

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. *IJMPR*. 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, Kemisetti 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 *Pepomia 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, Greater 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-A recent update, organized by NSCBIP, West Bengal 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, Gujarat 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 54thIndian 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