Research Projects:

### Ongoing Projects from Government Funding Agencies

<table>
<thead>
<tr>
<th>Grant agency</th>
<th>Title of the project</th>
<th>Duration/ status</th>
<th>Amount (INR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dept. of Science and Technology (DST), Govt. of India</td>
<td>Centre for Pharmaceutical Nanotechnology</td>
<td>August 2006 (5 years) (Joined as PI in July 2008)</td>
<td>956 Lakhs</td>
</tr>
<tr>
<td>Dept. of Biotechnology (DBT), Govt. of India under Nanotechnology Programme</td>
<td>Development of smart nanocarriers for oral vaccine delivery</td>
<td>April 2010 (Five years)</td>
<td>25.21 Lakhs</td>
</tr>
<tr>
<td>Dept. of Science and Technology (DST)-SYSP programme</td>
<td>Design of polyelectrolyte coated multilayered liposomes (stable liposomes) for oral insulin delivery</td>
<td>April 2010 (Three years)</td>
<td>19.96 Lakhs</td>
</tr>
<tr>
<td>Indian Council of Medical Research (ICMR) under Nanomedicine program</td>
<td>Development and Characterization of functionalized carbon nanotubes for tumor drug targeting and therapy</td>
<td>November 2010 (Three years)</td>
<td>49.884 Lakhs</td>
</tr>
</tbody>
</table>

### Completed Industrial Consultancy Projects

<table>
<thead>
<tr>
<th>Company</th>
<th>Project Description</th>
<th>Duration</th>
<th>Amount (INR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AD Pharma Pvt. Ltd., Hyderabad (AP)</td>
<td>In vitro skin permeation study of some formulations using Franz Diffusion Cell</td>
<td>December 2008</td>
<td>2.5 Lakhs</td>
</tr>
<tr>
<td>Himalaya Drug Company, Bangalore (KA)</td>
<td>Feasibility studies for development of a nano formulation of herbal drugs</td>
<td>April 2009</td>
<td>0.5 Lakhs</td>
</tr>
<tr>
<td>GlaxoSmithKline (GSK) Consumer Health Care Ltd, Gurgaon (HRY)</td>
<td>In vitro skin permeation study of some topical anti-inflammatory formulations using Franz Diffusion Cell</td>
<td>August 2009</td>
<td>3.75 Lakhs</td>
</tr>
</tbody>
</table>
Publications/ Presentations:

LIST OF PUBLICATIONS (Dr. Sanyog Jain)

International Journals


National Journals

Book Chapters

Invited Talks in Conferences/Workshops/Seminars/Symposia
2. Design of smart nano-carriers for drug delivery, a guest lecture delivered at Centre for NanoBiotechnology Research (CNBR), Alabama States University, Montgomery Alabama, USA, 18 November, 2010.
5. Biomedical Applications of Nanotechnology, Faculty Development Program on Advances in Pharmaceutical Sciences, Rayat & Bahra Institute of Pharmacy, Sahauran, Mohali (Punjab), 19-21 July, 2010.


11. Nanotechnology, Nanomedicines and Drug Delivery, a guest lecture delivered at College of Pharmacy and Health Sciences, Mercer University, Atlanta, Georgia, USA, 6 November, 2009.

12. Emerging trends in nanotechnology and drug delivery, a guest lecture delivered at Centre for NanoBiotechnology Research (CNBR), Alabama States University, Montgomery Alabama, USA, 3 November, 2009.

13. Emerging Role of Nanotechnology and Nanomedicines in Drug Delivery, 14th Annual National Convention of Association of Pharmaceutical Teachers of India (APTIICON-2009), Lachoo Memorial College of Science and Technology, Pharmacy Wing, Jodhpur (Rajasthan), India, October 3-4, 2009 (Delivered Prof. G.P. Shrivastava Memorial Lecture).


17. Nanotechnology in oral and topical immunization, RCH-PHARMAMED 2009 National Conference on Recent Advances Reproductive and Child Health: A Confluence of


Papers/ Abstracts Presented/ Published In Conferences/ Seminars/ Symposia

1. Vishal V. Rathi, Amit K. Jain, Godugu Chandraiah, Sanyog Jain, Engineered PLGA Nanoparticles for Oral Insulin Delivery, 8th Meeting of Globalization of Pharmaceutics Education Network (GPEN) GPEN-2010, UNC Eshelman School of Pharmacy, Chapel Hill, North Carolina, USA, November 10-12, 2010


Awards and honor:

- DST International Travel Award for attending and presenting the poster at 2010 AAPS Annual Meeting and Exposition, New Orleans, LA, USA during November 14-18, 2010.
- OPPI Young Scientist Award 2009 in the field of Pharmaceutics (Novel & Improved Drug Delivery Systems)
- Punjab State Young Scientist Award 2005.
- IDMA G.P. Nair Award 1998 for securing 1st Position in B.Pharm. in the university merit list.
- Lead Guest Editor of special issue on Nanotechnology in Advance Drug Delivery of the Journal of Drug Delivery
- Invited member of the editorial board of the international journal “Recent Patents on Drug Delivery and Formulation” (Publishers: Bentham Science)
- Nominated as expert member for drafting the monographs on Radiopharmaceuticals for Indian Pharmacopoeia
Listed as outstanding reviewer 2010 by prestigious journal Pharmaceutical Research

Invited as resource person to deliver invited lectures in several prestigious national and international conferences and to chair the scientific sessions.

University Gold Medal for first position in both B.Pharm. and M.Pharm. (1998 and 2000 respectively).

Work of the research group recognized and students won the award:


- Budding Nanotechnologist Award at 3rd Winter School on Nanotechnology in Advanced Drug Delivery, NIPER, Mohali (Punjab) India, 08-12 February 2010 (Mr. Vivek S. Thakare, M.S. student).

- S.S. Bhatnagar Chemical Society Best Poster Award at National Conference on Nanomaterials: Synthesis and Applications, Jalandhar (Punjab) India, 06-07 February 2009 (Mr. Amit K. Jain, Ph.D. Scholar).

Foreign visits:

The Netherlands (January 14-15, 2007):

- Visit to University Medical Center Groningen, University of Groningen, Groningen, The Netherlands and delivered a guest lecture

France (November 13-14, 2008):

- Indo-French workshop on Nanotechnology for Biomedical Applications, Paris (Delivered an invited talk).

USA (November 2-13, 2009)

- November 2-4, 2009: Visit to Centre for NanoBiotechnology Research (CNBR), Alabama States University, Montgomery, Alabama and delivered a guest lecture

- November 5-6: Visit to College of Pharmacy and Health Sciences, Mercer University, Atlanta, Georgia and delivered a guest lecture

- November 7, 2009: Visit to Nanotechnology Centre, Georgia Institute of Technology, Atlanta, Georgia and visit to Emory University School of Medicine, Atlanta Georgia

- November 8-12, 2009: 2009 AAPS Annual Meeting and Exposition, Los Angeles, CA

- November 13, 2009: Visit to College of Pharmacy, Western University of Health Science, Pomona, CA

USA (November 13-19, 2010)

- November 13-17, 2010: AAPS Annual Meeting and Exposition, New Orleans, Louisiana (Poster presentation)
November 18-19, 2010: Visit to Centre for NanoBiotechnology Research (CNBR), Alabama States University, Montgomery, Alabama and delivered a guest lecture