

### Publications in International Refereed Journals from Ph.D. Thesis

S. No.	Publication Details	Impact Factor	Citation
1.	<b>Sundeep Chaurasia</b> , Ravi R. Patel, Pramila Chaubey, Nagendra Kumar, Gayasuddin Khan, Brahmeshwar Mishra. Lipopolysaccharide based oral nanocarriers for improvement of bioavailability and anticancer efficacy of curcumin. <i>Carbohydrate Polymers</i> , 2015; 130: 9-17.	4.072	1
2.	<b>Sundeep Chaurasia</b> , Nagendra Kumar, Ravi R. Patel, Brahmeshwar Mishra. Optimization of Parameters for the Fabrication of Curcumin Loaded Polymeric Nanoparticles Using Taguchi Robust Design. <i>Advanced Science Letters</i> , 2014; 20 (5-6): 1028-1038.	1.256	2
3.	<b>Sundeep Chaurasia</b> , Pramila Chaubey, Ravi R. Patel, Nagendra Kumar, Brahmeshwar Mishra. Curcumin-polymeric nanoparticles against colon-26 tumor-bearing mice: Cytotoxicity, pharmacokinetic and anticancer efficacy studies. <i>Drug Development and Industrial Pharmacy</i> . (Accepted; 10.3109/03639045.2015.1064941)	2.101	-
4.	<b>Sundeep Chaurasia</b> , Ravi R. Patel, Nagendra Kumar, Brahmeshwar Mishra. Development and validation of a simple UV-visible spectrophotometric method for estimation of in vitro release and photophysical properties of curcumin. <i>Journal of Applied Spectroscopy</i> . (Under Review)	0.516	-

**Publications in International Refereed Journals from other than Ph.D.  
Thesis**

S. No.	Publication Details	Impact Factor	Citation
1.	Nagendra Kumar, <b>Sundeep Chaurasia</b> , Ravi R. Patel, Vikas Kumar and Brahmeshwar Mishra. Development and Optimization of Atorvastatin Calcium Loaded Oral Biodegradable Polymeric Nanoparticles Using Central Composite Design. <i>Advanced Science Letters</i> , 20(5/6), 2014, 984-993.	1.256	-
2.	Ravi R. Patel, Nagendra Kumar, Gayasuddin Khan, <b>Sundeep Chaurasia</b> and Brahmeshwar Mishra. Investigation of Critical Variables of Core-Shell Polymer Lipid Hybrid Nanoparticles by Using Plackett-Burman Screening Design. <i>Advanced Science Letters</i> , 20(5/6), 2014, 923-932.	1.256	-
3.	Ravi R. Patel, Gayasuddin Khan, <b>Sundeep Chaurasia</b> , Nagendra Kumar and Brahmeshwar Mishra. Rationally developed core-shell polymeric-lipid hybrid nanoparticles as a delivery vehicle for cromolyn sodium: implications of lipid envelop on in vitro and in vivo behaviour of nanoparticles upon oral administration. <i>RSC Advances</i> , 5, 76491–76506, 2015.	3.84	-

### Oral Presentations in International Conference from Ph.D. Thesis

S. No	Oral Presentation Details
1.	<b>Sundeep Chaurasia</b> , Nagendra Kumar, Ravi R. Patel, Brahmeshwar Mishra. Optimization of Parameters for the Fabrication of Curcumin Loaded Polymeric Nanoparticles Using Taguchi Robust Design. International Conference on Nanoscience and Nanotechnology-2013, organized by <b>Department of Applied Physics, BBAU</b> at Lucknow, 18th-20 <sup>th</sup> , Nov <b>2013</b> .
2.	Nagendra Kumar, <b>Sundeep Chaurasia</b> , Ravi R. Patel, Vikas Kumar, Brahmeshwar Mishra. Development and Optimization of Atorvastatin Calcium Loaded Oral Biodegradable Polymeric Nanoparticles Using Central Composite Design. International Conference on Nanoscience and Nanotechnology-2013, organized by <b>Department of Applied Physics, BBAU</b> at Lucknow, 18th-20 <sup>th</sup> , Nov <b>2013</b> .
3.	Ravi R. Patel, Nagendra Kumar, Gayasuddin Khan, <b>Sundeep Chaurasia</b> , Brahmeshwar Mishra. Modelling of Parameters Involved in Optimization of Solid Lipid Nanoparticles Carrying Hydrophilic Drug by Using Artificial Neural Network. <b>ICON-NANO-2013</b> , International Conference on Surface Science and Nanotechnology, organized by DDU, Nadiad, Gujrat, 10th-12th Dec <b>2013</b> .

### Presentations in International/National Conferences from Ph.D. Thesis

S. No	Presentation Details
1.	<b>Chaurasia S</b> , Kumar N and Mishra B. Development and Validation of a Simple UV-Visible Spectrophotometric Method for <i>In-Vitro</i> Determination of Curcumin in Nanophytoformulation Dosage Form. <b>82nd NASI, India</b> , held at Department of Zoology, BHU, Varanasi, 29th Nov-1st Dec, <b>2012</b> .
2.	<b>Chaurasia S</b> , Kumar N, Patel R and Mishra B. Formulation and Optimization of Novel Lipid-Carbohydarte Based Nano-carrier System for Curcumin by Using Taguchi Experimental Design. 13th International symposium on Advances in Technology and Business Potential of New Drug Delivery Systems, organized by <b>Controlled Release Society-Indian Chapter</b> , at Mumbai, 22nd-23rd Jan, <b>2013</b> .
3.	<b>Sundeep Chaurasia</b> , Brahmeshwar Mishra. Preparation and Physicochemical Characterization of Lipid-Carbohydrate Based Curcumin Containing Nanosuspensions. CTDDR-2013, 5th International symposium on Drug Development for orphan/Neglected diseases, organized by <b>CSIR-CDRI</b> , at Lucknow, 26th-28th Feb, <b>2013</b> .
4.	<b>Sundeep Chaurasia</b> , Ravi R. Patel, Nagendra Kumar, Pramila Chaubey, Gayasuddin Khan, Brahmeshwar Mishra. Enhanced Oral Bioavailability and Anticancer Efficacy of Naringenin Loaded Polymeric Nanoparticles in Human Colorectal Cancer. International Conference on Polymeric Biomaterials, Bioengineering and Biodiagnostics, organized by <b>IIT-Delhi</b> , at New Delhi, India, 27th-30th Oct, <b>2014</b> .
5.	<b>Sundeep Chaurasia</b> , Ravi R. Patel, Nagendra Kumar, Gayasuddin Khan, Brahmeshwar Mishra. Naringenin Encapsulated Lipid-Carbohydrate Based Nanocarrier System to Enhance Oral Bioavailability and <i>In Vivo</i> Anticancer Efficacy. 3 <sup>rd</sup> International Conference and Exhibition on Pharmaceutical, Nutraceutical and Cosmeceutical Technology 2014 ( <b>Pharma Tech 2014</b> ), organized by <b>Silpakorn University, Bangkok</b> , Thailand 1st-2nd Dec, <b>2014</b> .
6.	Brahmeshwar Mishra, <b>Sundeep Chaurasia</b> , Ravi R. Patel. Comparison of Curcumin Encapsulated Lipid and Polymeric Nanoparticles Against Colon Cancer: <i>In-Vitro</i> and <i>In-Vivo</i> Efficacy Studies. 3rd International Conference and Exhibition on Pharmaceutical, Nutraceutical and Cosmeceutical Technology 2014 ( <b>Pharma Tech 2014</b> ), organized by <b>Silpakorn University, Bangkok</b> , Thailand 1st-2nd Dec, <b>2014</b> .
7.	<b>Sundeep Chaurasia</b> , Ravi R. Patel, Nagendra Kumar, Gayasuddin Khan, Brahmeshwar Mishra. Naringenin Loaded Eudragit E 100 Nanoparticles: Optimization, Stability and <i>In-Vivo</i> Anticancer Efficacy in Colorectal Cancer. 4th Annual International Conference and Exhibition, Theme: "Pharmaceuticals Innovations for Global Excellence: Ignite, Invent, Implement", organized by <b>SPER</b> at DIT University, Dehradun, 27th-28 <sup>th</sup> Feb, <b>2015</b> .

**Presentations in International/National Conferences from other than Ph.D. Thesis**

S. No	Presentation Details
1.	Kumar N, <b>Chaurasia S</b> , Patel R and Mishra B. Development of Polymeric Oral Nanoparticles of Statin Drug for Better Efficacy. <b>82nd NASI, India</b> , held at Department of Zoology, BHU, Varanasi, 29th Nov-1st Dec, <b>2012</b> .
2.	Kumar N, <b>Chaurasia S</b> , Patel R, Kumar V and Mishra B. Formulation and Optimization of Polymeric Nanoparticles of Atorvastatin Calcium by 3 <sup>2</sup> Full Factorial Design. 13th International symposium on Advances in Technology and Business Potential of New Drug Delivery Systems, organized by <b>Controlled Release Society-Indian Chapter</b> , at Mumbai, 22nd-23rd Jan, <b>2013</b> .
3.	Ravi R. Patel, Nagendra Kumar, Gayasuddin Khan, <b>Sundeep Chaurasia</b> , Brahmeshwar Mishra. Investigation of Critical Variables of Core-Shell Polymer Lipid Hybrid Nanoparticles by Using Plackett-Burman Screening Design. International Conference on Nanoscience and Nanotechnology-2013, organized by <b>Department of Applied Physics, BBAU</b> at Lucknow, 18th-20 <sup>th</sup> , Nov <b>2013</b> .
4.	Ravi R. Patel, <b>Sundeep Chaurasia</b> , Gayasuddin Khan, Nagendra Kumar, Pramila Chaubey, Brahmeshwar Mishra. Lipo-Polymeric Nano Hybrids for Oral Delivery of Cromolyn Sodium in Pancreatic Cancer. International Conference on Polymeric Biomaterials, Bioengineering and Biodiagnostics, organized by <b>IIT-Delhi</b> , at New Delhi, India, 27th-30th Oct, <b>2014</b> .
5.	Nagendra Kumar, <b>Sundeep Chaurasia</b> , Ravi R. Patel, Gayasuddin Khan, Vikas Kumar, Brahmeshwar Mishra. Biodegradable Polymeric Nanoparticles of Rosuvastatin Calcium: An Attempt to Improve Oral Bioavailability. International Conference on Polymeric Biomaterials, Bioengineering and Biodiagnostics, organized by <b>IIT-Delhi</b> , at New Delhi, India, 27 <sup>th</sup> -30 <sup>th</sup> Oct, <b>2014</b> .
6.	Gayasuddin Khan, Ravi R. Patel, Nagendra Kumar, <b>Sundeep Chaurasia</b> , Pradeep K. Mishra, Brahmeshwar Mishra. Poly-ε-Caprolactone Electrospun Nanofibers for Controlled Delivery of Ciprofloxacin and Tinidazole in the Treatment of Periodontitis. International Conference on Polymeric Biomaterials, Bioengineering and Biodiagnostics, organized by <b>IIT-Delhi</b> , at New Delhi, 27 <sup>th</sup> -30 <sup>th</sup> Oct, <b>2014</b> .
7.	Nagendra Kumar, <b>Sundeep Chaurasia</b> , Ravi R. Patel, Gayasuddin Khan, Vikas Kumar, Brahmeshwar Mishra. Development of Atorvastatin Calcium Encapsulated Polymeric Nanoparticles Using Central Composite Design for the Treatment of Hyperlipidemia. 3 <sup>rd</sup> International Conference and Exhibition on Pharmaceutical, Nutraceutical and Cosmeceutical Technology 2014 ( <b>Pharma Tech 2014</b> ), organized by <b>Shilpakorn University</b> , at <b>Bangkok</b> , Thailand, 1st-2nd Dec, <b>2014</b> .

8.	Ravi R. Patel, <b>Sundeep Chaurasia</b> , Gayasuddin Khan, Nagendra Kumar, Brahmeshwar Mishra. Biodegradable Core-Shell Polymeric Nanostructures as Oral Delivery Carrier for Cromolyn Sodium. 4th International Conference on Nanotek and Expo, at <b>San Francisco, USA</b> , 1st-3rd, Dec <b>2014</b> . <b>Proceeding; Journal of Nanomedicine and Nanotechnology</b> <b>2014</b> , <b>5:5</b> ( <a href="http://dx.doi.org/10.4172/2157-7439.S1.018">http://dx.doi.org/10.4172/2157-7439.S1.018</a> ) ( <b>BEST POSTER AWARD</b> ).
9.	Ravi R. Patel, Gayasuddin Khan, <b>Sundeep Chaurasia</b> , Nagendra Kumar, Brahmeshwar Mishra. Oral Delivery of Cromolyn Sodium Encapsulated Solid-Lipid Nanoparticles for the Treatment of Allergic Diseases. 4th Annual International Conference and Exhibition, Theme: “Pharmaceuticals Innovations for Global Excellence: Ignite, Invent, Implement”, organized by <b>SPER</b> at DIT University, Dehradun, 27th-28 <sup>th</sup> Feb, <b>2015</b> .
10.	Gayasuddin Khan, Ravi R. Patel, Sarita Kumari Yadav, <b>Sundeep Chaurasia</b> , Nagendra Kumar, Brahmeshwar Mishra. Optimization of formulation variables involved in fabrication of poly-ε-caprolactone electrospun nanofibers by using central composite design. 4 <sup>th</sup> Annual International Conference and Exhibition, Theme: “Pharmaceuticals Innovations for Global Excellence: Ignite, Invent, Implement” organized by <b>SPER</b> at DIT University, Dehradun, 27th-28 <sup>th</sup> Feb, <b>2015</b> .
11.	Nagendra Kumar, <b>Sundeep Chaurasia</b> , Ravi R. Patel, Gayasuddin Khan, Vikas Kumar, Brahmeshwar Mishra. Polymeric nanoparticles of atorvastatin calcium: Assesment of oral bioavailability, safety and efficacy studies. 4 <sup>th</sup> Annual International Conference and Exhibition, Theme: “Pharmaceuticals Innovations for Global Excellence: Ignite, Invent, Implement” organized by <b>SPER</b> at DIT University, Dehradun, 27th-28 <sup>th</sup> Feb, <b>2015</b> .

## Award

1. **SPER Best student (Ph.D.) Award** by *Society of Pharmaceutical Education and Research* during the International Conference at DIT University, Dehradun, 27-28 Feb, 2015.
2. **International Travel Grant from DST, DBT and IIT(BHU)** for attending International conference at Bangkok, Thailand, 1-2 Dec, 2014.