

***FACULTY PROFILE***

1. Name: Kumud Upadhyaya

2. Designation: Associate Professor

3. Qualification: M. Pharm., PhD

4. Area of Specialization/Research field: Pharmacognosy, Natural products, Herbal Medicine

5. Awards/Recognitions: Acharya Narendra Dev Alankar, awarded by Acharya Narendra Dev Siksha Nidhi, Uttar Pradesh

6. Number of Research projects:

i) Completed

Sl. No.	Title of the project	Funding Agency	Amount(Rs.)	Year (From-To)

ii) On-going

Sl. No.	Title of the project	Funding Agency	Amount	Date of Commencement	Expected date of completion

7. Number of PhD candidates successfully completed: 08 Eight

8. Number of PhD candidates currently working: 02 (04 Enrolled)

9. Publications:

i) Books

Sl. No.	Co-Author/s	Title	Publisher	Year of publication
1				

ii) Research Articles published in journals: **Annexure 1:**

**ARTICLES**

1. **Kumud Upadhyaya** “*Medicinal plant biodiversity and Conservation*” in Sustainable Development and Environment Vaishali Saxena and Abha Joshi Ed., Rapid Book Service, Lucknow, 2015, 193-210.
2. **Upadhyaya, K.**, Singh, A., and Mishra, B. “*Mushroom the White Revolution*”, The **Eastern Pharmacist**, XLIII (06), 31-35.
3. **Upadhyaya, Kumud.** "Poshak tatvon se bharpur hai doodh bakri ka", **Ganna Samachar, Sharad Visheshank.**, 1997, 83-84.
4. **Upadhyaya Kumud**, “*Aayush main hain apaar sambhawnayain* (आयुष में हैं अपार संभावनायें)” **Pharma- Mag, Souvenir: 2013**, published by Diploma Pharmacist Association, Uttarakhand. **Guru Drone Journal of Pharmacy and Research.** 2014; 2(1): 5 - 13

iii) Papers presented in Conferences/Seminars:

Sl. No.	Title of the paper	Title of conference/seminar	Year
1	Prospectives in Phytomedicine and Nutraceuticals	R C Patel College of Pharmacy, Shirpur, Maharashtra In association with Indian Society of Pharmacognosy.	5-6 November 2006
2.	Recent Advances in Pharmacognosy,	National Seminar on “Emerging Trends in Pharmaceutical Education And Research” Organised by Vivek College of Technical Education, Bijnor	18 March 2012.
3	“Reproducibility of Results”	UGC sponsored National Seminar on Current Status and Challenges in Pharmacy and Healthcare, Organised by University Institute of Pharmacy, Chatrapati Sahu Ji Maharaj University	28 March 2010
4.	Emerging Trends and Novel Concepts in Herbal Research	Emerging Trends and Novel Concepts in Biomedical Research. Organised by Department of Life Sciences and Pharmacy, Himanchal Group of Institutions, Ponta Sahib	5 May 2010
5.	Pharma Peospectives of essential oils	Faculty Development Programme Sponsored by Punjab Technical University “New Generation Drugs and Drug Delivery System: Future	12 March 15

		Prospects in Pharmaceutical and Chemical Technology” at Chandigarh College of Pharmacy, Mohali.	
6.	Invited Speaker: Essential oils: Promising Phytopharmaceutricals	International Conference on Global Trends in Pharmaceuticals and Clinical Practice, Tirthankar Mahavir University, Moradabad.	6-7 February 2015
7.	Pharmacovigilance in Ayurveda and Natural Products	National Medicinal Plant Board Sponsored Conference on “Recent Advances in Ayurvedic Herbal Medicine- From Source to Manufacturing organised by Faculty of Biomedical Sciences, Uttarakhand Ayurved University, Dehradun.	15 <sup>th</sup> and 16 <sup>th</sup> September 2017
8.	Role of Chemistry of Natural Products in Herbal Drug Design	Role of Chemistry of Natural Products in Drug Design, , Vivek College of Technical Education, Bijnor.	30 <sup>th</sup> November 2017
10.	Recent Approaches in Pharmaceutical Sciences	ITK 2019, Uttaranchal University, Dehradun	24-25 September 2019
11	Adulteration in Herbal products	two-days International Conference on "Conservation and sustainable use of high altitude medicinal and aromatic plants for the socio-economic development "Uttarakhand Ayurved University, Dehradun. sponsored by National Medicinal Plants Board, Ministry of AYUSH, Govt. of India.	29 and 30 November 2019
12	Fundamentals and Different Techniques of Chromatography	Short term training program on HPLC (Shimadzu LC-2010 CHT) Held at CIF, DOPS, Kumaun University, Bhimtal, Nainital..	24 June 2018
13	Current Scenario of Pharmacy Education in India: Challenges and Responsibilities,	National Seminar on “ Current Scenario of Pharmacy Education in India: Challenges and Responsibilities, Organised by Sagar Institute of Technology	24 February 2018

		and Management, Barabanki (UP)	
13	Newer dimension in Pharma research	National Seminar on Current Scenario of Pharmacy Education in India: Challenges and Responsibilities Dept. of Pharmacy, Sagar Institute of Technology and Management,	24 February 2019

iv) Articles/review articles published in books/journals:

Sl. No.	Title of the paper	Title of the book/journal	Editor/Publisher	Year of publication	Page No.

v) Monographs/Reports (if any) \_\_\_\_\_

vi) IPR Registered/

- Development of potent polyphyto capsules for dyslipidemia management using smart ideal anti-hyperlipidemic tree concept. Date of filing 14/08/2014
- A potent polyphyto capsule for dyslipidemia management and its pharmacognostical standards. Date of filing 10/12/2014.

Conference/Seminar organized:

Sl. No.	Status as organizer	Title of the conference/seminar	Year and dates
1.	<b>Organizing Secretary</b> National - March	Symposium on <i>Herbal Medicine - Application of Biotechnology and Futuristic Approach</i>	1997
2.	<b>Member Committee: Hospitality</b>	National Seminar on “ <i>Herbs from Himalayan Region</i> ”	March 1999.
3.	<b>Member Committee: Hospitality</b>	Prospects of Essential Oil Industry in Uttarakhand	2004
4.	<b>Convener,</b> GIS Institute, Dehradun.	“ <b>International Symposium</b> ” on <i>Frontiers in Herbal Cosmetics and Nutraceuticals</i>	23-24 Feb 2013
5.	<b>Convener:</b>	“ <i>Managing Agriculture and Environment</i> ”, organised by Lead India- A Youth Initiative and	20 April 2013

6.	<b>Convener</b>	SGRR Degree College, Dehradun.  Workshop on Brief History and Indian Context of Regulatory Affairs, DOPS, Bhimtal, Kumaun University, Nainital	21.12.2016
7.	<b>Convener</b>	Workshop on E-marketing of Medicines,, DOPS, Bhimtal, Kumaun University, Nainital	21.12.15

Sessions chaired in Conferences/Seminars:

Sl. No.	Title of the seminar	Organized by	Year and dates
1.	International Conference on <i>New Horizons in Microbial Biotechnology and Pharmaceutical Sciences</i>	Department of Life Sciences and Pharmacy, Himanchal Group of Institutions, Ponta Sahib,	4 May <b>2010</b> .
2.	3 <sup>rd</sup> National Convention on <i>Emerging Trends in Pharmaceutical Education and Research</i>	Vivek College of Technical Education, Bijnor,	18 March 2012
3.	15 <sup>th</sup> Annual Meeting of Society of Pharmacognosy and First International Convention	KLE University, Belgaum, Karnataka, India	18-20 February 2011
4.	National Seminar on <i>Promotion and Globalisation of Indian Herbal Products- Perspectives and Prospects</i>	Dept of Pharma. Sciences, MD University, Rohtak.	21-22 February, <b>2014</b> .
5.	<i>Recent Advances in Biosciences and Drug Discovery</i>	Dept. Of Pharma. Sciences, Gurukul Kangri Vishwavidhyalaya, Haridwar.	3-4 March, <b>2014</b>
6.	8th National IPA Students Congress,	Indian Pharmaceutical Association- Students' Forum ISF college of Pharmacy, Moga	3 <sup>rd</sup> & 4 <sup>th</sup> September 2016.
7.	Invited Expert Science Conclave- at 11 <sup>th</sup> Uttarakhand State Science and Technology Congress	Uttarakhand Council of Science and Technology	2-4 <sup>th</sup> March 2017
8.	<i>Integrating Ayurveda and herbal Drugs for Next Generation Therapeutic &amp; Supplement: Opportunities and Challenges.</i>	22 <sup>nd</sup> Annual Convention of Society of Pharmacognosy and International Conference, Ganpat University, Mehsana, Gujrat, India.	20 <sup>th</sup> & 21 <sup>st</sup> January 2018
9.	Invited Expert 12 <sup>th</sup> Uttarakhand State Science and Technology Congress (USSTC) 2017-18	Uttarakhand Council of Science and Technology,	7 <sup>th</sup> -9 <sup>th</sup> March 2018.
10	Resource Person	23 <sup>rd</sup> Annual Convention of Society of Pharmacognosy and International Conference	22-23, February 2019

		on New Age Opportunities and Challenges for Quality, Safety GMPs in Herbal Drug Development, Organised By CSIR- National Botanical Research Institute, India	
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## 12. Academic/Administrative positions held


Sl. No.	Chairman/Member/Secretary	Committee/Authority	Year (From-To)
1.	Principal/ Director	GISIPS, Dehradun	May 2011-May 2013
2.	Director	Doon College of Education, Saharanpur -	Aug 2007- Nov 2007-
3.	Director	GRD (PG) IMT, Dehradun	Aug 2007 November 2013
4.	Director	Siddhartha Institute of Pharmacy, Dehradun-	Jan 2007- July 2007
5.	Hostel Warden	Babu Jagjivan Ram Boys Hoatel, Kumaun University,	
6.	Deputy Registrar Exam  Reasearch Coordinator  Executive Editor- <i>Brahmkamal Sandesh</i> (News Letter)	Uttarakhand Ayurved University, Dehradun	November 2014-October 2015
	1. Member State counseling board for UTU 2. Coordinated Counseling for B. Pharm. and B. Tech, lateral entry 3. Assisted the controller of exam in UTU end semester exam 2008-09. Flying squad visits started for the first time in UTU, Dehradun exams. Headed a team of Flying squad. 5. Coordinator for two cultural events debate and skit competition organized among the UTU, colleges from both Kumaun and Garhwal region (2008). 6. Member Selection Committee, Pharmacy.2007-13 7. Member Board of Studies (Pharmacy 2006-2008) 8. Observer for UTU Exam 2009, M.Pharm exam 2013. 9. Member- BOS, Pharmacy, Uttarakhand Technical University, Dehradun. 10. Visited Pharmacy colleges in Uttarkhand as	Uttarakahnd Technical University, Dehradun	2009-10 and 2010-11  2009-10, and B. Pharm for 2010-11.

	UTU inspector for course approval. 11. Observer- M. Pharm. exam, 2013, B. Pharm. 2013-14. 12. Head Evaluation, B.Pharm/ M. Pharm Exam 2015-16 Odd Semester, Uttarakhand Technical University, Dehradun.		
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13. Membership to professional Organization/Associations:

Sl. No.	Name of the Association/Organizations	Status of the membership
1.	Society of Pharmacognosy	Life Member
2.	Indian Pharmacy Graduate Association	Life Member
3.		Life Member
4.	Association of Pharmacy Teachers of India	Life Member
5.	People for Animal	Life Member
	IDEAS, UGCHRDC, Nainital	Life Member

14. Any other Information: \_\_\_\_\_



Signature of the Faculty Member

## Annexure 1

### 2000-2007

1. Upadhyaya, K., Dixit, V. K., and Bhat, Z. A., (2000) In-Vitro evaluation of antihepatotoxic activity of the leaves of *Cassia tora*. L., **Indian Journal of Natural Products**., **16(1)**, 27-29
2. IL Min, Chung., Mohammad, Ali., Kumud Upadhyaya., and Ateeque Ahmad (2005) Isolation and Cytotoxic Activity of Acyclic Triterpene from *Callicarpa macrophylla*, **Asian Journal of Chemistry**, **17(3)**, 1907-1914.
3. IIL Min, Chung., Mohammad, Ali., Kumud Upadhyaya., and Ateeque Ahmad (2006) isolation of fatty acids and other constituents from *Callicarpa macrophylla* fruits, **Asian Journal of Chemistry**, **17(3)**, 1907-1914.

### 2008--09

4. K. Upadhyaya, R.C. Padalia, C.S. Mathela and V.K. Dixit., (2008) Chemical composition of the essential oil of *Caryopteris grata* Benth., **JEOR**, **21**, 69-70.
5. Bhat Z. A., Upadhyaya, K., Irfat, A., Chhashoo, I.A and Khan, A (2008) Blood glucose lowering activity of the aqueous and alcoholic extracts of *Swertia tetragona* Edgew To **Die Pharmazie (Accepted)**
6. Upadhyaya, K., Dixit, V.K., Padalia, R.C. and Mathela, C.S. (2009) Terpenoid Composition and Antioxidant Activity., of Essential Oil from Leaves of *Salvia leucantha* Cav. **Jeobp.**, **12 (5)**: 551 – 556.

### 2010

7. Kumud Upadhyaya, and Ashok, P. K., (2010) **J. Pharma. Res.**, Concentration Dependent Antioxidant activity of *Zanthoxylum armatum*., **3(7)**, 1581-1582
8. Ashok, P. K., Sagar, M. K. and Kumud Upadhyaya, (2010) Analgesic and Anti-inflammatory properties of *Artemisia pallens* Wall. ex. DC, **Pharmacology online**, **2(9)**, 291-294.
9. Ashok, P. K., Sagar, M. K., Chopra., H., Singh., Manmohan and Kumud Upadhyaya, (2010) Analgesic and Anti-inflammatory Properties of *Caesalpinia boundac* Seeds., **The Pharma Res.**, **01**, 54-59.
10. **Kumud Upadhyaya**, C.S. Chanotiya, Rajendra Padalia, Z.A. Bhatt, Y.M. Bahuguna (2010) Comparative phytochemistry and pharmacological evaluation of *Tagetes minuta*., **J. Pharma. Res.**, **3(6)**, 1434-1437
11. Nitin Bhatt and Kumud Upadhyaya (2010) Anti-Inflammatory Activity of Ethanolic Extract of Bark of *Zanthoxylum armatum* D.C. **Pharmacology online**, **2**: 123-132.
12. Sagar, M. K., Ashok, P. K. and Upadhyaya, K. (2010) Anti-inflammatory and analgesic activities of methanolic extract of *Pongamia pinnata* stem bark., **Int. J. Pharma Professional's Res.**, **1(1)**, 5-9.
13. Ashok P K., **Upadhyaya K.** (2010) Preliminary Phytochemical Screening and Physico-Chemical Parameters of Aerial Parts of *Artemisia Vulgaris*, **IJRAP.**, **1 (1)** 206-211.
14. Mukhopadhyaya S., Goswami L., Sateesh Madhav NV and **Upadhyaya K** (2010) Formulation and evaluation of floating bioadhesive tablets of ciprofloxacin hydrochloride by direct compression technique, **Int. J. Pharmacy Pharmaceutical Sc.**, **2(3)**, 113-115.
15. Sagar, M. K. Ashok, P. K., Chopra, H. and **Upadhyaya, K.**, (2010) Phytochemical and Pharmacological Potential of *Artemisia indica* in experimental animal model **Pharmacology Online**, **2**, 1-4.
16. Mukhopadhyay Satheesh Madhav, N.V and **Upadhyaya K.**, (2010) Formulation And Evaluation Of Ciprofloxacin Tablet Using A Novel Bio-Binder From *Macrotyloma Uniflorum*, **Int. J. Pharma Res Dev(2).**, **11**, 67-72.



17. Sagar M. K., Upadhyaya A., Kalpana and **Kumud Upadhyaya**. (2010) Evaluation of antinociceptive and anti-inflammatory properties of *Desmodium gangeticum* (L.) in experimental animal models. **Archives of Applied Science Research**, 2(4), 33-43.
18. Ashok, P.K., and **Upadhyaya, K.** (2010) Analgesic and anti-inflammatory properties of *Artemisia pallens* Wall EX DC, **T. Ph. Res.**, 3, 249-256.

## 2011

19. Bisht A., Satheesh Madhav, N.V and **Upadhyaya Kumud** (2011) Standardisation and characterization parameters for novel hypolipidemic poly-phyto combination., **J. Pharma Res.**, 4(12) 4501-4503.
20. Rohit Bisht, Amitava Ghosh and **Kumud Upadhyaya** (2011) Formulation, physiochemical characterization and *in-vitro* evaluation of Antifungal bio adhesive vaginal tablet., **Asian Journal of Pharmaceutical and Clinical Research.**, 4 (Supple. 1), 27.
21. N. V. Stheesh Madhav, **Upadhyaya, K.** and Bisht A., (2011) Phytochemical screening and standardization of polyherbal formulation For dyslipidemia, **Int. J. of Pharmacy and Pharmaceutical Sc.**, 3 (3), 235- 238.

## 2012

22. **Upadhyaya, K.**, Dixit, V.K., Padalia, R.C, and Mathela C.S. Terpenoid Composition and Antioxidant Activity of Essential Oil from Leaves of *Salvia leucantha* Cav., **JEOBP**, 12(5), 551-556.
23. **Upadhyaya, K.**, N. V. Stheesh Madhav and B. Abhishek (2012) *In vitro* toxicity screening of polyphyto combination using Caco-2-cell line., **African Journal of Pharmacy and Pharmacology.**, 6(8), 560-562.
24. Praveen Kumar Ashok and Kumud Upadhyaya (2012) Tannins are Astringent, **Journal of Pharmacognosy and Phytochemistry.**, Vol. 1 No. 3., 51.
25. Bisht, A., Satheesh Madhav, N.V and **Upadhyaya Kumud** (2012) A huge updated review on dyslipidemia etiology with various approaches for its treatment, **Pharmacophore (An International Journal)**, 3(5), 244-264.
26. **Upadhyaya, K.**, Dixit, V.K., Bhat, Z, A. and Ashok, P.K. (2012) **Inventi Rapid: Ethanopharmacology**, 2013, 9 (1). 748.
27. Rawat, V and **Kumud Upadhyaya** (2012) In vitro antimicrobial and phytochemical screening of *Drypetes roxburghii* leaves extract., **International Journal of Research in Ayurveda and Pharmacy**, 3(4), 582-586.
28. Upreti, K., Dabral, P., Rana, V., Upadhyaya, K. and Badhani, A. (2012) Method optimization of ocular patches, **Journal of Pharmacy & Bioallied Sciences**, 4(1), S31.

## 2013

29. Upreti, K., Semwal, A., **Kumud Upadhyaya** and Manoj Masiwal (2013) Pharmacognostical and Phytochemical Screening of Leaf Extract of *Zanthoxylum armatum* DC., **International Journal of Herbal Medicine.**, 1 (3), 5-11. ISSN: 2321-2187.
30. Semwal, A., Farswan, M., Upreti, K., Bhatt, S.P. and **Kumud Upadhyaya.**, (2013) Evaluation of Antioxidant Activity of Some Pteridophytes, **International Journal of Herbal Medicine.**, 1 (1), 1-4. ISSN: 2321-2187.
31. Satheesh Madhav, N.V., **Upadhyaya Kumud** and Bisht, A., Phytochemical Screening and Standardization of Polyherbal Formulation for Dyslipidemia, **Int. J. Pharmacy Pharm. Sc.**, 3(3),
32. Ashok, P. K. and **Kumud Upadhyaya** (2013) Evaluation of Analgesic and Anti-inflammatory Activities of Aerial Parts of *Artemisia vulgaris* L. in Experimental

- Animal Models, **Journal of Biologically Active Products from Nature**, 3:1, 101-105. ISSN 2231-1866
33. Verma S., Dabral, P., Rana V., **Kumud Upadhyaya** and Bharadwaj (2013) Formulation of Indomethacin using biopolymer of *Prunus avium.*, **J. Pharma. Bioall. Sci.**, 4, 23-24.
  34. Bharadwaj A., **Upadhyaya, K.** and N. V. Satheesh Madhav (2013) Formulation and in-vitro preliminary screening of polyphyto-antilithiatic Combination., **J. Acute Disease.**, 214-217.
  35. Dinkar, R., Mohan G. and **Upadhyaya, K.** (2013) Development and evaluation of nifedipine loaded tablet formulation for colon drug delivery, **Indian J. Pharm., Biol. Res.**, 2013; 1(4):1-5.
  36. Rawat, V. and **Upadhyaya, K.** (2013) Evaluation of antimicrobial activity and preliminary phytochemical screening of *Mesua ferrea* seeds extract, **Journal of Natural Products**, 6:17-26.
  37. Sagar, M. K. and **Upadhyaya, K.** (2013) Evaluation of In Vitro Anti-Oxidant, Anti-Nociceptive and Anti-Inflammatory properties of *Desmodium gangeticum* (L.) in Experimental Animal Models, **American Journal Of Phytomedicine and Clinical Therapeutics**, 1(3), 256-265.
  38. Manoj Kumar Sagar, **Kumud Upadhyaya** (2014) Anti-inflammatory and Anti-asthmatic Activities of *Dalbergia sissoo* Roxb. in Different Animal Models **Inventi rapid: Ethnopharmacology**. 2013(2), 106-9.
  39. **Upadhyaya, K.**, Dixit, V.K., Bhat, Z, A. and Ashok, P.K. (2013) *Histopathological and Biochemical Evidence of Antihepatotoxic activity of the leaves of Cassia tora* L. **Inventi Rapid: Ethnopharmacology**, 4(3): 1-3
  40. Semwal Amit, Bhatt Saraswati, Upreti Kamlesh and **Upadhyaya Kumud.** (2013) *Formulation and Evaluation of Novel herbal gel of Equisetum arvense*, **Journal of Pharmacognosy and Phytochemistry**, 1(5), 80-86.

## 2014

41. Vikas Chander, Singh, P. Sharma. Upadhyay, K and Singh, R. (2014) Environmental And Health Hazards Due To Pharmaceutical Effluents, **Int. J. Pharm. Res. Rev.** 4(2), 100-103.
42. Bisht, A., Satheesh Madhav, N.V. and **Upadhyaya Kumud.** (2014) Development, Standardization and Acute Toxicity Testing of Anti- Lipedemic Polyherbal Formulation, **Guru Drone Journal of Pharmacy and Research**;2(1): 5 – 13
43. Praveen Kumar Ashok, Kumud Upadhyaya (2014) *Artemisia vulgaris* Linn: Phytopharmacological Review, **Inventi Rapid: Planta Activa**, 4(3), 1-3.
44. Himani Karki, Kumud Upadhyay, Himanshu Pal and Raghunath Singh (2014) Antidiabetic potential of *Zanthoxylum armatum* bark extract on streptozotocininduced diabetic rats. **International Journal of Green Pharmacy**, 8:77-83.

## 2015

45. Renu Dinkar , Govind Mohan and Kumud Upadhyaya (2015) Formulation And Evaluation Of Chronomodulated Colonic Drug Delivery Of Nifedipine, **International Journal of Pharmaceutical Sciences and Research**, 6(4): 1445-1451.
46. Asha Bisht, NV Satheesh Madhav and Kumud Upadhyaya (2015) Formulation and evaluation of polyherbal capsules for dyslipidemia, **International Journal of Pharma Sciences**, 5(1): 887-896.
47. Manoj Kumar Sagar, Kumud Upadhyaya, Poonam Rishishwar, (2015) Qualitative and Quantitative Phytochemical Analysis and *In-vitro* Antioxidant Activity of *Caesalpinia bonduc* (L.) Seeds, **TBAP**, 5 (3): 214 – 222.

Asha Bisht, NV Satheesh Madhav, Kumud Upadhyaya (2015) Screening of polyherbal formulation for its potential antihyperlipidemic and antioxidant activity. **Journal of Pharmacognosy and Photochemistry**; **3(5)**:134-139.

## 2016

48. Sayantan Mukhopadhyay, N.V. Satheesh Madhav and Kumud Upadhyaya (2016) Alzheimer's – An updated review on disease and its treatment, **World J Pharm Sci**; **4(2)**: 204-211.
49. Sayantan Mukhopadhyay, N.V. Satheesh Madhav and Kumud Upadhyaya, (2016) Formulation and evaluation of bio-nanoparticulated drug delivery of rivastigmine, **World J Pharm Sci.**, **4(5)**: 264-272.
50. Laxmi Goswami, N.V. Satheesh Madhav and Kumud Upadhyaya (2016) Formulation and Evaluation of nanoparticles loaded with Escitalopram using intelligent Biomaterial isolated from the fruit pulp of *Ficus carica.*, **World Journal of Pharm Sci.**, **4(3)**: 330-338.
51. Gusain Surendra and Upadhyaya Kumud (2016) Anti-Diabetic Activity of Plant Extract of *Urtica Parviflora* in Alloxan Induced Type 2 Diabetes in Rats, **Elixir Pharmacy**, **93**: 39552-39555.
52. Virender Kaur and Kumud Upadhyaya (2016) Antibacterial Activity of *Verbascum chinense* (Scrophulariaceae) Extracts, **Int. J. Curr. Microbiol. App. Sci.**, **5(4)**: 578-584.
53. Asha Bisht, Sateesh N.V.Madhav and Kumud Upadhyaya (2016) Preliminary Pharmacological screening of Anti-Hyperlipidemic Polyphyto Combination by Noveleptic Hightthroughput screening Method., **Current Bioactive Compounds.**, **12**: 69-67.
54. Ankit Kumar Saini, Dr. Kaushal Kumar Chandru and Kumud Upadhyaya (2016) In Vitro and In Vivo Antioxidant Therapeutic Potential of *Murraya Koenigii* Aqueous Extract in Oxidative Stress, *International Journal of Pharmacy and Integrated Life Sciences*, **4(13)**: (33-51)
55. Hemlata Bhatt, Sarla Saklani, Kumud Upadhyaya (2016) Anti-Oxidant And Anti-Diabetic Activities Of Ethanolic Extract of *Primula denticulata* Flowers, *Indonesian J. Pharm.* **27(2)** : 74 – 79 ISSN-p : 2338-9427 DOI:10.14499/indonesianjpharm27iss2

## 2017

56. Sayantan Mukhopadhyay, N.V. Satheesh Madhav and Kumud Upadhyaya (2017) Development and evaluation of bio-nanoparticles as novel drug carriers for the delivery of Donepezil, **Int. J. Nano Dimens.**, **8(1)**: 9-17.
57. Kumud Upadhyaya (2017) Pharmacognosy in Community Pharmacy: Pharmacovigilance Prospective of Herbal Medicine. **Glob J Pharma.eu Sci** **2(4)**: 555593 (2017) **006**
58. Kumud Upadhyaya, Bhawana Saini and Praveen Kumar Ashok (2017) A Review On Potential Dietary Health Benefit of Flavonoids, **Int. J of Chemistry, Pharmacy & Technology**, **2(1)**, 25-33.
59. Asha Bisht, Satheesh N.V. Madhav and Kumud Upadhyaya. (2017) Preliminary Pharmacological Screening of Anti-Hyperlipidemic Polyphyto Combination by Novelistic Hightthroughput Screening Method, **Current Bioactive Compounds**, **13(4)**, **69-71**.
60. Negi, Vipul, Chander, Vikas, Singh, Rakesh, Sharma, Bhavtosh, Singh, Prashant, Upadhyaya, Kumud (2017) Method development and validation of meropenem in pharmaceutical dosage form by RP-HPLC, **IJCT** **24(4)**: 441-446
61. Sayantan Mukhopadhyay, N.V. Satheesh Madhav and Kumud Upadhyaya (2016) Alzheimer's – An updated review on disease and its treatment, *World J Pharm Sci.*, **4(2)**: 204-211.

62. Ritika Arora, Rukhsar Khan, Anup Ojha, Kumud Upadhyaya and Himansu Chopra (2017) Emulgel: A Novel Approach for Hydrophobic Drugs *Int J Pharm Biol Sci.*, 7 (3) 43-60
63. Rukhsar Khan, Anup Ojha, Ritika Arora, Kumud Upadhyaya and Himansu Chopra (2017) Recent Trends In Gastroretentive Floating Drug Delivery System- A Review **World Journal of Pharmaceutical Research**, 6 (10): 404-22.

## 2018

64. Ravindra Semwal, Kumud Upadhyaya, Ruchi Badoni Semwal and Deepak Kumar Semwal (2018) Acceptability of Nose-to-Brain Drug Targeting in Context to its Advances and Challenges *Drug Delivery Letters* 7(1)1: 1-9 DOI: 10.2174/2210303107666170929120304
65. Ravindra Semwal, Kumud Upadhyaya, Ruchi Badoni Semwal and Deepak Kumar Semwal (2018) Acceptability of Nose-to-Brain Drug Targeting in Context to its Advances and Challenges *Drug Delivery Letters* 7(1)1: 1-9 DOI: 10.2174/2210303107666170929120304
66. Sharma S, Kaur R, Upadhyaya K and Gupta R. 2018 An overview of pleiotropic effect of statins in cardiovascular disease. *Pharm Pharmacol Int J.*; 6(6):435–439. DOI: 10.15406 / ppj. 2018.06.00214 eISSN:2373-6367
67. Ravindra Semwal, Kumud Upadhyaya, Ruchi Badoni Semwal and Deepak Kumar Semwal 2018, An overview of pleiotropic effect of statins in cardiovascular disease. *Drug Delivery Letters*, 7(1)1: 1-9 DOI:10.2174/ 2210303107666170929120304
68. Khan, R., Arora, R., Ojha, A., Chopra, H and Upadhyaya Kumud 2018 Formulation and evaluation of floating microspheres of blevofloxacin. **Int. Res. J. Pharm**; 9(7): 186- 191 <http://dx.doi.org/10.7897/2230-8407.097147>
69. Ritika Arora, Rukhsar Khan, Anup Ojha, Himansu Chopra, Kumud Upadhyaya 2018 Formulation and Characterization of Terbinafine Emulgel for Superficial Fungal Infections, *Research Journal of Pharmacy and Technology*, 11(11), 5029-5036 ISSNPrint: 0974-3618 ISSN Online: 0974-360X (**Scopus** Indexed)

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