

Curriculum Vitae
ABHIJIT DEBNATH



ABOUT ME:

I am humble, dedicated and optimistic. Believe in hard work and act honesty to achieve the goal with Perfection. I am expertise with Formulation Development, Analytical skills, Computer aided drug design, Big data analysis and highly interested to solve resolve with computer applications.

OBJECTIVE:

By acquiring knowledge, expertise and a familiarity with the organization's culture, I want to contribute towards realizing organization's vision and become its integral part.

CONTACT INFORMATION:

PRESENT ADDRESS: C329, S.F., Ramphal Chowk, Palam Extension Dwarka, Sector 7 West Delhi Delhi 110075	PERMANENT ADDRESS: S/O: Late Haripada Debnath C/O: Pranati Debnath, VILL:Maharanipur, PO:Chakmaghat, PS & Sub-div:Teliamura, District:Khowai, State: TRIPURA 799205
PHONE NO: +91 7206933862(M);	EMAIL ID: abhijitdebnath1991@gmail.com

WORK EXPERIENCE :

1.1 year Experience	In Belco Pharma at Production Department (Tablet Section) As Assistant Manufacturing Chemist
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EDUCATIONAL QUALIFICATIONS:

DEGREE	UNIVERSITY	INSTITUTE	YEAR	Division
M.PHARMA	PT. BD Sharma University of Health Sciences (PGIMS), Rohtak	PDM College of Pharmacy, Bahadurgarh, Haryana	2014-16	1 st Division
B.PHARMA	Tripura University (A central university)	Regional Institute of Pharmaceutical Science and Technology, Agartala	2010-14	1 st Division
Higher Secondary (+2Stage) Examination	TBSE (Tripura Board of Secondary Education)	Teliamura H.S School	2009	1 st Division

COURSES	INSTITUTION	YEAR	TYPE
DOEACC "O" Level	National Institute of Electronics & Information Technology, Agartala	2010-11	Diploma
Human Molecular Genetics	IIT Kanpur	2016	Certificate Course
Biochemistry	IIT Kharagpur	2016	Certificate Course
"Advance course on Membrane Biogenesis, Porosomes, Health and Disease: Molecular underpinnings of secretions and membrane fusions"	IIT Kanpur	2016	Certificate Course
"Bio-Assays & Bio-Efficacy Models, Tools, Targets & Technologies, Paradigm shift in new Drug Discovery & Biotechnology Research"	Jawaharlal Nehru University	2016	Certificate Course
Introduction to research	IIT Madras	2016	Certificate Course
Health Research Fundamentals	National Institute of Epidemiology and ICMR	2016	Certificate Course
Functional Genomics	IIT Kanpur	2017	Certificate Course
Biomedical Nanotechnology	IIT Roorkee	2017	Certificate Course

PROJECT WORKS

- 1) Insilco Screening of PDE-5 Inhibitor 5 and Development, optimization and Evolution of Potential Drug molecule for the Treatment Pulmonary Arterial Hypertension with Bioavailability Enhancement Thesis submitted at PT. BD Sharma University of Health Sciences (PGIMS), Rohtak for fulfilment of M.Pharma (2016).
- 2) A prospective Analysis on Generic Medicine. Dissertation Submitted to Tripura University, Agartala for fulfilment of B.Pharma (2014).
- 3) Project work under Medikem laboratory. Arundhutinagar-7, Agartala, Tripura (2013).

ON GOING PROJECT

1. Molecular Modeling study of DOT1L for discovery of new potent inhibitors, drugs for acute leukemias: A Virtual Screening, Molecular Docking, ADME & Tox study. Under the supervision of Asif Naqvi, CEO & Founder of Bio-Discovery Group, India.

INDUSTRIAL TRAINING

- 1) Successfully completed Industrial Training at MEDIKEM LABORATORY. ARUNDHUTINAGAR-7, AGARTALA on 2014.

EXPERTISE and SKILLS

Analytical/ Machine Skills	FTIR, UV Spectrophotometer, Zetasizer, Ultrasonic Probe Sonicator, Homogenizer, Chromatography (TLC, HPLC), Laboratory centrifuge, Brookfield AMETEK LVDVE115 Viscometer, Systronics PH Meter, IR Moisture balance, Projection Microscope.
Formulation Development Skills	Borosil Distillation Unit, Vortex Shaker, Monsanto Hardness Tester, Disintegration Test Apparatus, Dissolution Test Apparatus, FT 2 Friability Tester, TD 1 Tap Density Tester.
Pharmaceutical Industrial Skills	30" Vibro Shifter, Multi Mill, FBD, Octagonal Blender, Clit Machine (Tablet Punching), Rimek Maching (Tablet Punching), Auto Coater, Blister Machine, Strip Machine, Mixing Tank of liquid oral, Monoblock (Oral Liquid filling Machine), Sticker Machine.
Animal Handling	Dosing, Dissection, Organ Isolation of Rats and Mice
Basic Computer Skills	Windows operating system, MS Office, Endnote, Medley.
Data Analysis Skills	MS Excel, SAS Studio 3.6 (University Edition), GraphPad Prism, R.
Computational Drug Discovery Skills	Chem Sketch, Chem Office, SPDBV, MGL Tools, Cygwin, DruLiTo, GaussView, PyMOL, OpenBabel GUI, RasMol, Beta Shelf Life, Auto Dock, ACD/I-Lab, Chimera, Triplot, Chem Mix, Sigma Plot.
Genomics Skills	BLAST- NCBI.
Internet Skills	Web Design, HTML, Pubmed, UniProt, PDB, Ethical Hacking
Musical Skills	Acoustic Guitar (Ashton D25CSB)
Other Skills	Medical Writing, Report Writing, Presentation.

INTERESTS

Basic Research, Bioinformatics, Data Analysis, Drug Discovery, Formulation Development, Formulation by Design (FbD), Project Design, Pulmonary Drug Delivery, Pharmaceutics, Drug regulatory affairs, Bio-technology, Microbiology, Genomics.

OTHER INTERESTS

Public Speaking, Debate, Group Discussion, Motivating Speech Deliberation, Lecture, Poster/PowerPoint Presentation, Strategic Planning, Newspaper reading, Current Affairs, Web browsing, International Diplomacy, Politics, Analysing Govt. of India initiatives.

SPORTS

Badminton, Cricket, Football, Swimming.

Music

Strumming Acoustic Guitar and Singing Bollywood Songs.

SEMINAR/CONFERENCE/WORKSHOP/QUIZ/SHORT TEEM COURSE/ORIENTATIONS ETC.

International

- 1) Presented Poster Titled as “ In-Silico Screening of PDE-5 inhibitor and development, optimization and evaluation of Inhalable Solid SEDDS to cure Pulmonary Arterial Hypertension(PAH)” in two days *International Conference on Drug Design*” organised by Schrodinger, at JNU Convention Centre, New Delhi held on 8th-9th April 2017.
- 2) Attended one day workshop on “*International Conference on Drug Design*” organised by Schrodinger, at JNU Convention Centre, New Delhi held on 7th April 2017.
- 3) Participated in an *International National Seminar on “International Symposium on HIV and Hepatitis”* organised by *South Asian University*, New Delhi held on 1st Sept. 2016.
- 4) Participated in two days discussion meeting on “*GENMEDSKIN*” Organised by CSIR-Institute of Genomics and Integrative Biology, New Delhi held on 24th and 25th June 2016

National

- 1) Successfully completed “*Bioinformatics Workshop on Genomics, proteomics, Drug Design and High Performance Computing*” organised by SCF-Bio, IIT Delhi held on 21st to 31st August 2017.
- 2) Presented Poster titled as “Structure Based Virtual Screening for the Identification of Potential Molecule for the treatment of Primary polydipsia: A Combined molecular Docking, Molecular Dynamics Simulation and ADMET Studies” in two days *National Conference on Drug Design*” organised by SCF-Bio, IIT Delhi held on 31st July to 1st August 2017.
- 3) Participated in three days National workshop on “*Next Generation Sequencing Data using Immune Data*” organised by *Shaheed Rajguru College of Applied Sciences For Women (University Of Delhi)*, New Delhi with *BioDiscovery Group* held on 5th to 7th July 2017.
- 4) Attended three days’ workshop on “*Bioinformatics- Bridging In Vivo to In Silico*” organised by BIF Centre, North-Eastern Hill University, Meghalaya, held on 21st -23rd March 2017.
- 5) Participated in Symposium on “*Emerging trends in Biotechnology and Drug discovery*” organised by CSIR-Institute of Genomics and Integrative Biology, Delhi held on 10th feb. 2017.
- 6) Participated in one day workshop on “*Big Data in Genomics*” organised by *IIIT-D*, New Delhi held on 4th feb. 2017.
- 7) Participated in two day workshop on “*Computational Approaches in Drug Discovery and Technology*” organised by *Shaheed Rajguru College of Applied Sciences For Women (University Of Delhi)*, New Delhi with *BioDiscovery Group* held on 12th & 13th Jan 2017.
- 8) Participated in three days’ Workshop on “*Computational Methods in Drug Discovery*” organised by *Special Centre for Molecular Medicine, JNU & School of Computational and*

Integrative Sciences, JNU with National Network for Mathematical and Computational Biology (NNMCB), Delhi Node at Special Centre for Molecular Medicine, JNU from 9th August to 11th August 2016.

- 9) Successfully completed “*Bio-Assays & Bio-Efficacy Models, Tools, Targets & Technologies, Paradigm shift in new Drug Discovery & Biotechnology Research*” organised by *School of Life Sciences, Jawaharlal Nehru University* from 25th July to 5th August under the Ministry of Human Resource Development, Govt. of India’s initiative GIAN (Global Initiative For Academic Network).
- 10) Successfully completed “*Advance course on Membrane Biogenesis, Porosomes, Health and Disease: Molecular underpinnings of secretions and membrane fusions*” organised by *IIT Kanpur* in *School of Life Sciences, Jawaharlal Nehru University* from 19th to 25th June under Ministry of Human Resource Development, Govt. of India initiative GIAN (Global Initiative For Academic Network).
- 11) Participated in Workshop on “*Planning and Preparing to Publish for early career researchers*” organised by *British Association of South Asian Studies* at *Centre for South Asian Studies, Jawaharlal Nehru University* on 31st May 2016.
- 12) Participated in one day workshop on “*Climate Change and Human Health*” Organised by *CSIR-Institute of Genomics and Integrative Biology, New Delhi* held on 17th May 2016.
- 13) Presented Poster titled as “*Development and Evaluation of lipidic Carrier of Tadalafil for Bioavailability Enhancement*” in *Department of Pharmaceuticals, Ministry of Chemical and Fertilizers, Govt. of India Sponsored National Conference on “21st Century Challenges in Pharma Regulatory Affairs: Redefining the stratagem for Global Competition”* organised by *Jamia Humdard, New Delhi* held on 21st April 2016.
- 14) Presented Poster titled as “*Solid SEDDS of Tadalafil: a hope for curing Pulmonary Arterial Hypertension*” in one day National Seminar on “*Woman Pharmacists: Values and voice in Global Health Scenario*” organised by *PDM College of Pharmacy, Bahadurgarh Haryana* and *APTI* held on 1st April 2016.
- 15) Participated in *Ministry of Chemical and Fertilizers, Govt. of India Sponsored National Conference on “PAT and QbD- The Enablers of Pharmaceutical Quality”* organised by *Jamia Humdard, New Delhi* held on 17st Mar 2016.
- 16) Presented Poster titled as “*Nano Drug Delivery Systems of Bioflavonoids*” and won the Best poster award in a *National Seminar on “Essential Pharmacy Education and Research: Advanced Pharmaceutical Skills with innovative ideas”* organised by *PDM College of Pharmacy, Haryana* held on 7th April 2015.
- 17) Participated and won the *Quiz competition* titled as “*India Global*” organised by *All India Radio* held on 26th Dec 2014.
- 18) Presented Scientific Model titled as “*Next Generation Pharmacy*” in “*State Science Fair 2013-14*” organized by *Tripura State Council of Science & Technology and State Council of Educational Research & Training* in *Agartala* from 28th Sept to 1st Oct 2013.
- 19) Joined in *Practice teaching* titled as “*One day as a Teacher*” organised by *Regional Institute of Pharmaceutical Science and Technology, Agartala* held on 4th Sept 2013.

- 20) Participated and won the Badminton Tournament on “*Annual Games and Sports Week 2013*” organised by Regional Institute of Pharmaceutical Science and Technology, Agartala held on 19th-27th feb 2013.
- 21) Presented Scientific Model on Sub-Divisional “*Science Fair 2007*” organised by Teliamura Sub-divisional Science Seminar Committee-2007; Govt of Tripura held on 22-24th Dec 2007.
- 22) Presented Scientific Model on Sub-Divisional “*Science Fair 2006*” organised by Teliamura Sub-divisional Science Seminar Committee-2007; Govt of Tripura held on 12th Sept. 2006.
- 23) Participated in Quiz Competition on the observance of the “*60th Independence Day-2006*” organised by 60th Independence Day celebration committee, Teliamura held on 14th Aug 2006.

AWARDS AND HONOURS

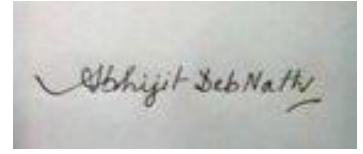
- 1) Awarded as **Best Poster Presentation** for “Nano Drug Delivery System of Bio-Flavonoids for the treatment of Cancer” in a *National Seminar on “Essential Pharmacy Education and Research: Advanced Pharmaceutical Skills with innovative ideas”* organised by PDM College of Pharmacy, Haryana held on 7th April 2015.
- 2) **Winner** of *Quiz competition* titled as “*India Global*” organised by *All India Radio* held on 26th Dec 2014.
- 3) **Winner** of *Inter-College of Badminton Championship* organized by *Regional Institute of Pharmaceutical Science and Technology, Agartala*. Held on 19th - 27th Feb 2013.

PERSONAL INFORMATION

Date of Birth:	12-07-1991
Father’s Name:	LATE HARIPADA DEBNATH
Mother’s Name:	PRANATI DEBNATH
Sex:	MALE
Marital Status:	SINGLE
Languages Known:	ENGLISH (Read; Write & Speak), HINDI (Read & Speak), BENGALI (Read; Write & Speak),
Nationality:	INDIAN

DECLARATION

I hereby declare that the details furnished above are true and correct to the best of my knowledge.

A rectangular box containing a handwritten signature in black ink. The signature appears to read "Abhijit Seb Nath" with a flourish at the end.

Signature of the candidate