

CURRICULAR VITAE



NAME : DR DILIPKUMAR PAL

DESIGNATION : ASSOCIATE PROFESSOR

ADDRESS FOR PRESENT: Associate Professor, Institute of Pharmaceutical Sciences,
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Date of Joining in Guru Ghasidas Viswavidyalaya: 14th January, 2012.

EDUCATIONAL QUALIFICATIONS :

1. B.Pharm from Jadavpur University, Kolkata
2. M.Pharm (Pharmaceutical Chemistry) from Jadavpur University
3. Ph. D.(Pharmacy) from Jadavpur University, Kolkata.
4. Fellow Institution of Chemist (F.I.C.)
5. Chartered Chemist
6. Post Doctorate from “The University of Sydney”, Australia.

SPECIAL PERFORMANCE:

1. Obtained **National Scholarship** in Madhyamik Examination in 1987 securing 115 rank in Statewise Merit list. 2. Qualified All India **GATE** Examination 1997.

PRESTIGIOUS AWARDS RECEIVED:

International : 02

1. **“Endeavour Research Fellowship Award-2010”** By Dept of Education, Employment and Workplace Relations (DEEWR), Govt of Australia for performing post doctoral Research in Faculty of Pharmacy, The University of Sydney, AUSTRALIA.
2. **“Marquis Who’s Who In America”** – Biographical Profiles Has Been Included For The Year 2009 Edition For Educational And Professional Contribution In The Field Of Pharmacy And Allied Field.

National

1. **“ISTE Rajalaxmi Memorial Best Technical College Teacher Award-2009”** For by Indian Society for Technical Education (ISTE), New Delhi, INDIA.
2. **“Life Time Achievement Gold Medal Award”-2009** by ISC, New Delhi, India. .
3. **“APTI YOUNG PHARMACY TEACHER AWARD-2010”** by Association of Pharmaceutical Teachers of India (APTI), Bangalore.
4. **“Rashtriya Vidya Saraswati Puraskar -2009”** by IIEEM
5. **“SPER Young Scientist Award-2012”** by SPER, at DIPSAR, New Delhi, India.

6. **“Best Research Paper Award”-2009** By International Journal Of Pharmacy And Pharmaceutical Sciences, Sagar, M.P., India
7. **“Best Research Paper Award- 2010”** For “Vol 1 (2) Issues” By “Asian Journal Of Experimental Biological Sciences (AJEBS)” New Delhi, India
8. **“SPER Best Oral Presentation Award-2012”** by SPER at DIPSAR on 23rd June, 2012.
9. **“Bankim Chandra Memmorial Award-1986”** By “Bankim Chandra Memmorial Society, Joypur, West Bengal”, INDIA
10. **“Eminent Citizen of India Award-2009”**
11. **“Shiksha Bharati Puraskar- 2009”**

TEACHING EXPERIENCES:

1. From April '99 to December 2004 working as a Lecturer in Institute of Pharmacy & Technology, Salipur and Seemanta Institute of Pharmaceutical Sciences, Jharpokharia, Mayurbhanj- 757 086, Orissa.
2. Asst. Professor in Pharmaceutical Chemistry (in Degree and PG level): From January 2005 to 24th May, 2006 in Seemanta Institute of Pharmaceutical Sciences, Jharpokharia.
3. Professor in Pharmaceutical Chemistry (in Degree and PG level): From 25th May 2006 to 7th February 2010 in Seemanta Institute of Pharmaceutical Sciences, Jharpokharia, Orissa.
4. Professor in Pharm.Chemistry (Degree and PG level) from 8th Feb 2010 to 31st July, 2011 in to 11th January, 2012 in School of Pharmaceutical Sciences, IFTM University, Moradabad-244 001, U.P., INDIA.
5. Associate Professor, from 14th January, 2012 to till date continuing in Institute of Pharmaceutical Sciences, Guru Ghasidas Viswavidyalaya (A Central University), Koni, Bilashpur (C.G.), 495 009, INDIA.

P.G.(M. Pharm. Pharm. Chemistry) Teaching Experiences: 11 years in Seemanta Inst of Pharm. Sciences, IFTM and Guru Ghasidas University plus continuing.

PRESENT STATUS: Associate Professor, Institute of Pharmaceutical Sciences, Guru Ghasidas Viswavidyalaya (A Central University), Koni, Bilashpur,(C.G.), 495 009, India.

ADMINSTRATIVE EXPERIENCES

1. **In charge Principal** since 6th April 2006 to 5th Sept 2006 in Seemanta Institute of Pharmaceutical Sciences, Jharpokharia, Orissa.
2. **Principal-cum-Secretary** since 6th September 2006 to 8th September 2009 in Seemanta Institute of Pharmaceutical Sciences, Jharpokharia, Mayurbhanj, Orissa.

RESEARCH EXPERIENCES: 14 years as on date.

POST DOCTORAL RESEARCH EXPERIENCE: at Faculty of Pharmacy, The University of Sydney, AUSTRALIA

OTHER PROFESSIONAL EXPERIENCES: 03 years

PUBLICATIONS OF DR DILIPKUMAR PAL

(A)Books (in ELSEVIER):

Dr Pal has contributed **two chapters** in the subject matter (a)**“Antioxidant Activity of Marking Nuts:Semecarpus anacardium”** and (b) **Sunflower Seed: Sunflower Seed (*Helianthus annuus* L.) in Health and Nutrition** in “Nuts and Seed in Health and Diseases Prevention”, Edited by **Professor Victor R. Preedy (Dept Nutrition and Dietetics School of Biomedical & Health Sciences Kings College London UK), Ronald Ross Watson (University of Arizona, USA) and Vinood**

Patel (Kings College London). This book is published by **ELSEVIER**, the world's leading publisher of academic books and Journals in 2011.

(B) Research Papers: (A) Referred journal– Total no 104; International: 62, National: 42

- (1) **D.K. Pal et al**, “Onset of Puberty and Ovarian Steroidogenesis Following Administration of Methanolic Extract of *Cuscuta reflexa* Roxb Stem and *Corchorus olitorius* Linn. Seed in Mice”, *J. Ethnopharmacol*, 2003, 89(1), pp 55-59 (**Impact factor: 3.014**).
- (2) **D.K. Pal et al**, “Antibacterial Activity of Methanol Extract of *Cuscuta reflexa* Roxb. Stem and *Corchorus olitorius* Linn. Seed”, *Fitoterapia*, 2006, 77(7-8), pp 589-591 (**Impact factor: 1.848**).
- (3) **D. K Pal et al**, Evaluation of Antifertility activities of methanol extract of *Cuscuta reflexa* Roxb. stem and *Corchorus olitorius* L. seed in male mice, *Drug Metabolism Reviews*, 2003, p. 210 (**Impact factor: 6.4**).
- (4) **D. K Pal et al**, Evaluation of Antifertility activities of *Celsia coromandeliana* Vahl in mice, *Drug Metabolism Reviews*, 2004, p. 151 (**Impact factor: 6.4**).
- (5) **DK Pal et al**, “Flavonoids of *Enhydra fluctuans* Lour exhibit Analgesic and Anti-inflammatory Activity in different animal models”, *Pakistan Journal of Pharmaceutical Sciences*, 24(3), 369-375, 2011 (**Impact factor: 1.103**).
- (6) **D.K.Pal et al**, “Flavonoids of *Enhydra fluctuans* exhibit anticancer activity against Ehrlich’s Ascites Carcinoma in mice”, *Natural Product Communication*, 2010, 5(8), 1239-1242 (**Impact factor: 1.242**).
- (7) **D.K.Pal et al**, “Development, and Optimization of Gliclazide Loaded Alginate-Methyl Cellulose Mucoadhesive Microcapsules”, *AAPScience Tech*, 2011, 12(4), 1431-1441. (**Impact factor: 1.432**)
- (8) **D. K. Pal et al**, “Terpenoids of methanol extract of *C. infortunatum* exhibit anticancer activity against Ehrlich’s ascites carcinoma (EAC) in mice”, *Pharmaceutical Biology*, 2012, 50(3), 304-309 (**Impact factor: 0.878**)
- (9) **D K Pal et al**, Novel tamarind seed polysaccharide-alginate mucoadhesive microspheres for oral gliclazide delivery: *in vitro-in vivo* evaluation, *Drug Delivery*, 2012, 125-131. (**Impact factor: 1.456**).
- (10) **D K Pal et al**, “Development of pH sensitive tamarind seed polysaccharide alginate composite beads for controlled diclofenac sodium delivery using response surface methodology”, *International J of Biological Macromolecules*, 2011, 784-793 (**impact factor 2.536**).
- (11) **D K Pal et al**, “Development of cloxacillin loaded multiple –unit alginate based floating system by emulsion gelation method”, *International J of Biological Macromolecules*, 2011, 50, 138-144(**impact factor 2.536**).
- (12) **D.K. Pal et al**, “Evaluation of Hematological and Hepatorenal functions of ethanolic extract of *Moringa oleifera* Lam. Root treated mice,” *Indian J. Expt. Biol.* 1999 , 37, pp 612-614. (**IF: 1.295**)
- (13) **D.K. Pal et al**, “Analgesic and anticonvulsant Effects of isolated saponin from the leaves of *Clerodendrum infortunatum* Linn. in Mice”, *Indian J. Exp. Biol.*, 2009, 47,743-747 (**IF: 1.295**).
- (14) **D K Pal et al**, Development, optimization and evaluation of floating beads using natural polysaccharides blend for controlled drug release”, 2012, *Polymer Engineering and Science* ,1-13. (**IF: 1.463**)(online available).
- (15) **D K Pal**, Design, optimization and evaluation of metformin –HCl loaded fenugreek seed gum-alginate mucoadhesive beads”, *International J of Biological Macromolecules*, 2012(in press) (**IF: 2.536**).
- (16) **D K Pal et al**, “A Systemic Review on *Ligularia Chinese* Plant, 2012, *Invente Rapid: Planta Activa* (online available) (**IF. : 1.0**).
- (17) **D K Pal**, “Development and validation of HPTLC method for quantification of the antidiabetic compound alpha-amyrin acetate in *Streblus asper* Lour, *Journal of Planer Chromatography* (Scopus Sciverse) (**Impact Factor 1.247**)(Springer, Hungarie), 25, 2012, 6.554-558.
- (18) **D K Pal et al**, “Isolation of beta sitosterol and evaluation of antidiabetic activity of *Aristolochia indica* in alloxan induced diabetic mice with a special reference to *in vitro* antioxidant activity, *J of Medicinal Plant Research (JMPR)*(Academic), 2012, 6(7), 1219-23 (**IF: 0.725**).
- (19) **D.K. Pal et al**, “Estimation of Sodium Content of Various Antacid Preparations by Flame Photometry”, *J. Sci. Ind. Res.*, 1999, 58, pp 1021 - 1022. (**Impact factor: 0.587**)

- (20) **D.K. Pal et al**, "Induction of Carbonic Anhydrase by *Cuscuta reflexa* Stem and *Corchorus olitorius* Seed in Mice" *Indian J. Pharm.Sci*, 2003, July-Aug, pp 401 –403 (**Impact factor: 0.445**).
- (21) **D.K. Pal et al**, "Anti-steroidogenic Activity of the Methanolic Extract of *Cuscuta reflexa* Roxb stem and *Corchorus olitorius* Linn. Seed in mouse ovary", *Indian J. Expt. Biol.*, 2003, 41, pp 641-644 (**Impact factor: 1.295**).
- (22) **D.K. Pal et al**, "Studies on Brain Biogenic Amines in Methanolic Extract of *Cuscuta reflexa* Roxb stem and *Corchorus olitorius* Linn. Seed Treated Mice", *Acta-Polon Pharm- Drug Res*, 2003, 60(3), pp 207-210 (**Impact factor: 0.465**).
- (23) **D.K. Pal et al**, "Chemical and Toxicological Evaluation of Methanol Extract of *Cuscuta reflexa* Roxb stem and *Corchorus olitorius* Linn. Seed on Hematological Parameters and Hepatorenal Functions in Mice", *Acta Polon Pharm- Drug Res*, 2003, 60 (4), pp 317 – 323 (**Impact factor: 0.465**).
- (24) **D. K. Pal et al**, "Flame Photometric Determination of Sodium Content of Various Antacid Preparations Having Liquid Dosage Form", *The Pharma Review*, April 2003, pp 98 –103.
- (25) **D.K. Pal et al**, "A Simple Colorimetric Method for determination of Carvedilol from Pharmaceutical Dosage Form", *Indian Drugs*, 2001, 38, pp 112 -113.
- (26) **D.K. Pal et al**, "A Simple Spectrophotometric Method for Estimation of Mometasone Furoate from Bulk Drug", *The Indian J. Hosp. Pharmacy*, 2003, 39(6), pp 227 - 228.
- (27) **D.K. Pal et al**, "Evaluation of Psychopharmacological Effects of Petroleum Ether Extract of *Cuscuta reflexa* Roxb Stem in Mice", *Acta Polon Pharm- Drug Res*, 2003, 60 (6), pp 481-486 (**IF: 0.465**).
- (28) **D.K. Pal et al** "CNS activities of the Methanol Extract of *Cuscuta reflexa* Roxb. Stem and *Corchorus olitorius* L. Seed in Mice", *Malaysian J. Pharmacy*, 2006, 1(5), pp 190-198.
- (29) **D.K. Pal et al**, "A Simple Spectrophotometric Method for Quantitation of Celecoxib", *The Indian J. Hosp. Pharmacy*, 2004, 41(3), pp 107-108.
- (30) **D. K. Pal et al**, "CNS Activities of *Celsia coromandeliane* Vahl in Mice", *Acta Polon Pharm- Drug Res*, 2005, 62(5) pp 355-361 (**Impact factor: 0.465**).
- (31) **D.K. Pal et al**, "Evaluation of the Antioxidant Activity of The Roots and Rhizomes of *Cyperus rotundus* L.", *Ind. J. Pharm. Sci.*, 2006, 68(2), pp 256-258 (**Impact factor: 0.445**).
- (32) **D.K. Pal et al**, "Analgesic and Anticonvulsant Effects of Saponin isolated from the Stems of *Opuntia vulgaris* Mill in Mice", *European Bull Drug- Res.*, 2005, 13, pp 91-97.
- (33) **D.K. Pal et al**, "Screening of the Antioxidant Activity of *Hydrilla verticillata* Plant", *Asian J. Chem.*, 2006, 18 (4), pp 3004-3008 (**Impact factor: 0.266**).
- (34) **D.K. Pal et al**, "Little known uses of common aquatic plant, *Hydrilla verticillata* (Linn. f.) Royle. *Nat.Prod. Rad.*, 2006, 5(2), pp 108-111.
- (35) **D.K. Pal et al**, "Anthelmintic Activity of Stems of *Opuntia vulgaris* Mill", *Asian J. Chem*, 2007, 19(1), pp 793-795(**Impact factor: 0.266**).
- (36) **D. K. Pal et al**, "CNS Activities of the Aqueous Extract of *Hydrilla verticillata* in Mice", *Nat. Prod. Sci.*, 2006, 12(1), pp 44-49.
- (37) **D. K. Pal et al**, "Evaluation of Anthelmintic Activity of Leaves of *Callistemon citrinus* Curtis", *Asian J. Chem*, 2007, 19, pp 2839-2842(**Impact factor: 0.266**).
- (38) **D. K. Pal et al**, "Evaluation of CNS Activities of Aerial parts of *Jasminum multiflorum* Andr." *Asian J. Chem*, 2007, 19 (6), pp 4452-4458(**Impact factor: 0.266**).
- (39) **D. K. Pal et al**, "Anthelmintic Activities of *C. nucifera* and *J. multiflorum* Andr" *Asian J. Chem*, 2007, 19, pp 5089-5092(**Impact factor: 0.266**).
- (40) **D. K. Pal et al**, "Anthelmintic Activity of leaves of *C. infortunatum*", *Indian J. Nat. Prod.* 2007, 23(2), pp 22-25.
- (41) **D. K. Pal et al**, "Evaluation of Anthelmintic Activity of nuts of *Semicarpus anacardium*", *Ancient Science of Life*, 2008, XVII (3), pp 41-44.
- (42) **D. K. Pal et al**, "Anthelmintic Activity of aerial parts of *M. heterophylla* Lour", *Ancient Sci. Life*, 2006, XXVI (1 & 2), pp 78-81
- (43) **D. K. Pal et al**, "Evaluation of Anthelmintic Activity of *C. coromandeliane* Vahl and *M. pentaphylla* Linn", *Ancient Sci. Life*, 2006, XXV (3&4) pp 28-32.
- (44) **D.K. Pal et al**, "Evaluation of the Antioxidant Potentiality of the Roots of *Cocos nucifera*." *Planta indica.*, April 2007, 3(2), pp 31-32.
- (45) **D. K. Pal**, "Evaluation of CNS Activities of *C. dactylon* Pers in Mice" *Acta Pol Pharm Drug-Res.*, 2008, 65(1), pp 37-43 (**Impact factor: 0.465**).

- (46) **D. K. Pal et al**, "A Study on the Antioxidant Activity of *Semicarpus anacardium* L.f. Nuts", *J. Natural Remedies*, 2008, 8(2), pp 160-163.
- (47) **D. K. Pal et al**, "Evaluation of Antimicrobial Activity and Phytochemical Screening of Oils and nuts of *Semicarpus anacardium* L.f.", *Scientific Research and Essays*, 2007, 2(11), pp 486-490 (**IF: 0.324**).
- (48) **D. K. Pal et al**, "Evaluation of the Antioxidant Activity of Aerial parts of *Cynodon dactylon*", *Asian J. Chem.*, 2008, 20(3), pp 2479-2481 (**Impact factor: 0.266**).
- (49) **D.K. Pal et al**, "Effects of methanol extract of *Cuscuta reflexa* Roxb. Stem and *Corchorous olitorius* Linn. Seed on male reproductive system in mice", *OPEM*, 2009, 9 (1), 49-57.
- (50) **D.K. Pal et al**, "Evaluation of CNS activities of the Ethanol Extract of Roots and Rhizomes of *Cyperus rotundus* in Mice", *Acta Pol Pharm Drug Res*, 2009, 66(5), 535-541 (**Impact factor: 0.465**).
- (51) **D.K.Pal et al**, "Antioxidant potential of Crude Extract and its Different Fraction of Methanol Extract of *Enhydra fluctuans* Lour.," *Iranian J Pharm. Res.*, 2010, 9(1), 75-82 (**Impact factor: 0.235**).
- (52) **D.K.Pal et al**, "Hepatoprotective Potential of Flavonoid Rich Fraction of *Enhydra fluctuans* Lour Against CCl₄ Induced Oxidative Damage in Rats", *Pharmacologyonline*, 2009, 2, 575-586.
- (53) **D.K.Pal et al**, "In-Vitro Antioxidant Activity of the Roots of *Melothria heterophylla* (Lour) Cogn.", *Pharmacologyonline*, 2009, 2, 499-509.
- (54) **D.K.Pal et al**, "In vitro Antioxidant Activity of methanolic Extract of *C. infortunatum*", *OPEM*, 2009, 9(2), 128-134.
- (55) **D.K. Pal**, "Determination of Brain Biogenic Amines in Ethanolic Extract of *Cynodon dactylon* Pers and *Cyperus rotundus* L.Treated Mice", *International J Pharm. and Pharm. Sci.* 2009, 1(1), pp 190-197 (**Impact factor: 0.38**).
- (56) **D.K. Pal**, "CNS Depressant Activities of Roots of *Cocos nucifera* in mice", *Acta Pol Pharm Drug Res*, 2011, 68(2), 249-254. (**Impact factor: 0.465**).
- (57) **D.K.Pal et al**, "Antioxidant Activity of Aerial Parts of *H. difformis*", *Asian J Chem*, 2009, 22(3) 2459-2461 (**Impact factor: 0.266**).
- (58) **D.K.Pal et al**, "The in Vitro Antioxidant Activity of Leaves of *F. rumphii* Blume", *Asian J Chem*, 2010, 22 (10) 8246-8248 (**Impact factor: 0.266**).
- (59) **D.K.Pal et al**, "CNS activities of Ethanol Extract of aerial parts of *H. difformis*", *Acta Pol Pharm Drug Res*, 2011, 68(1), 75-81 (**Impact factor: 0.465**).
- (60) **DK Pal et al**, "A study on the Antioxidant Activity of Aerial Parts of *C. coromandeliane* Vahl and *M.ferrae* Linn", *Pharmacologyonline*, 2009, 3, 200-203.
- (61) **D K Pal et al**, "A preliminary study on the *in vitro* antioxidant activity of seeds of *Aesculus indica* and barks of *Populus euphratica*", *IJPPS*, 2012,4(4), 249-250 (**Impact factor: 0.38**).
- (62) **DK Pal et al**, "Antihyperglycaemic effect of *Vertiveria zizanioides* root extract in normal and alloxan induced diabetic rats", *Asian J of Chemistry*, 2012, 1-3 (**Impact factor: 0.266**). .
- (63) **DK Pal**, "Evaluation of antisteroidegic Activity of *C. coromandeliane* Vahl", *Asian J Exp Biol. Sci*, 2010 , 1(2), 321-324.
- (64) **DK Pal et al**, "Nanotechnology for Targeted Delivery in Cancer Therapeutics", *IJPSRR*, 2010 (1), 1-7.
- (65) **DK Pal et al**, "Hepatoprotective Potential of Methanol Extract of *Clerodendrum infortunatum* Linn against CCl₄ Induced Hepatotoxicity in Rats, *Pharmacognogy Magazine*, 2009, 5(20), 394-399 (**Impact factor: 1.159**).
- (66) **D.K.Pal**, "Comparative analysis of *in vitro* antioxidant activity of two selected plants with a reference to antidiabetic profile, *Asian Journal of Chemistry*, 2013, 25(4), 2165-2169 (**Impact factor: 0.266**).
- (67) **D.K.Pal et al**, "The potential of *Trigonella foenum –graceum* L seed mucilage as innovative suspending agent, *IJPER*, 2012 (**in press**) (**Impact factor: 0.344**).
- (68) **D.K.Pal et al**, "Natural Polysaccharides for Drug Delivery in Tissue Engineering Applications", *Everyman's Science*, 2012,46(6), 347-352.
- (69) **D.K.Pal et al**, "Evaluation of Anthelmintic Activity of *M scandens* (L)", *Asian J Chem*, 2012, 24(1), 1397-1398 (**Impact factor: 0.266**). .
- (70) **D.K.Pal et al**, "Role of TLR Signalling in course of Infection: A Review", *Journal of Pharmacy Research (JPR)*, 2010, 3(2), 401-404.
- (71) **D.K.Pal et al**, "Oxygen dependent regulation of Ehrlich Ascites carcinoma cell respiration by garlic acid and rutin isolated from *Melothria heterophylla* (lour) Cogn, *Asian J of Chemistry*, 2012, 24(6), 2648-2650 (**Impact factor: 0.266**).

- (72) **D.K.Pal et al**, “Fractionation of Stigmasterol derivative and study of the effects of petroleum ether extract of aerial parts of *Celsia coromandeliana* Vahl on Onset of Puberty and Ovarian Steroidogenesis in immature mice”, *Pharmaceutical Biology*, 2011, 1-7 (**Impact factor: 0.878**).
- (73) **DK Pal et al**, “Comparative in vitro Bioequivalence Analysis of Some Ciprofloxacin Generic Tablets”, *IJPSR*, 2010, 1(8), 51-57.
- (74) **D.K.Pal et al**, “A Preliminary study on the In vitro Antioxidant Activity of the stems of *O. vulgaris*”, *JAPTR*, 2010, 1(2), 268-272.
- (75) **D. K. Pal et al**, “Evaluation of Anthelmintic Activity of *Cynodon dactylon*”, *Ancient Science of Life*, 2010, 30(1), 12-13.
- (76) **(68) D.K.Pal et al**, “Analgesic and Anthelmintic Activity of *Vertiveria zizanioides* Root”, *Journal of Pharmacy Research (JPR)*, 2010, 3(4), 893-894.
- (77) **D. K. Pal et al**, “Development of novel ibuprofen loaded gelatin microcapsules by single emulsion solvent evaporation technique from an aqueous system”, *Pharm Bit*, 2010, 21(1), 33-41.
- (78) **D.K.Pal et al**, “Antidiabetic activity of *Smilax chinensis* L. extract in streptozotacin induced rats”, *International J Phytopharmacology*, 2010, 1(2), 16-21.
- (79) **D.K.Pal et al**, “Hepatoprotective activity of *Smilax chinensis* L. in CCl₄ induced hepatotoxicity in rats”, *International J of Biological & Pharmaceutical Research*, 2010, 1(2), 72-75.
- (80) **D.K.Pal et al**, “Antidiabetic activity of *Smilax chinensis* L. extract in alloxan induced rats”- *International J Pharmacy and Pharmaceutical Sciences*, 2010, 2(supply 2),51-54 (**IF: 0.38**). .
- (81) **D.K.Pal et al**, “Investigation on crosslinking density for the development of novel interpenetrating polymer network (IPN) based formulation”, *Journal of Scientific and Industrial Research (JSIR)*, 2010, 69,777-784(**CSIR, Impact factor: 0.587**).
- (82) **D.K.Pal et al**, “Dietary Induced Cancer Prevention: An Expanding Research Arena of Emerging Diet, related to health care system”, *JAPTR*, 2012, 16-24.
- (83) **D.K.Pal et al**, “Microsponge: A novel Strategy for Drug Discovery System”, *JAPTR*, 1(2), 283-290.
- (84) **D.K.Pal et al**, “Evaluation of *Spinacia oleracea* L. leaves mucilage as innovative suspending agent”, *JAPTR*, July-Sept 2010, 1(3), 338-341.
- (85) **D.K.Pal et al**, “Studies on *Basella alba* L. leaves mucilage: Evaluation of suspending properties”, *International J of Drug Discovery and Technology*, 2010, 1(1), 15-20.
- (86) **D.K. Pal et al**, “Biological activities and medicinal properties of *Cajanus cajan* (L) Millsp: A Review”, *JAPTR*, 2011, 2(4), 207-214.
- (87) **D K Pal et al**, Antidiabetic effect of *Streblus asper* in streptozotacin –induced diabetic rats, *Pharmaceutical Biology*, 2012 (**Impact factor: 0.878**). (in press).
- (88) **D K Pal et al**, Isolaton and in vivo hepatoprotective activity of *Melothria heterophylla* Lour Cogn. against chemically induced liver injuries in rats, *Asian Pacific Journal of Tropical Medicine*, 2011 (**ELSEVIER**) , 8, 619-623.
- (89) **D K Pal et al**, *HPTLC Determination of Phenolic Compounds and antioxidant activity of the aerial parts of Melothria heterophylla Lour Cogn.*, *International Journal of Drug Development & Reasearch (IJDDR, Elsevier)*, Oct- Dec 2010, 2(4), 750-757.
- (90) **D K Pal et al**, *Synthesis of Methacrylic acid and polyethylene glycol hydrogel for delivery of atrovastin, Insulin and Theophyllene in hyperlipidemic rats*”, *International J of Drug Formulation & Research (IJDFR)* , 2012, (ISSN 2229-5054), 1(ii), 292-308.
- (91) **D K Pal et al**, Antidiabetic effect of the roots of *Streblus asper* in alloxan-induced Diabetes Mellitus in mice, *Asian J Chem*, 2012, 24(1), 422-424 (**Impact factor: 0.266**).
- (92) **D K Pal et al**, “Rapid analytical procedure for citicoline in bulk and pharmaceutical dosage form by UV Spectrophotometer”, *Journal of Applied Pharmaceutical Sciences*, 2011, 1(6), 191-193.
- (93) **D K Pal et al**, “Hepatoprotective activity of *Symplocox racemosa* Roxb bark extract in CCl₄ induced iver damage in rats”, *International J of Innovative Pharmaceutical Research*, 2011,2(3), 147-150.
- (94) **D K Pal et al**, “Studies on antidiabetic potential of *Symplocox racemosa* Roxb bark extract in streptozotacin induced diabetic rats”, *International J of phytopharmacy Research*, 2012, 3(1), 1-5.
- (95) **D K Pal et al**, Hypoglycaemic effect of *Melothria heterophylla* in streptozotacin induced diabetic rats, *Pharmaceutical Biology*, 2012, 1-6 (**Impact factor: 0.655**). .

- (96) **DK Pal et al**, "Fabrication and assessment of polyacrylate (guar gum modified bentonite) superabsorbent polymeric composite", *Journal of polymer Engineering*, 2011, 567-575 (**IF: 0.493**).
- (97) **D K Pal et al**, Synthesis and characterization of poly (acrylic acid)/poly (vinyl alcohol)-xanthan gum interpenetrating network (IPN) superabsorbent polymeric composites. *Polymer Plastic Technology and Engineering*, 2012, 51(9), 876-882 (Taylor and Francis) (**impact factor 0.557**).
- (98) **D K Pal et al**, "Synthesis of some novel 4, 6-disubstituted derivatives, and evaluation of their antimicrobial activity", *International Journal of Pharmaceutical, Chemical and Biological sciences*, , 2012, 2(1), 97-103.
- (99) **D K Pal et al**, "Hydroxamic acid- a novel molecule for anticancer therapy", *JAPTR*, 2012 (in press).
- (100) **D K Pal et al**, "Importance of pyrazole moiety in the field of cancer", 2012, *IJPPS*, 4(2),98-104 (**Impact factor: 0.344**).
- (101) **D K Pal et al**, Ionotropically-gelled mucoadhesive beads for oral metformin HCl delivery: Formulation, optimization and antidiabetic evaluation", 2012, *Journal of Scientific and Industrial Research*, (CSIR) 2012, (**IF: 0.563**) (accepted).
- (102) **D K Pal**, "Anthelmintic activity of *Hygrophila difformis* Blume", *Journal of Buffalo Science*, 2012, 1, 35-38.
- (103) **D K Pal**, Statistical optimization and characterisation of potato starch blended alginate beads containing tolbutamide, *Asian J Pharmaceutics*, 2012 (in press) (**IF: 0.563**).
- (104) **DK Pal**, Development and optimization of jackfruit seed starch alginate mucoadhesive beads containing pioglitazone, *Current Drug Delivery*, 2012 (in press).

(B) Abstract\ Proceeding: Total No-76; International: 42, National: 34

(C) Review Articles: 09

Presentation of Abstracts and participation in different conferences: Total no 19.

Participation in international conferences: 02

- (i) Bosch Annual Scientific Meeting on "**Cancer-The way Forward**" held on 29-30th November, 2010 in Eastern Avenue Auditorium, The University of Sydney, NSW, **AUSTRALIA**.
- (ii) "**Cancer Research Network Research Symposium**" held on 3rd December, 2010, New Law Lecture Theatres 104 & 106, The University of Sydney, **Australia**.

Additional Informations:

1. **Ph. D.Guided:** 04
 2. **M. Pharm and M. Sc Guided:** Guided: Total 38.
 3. **Ph D Thesis Examiner (as Expert) :** 06
 4. **Reviewer of scientific journals:** 26
 5. **Editorial Board Member of Scientific Journals:** 27
6. **Member Scientific Services Committee**, IPA and APTI State Level conference, 2007, Jeypore, Orissa. .
7. **Participations (Seminars/ Conferences/ Symposium/ Workshop/ Summer & Winter School/ Refresher and Orientation Courses):**
- a. The **Workshop** on Modern Trends In Analytical Techniques and Monitoring of Bio-availability in Pharmaceutical Industries organised by P.E.D.D.I. and IDMA, W.B. on 4th-5th April '98 at Jadavpur Univ. -2 days
 - b. **Enterprenurship Development Programme (E.D.P.)** organised by FOSMI and IIPC (J.U.) on Feb-March ,1999 at Jadavpur University, Kolkata. -1 month
 - c. Short Term Course on Frontiers of Pharmaceutical Technology of **Quality Improvement Programme (Q.I.P.)** under the AICTE on 16th -27th August, '99 at Jadavpur Univ. -2 wks
 - d. **Quality Improvement Programme (Q.I.P.)** under AICTE on 26 - 31st March 2001 at Dept. Of Pharmaceutical Technology, Jadavpur University. -1 week
 - e. Short term **Training Programme on "Design and Development of Laboratory Instruction in Technical Education"** Sponsored by ISTE on 11-24 Feb., 2002 at TTTI, Kolkata. -2 weeks
 - f. **Refresher Course** on "Monitoring and Analysis of Fermentation Data- Principle and Practice", in The Dept of F.T.B.E., Jadavpur University, Kolkata, on 15 May – 05 June, 2002, sponsored by UGC. -3 weeks

- g. **Refresher Course** on “Trends in Drugs and Pharmaceuticals”, in the Dept of Pharmacy, Jadavpur University, 10-30 Sept, 2002, sponsored by UGC and obtained Grade A. -3 wks.
- h. **Quality Improvement Programme (Q.I.P.)** on “Current Development and Direction for Drug Research and its Future Beyond 2025” under AICTE on 4th –19th July, 2005 at Dept. Of Pharmaceutical Technology, Jadavpur University, Kolkata. -2 weeks.

OTHER INFORMATIONS

- (i) Resource Person and Chairman: 1st SPER conference at 2012 at DIPSAR, New Delhi in Division of Pharmaceutical Chemistry.
- (ii) Examiner and paper setter of Different Universities.
- (iii) Ex-PG (Pharmaceutical Chemistry) Course Co-Ordinator: since July 2002 to 2009 in SIPS.
- (iv) Member Scientific Services Committee, IPA & APTI State Level Conferences, 2007, 2008.
- (v) Member of Advisory Committee of Staff Development Programme (SDP) sponsored by AICTE, New Delhi, organized in College of Pharmacy, IFTM, Moradabad.
- (vi) Ex-Member DRC Committee, IFTM University in 2010-11
- (vii) Ex-Member Board of Studies, IFTM University in 2010-11

RESOURCE PERSON FOR INSPECTION FOR APPROVAL OF TECHNICAL INSTITUTION

1. Pharmacy Council of India (PCI), New Delhi

COUNTRY VISITED: Australia, Singapore, Thailand

MEMBER OF DIFFERENT PRESTIGIOUS PROFESSIONAL ORGANISATION:

- (a) Member of the International Society for the Study of the Xenobiotics (ISSX) (USA).
- (b) Life member of Indian Pharmaceutical Association (I.P.A.)
- (c) Fellow Institution of Chemists (F.I.C.)
- (d) Life member of Indian Society for Technical Education (I.S.T.E.)
- (e) Life member of Association of Indian Chemical Society (F.I.C.S.)
- (f) Life member of Association of Indian Journal of Natural Products
- (g) Life member of Indian Science Congress Association (I.S.C.A.)
- (h) Life member of Association of Pharmaceutical Teachers’ of India (A.P.T.I.)
- (i) Member of Asian Journal of Chemical Society (AJCS).
- (j) Declared “Chartered Chemist” by “Institution of Chemists”.
- (k) Member of International Institute of Education and Management”, Delhi
- (l) Member of Indian Solidarity Council, New Delhi.
- (m) All India Achievers Foundation
- (n) Life member of “Society of Pharmaceutical Education and Research” (SPER).