

## CURRICULUM VITAE

**Dr. Suvakanta Dash, M.Pharm., Ph.D, DSc.**

***Principal***

Regional Institute of Pharmaceutical Science and Technology

(An Institute of Govt of Tripura)

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### **OBJECTIVE**

Exploitation of knowledge from practical field and use it in subsequent practical work to contribute towards the growth of the organization.

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### **EDUCATIONAL CREDENTIALS**

<b>Exam. Passed</b>	<b>Year of Passing</b>	<b>Division/ Class</b>	<b>P.C. of Marks</b>	<b>University</b>
1. B.Pharm.	1991	I	68.23	Sambalpur University, Orissa
2. M.Pharm. (Biopharmaceutics)	1999	I	69.14	Shivaji University, Kolhapur.
3. Ph.D. (Pharmacy)*	2007	--	---	University of North Bengal, W.B.
4. DSc (Pharmacy)**	2015	--	--	Berhampur University, Odisha.

\* PhD Topic: Chemical and Pharmacological Evaluation of *Colebrookea opositifolia* Smith  
and *Heracleum nepalense* D. Don DC.

**\*\*DSc Topic: Evaluation and Optimization of Polysaccharides derived from *Musa sapientum* and *Hibiscus esculentus* as Pharmaceutical Excipients.**

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**TEACHING EXPERIENCE**

<b>Sl. No</b>	<b>Post Held</b>	<b>Institution/ College</b>	<b>Total Experience</b>
<b>1</b>	<b>Lecturer</b>	<b>Orissa College Of Pharmacy</b>	<b>2 years and 8 Months</b>
<b>2</b>	<b>Lecturer</b>	<b>Gayatri College of Pharmacy</b>	<b>1 years and 7 Months</b>
<b>3</b>	<b>Lecturer</b>	<b>Himalayan Pharmacy Institute</b>	<b>5 years</b>
<b>4</b>	<b>HOD (Pharmaceutics)</b>	<b>Himalayan Pharmacy Institute</b>	<b>6 years</b>
<b>5</b>	<b>Professor Cum Principal</b>	<b>Girijananda Chowdhury Institute Of Pharmaceutical Sciences.</b>	<b>11 years</b>
<b>6</b>	<b>Guest Faculty</b>	<b>NIPER, Guwahati</b>	<b>09 years</b>

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**RESEARCH INTERESTS**

Effect of Natural Sources on Bioavailability and Pharmacokinetics of Xenobiotics, Formulation and Evaluation of Novel Drug Delivery Systems, Screening of Natural sources as Disintegrants and Binders, Screening of natural sources as Immunostimulant and Anti HIV drug.

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### M. Pharm & Ph. D GUIDANCE

- Screening of Natural sources as disintegrants and Binders, Screening of natural sources as Immunostimulant and Anti HIV drug.
  - No of students guided for M. Pharm Project work **17 (NBU& NIPER, Guwahati)**
  - No of Ph. D Scholars awarded under guidance :                   **02** (Gauhati University, Assam)  
**01** (Berhampur University, Odisha)  
**01** (NIPER, Guwahati)
  - No of Ph. D Scholars registered under guidance :           **06** (Gauhati University, Assam)
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### AWARDS AND GRANTS RECEIVED

Received grants from A.I.C.T.E, New Delhi, in R.P.S, ICMR and MODROB Projects.

Ongoing Research Project:    03

Completed Research Project:  04

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### INSTRUMENTAL SKILLS/ PROFESSIONAL TRAINING

HPLC

UV-VIS Spectrophotometer

USP Dissolution test apparatus

CO<sub>2</sub> Incubator

Gas Chromatography.

Clinical Pharmacy Training at Shri Intensive Care Unit, Karad, Maharashtra.

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### PROFESSIONAL ACTIVITIES/ AFFILIATIONS

- Life Member of IPA (Indian Pharmaceutical Association).
- Life Member of APTI (Association of Pharmaceutical Teachers of India).

- ✚ Life member of IHPA (The Indian Hospital Pharmacists Association).
  - ✚ Editor of Asian Network for Scientific Information and Academic Journals Inc.
  - ✚ Editorial Advisory Board member of Research Journal of Pharmaceutical, Biological and Chemical Science.
  - ✚ Editorial Board Member of Nanoscience and Nanotechnology.
  - ✚ Inspector of Pharmacy Council of India (PCI) & Gauhati University.
  - ✚ Examiner/ Paper evaluator for M.Pharm (Pharmaceutics) and B.Pharm course of the University of North Bengal.
  - ✚ Member of Departmental Research Committee of University of North Bengal.
  - ✚ Member of expert committee of M.Pharm course of University of North Bengal.
  - ✚ Member of Asian Journal of Chemistry.
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### **PATENT**

Polyherbal formulation for treatment of painful diabetic neuropathy, Application no: 201631008543, Filed on 11/03/2016.

### **PUBLICATIONS AND SEMINARS**

1. **Dash, S.**, Bhise, S.B., & Dachinamoorthy, D. (2004), Effect of aqueous extract of *C.oppositifolia* on bioavailability of amoxicillin in rabbit, **Indian Drugs**, 41(4), 231-235.
2. Dachinamoorthi, D., **Dash, S.**, Mariappan, G & Sangeetha, K. (2004), Spectrophotometric determination of Gatifloxacin in pharmaceutical formulation. **The Pharma Review**, September, 120-123.
3. Dachinamoorthy, D., Sangeetha, K., **Dash, S.**, Basak, S. & Jayprakash, S. (2005), Design and Evaluation of ofloxacin once a day occusert, **The Pharma Review**, October, 133-135.
4. **Dash, S.**, Nath, L.K., Bhise, S & Bhuyan, N. (2005), Antioxidant and antimicrobial activities of *H.nepalense* D. Don DC Root, **Tropical Journal of Pharmaceutical Research**, 4 (1), 341-347.

5. **Dash, S.**, Nath, L.K., Bhise, S & Bhattacharya, S. (2006), Isolation and characterization of catechin glycoside from the leaves of *C.oppositifolia* Smith, **Journal of Ethnomedicinal Research**, 9, 161-163.
6. **Dash, S.**, Bhise, S., Nath, L.K & Bhattacharya, S. (2006), A flavonoids from the roots of *Heracleum nepalense* D.Don. **Asian Journal of Chemistry**, 18 (2), 1581-1582.
7. **Dash, S.**, Bhise, S., Nath, L.K., Bhattacharya, S & Kar, P.K. (2006), Stimulation of immune function activity by the alcoholic root extract of *Heracleum nepalense* D.Don. **Indian Journal of Pharmacology**, 38 (5), 336-340.
8. Kar, P.K., Nath, L.K., **Dash, S.**, Sutherson, L. & Nanda, B. (2007), Hepatoprotective effect of the ethanolic extract of *Urtica parviflora* Roxb in CCl<sub>4</sub> treated rats, **International Journal of Pharmacology**, 3 (4), 362-366.
9. Chanda, R., Nath, L.K., Mahapatra, S. & **Dash, S.** (2008). Design and Evaluation of Mucoadhesive Controlled Release oral Tablets of Terbutaline Sulphate using some natural mucoadhesive materials. **Indian Drugs**, 45 (9), 743-746.
10. Chanda, R., Nath, L.K., **Dash, S.** & Mahapatra, S. (2008). Design and Evaluation of Mucoadhesive Controlled Release oral Tablets of Terbutaline Sulphate using some natural materials. **International Journal of Pharma Sci Tech**, 1 (1), 15- 21.
11. Choudhury, A., **Dash, S. K.**, Roy, A., Bahadur, S., Saha, S. & Das, S. (2009). Design and Evaluation of Ranitidine Hydrochloride Floating Tablets for oral controlled release. **Research Journal Pharma. Dosage Forms and Tech.** 1(2), 167-170.
12. **Dash, S.**, Murthy, P. N., Nath, L. K & Chowdhury, P. (2010). Kinetic Modelling on drug release from controlled drug delivery systems. **Acta. Pol. Pharmaceutica – Drug Research**, 67 (3), 217- 223.
13. Choudhury, P. K., Murthy, P. N., **Dash, S.**, Mazumder, R. & Goswami, D. (2010). Formulation and In-Vitro Evaluation of Ethyl Cellulose Microspheres by Novel Quasiemulsification Method for Colonic Delivery of Metronidazole, **Research Journal of Pharma. Dosage Forms and Tech.** 2(4), 295-300

14. Saikia, P., Sahu, B. P & **Dash, S. K.** (2013). Hyaluronic Acid and Its Current Status in Nanoparticulate Drug Delivery. **Inventi Rapid: NDDS**, 2, 1-10.
15. Saikia, P., Sahu, B. P & **Dash, S. K.** (2013). Mucoadhesive nanoparticles from tamarind seed polysaccharides for sustained delivery of anticancer drug irinotecan. **Asian Journal of Pharmaceutics**. 163-169.
16. Tiwari, S. K., Lahkar, M., **Dash, S.**, Samudrala, P. K., Thomas, J. M. and Augustine, B.B. (2013). Preliminary phytochemical, toxicity and anti-inflammatory evaluation of *Commelina benghalensis*. **International Journal of Green Pharmacy**, 201-205.
17. Sarma, A., Deb, P. and **Dash, S.** (2013). Bilayer tablet and duredas technology – A review. **International Journal of Pharmacy and Biological Science**, 3(2), 554-563.
18. Deb Roy, S., Ahmed, S., Laila, R., Das B., Chakraborty, J. and **Dash, S.** (2013). Physicochemical characterization and anthelmintic potential of *Olea europea* evaluated on adult Indian earthworm. **Inventi Rapid Planta Activa**, 1 (3), 23-29.
19. Deb Roy, S., Karmakar, P., **Dash, S.**, Chakraborty J. and Das B. (2014). Hair growth stimulating effect and phytochemical evaluation of hydro-alcoholic extract of *Glycyrrhiza glabra*. **Global Research Journal of Medicinal Plants & Indigenous Medicine**, 3(2), 40–47.
20. Das, B., **Dash S.**, Choudhury, R C., Chakraborty, J. and DebRoy, S. (2014). Optimization and characterization of purified polysaccharide from *Terminalia belarica* gum as Pharmaceutical excipient. **International Journal of Pharmaceutical Research and allied science**, 3 (1), 21-29.
21. Das, B., **Dash, S.**, Choudhury, R.C. and Chakraborty, J. (2014). An Overview of Levamisole Hydrochloride with Immuno-Stimulant Activity. **American Journal of Pharmacy and Health Research**, 2(4), 1-9.
22. Das, B., **Dash, S.** and Choudhury, R.C. (2014). Pharmaceutical properties of *Terminalia bellerica* (Bahera)-An Overview. **Research Journal of Phamaceutical Science and Technology**, 7(5), 592-597.
23. Das, B., **Dash, S.**, Choudhury, R.C. and Chakraborty, J. (2014). Synergistic immunostimulatory activity of *Terminalia bellerica* gum polysaccharide with levamisole. **World Journal Pharmacy and Pharmaceutical Science**, 3(8), 1367-1384.
24. Das, B., **Dash, S.**, Choudhury, R.C. and Chakraborty, J. (2014). Formulation and evaluation of mucoadhesive gastr-retensive tablet of levimasole by using purified polysaccharide isolated from *Terminalia bellerica* gum. **Journal of Drug Delivery and Therapeutics**. 4(4). 24-33.

25. Das, B., **Dash, S.**, Choudhury, R.C. and Chakraborty, J. (2014). Acute Oral Toxicity Study of *Terminalia bellerica* Gum Polysaccharide In Swiss Albino Female Mice As Per OECD Guideline 423. **Americal Journal of Pharmacy and Health Sciences**. 2 (6). 33-40.
26. Das, T., Debnath, J., Nath, B. and **Dash, S.** (2014). Formulation and evaluation of an herbal cream for wound healing activity. **International Journal of Pharmacy and Pharmaceutical Science**, 6, 2 (Suppl), 693-697.
27. Deb, P., **Dash, S.** and Murthy, P.N. (2014). Development and statistical optimization of mucoadhesive drug delivery system of famotidine using *Hibiscus esculentus* polysaccharide. **International Journal Drug Delivery**, 4 (6), 311-325.
28. Deb, P., **Dash, S.** and Murthy, P.N. (2014). Evaluation and characterization of purified *Hibiscus esculentus* L. polysaccharide as a pharmaceutical excipient and mucoadhesive agent. **International Journal of Pharmacy and Pharmaceutical Science**, 6(6), 152-160.
29. **Chakraborty, J.** and Dash, S. (2014). Optimization and characterization of purified gummy polysaccharide isolated from *Aegle marmelos* fruit pulp as a novel pharmaceutical excipient. **International Journal of Pharmacy and Pharmaceutical Science**, 6(1), 777-783.
30. Dasgupta, D., **Dash, S.** and Chakraborty, J. (2014). Evaluation of anticancer activity of *Mikania micrantha* Kunth (Asteraceae) against Ehrlich Ascities carcinoma in swiss albino mice. **Interanational Journal of Pharmaceutical Research & Allied Sci**, 3(2), 9-18.
31. Dasgupta D. and **Dash, S.** (2014). Phytochemical investigations and *In-Vitro* evaluation of *Mikania micrantha* Kunth,ex HBK Leaf extracts for antimicrobial and antioxidant properties, **American Journal of Pharmacy and Health Research**, 2(6), 12-19.
32. Dasgupta, D. and **Dash, S.** (2014). Natural Drug Therapy for Cancer-A review, **World Journal of Pharmacy and Pharmaceutical Science**, 3 (10), 448-461.
33. Augustine, B. B., Dash, S., Lahkar, M., Amara , V. R., Samudrala, P. K. and Thomas, J. M. (2014). Evaluation of immunomodulatory activity of ethyl acetate extract of *Leucas aspera* in Swiss albino mice. **International Journal of Green Pharmacy**. 84-89
34. Augustine, B. B., Pitta, S., Lahkar, M., **Dash, S.**, Samudrala, P. K. & Thomas, J. M. (2014). Ulcer protective effect of *Leucas aspera* in various experimental ulcer models. **Asian Pacific Journal Tropical Disease**, 14, 4(Suppl 1), S395-S402.
35. **Dash, S.**, Murthy, P, N., Deb, Pulak., Chakraborty, Joshabir, and Das, Biswajit. (2014) Optimization and characterization of purified polysaccharide from *Musa sapientum* L. as a pharmaceutical excipient, **Food Chemistry**, 149 76–83.

36. **Chakraborty, J.,** Dash, S. and Das, B. (2015). Formulation and Evaluation of controlled release mucoadhesive matrix tablet of levamisole: Assesment of purified polysaccharide isolated from *Aegle marmelos* as mucoadhesive excipient, **Asian Journal of Pharmaceutical and Clinical Research.** 8 (4), 262-269.
37. Kandimalla, R., Kalita, S., Choudhury, B., Devi, D., Kalita, D., Kalita, K, **Dash, S.** and Kotoky, J. (2016). Fibre from ramie plant (*Boehmeria nivea*): A novel suture biomaterial, **Material Science and Engineering C,** 62 (2016), 816-822.
38. Sahu, B. P., Hazarika., H, Bharadwaj,R., Loying,P., Baishya, R., **Dash, S.** & Das, M. K. (2016). Curcumin-docetaxel co-loaded nanosuspension for enhanced anti-breast cancer activity, **Expert Opinion on Drug Delivery,** DOI: 10.1080/17425247.2016.1182486.
39. Deka, D., Deb, P., **Dash, S.** (2016). Formulation development and evaluation of thermo sensitive oral gel containing doxycycline hyclate. **World Journal of Pharmacy and Pharmaceutical Sciences,** 5(6), 1345-1357.
40. Kandimalla, R., Dash, S., Kalita, S., Choudhury, B., Malampati, S., Kalita, K., Kalita, B., and Kotoky, J. (2016). Bioactive Guided Fractions of *Annona reticulata* L. bark: Protection against Liver Toxicity and Inflammation through Inhibiting Oxidative Stress and Proinflammatory Cytokines. **Frontiers in Pharmacology,** 7, Article 168.
41. Kandimalla, R., Kalita, S., Choudhury, B., **Dash, S.,** Kalita, K. and Kotoky, J. (2016). Chemical Composition and Anti-Candidiasis Mediated Wound Healing Property of *Cymbopogon nardus* Essential Oil on Chronic Diabetic Wounds, **Frontiers in Pharmacology,** 7, Aricle 198.
42. Kandimalla, R., Kalita, S., Saikia, B., Choudhury, B., Singh, Y.P., Kalita, K., **Dash, S.** and Kotoky, J. (2016). Antioxidant and Hepatoprotective Potentiality of *Randia dumetorum* Lam. Leaf and Bark via Inhibition of Oxidative Stress and Inflammatory Cytokines. **Frontiers in Pharmacology,** 7, 205.
43. Dash, B., Dash, S. and Laloo D. (2016). Synthesis and antimicrobial evaluation of novel 3-(thiophen-2-yl) -Pyrazoline-5-yl derivatives. **International Journal of current research in chemistry and Pharmaceutical Science.** 3 (6), 1-7.
44. Kandimalla, R., **Dash, S.,** Kalita, S., Choudhury, B., Malampati, S., Kalita, K., Kalita, B., Devi, R. and Kotoky, J. (2016). Protective Effect of Bioactivity Guided Fractions of *Ziziphus jujuba* Mill. Root Bark against Hepatic Injury and Chronic Inflammation via Inhibiting Inflammatory Markers and Oxidative Stress. **Frontiers in Pharmacology,** 7, Article 298.



45. Dash, B., **Dash, S.** and Laloo, D. (2017). Design and Synthesis of 4-substituted Quinazoline derivatives for their anticonvulsant and CNS depressant activities. **International Journal of Pharmacy and Pharmaceutical Sciences**, 9, 1, 165-172.
46. Kandimalla, R., **Dash, S.**, Kalita, S., Choudhury, B., Malampati, S., Devi, R., Ramanathan, M., Talkudar, N.C. and Kotoky, J. (2017). Bioactive Fraction of *Annona reticulata* Bark (or) *Ziziphus jujube* Root Bark along with Insulin Attenuates Painful Diabetic Neuropathy through Inhibiting NF-kB Inflammatory Cascade. **Frontiers in Cellular Neuroscience**, 11, Article 73. 1-16.
47. Dachinamoorthi, D., **Dash, S. & Mariappan, G.** Formulation and Evaluation of losartan potassium bioadhesive tablets, Oral Presentation, **55<sup>th</sup> IPC, India.**
48. **Dash, S.**, Nath, L.K., Bhise, S & Bhuyan, N. Therapeutic Drug Monitoring of some antiepileptic drug, Oral presentation, **56<sup>th</sup> IPC, India.**
49. **Dash, S.**, Bhattacharya, S., Mahaptra, S., Dachinamoorthi, D., Bose, S.K. Mandal, S.C. *In vitro* and *in vivo* evaluation of *H.nepalense* for antimicrobial activity, Poster, **56<sup>th</sup> IPC, India.**
50. Kandimalla, R. and **Dash, S.** Development and elucidation of mechanism of action of poly herbal formulations to treat Diabetic neuropathic pain, Oral Presentation, **3<sup>rd</sup> Annual International Conference on Pharmaceutical Sciences, 2-5 May 2016, Athens, Greece.**

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### **PERSONAL PROFILE**

Date of Birth : 30 Nov 1970.

Father's Name : Mr.Tankadhar Dash.

Marital Status : Married.

Permanent address : Dash Villa, Behind Town High School,  
Near Jaggannath Temple, Sikhyakpara,  
PO/ Dist: Angul, Orissa, India.  
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**Referenes:**

- 1. Dr. L.K. Nath, Professor,  
Department of Pharmaceutical Science  
Dibrugarh University, Dibrugarh, Assam**
- 2. Dr. P. N. Murthy  
Principal and Director  
Royal College of Pharmacy and Health Sciences  
Berhampur, Odisha.**

**Declaration:**

I am herewith declaring that the information provided in this resume is true in best of my knowledge.



**(Dr. Suvakanta Dash)**