



1. Name of the faculty: Dr. Arjun Patra

2. Designation and specialization:
Assistant Professor; Pharmacognosy

3. Educational qualification:

- **Ph.D. (Pharmaceutical Sciences) (2011)** from Birla Institute of Technology, Ranchi.
- **M. Pharm. (Pharmacognosy) in 2004** from Birla Institute of Technology, Ranchi.
- **B. Pharm. (2002)** from Berhampur University, Berhampur, Orissa.
- **Intermediate in Science (1994)** from Council of Higher Secondary Education, Odisha.
- **Matriculation (1992)** from Board of Secondary Education, Odisha.

4. Contact information (Address, email and cell no):

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5. Date of joining: 30/12/2011

6. **Past employment (From latest):**

- Worked as **Assistant Professor** in Department of Pharmacy, **Banasthali University**, Rajasthan from July, 2010 to December, 2011.
- Worked as **Assistant Professor, Senior Lecturer & Lecturer** in College of Pharmacy, **IFTM**, Moradabad during October, 2007 to July, 2010.
- Worked as **Lecturer** at **Royal College of Pharmacy and Health Sciences**, Berhampur, Odisha from July, 2004 to October, 2007.

7. **List of publication/patents (National and international):**

- Comparative analysis of evaluation approaches of applications. *Pharma Bio World*. 9(12): 76-84 (2011).
- Enhancement of potency of streptokinase isolated from *Streptococcus pyogenes* by conjugation with polyethylene glycol-200. *Pharm. Ind.* 73(7): 1317-1323 (2011). **ISSN: 0031-711X**.
- DNA Vaccines: An Ultimate Immunomodulator. *IJPI'S Journal of Biotechnology and Biotherapeutics*. 1(4): 20-25 (2011). **ISSN 2229 – 6824**.

- Antidiarrhoeal activity of roots of *Cicer arietinum* Linn. *International Journal of Research in Pharmaceutical and Biomedical Sciences*. 2 (1): 268-270 (2011). **ISSN: 2229-3701**.
- Biotechnological approach to evaluate immunomodulatory activity of alcoholic extract of *Tinospora cordifolia* stem (mango plant climber). *Iranian Journal of Pharmaceutical Sciences* (Accepted).
- Diuretic activity of different extracts of leaves of *Hygrophila spinosa* T. Anders (Acanthaceae). *Indian Drugs*. 48(07): 50-53 (2011).
- Antidiarrhoeal activity of *Ailanthus excels* stem bark. *International Journal of Pharmacy & Technology*. 2(4): 1011-1015 (2010). **ISSN: 0975-766X**.
- Pharmacognostical Standardization of Leaves of *Xanthium strumarium* Linn. *Pharmacognosy Journal*. 2(12): 492-497 (2010). **ISSN: 0975-3575**.
- Antipyretic activity of roots of *Cicer arietinum* Linn. *Journal of Chemical and Pharmaceutical Research* 2(4): 252-256 (2010). **ISSN No: 0975-7384**.
- Antipyretic activity of roots of *Argyreia speciosa* (burm. f.) Bojer. *International Journal of PharmTech Research*. 2(4): 2165-2167 (2010). **ISSN: 0974-4304**.
- Quality Control Studies of *Ochrocarpus longifolius* Flower Buds. *Pharmacognosy Journal*. 2(6): 118-123 (2010). **ISSN: 0975-3575**.
- A brief Review on Swine Flu. *Research Journal of Pharmacology and Pharmacodynamics*. 2(1): 54-58 (2010). **ISSN 0975-4407**.
- Assessment of Prescription Errors Related to Antimicrobials -A Prospective Study. *International Journal of Pharma and Bio Sciences*. 1(2): 1-7 (2010). **ISSN 0975-6299**.
- Assessment of School and College Students Awareness about AIDS in Urban Area. *Research Journal of Pharmaceutical Biological and Chemical Sciences*. 1(3): 15-22 (2010). **ISSN: 0975-8585**.
- Cytomorphological Studies on Stem of *Luffa echinata* Roxb. *Journal of Young Pharmacists*. 2(3):252-254(2010).**ISSN:09751483; EISSN: 09751505**.
- Isolation and characterization of stigmast-5-en-3 β -ol (β -sitosterol) from the leaves of *Hygrophila spinosa* T. Anders. *International Journal of Pharma Sciences and Research*. 1(2): 95-100 (2010). **ISSN: 0975-9492**.
- Antibacterial activity of the leaves and stem bark of *Ailanthus excelsa* Roxb. *Pharmacologyonline* (Newsletter) 1: 913-916 (2010). **ISSN: 18278620**.

- Evaluation of anticonvulsant activity of *Pachyrrhizus erosus* seeds by pentylenetetrazole induced convulsion in mice. *Pharmacologyonline* (Newsletter) 1: 382-385 (2010). **ISSN:** 18278620.
- Assessment of the current practice regarding diarrhea management by Pharmacists / chemist in Moradabad. *International Journal of Applied Biology and Pharmaceutical Technology* 1(1); May-July 138-144 (2010). **ISSN:** 0976-4550
- Antimicrobial activity of “Trinpanchmool” drugs. *Archives of Applied Science Research* 2(3): 183-187 (2010). **ISSN:** 0975-508X.
- Pharmacognostical standardization of roots of *Imperata cylindrica* Linn (Poaceae). *Journal of Pharmaceutical Sciences and Research* 2(8): 472-476 (2010). **ISSN:** 0975-1459.
- A report on GIT disorders and related complications in coal miners. *Archives of Applied Science Research* 2(3): 231-237 (2010). **ISSN:** 0975-508X.
- Swine Flu-An Article Review. *International Journal of Pharma World Research* 1(2): 1-16 (2010). **ISSN** 0976-111X.
- Antibacterial activity of roots of *Argyreia speciosa* (Burm. f.) Bojer. *Journal of Chemical and Pharmaceutical Research* 2(3): 47-50 (2010). **ISSN No: 0975-7384.**
- Impact of Counseling on Diabetic Patients. *International Journal of Pharmaceutical and Clinical Research* 2(2): 72-75 (2010). **ISSN: 0975 1556.**
- Antibacterial activity of roots of *Cicer arietinum* Linn. *Journal of Chemical and Pharmaceutical Research* 2(3): 43-46 (2010). **ISSN No: 0975-7384.**
- Anti-inflammatory and antipyretic activities of *Hygrophila spinosa* T. Anders Leaves (Acanthaceae). *Tropical Journal of Pharmaceutical Research* 8(2): 133-137 (2009). **ISSN:** 1596-5996.
- Preliminary phytochemical screening and antipyretic activity of leaf and root of *Hygrophila spinosa* T. Anders. *Pharmacologyonline* 1: 449-453 (2009). **ISSN:** 18278620.
- Simultaneous determination of epinephrine and norepinephrine by high performance liquid chromatography. *Scientia Pharmaceutica* 77: 367-374 (2009). doi: 10.3797/scipharm.0902-07. **ISSN** 0036-8709, e-**ISSN** 2218-0532.
- Antiinflammatory activity of *Withania coagulans* Dunal fruits. *Pharmacologyonline* (Newsletter) 1: 125-127 (2009). **ISSN:** 18278620.

- Antibacterial activity of *Hygrophila spinosa* T. Anders leaves – a comparative study. *International Journal of PharmTech Research* 1(3): 837-839 (2009). **ISSN:** 0974-4304.
- Antidiabetic Activity of Aqueous Extract of *Eucalyptus citriodora* Hook. in Alloxan Induced Diabetic Rats. *Pharmacognosy Magazine* 5(19) suppl: 51-54 (2009). **ISSN:** 0973-1296.
- Pharmacognostical standardization of leaves of *Hygrophila spinosa* T. Anders. *Pharmacognosy Journal*. 1(2): 82-87 (2009). **ISSN:** 0975-3575.
- Hepatoprotective activity of aerial parts of *Plumbago zeylanica* Linn. against carbon tetrachloride-induced hepatotoxicity in rats. *International Journal of Pharmacy & Pharmaceutical Sciences*. 1(Suppl 1) Nov.-Dec.: 171-175 (2009). **ISSN-** 0975-1491.
- Pharmacognostical Evaluation of *Cicer arietinum* Linn. *Pharmacognosy Journal*. 1(3): 195-200 (2009). **ISSN:** 0975-3575.
- Pharmacognostical Evaluation of *Argyreia speciosa* (Burm.f.) Bojer. *Pharmacognosy Journal*. 1(3): 227-232 (2009). **ISSN:** 0975-3575.
- Impact of Clinical Pharmacist's Intervention on Use of Antimicrobial in Dermatology Department in Tertiary Care Hospital. *Indian journal of Pharmacy Practice*. 2(2), Apr-Jun: 66-70 (2009).
- Phytochemical and pharmacological potential of *Hygrophila spinosa* T. Anders. *Pharmacognosy Review*. 3(6): 330-341 (2009). **ISSN:** 0973-7847.
- Pharmacognostical studies on stem bark of *Gmelina arborea* Roxb. *Indian Journal of Natural Products*. 25(4): 21-27 (2009).
- Analgesic and antimotility activities of leaves of *Hygrophila spinosa* T. Anders. *Pharmacologyonline* 2: 821-828 (2008). **ISSN:** 18278620.
- Pharmacognostical studies on *Gelsemium sempervirens* Ait. Root. *Pharmacognosy Magazine* 4(16) (suppl.): S212-S215 (2008). **ISSN:** 0973-1296.
- Antibacterial activity of the leaves of *Abutilon indicum* Linn. *PHARMBIT*, XVII (1): 74-75 (2008). **ISSN** 0973-6204.
- Subchronic toxicity study of alcoholic extract of *Pachyrrhizus erosus* (Linn.) seeds. *Pharmacologyonline* 3: 504-508 (2008). **ISSN:** 18278620.
- Anxiolytic effect of *Ocimum gratissimum* on the elevated plus maze model of anxiety in mice. *Pharmacologyonline* 3: 244-249 (2008). **ISSN:** 18278620.

- Anthelmintic and antibacterial activities of *Hygrophila spinosa* T. Anders. *Research Journal of Pharmacy and Technology* 1(4): 531-532 (2008). ISSN 0974-3618.

8. List of Presentation (National and international):

- **Arjun Patra**, Rishikant Tripathy, Pradeep Kumar Samal. Physicochemical and Preliminary Phytochemical Studies on *Delphinium ajacis*. National Symposium on Plant Biology and its Role in Sustainable Food and Energy Production at GGV, Bilaspur (17-18 March, 2012)
- **Arjun Patra**, Viren Kumar Yadav. Pharmacognostical Studies of *Callicarpa macrophylla* Vahl. Stem. UGC sponsored national seminar on Standardization of Herbal Formulations: A Holistic Goal at GGV, Bilaspur (25-26 February, 2012).
- **Arjun Patra**, S. Jha, P.N. Murthy, Tirath Kumar. Preliminary phytochemical screening and antipyretic activity of *Hygrophila spinosa* T. Anders leaf and root. *60th IPC*, held at New Delhi (12th-14th Dec, 2008).
- **Arjun Patra**, S. Jha, P.N. Murthy, R.N. Panigrahi, A.K. Wahi. Pharmacognostical studies on the leaf of *Hygrophila spinosa* T. Anders. Abstract no.138, pg 90. *3rd IPA & APTI state level Convention* at Roland Institute of Pharmaceutical Sciences, Berhampur, Orissa (2008).
- **Arjun Patra**, S. Jha, P.N. Murthy, D. Roy. Antinociceptive activity of *Hygrophila spinosa* T. Anders. *2^{dn} IPA & APTI state level Convention* at Jeypore College of Pharmacy, Jeypore, Orissa (2007).
- **Arjun Patra**, S. Jha, Anuradha Mishra. Antidiabetic activity of *Eucalyptus citriodora* on alloxan induced diabetic rats. *IPA & APTI state level Convention* at Royal college of Pharmacy and Health Sciences, Berhampur, Orissa (2006).
- **Arjun Patra**, S. Jha, P.N. Murthy, Sandeep Ahlawat. Anti-inflammatory and antipyretic activities of *Hygrophila spinosa* T. Anders Leaves (Acanthaceae). *International-Herbal Conference*, Bangalore. (26th-28th Feb., 2009).
- **Arjun Patra**, S. Jha, P.N. Murthy, Manik, A. Sharone. A sterol from *Hygrophila spinosa* T. Anders (Acanthaceae) leaf. *APTICON-2009* at LM College of Science & Technology, Jodhpur, Rajasthan (3rd – 4th October, 2009).
- **Arjun Patra**, S. Jha, P.N. Murthy, Vasco Dwivedi. Diuretic activity of *Hygrophila spinosa* T. Anders (Acanthaceae) leaf. *61st IPC*, held at Ahmedabad (11th-13th Dec, 2009).

- **Arjun Patra**, S. Jha, P.N. Murthy, Manik. 5,7-Dihydroxy-2-(4-hydroxyphenyl)-4H-1-benzopyran-4-one from the leaves of *Hygrophila spinosa* T. Anders (Acanthaceae). Orissa Pharmaceutical Conference-2010, Berhampur, Orissa.
- **Arjun Patra**, Rimpal Joshi, Pankaj Kumar Jain, Richa Pathela, Rishikant Tripathi. Antimicrobial activity of different extracts of *Sesbania grandiflora* leaf. IPC-2010.
- **Arjun Patra**, Richa Pathela, M. Abid. Comparative anti-inflammatory and antipyretic activities of *Tinospora cordifolia* (Willd.) Miers ex Hook. f. & Thoms. from six different host plants. International Conference on Recent Advances in Pharmaceutical Sciences. Banaras Hindu University, Varanasi (December 22-23, 2010).

9. Books published: Nil

10. Research experiences: 08 years

11. Research Project details: Nil

12. Research area (Interest): Quality control and standardization of herbals with special reference to phytopharmacology.