

CURRICULUM VITAE

1. Name in Full: Dr. Smriti Rekha Chanda Das
2. Father's Name: Shri. Bhuban Chandra Das
3. Date of Birth: 30th September, 1980
4. Age : 44 years
5. Address: Mahanta Para By lane, PO-Jalpaiguri, Dist-Jalpaiguri, West Bengal
6. Address for Correspondence: Natun Basti, Dharapur, Guwahati, Assam, 781014
7. Contact Number: 8812097550
8. Email id: smriti_pharmag@gcuniversity.ac.in
9. Present Occupation: Professor, School of Pharmaceutical Science, Girijananda Chowdhury University, Azara, Guwahati
10. Name of the Employer: Shrimanta Shankar Academy, Guwahati
11. Present Salary Scale: 37,400-67,000; AGP 9000
12. Educational Qualifications:

Sl. No	Qualification	Board/ University	Year of Passing	Subject/ Specialization
1	HSSLC	SEBA	1996	N/A
2	HS	AHSEC	1998	All subjects of Science stream
3	B. Pharm	North Bengal University, West Bengal	2003	N/A
4	M. Pharm	Biju Patnaik University of Technology, Rourkela, Orissa	2006	Pharmaceutical Chemistry
5	Ph.D	Gauhati University, Assam	2020	Pharmacy

13.Experience:

A. Teaching Experience: 18 years 11 months

- From 1st Sep 2006 to 30th November 2008(3 months) in Himalayan Institute of Pharmaceutical Research, Dehradun, Uttarakhand.
- From 1st December 2006 to 31st January 2008 (1 year 2 months) in Department of Pharmaceutical Sciences, S.B.S. (P.G) Institute of Biomedical Sciences & Research, Balawala, Dehradun, Uttarakhand.
- From 1st March 2008 to till date (17 years 3 months) in School of Pharmaceutical Science, Girijananda Chowdhury University (Formerly Girijananda Chowdhury Institute of Pharmaceutical Science, A unit of Shrimanta Shankar Academy) Hathkhowapara, Azara Guwahati-17, Assam.

B. Administrative experience: 12 years

- HOD In charge in Pharmaceutical Chemistry from 2018 to 2021 (**three years**)
- HOD, Pharmaceutical Chemistry from 2022 to 2024 (**two years**)
- Superintendent in Girls Hostel, GCU (Formerly GIPS/GIMT Girls Hostel) From 2018 to till date (**seven years**)

C. Industrial Training:

- One month summer training in LLOYDS Pharmaceuticals, Guwahati, Assam.

14. Achievement:

- Achieved **CMI LEVEL 5 CERTIFICATE** from Chartered Management Institute, **UNITED KINGDOM (UK), LONDON** in **Technical Leadership**.
- Achieved **certificate as Mentor** bearing registration no- 1-419886225 for **Technical Teacher Training** from AICTE, New Delhi.
- Achieved certificate from **SWAYAM** for online **3 Credit course** on “**Accreditation of Undergraduate Engineering Programme**” with score of **85% marks**.

15. Subjects Taught:

- Organic Chemistry

- Medicinal Chemistry
- Analysis-I

16. Research Experience:

- Guiding **6** Ph.D. students at Girijananda Chowdhury University, Assam
- Guided **2** nos. of M.Sc. (Pharmaceutical Chemistry) thesis
- Guided **11** nos. of M. Pharm Project work
- Guided more than **40** nos. of B. Pharm Project Work

17. List of Publications:

- A. Publication in International and national Journal: 20
- B. Publication of Books: 02
- C. Publication of Book chapter: 03
- D. Oral Presentation: 01
- E. Poster presentation: 01
- F. Publication in conference: 05
- G. Patent granted: 02

A. Publication in International and national Journal:

1. Deka D, **Das SRC**, Das T, Chakraborty P, Kar K, Chowdhury S. Chalcone derivatives: in silico design, molecular docking study and anticancer activity on MCF-7 cells. *Insilico Res Biomed*. 2025 May 25.
2. Chowdhury S, Nath D, **Das SRC**, Kar K, Chakraborty P, Kapoor DU, Prajapati BG. Nanotechnology-based herbal drug delivery system: current insights and future prospects. *Curr Nanomed*. 2024 Nov 18.
3. Nath D, **Das SRC**, Ghose S, Das T, Kar K, Chakraborty P, Chowdhury S. Exploring the phytochemicals and in-vitro anticancer activities of Torenia crustacea. *Discov Plants*. 2024 Jan 12.
4. **Das SRC**, Ahmed S, Borgohain R, Debnath JK, Panda SK, Saxena PK. Therapeutic potential, medicinal importance of traditional Indian herb *Embelica officinalis*. *NeuroQuantology*. 2022 Aug.

5. Nath D, **Das SRC**, Bhagawati H, Basumatary P, Das S, Das T. From traditional claim to formulations: an overview of the potential of Gamochaeta, an edible plant genome. *IJMPPR*. 2022;6(6):121-131.
6. **Das SRC**, Ahmed AB, Shil D, Das T, Alam F, Chakraborty J. Antifungal activity of flavonoid isolated from *Lindernia crustacea* (L) F. Muell against traditionally claimed dermatophytes. *J Pharm Res Int*. 2021 Oct 23.
7. Alam F, Amin R, Dey BK, Yakin J, **Das SRC**, Islam M, Borgohain R, Kemisetty D. Theophylline derivatives' in-vivo analgesic and anti-inflammatory activities. *J Pharm Res Int*. 2021 Dec 14.
8. Shil D, Sarma T, Deb Roy S, Chakraborty J, **Das SRC**, Das S, Rohman TA. Exploring quality control standards and potential antibacterial property of different extracts of the root of *Physalis minima* L. *Int J Res Pharm Sci*. 2021.
9. Kurmi G, Kalita B, **Das SRC**. Recent advances and application of jackfruit seed starch and its derivatives in drug delivery: review. *World J Pharm Res*. 2020.
10. **Das SRC**, Ahmed AB, Saha D, Chanda I. Isolation and in vitro antioxidant activity of flavonoid from *Lindernia crustacea* (L) F. Muell. *Asian J Pharm Clin Res*. 2019;12(6).
11. **Das SRC**, Ahmed AB, Saha D, Chanda I. Scientific evidence of *Lindernia crustacea* (L) F. Muell, an indigenous plant: A folklore medicine used traditionally. *Int Res J Pharm*. 2019;10(1).
12. Shil D, Laloo D, **Das SRC**, Dash S. Pharmacognostical and phytochemical standardization of *Physalis minima* L. leaf. *Int J Pharm Pharm Sci*. 2019;11(11).
13. **Das SRC**, Mandal A. Evaluation of antifungal and analgesic property of *Stellaria media* L. *Indian Res J Pharm Sci*. 2018;5(2).
14. Chanda I, Bordoloi R, Chakraborty DD, Chakraborty P, **Das SRC**. Development and validation of UV-spectroscopic method for estimation of niacin in bulk and pharmaceutical dosage form. *J Appl Pharm Sci*. 2017;7(9).

15. **Das SRC**, Das PS, Saha P, Kalita D, Chanda I. Antifungal activity of benzene and acetone extract of *Leucas lavandulifolia* (Smith) Linn. against dermatophytes. *Int J Innov Pharm Sci Res.* 2016;4(6).
16. **Das SRC**, Chanda I, Dutta SK. In vitro antimicrobial activity of ethanolic extract of *Litsea salicifolia*. *NSHM J Pharm Healthc Manag.* 2015;6.
17. Chanda I, Basu SK, Dutta SK, **Das SRC**. A protease isolated from the latex of *Plumeria rubra* Linn (Apocynaceae): purification and characterization. *Trop J Pharm Res.* 2011;10(6).
18. Chanda I, **Das SRC**, Dutta SK. Anti-inflammatory activity of a protease extracted from the fruit stem latex of the plant *Artocarpous heterophyllus* Lam. *Res J Pharmacol Pharmacodyn.* 2009;1(2).
19. **Das SRC**, Chanda I, Dutta S, Kar S. Analgesic and anthelmintic activity of a protease extracted from the latex of the plant *Calotropis gigantea* Linn. *Nat Prod Indian J.* 2009;5(2).

B. Publication of Books:

1. **Smriti Rekha Chanda Das**, Sadhan Kumar Dutta, Protease from *Calotropis gigantea*: Kinetics and thermodynamic aspects, Lap Lambert Academic Publishing, ISBN NO6203471968, 2021.
2. Indranil Chanda, Sadhan Kumar Dutta, **Smriti Rekha Chanda Das**, Protease from Jackfruit Stem Latex: Isolation and Characterization Lap Lambert Academic Publishing, Sep 22,2016, ISBN NO- 3659956864 September 22, 2016

C. Publication of Book Chapter:

1. Future Directions for the Use of Nutraceuticals for inducing sleep and solving insomnia. Banjit Kalita, Trishna Das, Dipankar Saha, **Smriti Rekha Chanda Das**, Shanti Bhushan Mishra, Amit Kr Singh; AAP Advances in Nutraceuticals, Apple Academic Press, Published in 2025
2. Overview of Functional Foods and Their Impact on Osteoporosis, “Applications of Functional Foods in Disease Prevention” AAP Advances in Nutraceuticals, CRC Press,

Taylor & Francis Group; Trishna Das, Dipankar Saha, **Smriti Rekha Chanda Das**, Indranil Chanda, Shanti Bhushan Mishra, Published in June 2023.

3. Isolation And In Vitro Antioxidant Activity of Flavonoid from *Lindernia crustacea (L) F. Muell.* **Smriti Rekha Chanda Das**, Abdul Baquee Ahmed, Dibyendu Shil, Indranil Chanda, Innovare Academic Sciences Pvt Ltd, Recent Advances in Pharmaceutical Sciences, ISBN-9788195206520, Volume5, Published in Feb 2022.
4. Hypoglycaemic and Antihyperlipidemic Effect of *Pepormia pellicida* in Alloxan Induced Diabetes Mellitus in Rats, Dipankar Saha, S.K. Ghosh, Trishna Das, **Smriti Rekha Chanda Das**, Empirical Research on Alternative Medicine, Impingement Health care System, United Group of Institutions, Allahabad, Greter Noida, ISBN: 978- 93-5321-304-6

D. Oral presentation:

Oral presentation on “Isolation, characterization, and evaluation of antioxidant activity of phytoconstituents from *Gamochaeta pensylvanica (willd)Cabrera*: Unveiling the potential of a promising and unexplored medicinal plant.in APTICON, Annual National Convention, Bhubaneswar, Orissa,27th to 28th Sep 2024

E. Poster Presentation:

Poster presentation on Analgesic and antifungal activity of *Houttuynia cordata* thumb, Smriti Rekha Chanda Das, Saumik Singha, Pallabi Kashyap in National conference on “Ethno-Medicine and Traditional Health Practices in Northeast Region of India” Organised by NIPER, Guwahati, on 25th Aug 2018.

F. Publication in Conference:

1. Das S.R.C, Shil D, Das S, Chanda I. Superbugs: The Antimicrobial Resistant Bacteria: A Review, National Seminar on Emerging Trends & Innovation in Pharmaceutical Education &Research in India-2015, Organised by Bengal College of Pharmaceutical Science &Research, Durgapur, India. April 11, 2015.
2. Das PS, Lihite R.J, Das S.R.C, Saha P. Pharmacovigilance Programme of India (PvPI). One day National Seminar on Emerging trends in Pharmaceutical Education and Research,

Girijananda Chowdhury Institute of Pharmaceutical Science, Azra, Guwahati. May 7, 2016.

3. Das S.R.C, Chanda I. Evaluation of Analgesic Activity of Leaf Extract of *Blumea fistulosa* (ROXB) KURZ. Bengal College of Pharmaceutical Sciences & Research, Durgapur. Abstract book; Nov 26, 2016.
4. Das S.R.C, Kashyap P. A review on *Houttuynia cordata*, A Potent Medicinal Plant. Northeast Pharmaceutical Convention, May 6, 2017.
5. Das S.R.C, Barman P. Evaluation of Analgesic activity of *Talinum fruticosum* (L) JUSS.69th Indian Pharmaceutical Congress, Chandigarh, Dec 2017.p.22-24.

G. Patent Granted:

1. A Nano formulation Protein with Cardio Protective Activity, Patent no: 202022104840, Dated: 26/09/2022
2. Device for synthesis of oxadiazole, Patent no: 385081-001, Dated: 26/04/2023

18. Participation in Faculty Development Programme (FDP):

- i. **7days FDP** ON Research and patenting in Pharmacy-Arecent update, organized by NSCBIP, West Begal in coordination with APTI, from 17th to 23rd August 2024.
- ii. **5 Days National Level e-FDP** on the theme “Harnessing artificial Intelligence (AI) to Revolutionize pharmaceutical Education and Research” organized by School of Pharmacy, P P Savani University, Surat, Gujrat from 5th to 9th August 2024.
- iii. **3 days 9th International Conference** on Human Values in Higher Education (ICHVHE 2024) value based Education for Human Society, Worldwide Online, from 22nd to 24th November, 2024.
- iv. Participated on 3 Days FDP on the theme “Educational Methodology and Recent Advancement in Pharmacy” organized by NSCBIP, Kolkata from 15th to 17th October, 2023.
- v. 5 Day AICTE online FDP on “Inculcating Universal Human Values in Technical Education” from 19th July to 23rd July 2021.
- vi. Participated three days Technical Education QIP on “**Academic Leadership**” Organized by Indian Institute of Management (**IIM**) SHILLONG, during 2nd - 4th October 2019.

- vii. Participated 6 DAYS FDP on “Outcome based education and Quality Research Paper Writing” Organized by E&ICT Academy, IIT Guwahati in association with GIMT, Guwahati and Techvictus Consultancy Services Pvt Limited, New Delhi from 19th to 24th August 2019.
- viii. Two-week AICTE sponsored Faculty development programme organized by CIPET, Guwahati, on “Testing and Quality Control of Plastic Products”, 10th March – 21st March 2014.
- ix. Two-week AICTE sponsored Faculty development programme organized by CIPET, Guwahati, on “Testing and Characterization of Plastic Products and Quality Control”, 23rd January – 4 th February 2012.

19. Faculty Training Programme:

- i. Attended Three Workshops of AICTE-UKIERI Technical Leadership Training Programme organized by AICTE and BRITISH COUNCIL, UK jointly from Nov 2018 to June 2019.
- ii. Completed AICTE Online Orientation Training Programme for Mentors organized from 5th April to 9th April 2021.
- iii. Participated in **6 days** AICTE Sponsored short Term Training Programme, on **Human values Ethics, Morals, Behavioural Sciences and attitude**, organized by Sagar Institute of Research &Technology 20-25th July 2020

20. As Resource Person:

- i. Resource person in the webinar “**Women safety in workplace**” organized by Association of Pharmaceutical Teachers of India, Bihar Branch, on September 13,2024.
- ii. Resource person in AICTE Training and Learning Academy (**ATAL**) Online elementary FDP on **Leadership and Excellence in Workplace** from 25th to 29th October 2021.
- iii. Resource Person in **AICTE sponsored Two-week FDP** on “**Innovative Teaching Methods and Application of statistical Software in Advanced Research in Science and Technology.**” From 19th Aug to 1st September 2021 at Girijananda Chowdhury Institute of Pharmaceutical Science,Azara, Guwahati.
- iv. Participated as Invited Speaker in the seminar organised by **Pharmalight Publication**, Guwahati on the occasion of National Pharmacy Week celebration, on 16th November 2014.

21. Professional Membership:

- i. Life member of Association of Pharmaceutical Teachers of India (AS/LM/009)
- ii. Life member of InPharm Association(320-PM-2009)

22. Workshop/Symposium/Seminar organized / Participated:

- i. Organized One day workshop and Hand on Skill Training Programme on “Application of Microwave assisted Green Synthesis.” On 2 Sep 2021.
- ii. Organized a symposium on National Science Day on the theme “Future STI-Impacts on education, skills and work.” On 28th February2021 as Co-ordinator.
- iii. Attended Workshop on “State Level Entrepreneurship Awareness Camp in Allied Health and Applied Sciences”, jointly organized by GirijanandaChowdhury Institute of Pharmaceutical Science and IIE,Guwahati on 29th and 30th Jan 2019.
- iv. Attended one day seminar on “Life Style Diseases and their Management”, organised byGirijanandaChowdhury Institute of Pharmaceutical Science (GIPS) in association with Assam Pharmacy Council (APC) & National Rural Health Mission (NRHM), Assam, on 3rd May 2014
- v. Attended one comprehensive programme on 21st March 2009 on “Scope & Potential after Pharmacy” Organised byGirijanandaChowdhury Institute of Pharmaceutical Science (GIPS) in association with Institute of Pharmaceutical Education and Research (IPER)
- vi. Participated in 54th Indian Pharmaceutical Congress held in Kolkata in 2005.

23. PROJECT GRANTED:

1 LAKH from AICTE SPICES for holistic development of students through cultural activities.

PROJECT APPLIED:

- 1. “Profiling selected Indian medicinal plant extracts to develop polyherbal nano formulation from their active constituents and evaluation of its cardioprotective potentiality against ischemia/reperfusion injury in Langendorff perfused rat heart”, **applied in ANRF,2025 with budget 82.62Lakh.**
- 2. “Scientific evidence of Lindernia crustacea: Folklore medicine used traditionally “applied to resource centre for NN-NER2025 with budget 1.5 Lakh.

24. MOOCS APPLIED:

A 4 Credit MOOC course on “Development of Phytomedicine: A systematic approach” applied through IGNOU in SWAYAM Portal as Coordinator.

25. Contribution to University:

- i. Coordinator Cultural club
- ii. Superintendent of GCU Girls hostel
- iii. Criteria coordinator, NAAC
- iv. Criteria coordinator NBA
- v. Criteria coordinator QCI
- vi. Member, Anti-ragging committee
- vii. Member, Admission committee
- viii. Member, canteen committee
- ix. Member of Disciplinary committee
- x. Advisor, PCI
- xi. Member of SAIF (Sophisticated Analytical Instrumentation facilities)
- xii. Coordinator, Question paper review committee

Dr Smriti Rekha Chanda Das

Professor, Pharmaceutical Chemistry

School of Pharmaceutical Science

Girijananda Chowdhury University

Azara, Guwahati, Assam