Development of Test Battery for Identifying Athletes in four different sports.
   **Total Funding:** Rs. 35,30,000/- (Thirty five lacks and thirty thousand only)

18. **Inter-Institutional collaborative projects and associated grants received:**
   (a) **National Collaboration** : Nil
   (b) **International Collaboration** : Nil

19. **Department projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE etc; total grants received:**
    Nil

20. **Research facility/centre with**
   - **State recognition**
   - **National recognition**
     - Patent received by the Govt. of India on Fitness Watch to Prof. J. P. Verma
     - All the facilities of the Research Lab of the Department are also utilized by various State and National Agencies.
• **International recognition:**
  Qatar University invited Prof. J. P. Verma to act as lead speaker in the Global Training on Research Designs and Data Analysis for Empirical Researchers during 17-18 February 2016 organized by Qatar University Doha in which 50 participants from 10 different countries participated.

21. **Special research laboratories sponsored by/created by industry or corporate bodies:**
Nil

22. **Publications : (In last five years)**
Details of Teaching Faculty members only:

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Detail</th>
<th>JA</th>
<th>JPV</th>
<th>BB</th>
<th>JPB</th>
<th>NRK</th>
<th>TP</th>
<th>BV</th>
<th>DT</th>
<th>VD</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Number of papers published in peer reviewed journals</td>
<td>04</td>
<td>10</td>
<td>11</td>
<td>12</td>
<td>06</td>
<td>03</td>
<td>05</td>
<td>03</td>
<td>01</td>
</tr>
<tr>
<td></td>
<td>(National / International)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>Monographs</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>3.</td>
<td>Chapters in Book</td>
<td>02</td>
<td>01</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>4.</td>
<td>Books with ISBN with details of publishers</td>
<td>-</td>
<td>08</td>
<td>02</td>
<td>02</td>
<td>01</td>
<td>-</td>
<td>01</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>5.</td>
<td>Published in Proceedings</td>
<td>15</td>
<td>-</td>
<td>03</td>
<td>03</td>
<td>-</td>
<td>01</td>
<td>-</td>
<td>-</td>
<td>01</td>
</tr>
<tr>
<td>6.</td>
<td>Citation Index</td>
<td>09</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>7.</td>
<td>h-index</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

23. **Details of patents and income generated :**
Nil

24. **Areas of consultancy and income generated:**
Nil

25. **Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad:**
Dr. J.P. Verma : Qatar University
Dr. Jayashree Acharya : Taipei, Taiwan; Korea Institute of Sport Science (KISS); Seoul National University, Seoul; Mokpo University, Korea; Glasgow, Scotland, London Olympic Games, National Olympic Centre, Tokyo, University of Sport Science, Bern, Luassne Olympic Museum, Switzerland
Dr. J.P. Bhukar : Taipei, Taiwan; Budapest, Hungary
Dr. Nibu R. Krishna : Budapest, Hungary
26. Faculty serving in

National committees:
- Prof. J.P. Verma : NAPESS
- Prof. Jayashree Acharya : NCERT, SLET, Maharashtra, SPAI
- Dr. J.P. Bhukar : SPAI
- Dr. Nibu R. Krishna : SPAI

International committees:
- Prof. Jayashree Acharya : ASPASP EXECUTIVE MEMBER, IACSS
- Prof. J.P. Verma : Member of the Organizing committee of the Global Training on Research Designs and Data Analysis for Empirical Researchers during 17-18 February 2016 organized by Qatar University Doha.

Editorial Boards:
- Prof. J.P. Verma : 02 Journals
- Prof. Jayashree Acharya : 03 Journals
- Dr. J.P. Bhukar : 01 Journal
- Dr. Nibu R. Krishna : 01 Journal

Any other (please specify)
Nil

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs):
Yes.
- The faculty of the department attended various programmes of UGC-ASC/HRDC.
- The faculty of the department rendered services as resource persons in various programmes for the Refresher courses of the CBSE, K.V.S., Tibetan School, B.S.F. personnel, Army School and Navodaya Schools of India organized by the Institute.
28. Student projects:

- **Percentage of students who have done in-house projects including inter-departmental projects:**

<table>
<thead>
<tr>
<th>Session</th>
<th>Percentage of Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011-2013</td>
<td>100%</td>
</tr>
<tr>
<td>2012-2014</td>
<td>100%</td>
</tr>
<tr>
<td>2013-2015</td>
<td>100%</td>
</tr>
<tr>
<td>2014-2016</td>
<td>100%</td>
</tr>
</tbody>
</table>

- **Percentage of students doing projects in collaboration with other universities / industry / institute:**

  Nil

29. Awards / recognitions received at the national and international level by

- Faculty
  
  - Prof. J.P. Verma: Best Teacher, Author of the Year
  
  - Prof. Jayashree Acharya: Major Dhyanchand Award for Sports Administrator

30. Seminars / Conferences / Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

<table>
<thead>
<tr>
<th>Name of the Seminar/Workshop</th>
<th>Date</th>
<th>Funding Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Workshop in Sport Psychometry</td>
<td>March 11-17, 2013</td>
<td>Institution Funding and Delegation fee</td>
</tr>
<tr>
<td>National Workshop on Research Report &amp; Thesis Writing in Sports Sciences</td>
<td>September 16-18, 2014</td>
<td>Institution Funding and Delegation fee</td>
</tr>
<tr>
<td>Badminton Clinic for Officiating in Badminton</td>
<td>October 11th &amp; 16th 2015</td>
<td>Institution Funding</td>
</tr>
</tbody>
</table>

31. Code of ethics for research followed by the departments:

- The department has procured Turnitin Software for checking Plagiarism in student's research. The thesis of the Dept has been checked through this and a certificate is attached in the candidate's thesis.
- Prior consent from for various organizations, subjects etc. are obtained before to taking up any research.
- Certification with regard to original work is being endorsed by the Department
• A workshop was organized in the Department to train the Faculty and Students to get training in "Turnitin" Software.

32. **Student profile programme wise:**

<table>
<thead>
<tr>
<th>Name of the Programme (refer to question no. 4)</th>
<th>Applications received</th>
<th>Selected</th>
<th>Pass percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Male</td>
<td>Female</td>
</tr>
<tr>
<td>M.P.Ed. (2011-12)</td>
<td>43</td>
<td>15</td>
<td>3</td>
</tr>
<tr>
<td>M.P.Ed. (2012-13)</td>
<td>45</td>
<td>8</td>
<td>7</td>
</tr>
<tr>
<td>M.P.Ed. (2013-14)</td>
<td>51</td>
<td>10</td>
<td>5</td>
</tr>
<tr>
<td>M.P.Ed. (2014-15)</td>
<td>39</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>M.P.Ed. (2015-16)</td>
<td>47</td>
<td>9</td>
<td>7</td>
</tr>
</tbody>
</table>

33. **Diversity of Students :**

<table>
<thead>
<tr>
<th>Name of the Programme (refer to question no. 4)</th>
<th>% of students from the same university</th>
<th>% of students from other universities within the state</th>
<th>% of students from universities outside the State</th>
<th>% of students from other countries</th>
</tr>
</thead>
<tbody>
<tr>
<td>M.P.Ed.</td>
<td>80%</td>
<td>NIL</td>
<td>18%</td>
<td>2%</td>
</tr>
</tbody>
</table>

34. **How many students have 'cleared Civil Services and Defense Services examinations, JRF, NET, SET, GATE, and other competitive examinations? Give details category-wise. :**

- JRF : 8
- NET : 25

35. **Student progression:**

<table>
<thead>
<tr>
<th>Student progression</th>
<th>Percentage against enrolled</th>
</tr>
</thead>
<tbody>
<tr>
<td>UG to PG</td>
<td>-</td>
</tr>
<tr>
<td>PG to Integrated M.Phil. Ph.D.</td>
<td>30%</td>
</tr>
<tr>
<td>PG to Ph.D.</td>
<td>40%</td>
</tr>
<tr>
<td>Ph.D. to Post-Doctoral</td>
<td>Nil</td>
</tr>
<tr>
<td>Employed</td>
<td></td>
</tr>
<tr>
<td>• Campus selection</td>
<td>20%</td>
</tr>
<tr>
<td>• Other than campus recruitment</td>
<td>80%</td>
</tr>
<tr>
<td>Entrepreneurs</td>
<td>Nil</td>
</tr>
</tbody>
</table>

36. **Diversity of Staff:**

<table>
<thead>
<tr>
<th>Percentage of faculty who are graduates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Of the same university</td>
</tr>
<tr>
<td>From other universities within the State</td>
</tr>
<tr>
<td>From universities from other States</td>
</tr>
<tr>
<td>From universities outside the country</td>
</tr>
</tbody>
</table>
37. **Number of faculty who were awarded M.Phil, Ph.D., D.Sc. and D.Litt. during the assessment period**

Nil

38. **Present details of department infrastructural facilities with regard to –**

   (a) **Library**
   
   Yes
   
   Institute Central Library as well as Dept Library is used by the faculty and Students

   (b) **Internet facilities for staff and students**

   Yes

   (c) **Total number of class rooms**

   Three

   (d) **Class rooms with ICT facility**

   Three

   (e) **Student's laboratories**

   One

   (f) **Research Laboratories**

   One

39. **List of doctoral, post-doctoral students and Research Associates:**

   - From the host institution/university : Nil
   - From other institutions/universities : Nil

40. **Number of post graduate students getting financial assistance from the university:**

   Nil

41. **Was any need assessment exercise undertaken before the development of new programmes? If so, highlight the methodology.**

   Yes.
   
   There is a feedback system from students and staff, then it goes through BOS of the Department followed by Academic Council
42. Does the department obtain feedback from:

(a) Faculty on curriculum as well as teaching-learning evaluation? If Yes, how does the department utilize the feedback?
   Yes.
   For improvement in syllabus keeping in view the present requirement

(b) Students on staff, curriculum and teaching-learning evaluation and how does the department utilize the feedback?
   Yes.
   Remedial measures are taken once the feedback is received.

(c) Alumni and employers on the programmes offered and how does the department utilize the feedback?
   NA

43. List the distinguished Old Student Association of the Department (Maximum 10)
   - Shipra Shrivastava
   - Saon Sanyal
   - Anku Singh
   - Rajarshree Kar
   - Rajeev Singh
   - Anshuman Mishra
   - Kratika Yadav

44. Give details of student enrichment programmes (special lectures/workshops/ seminar) involving external experts.
   The department organizes various seminars, conferences, workshops and special lectures of various experts in the field.

45. List the teaching methods adopted by the faculty for different programmes:
   - Lecture Cum Demonstration
   - Students centered approach
   - Inquiry based learning
   - Co-operative learning
   - Collaborative learning
   - At-Will method
   - Observation Method
   - Guided Discovery method
   - Problem solving method
   - Exploration method
46. **How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

- In-House discussions are conducted by the Faculty of the Department from time to time, the content is being discussed with the students & extra classes are taken monitoring the learning outcomes.
- The feedback is obtained from alumni, visiting faculty and resource persons.

47. **Highlight the participation of students and faculty in extension activities:**

- The students and the faculty participate in summer coaching camps organized by the Institute.
- The students and the faculty also gets involve in Out of campus activities organized by Youth Hostel Association of India, Bharat Scouts & Guides etc.
- The students and faculty regularly get involved in organizing and participating in various social cause related activities such as sport awareness "Khel Jagrukta Abhiyan", "Nari Evam Bal Swasthya Shiksha Abhiyan"

48. **Give details of "beyond syllabus scholarly activities" of the department:**

Students participate in different conferences, seminars, workshop and social service activities from time to time.

49. **State whether the programme/department is accredited/ graded by other agencies? If yes, give details.**

(i) ISO 14001 : 2004  
(ii) OHSAS18001 : 2007  
(iii) ISO 9001 : 2008

50. **Briefly highlight the contributions of the department in generating new knowledge, basic or applied:**

- The Department constantly contributes various knowledge based activities in the form of Sports Projects & Academic Projects.
- All the students of the Department are encouraged to make use of the research equipments (Vienna Test System) and apply the same on other Students of different sport and subject.
- The faculty of the department are constantly involved in providing psychological backup and information to various society that are working in different capacity such as Sport, Police service and for deprived children.
51. Detail five major Strengths, Weakness, Opportunities and Challenges (SWOC) of the Department.

**STRENGTH OF THE DEPARTMENT**

a. The programmes that are developed in the department helps the students to enrich their knowledge base to apply both in field and laboratory.

b. Due to ample exposure of practical training in sport Psychology the students have a better prospects to become practitioner in their carrer.

c. The department has a provision for supporting faculty and students to attend National and International Conference in India & Abroad due to which they enhance their competencies.

d. The department organizes innovative Seminar & Workshop of different natures related to Application of Sport Psychology knowledge not only for the students of the Department but also for others those who are interested to join for the same.

**WEAKNESSES OF THE DEPARTMENT**

a. The Department needs to have autonomy to take decision for Exchange programme (in India and Abroad) both for students and staff having separate budget so as to upgrade their knowledge base.

b. The Department could not offer various short term and long term courses owing to shortage of staff.

c. The Department needs to be strengthened in Information and Communications Technology so as to make learning more effective.

d. As the Institute is not covered under UGC 12B, it restricts the faculty to apply for funding of research projects.

e. In the absence of policy for recruiting foreign faculty for short term assignment, the department is not able to invite the experts from abroad.

**OPPORTUNITIES OF THE DEPARTMENT**

a. The Department in itself has research equipments (VTS) that are hardly available in any other Institute of India.

b. The department is capable of organizing training programme for sport scientists, coaches, athletes and others interested in the field of psychological assessment.

**CHALLENGES OF THE DEPARTMENT**

a. The graduates of this Department who are trained to become Sport Psychologists should be provided opportunities to work
with different levels of Sport Performer (Sub-Junior, Junior, Seniors, International Athletes).

b. The Department should collaborate/ tie up with different sport Organizations, federations, Sport Academies to provide the graduates internship to work with various level of Athletes.

52. Future plans of the department.

- Establish High performance Sport Psychology laboratories providing services to elite athletes of India.
- Preparing Psychological Skill Training (PST) programmes based on Research Evidence for Athletes to help them in their performance enhancement strategies.
- Developing professional competency among students to start their own entrepreneurship in the field of counseling the athletes.
CENTRE FOR ADVANCED STUDIES

1. **Name of the Centre:**
   Centre for Advanced Studies (CAS)

2. **Year of establishment:**
   2012

3. **Name of the Director:**
   Prof. J.P. Verma, Department of Sports Psychology

4. **Objective:**
   The Centre for Advanced Studies (CAS) was created to take care of the M.Phil and Ph.D. programs of Physical Education in the Institute. It provides guidelines and conduct entrance examination for the M.Phil and Ph.D. programs in Physical Education on behalf of the Institute under the chairmanship of the Vice Chancellor. The activities of the CAS are taken care of by the Director nominated by the Vice Chancellor. The Centre is authorized to make policies regarding M.Phil and Ph.D. programs, identify resource persons and organize workshops Courses/ Seminars/ Conferences related to research methodology, statistical applications and other related areas of research in physical education and sports sciences. The activities of the Centre are guided by the Departmental Research Committee (DRC) from time to time. The composition of DRC and its functions are given below.

**Composition of DRC**

1. Vice Chancellor Chairman
2. Three Outside experts Members
3. Two faculty nominated by the vice chancellor Members
4. Director, Centre for advanced studies Convener

**Functions of DRC**

1. To take care of all the research activities of the Institute.
2. To advice and conduct meetings related to Ph.D. / M.Phil admission of the Institute.
3. To conduct meeting for the PhD program and take decisions thereof.
4. To recommend centre for advanced studies on matters related to research activities from time to time.

5. **Source of Funding:**
   Plan and non-plan funds of the Institute.
6. **Major activities under taken during last four years.**
   a. Conducts M.Phil and Ph.D. programmes in Physical Education.
   
b. Started Integrated M.Phil-Ph.D. programmes in Physical Education.
   
c. Course work conducted for Ph.D. Programme in Physical Education.
   
   
e. Organized mid-term presentation for the enrolled Ph.D. candidates.

f. **Lecture Series Programme.**
   The eminent researchers / faculty are invited in the institute by the CAS to deliver lectures on specialized topics through its Lecture Series Program. During last four years following eminent faculty were invited to deliver the lectures.

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name of Research Eminent</th>
<th>Topic</th>
<th>Date &amp; Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.</td>
<td>Prof. Y.P. Gupta, IMT, Ghaziabad</td>
<td>Research Methodology</td>
<td>17-18 Dec., 2013</td>
</tr>
<tr>
<td>3.</td>
<td>Prof. Y.P. Gupta, IMT, Ghaziabad</td>
<td>Testing Assumptions in using Statistical Techniques in Research&quot;</td>
<td>18 Feb, 2014</td>
</tr>
<tr>
<td>5.</td>
<td>Dr. Vishal Vyas, IIITM, Gwalior</td>
<td>Confirmatory Factor Analysis</td>
<td>25 April, 2015</td>
</tr>
<tr>
<td>6.</td>
<td>Dr. Vishal Vyas, IIITM, Gwalior</td>
<td>Structure Equation Modeling</td>
<td>14 August, 2015</td>
</tr>
<tr>
<td>7.</td>
<td>Prof. Gerard King, Prof. Stefan Scheider</td>
<td>Exploring Opportunities for Collaboration</td>
<td>25th to 28th Nov. 2015</td>
</tr>
</tbody>
</table>
g. Research Workshops conducted

<table>
<thead>
<tr>
<th>NAME</th>
<th>DATE</th>
<th>VENUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Workshop on Research Methodology with SPSS- for Research Scholar</td>
<td>8-14 Oct., 2014</td>
<td>LNIPE, Gwalior</td>
</tr>
<tr>
<td>National Workshop on Research Methodology with SPSS- for Faculty</td>
<td>4-10 Feb., 2015</td>
<td>LNIPE, Gwalior</td>
</tr>
<tr>
<td>National Workshop on Research Methodology with SPSS- for Faculty</td>
<td>29 Oct., 2015 to 4th Nov., 2015</td>
<td>LNIPE. Gwalior</td>
</tr>
</tbody>
</table>

7. Details of major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the centre / cell.

STRENGTH OF THE CENTRE

- The centre is equipped with knowledge required in organizing and conducting research in different areas.
- Due to learned speakers visiting the centre regularly in lecture series programme, provide opportunity to the students and staff to enrich their knowledge.
- The centre has produced enough literature in the area of research and statistics published by the international publishers which are available for the use to the scholars and visitors.

WEAKNESSES OF THE CENTRE

- As the Institute is not covered under UGC 12B, it restricts the faculty to apply for funding of research projects.
- Due to absence of policy in appointing visiting Professors the centre is not able to get the services of learned faculty.

OPPORTUNITIES OF THE CENTRE

- Due to strategic locations of the Institute having excellent connectivity by rail and roads the centre is in a better position to attract the research scholars across the country.
- Due to lots of focus of the Government in developing sports in the country the centre can get enormous funding for the research projects on different aspects of sports development.

CHALLENGES OF THE CENTRE

- Due to the current policy of the Government to rate the universities the centre has a challenge to go for international publications and patents.
• Due to the advent of private universities coming in the area of sports and physical education the centre faces stiff challenges to improve its functioning and bring the Institute to a greater height.

8. **Future plans of the centre / cell:**

To start different specialized programmes.

9. **Any other information that the centre / cell would like to include:**

Nil
THE CENTRE FOR SPORTS COACHING AND MANAGEMENT

1. **Name of the Centre:**
   Centre for Sports Coaching and Management

2. **Year of establishment:**
   2012

3. **Name of the Director:**
   Prof. G.D. Ghai, Department of Sports Biomechanics

4. **Objective:**
   - To prepare qualified coaches in various games/sports.
   - To prepare qualified technical officials and sports manager.
   - To prepare sports advisor in different games/sports.
   - To prepare entrepreneur.

5. **Source of Funding:**
   Plan and non-plan funds of the Institute.

6. **Major activities undertaken during last four years.**
   a. Diploma in Sports Coaching Programme (one year) for Defense Personnel.
   Athletics, Basketball, Volleyball, Football and Handball

   b. Post Graduation Diploma in Sports Coaching Programme (one year)
   Athletics, Basketball, Badminton, Cricket, Football, Handball, Hockey, Judo, Swimming, Tennis, and Volleyball

<table>
<thead>
<tr>
<th>Name of the programme</th>
<th>Number</th>
<th>Pass percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Male</td>
<td>Female</td>
</tr>
<tr>
<td>PGDSC 2011-12</td>
<td>14</td>
<td>03</td>
</tr>
<tr>
<td>DSC 2011-12</td>
<td>43</td>
<td>-</td>
</tr>
<tr>
<td>PGDSC 2012-13</td>
<td>13</td>
<td>02</td>
</tr>
<tr>
<td>DSC 2012-13</td>
<td>36</td>
<td>-</td>
</tr>
<tr>
<td>PGDSC 2013-14</td>
<td>19</td>
<td>06</td>
</tr>
<tr>
<td>DSC 2013-14</td>
<td>22</td>
<td>-</td>
</tr>
<tr>
<td>PGDSC 2014-15</td>
<td>45</td>
<td>07</td>
</tr>
<tr>
<td>DSC 2014-15</td>
<td>28</td>
<td>-</td>
</tr>
</tbody>
</table>

   c. Certificate Course in Sports Coaching
   Athletics, Basketball, Badminton, Cricket, Football, Tennis, and Volleyball
d. Workshop / Clinic organized

<table>
<thead>
<tr>
<th>Name of the Workshop/ Clinic</th>
<th>Date</th>
<th>Funding Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clinic on Modern Officiating and Advanced Trends in track &amp; Field</td>
<td>19.04.2015</td>
<td>Ministry of Youth Affairs and Sports, Government of India</td>
</tr>
</tbody>
</table>

7. Details of major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the centre / cell.

**STRENGTH OF THE CENTRE**

- The programmes included in the curriculum cater to the needs of the students to explore their full potential in the field of Sports Coaching.
- Every student gets opportunity to be recruited in various organizations after they pass out from the Centre.
- The students are also given opportunity and encouraged to participate in National and International Events.

**WEAKNESSES OF THE CENTRE**

- Paucity of permanent staff restricts the centre to start new programmes.
- In the absence of policy for recruiting foreign faculty for short term assignment, the centre not able to invite the expert from abroad.

**OPPORTUNITIES OF THE CENTRE**

- Due to unique status of the Institute, the centre is in a better position to provide leadership in the area of Sports coaching.
- Due to academic freedom of the centre, specialized events can be organized.
- Due to strategic location of the Institute and good connectivity, the centre can attract meritorious students from all over the country.

**CHALLENGES OF THE DEPARTMENT**

- Due to scarcity of jobs in the area of Sports coaching, the centre faces challenges to train their students as entrepreneurs.
- No backup for the promotion of sports performance to national teams.

8. Future plans of the centre / cell:

- To get the status of full fledge Department of Sports Coaching and Management.
- To start Master of Sports Coaching in Athletics, Basketball, Cricket, Football and Volleyball.

9. **Any other information that the centre / cell would like to include:**

Nil
EXTRAMURAL CELL

1. **Name of the Cell:**
   Extramural Cell

2. **Date of Establishment:**
   1995

3. **Name of the Director / Incharge:**
   Dr. P.K. Das, Assistant Professor, Department of Exercise Physiology, LNIPE, Gwalior.

4. **Objectives:**
   - To provide support to the students to participate at State and National levels
   - To provide opportunities to the students to participate in various All Indian Universities Sports at Zonal and All India levels.
   - Organize State / National / Intervarsity Competitions.

5. **Source of Funding:**
   Institution

6. **Major activities undertaken during last four years:**

   - **2012-13**
     
     | Participation of Institute Teams in National University Games | Sports and games organized by Institute | Zone | Date |
     |---------------------------------------------------------------|----------------------------------------|------|------|
     | 28 (Men & Women)                                              | Basketball (W)                         | West Zone | 7-10 Nov. 2012 |
     |                                                              | Squash Racket (M)                     | All India | 2-5 Jan. 2013 |

   - **2013-14**
     
     | Participation of Institute Teams in National University Games | Sports and games organized by Institute | Zone       | Date             |
     |---------------------------------------------------------------|----------------------------------------|------------|------------------|
     | 43 (Men & Women)                                              | Football (M)                           | Central Zone | 7-11 Oct. 2013 |
     |                                                              | Volleyball (M)                         | Central Zone | 14-17 Oct. 2014 |
• 2014-15

<table>
<thead>
<tr>
<th>Participation of Institute Teams in National University Games</th>
<th>Sports and games organized by Institute</th>
<th>Zone</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>37 (Men &amp; Women)</td>
<td>Gymnastics (M&amp;W) and Malkhamb (M)</td>
<td>All India</td>
<td>15-19 Dec. 2014</td>
</tr>
</tbody>
</table>

• 2015-16

<table>
<thead>
<tr>
<th>Participation of Institute Teams in National University Games</th>
<th>Sports and games organized by Institute</th>
<th>Zone</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>37 (Men &amp; Women)</td>
<td>Badminton (M&amp;W)</td>
<td>West Zone</td>
<td>12-15 Oct. 2015</td>
</tr>
<tr>
<td></td>
<td>Badminton (M&amp;W)</td>
<td>Inter Zonal</td>
<td>17-19 Oct. 2015</td>
</tr>
</tbody>
</table>

7. Details of major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the Centre/Cell.

STRENGTHS

• Regular Training and Coaching Camps are organize under the supervision specialized Coaches / Faculty in various games and sports.

• Institute participate in almost all the AIU competitions along with some other open tournaments at various level.

WEAKNESS

• Number of students are limited hence unable to participate / perform well in some of Games and sports.

• Strict attendance rules restrict the students in undergoing coaching and training camp for longer duration.

OPPORTUNITIES

• Institute is having World Class Sports infrastructure which provides exposure to the Sportsperson.

• Availability of expertise help to provide advance training plan, to other players also.
CHALLENGES

- The cell is unable to provide ample scholarship, financial assistance to elite athletes.

8. Future plans of the Cell/Centre:

- To organize Coaching Camps for National teams in various games and sports.
- Proposed to host National and Inter-university level competitions in selected games.
- To motivate and encourage more participants to enhance performance at various level.
- To provide advance support system to the students.

9. Any other information that the Cell/Centre would like to include:

- Established sports hostel with modern facilities to organize National and International level events.
PLACEMENT CELL

1. **Name of the Cell:**
   Placement Cell

2. **Year of establishment:**
   1995

3. **Name of the Director/In-charge:**
   Prof. Wilfred Vaz,

4. **Objectives:**
   - The purpose is to assist students in making the most appropriate subject choice, choose a suitable career option and find a proper job.
   - To equip students with Knowledge and Skills required as per the organization / industry.

5. **Source of Funding:**
   Institution

6. **Major activities undertaken during last four years.**
   - Conducted career counseling.
   - Provided organization / industry interaction for students.
   - Development of Soft Skills
   - Development of Life Skills

**STUDENT SELECTED THROUGH PLACEMENT DRIVES**

<table>
<thead>
<tr>
<th>Session</th>
<th>No. of Selected Students</th>
<th>Percentage (%) of the Selected Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011-12</td>
<td>68</td>
<td>89%</td>
</tr>
<tr>
<td>2012-13</td>
<td>98</td>
<td>99%</td>
</tr>
<tr>
<td>2013-14</td>
<td>89</td>
<td>100%</td>
</tr>
<tr>
<td>2014-15</td>
<td>74</td>
<td>85%</td>
</tr>
</tbody>
</table>

7. **Details of major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the centre / cell.**

**STRENGTHS**
   - Demand from various organization and industry from India and abroad for recruiting graduates from Institution.
   - Strong Alumni network enable placement process effective.
WEAKNESSES

- Due to location (geographical) of the Institute, ample opportunities for field work to the students to the organization of repute are limited.

- Absence of support to avail the services of professional corporate and soft-skills trainers.

OPPORTUNITIES

- Vast diversity of courses offered by the Institute making it potentially a one of the top recruitment destination for organizations and institute

CHALLENGES

- Attracting recruiters and retaining them in the face of locale specific constraints issuing high CTC on organizing campus placements in the University.

- Motivating students to actively participate in the activities of the Service while seeking to improve their employability rendered poor on account of shallow subject knowledge and highly compromised communication skills and confidence levels.

8. Future plans of the centre / cell:

- Entering into a long term partnership with organizations in the skills development / employability, assessment / placement for leveraging the placement of students.

9. Any other information that the centre / cell would like to include:

Nil
WOMEN GRIEVANCES CELL

1. **Name of the Cell:**
   Women Grievances Cell

2. **Date of Establishment:**
   2012

3. **Name of the Director / Incharge:**
   Prof. Manika Debnath, Head, Department of Health Education and Fitness, LNIPE, Gwalior.

4. **Objectives:**
   Protection, prevention and redressal of sexual harassment in the university campuses

5. **Source of Funding:**
   Institution

6. **Major activities undertaken during last four years:**
   - Awareness workshops on the sexual harassment for the research scholars, P.G. & U.G. students of various departments.
   - Publication and distribution of the guidelines of the permanent women cell for combating sexual harassment.

7. **Details of major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the Centre/Cell.**

   **STRENGTHS**
   - Regular classes are conducted in Judo.
   - Committed team of faculty members working for the protection and prevention of sexual harassment in the campuses.
   - Generating awareness about the issue through counseling in Hostel and Classrooms etc.

   **WEAKNESS**
   - Ratio of Female faculty member is relatively less which restricts the close counseling and monitoring all the female students.

   **OPPORTUNITIES**
   - To act as a nodal agency for dissemination awareness about the cause and motivate the students for strengthening their self esteem and self confidence.
CHALLENGES

• To change the mind set and generate interest and awareness among the women students about the women issues.

8. Future plans of the Cell/Centre:

• To make attempts to make self defence a compulsory activity for the female students so that they are able to protect themselves from any such circumstances.

• To expand the reach of the cell and generate awareness about the issue among all.

9. Any other information that the Cell/Centre would like to include:

• Common room with all facilities exclusively for the women students is available.
DECLARATION BY THE HEAD OF THE INSTITUTE

I certify that the data included in this Self-Study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussion, and no part thereof has been outsourced.

I am aware that the Peer team will validate the information provided in the SSR during the Peer team visit.

(Prof. Dilip Kumar Dureha)
VICE CHANCELLOR

Place: Gwalior
Date: 29/04/2016