

Dr. Md. Sohel Rana

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CAREER OBJECTIVE & SUMMARY

An innovative and methodical teaching professional with progressive experience in research and technology. Demonstrated high level of ingenuity in student counseling and supervisory ability with achievements in research in the field of Pharmaceutical Formulation Technology and Phytochemical Screening of medicinal plants leading to isolation and identification of bioactive compounds to aid in Drug discovery and development. (Key words: Formulation development, Drug interaction, Antioxidant, Antidiabetic, Analgesic, Inflammation, Anticancer, Natural products etc.)

CURRENT POSITION

Designation : Professor (Grade-I)
Organization : Department of Pharmacy, Jahangirnagar University, Bangladesh

ACADEMIC TRACK RECORDS

2002	PhD Faculty of Pharmaceutical Sciences Okayama University, Japan
1990 (Held in 1992)	Master of Pharmacy 1 st Class 1 st (Marks: 70%) Jahangirnagar University, Savar, Dhaka-1342.
1989 (Held in 1991)	Bachelor of Pharmacy (Honours) 1 st Class 1 st (Marks: 69%) Jahangirnagar University, Savar, Dhaka-1342.
1986	Higher Secondary Certificate (H.S.C.) 1 st Division (Marks: 80%) Kushtia Govt. College. Jessore Board.
1984	Secondary School Certificate (S.S.C.) 1 st Division (Marks: 78%) Kamalapur High School, Kushtia. Jessore Board.

CURRENT RESEARCH ACTIVITIES/COLLABORATION

1. Phytochemical screening & isolation of new compounds from Bangladeshi medicinal plants and evaluation of their pharmacological properties. Laboratory of Natural Products Research, Jahangirnagar University. (In collaboration with Faculty of Pharmacy, Dhaka University & Chosun University, South Korea)
2. 'Antioxidant, cytotoxic, Insecticidal, antimicrobial, anti-inflammatory, analgesic, antidiarrhoeal, antidiabetic and anti-platelet activity of different crude drugs. (In collaboration with Stamford University Bangladesh & Korea Institute of Science and Technology).

3. Bio-threats in Bangladesh: Status, transmission and management of emerging and re-emerging infectious diseases. (In collaboration with Dept of Zoology & Microbiology, Jahangirnagar University and University of Washington, USA).
4. Studies on release kinetics of commonly prescribed drugs and its interaction with concurrent drugs & nutrients. (In collaboration with Dept of Pharmacy, International Islamic University, University of Asia Pacific & Okayama University, Japan).
5. Formulation development and evaluation of poorly water soluble drugs using various methods and polymers in different delivery systems. (In collaboration with Dept of Pharmacy, University of Asia Pacific & University of Queensland, Australia).
6. Effect of antidiabetic plant materials on carbohydrate digestion and absorption in the gut of rats (in collaboration with BIRDEM & Dept of Pharmacy, North South University).
7. *In vitro* and *in vivo* studies on the beneficial and detrimental interactions of co-administered drugs (in collaboration with Dept of Pharmaceutical Technology, University of Dhaka).
8. Therapeutic efficacy and mechanism of action of traditional drugs (in collaboration with Dept of Biochemistry & Faculty of Pharmacy, University of Dhaka).

RESEARCH EXPERIENCE

- i. Carried out a research project in partial fulfillment of the requirement for the degree of B. Pharm, Department of Pharmacy, Jahangirnagar University, 1991. Title of project-Phytochemical investigation of medicinal plant commonly used as antipyretics.
- ii. Carried out a one year research in partial fulfillment of the requirement for the degree of M. Pharm, Department of Pharmacy, Jahangirnagar University, 1992. Title of thesis- 'Survey of oral health of some school children and determination of fluoride content of various water samples and quality of local some local dentifrices.'
- iii. Carried out a four year research in fulfillment of the requirement for the degree of PhD, Graduate School of Natural Science and Technology, Okayama University, Japan, March 2002. Title of thesis- Studies on electrochemical formation of ferryl porphyrin by luminol chemiluminescence and absorption spectrum.
- iv. Supervised/ supervising various research projects of the students approaching toward the degrees of PhD, Master of Pharmacy and Bachelor of Pharmacy, Jahangirnagar University Bangladesh with especial emphasis on pharmaceutical formulation development and screening of the medicinal plants of Bangladesh, for antioxidant, analgesic anti-inflammatory, antidiabetic, antidiarrheal and cytotoxic activity.

RESEARCH GRANTS

1. Awarded Monbusho Scholarship (1998-2002) and research grant by the Ministry of Education, Culture, Sports, Science, and Technology (MEXT) (Japan) for the Ph.D thesis work entitled 'Studies on electrochemical formation of ferryl porphyrin by chemiluminescence and absorption spectrum'
2. Awarded NSICT Fellowship (2003-2004) and research grant by the Ministry of Science and Information & Communication Technology (Bangladesh) for the research work entitled 'In vitro evaluation of phytochemical properties of some medicinal plants used as tooth brush stick'
3. Awarded research grant (2004-2010) by Jahangirnagar University (Bangladesh) for conducting ongoing research works entitled 'Phytochemical and pharmacological investigations of indigenous plants in Bangladesh'

LIST OF PUBLICATIONS

Published 5 books and more than 216 research articles in reputed journals in home and abroad. (Please find the Annexure I)

RESEARCH EXPERTISE

Supervised more than 90 MPharm, 1 MPhil and 12 PhD students from Jahangirnagar University, Dhaka University, BIRDEM Academy, University of Asia Pacific, Okayama University, Japan. (Please find the Annexure II)

ACADEMIC AWARDS AND HONOR

- Awarded UGC scholarship for outstanding academic achievement in B. Pharm. (Hons.) exam. (1989).
- Received Jahangirnagar University complementary scholarship in all Honors academic sessions (1987-89).
- Awarded AFM Kamaluddin gold medal for highest score (M.Pharm. exam) in the Life Science Faculty, JU (1990).
- Received merit scholarship by Jessore Board for academic achievement in SSC (1984) and HSC (1986) exam.
- Awarded talent pool scholarship in all junior scholarship examinations (1978 & 1981).

CONFERENCE PARTICIPATION

1. Participated in the OUIAA 4th General Assembly, Okayama University, Japan. October 17-19, 2014.
2. Participated in the 1st International Symposium on Pharmaceutical Sciences: A Global Approach. University of Science & Technology Chittagong, Bangladesh, February 26, 2013.
3. Participated in the 1st International Symposium of Foreign Students Alumni of Okayama University, Japan. October 18-23, 2012.
4. Participated in the Young Scientist Congress-2009 organized by BAS, IAP and TWAS from 29-30 December, 2009.
5. Participated in the 16th BSVER Annual Scientific Conference (BSVER ASCon XVI), 2010.
6. 4th International Seminar on Plant Materials: Separation Techniques & Biological Testing. Local Government Engineering Department (LGED), Dhaka, 24 April, 2005.
7. Bioavailability and bioequivalent studies of Aceclofenac in human and rats. University of Dhaka, 2005.
8. 2nd International Seminar on Medicinal Plants: Phytochemical & Pharmacological Evaluation. BCSIR Laboratories, Chittagong, 10-11 February 2002.
9. 1st Annual Scientific Conference organized by Unani-Ayurveda Federation. Osmani Auditorium, Dhaka, June 19-20, 2002.
10. 2nd Annual Scientific Conference organized by Bangladesh Association of Laboratory Animal Science (BALAS). ICDDR, Dhaka, June 27, 2002.
11. Application of luminol chemiluminescence method to detect ferryl species produced by electrochemical reduction of iron porphyrin. International Symposium on New Horizons of Coordination Chemistry towards the 21st Century, Biwako-Kusatsu Campus, Ritsumeikan University, Kyoto, Japan. 18-20th Sept. 2000.
12. Studies on electrochemical formation of ferryl porphyrin by chemiluminescence and absorption spectrum. The 11th Symposium on Roles of Metals in Biological Reactions, Biology and Medicine, Okayama, Japan. May 24-25, 2001.
13. A chemiluminescence method for the detection of electrochemically generated H₂O₂ and ferryl porphyrin. The 40th chugoku-shikoku regional science conference, Japan Hospital Pharmacist & Japan Pharmaceutical Society, Tokushima University, November 17-18, 2001.
14. ANRAP Workshop 'Bioassay of Antipyretic Plant Materials' December 11-15 1996, Dhaka, Bangladesh.
15. First International Seminar 'Plant materials as a source of active therapeutic agents' Dhaka, Bangladesh, January 8-10, 1994.
16. Workshop on 'Extensive Course on Research Methodology held at ICDDR. May 16-27, 1992.
17. Regional Workshop on Medicinal plants in the treatment of oral diseases, Jahangirnagar University, Dhaka, Bangladesh, January 25-27, 1992.

ABSTRACT PRESENTATION

1. Anti-inflammatory potential of *Commelina benghalensis* Linn. in carrageenan-induced paw oedema in rats. In the Young Scientist Congress -2009, proceedings p. 47.
2. Antibacterial activity of the *Polyalthia suberosa* fruits. In the BSVER ASCon XVI. proceedings p. 51
3. Total phenol and flavonoid contents and anti-inflammatory activity of *Artocarpus lacucha* Buch.-Ham. In the BSVER ASCon XVI proceedings p. 54

JOB EXPERIENCE (Starting from the most recent position)

Period: June 1994 – date

Designation: Professor (April 2007- Date)
Associate Professor (January 2003-April 2007)
Assistant Professor (April 1998-January 2003)
Lecturer (June 1994-April 1998)

Institution: Department of Pharmacy, Jahangirnagar University, Bangladesh

Description of responsibilities: Delivering lectures on Physical Pharmaceutical Chemistry, Industrial Pharmacy & Drug Development, Pharmaceutical Technology & Engineering, Pharmaceutical Biotechnology and Immunology, Modern Drug Deliver Systems, Phytochemistry etc. and conducting relevant practical courses in undergraduate and graduate programs; Student counselling and Research project and thesis supervision.

Period: May 1992- June 1994

Designation: Research & Development Manager

Organization: Quality Pharmaceuticals Ltd.

Description of responsibilities: Teaching medical information officers on drug chemistry & pharmacology, Arranging and participating in scientific seminars, Development of new formulations and strategies of product launching, Sales analysis etc.

TRAINING

1. Successfully completed 4 weeks Faculty Development Program arranged by Center for Excellence, Stamford University Bangladesh, 2009.
2. Successfully completed 6 weeks In-plant training at Essential Drugs Co. Ltd. Dhaka, May, 1991.

COMPUTER LITERACY

Application Package	:	Ms-Word, Excel, Power Point, SPSS.
Networking	:	Internet, Advanced Web Browsing
Hardware	:	Computer Maintenance & Trouble Shooting

LANGUAGE PROFICIENCY

- Good oral and written command in Bengali & English.
- Successfully completed 6 months Intensive Japanese Language Course, International Language Center, Okayama University, 1998.

PROFESSIONAL EXPERIENCE/AFFILIATION

1. Chairman, Department of Pharmacy, Jahangirnagar University, (June 2003 - June 2006).
2. Teaching Assistant, Department of Physical Pharmaceutical Chemistry, Faculty of Pharmaceutical Sciences, Okayama University, Japan. (April 1999- March 2001).
3. Provost, Mir Mosharof Hossain Hall, Jahangirnagar University, (April 2006 – March 2009).
4. Elected as senate member for consecutive two terms (2003, 2010 & 2016-date), Jahangirnagar University.
5. Member, Academic Council & Board of Advance Studies, Jahangirnagar University. (2003-date)
6. Elected as Executive member (2010&2017) and Secretary (2018), Jahangirnagar University Teachers Association (JUTA).
7. Member, Governing Body, Institute of Applied Health Sciences, Janasheba Foundation, Bangladesh.
8. Elected as Director (2009, 2012, 2015) and General Secretary (2022-date), Managing Committee, Jahangirnagar University Cooperative Housing Society (Arunapalli).
9. Director, Board of Directors, Rosetta BD Limited, 2007.
10. Student Advisor, Students Welfare Centre, Jahangirnagar University, (Feb 2006 to Jan 2009).
11. International Young Scientist of the year 2007, International Biographical Centre, Cambridge Centre, Cambridge, UK.
12. Biography enlisted in the *Marquis Who's Who in Asia*, 2007.
13. Associate editor, Bangladesh Journal of Life Sciences. (2003-2010)
14. Member, editorial board, Stamford Journal of Pharmaceutical Sciences, ISSN-1999-7108. (2008-date)

15. Editorial member, Bangladesh Journal of Pharmaceutical Society. (2009-date)
16. Member, Bangladesh Pharmaceutical Society (BPS). (1990-date)
17. President, Okayama University International Alumni Association, Bangladesh Branch. (February 2013-date)
18. Member, Japan Pharmaceutical Society (JPS). (2002-date)
19. Founder & Coordinator, ELP (English Language Practice) Club, JU. (2003-date)
20. Senior Advisor, BPSA (Bangladesh Pharmacy Students Association), JU. (1994-date)
21. Registered as an "A" (1358) grade Pharmacist with the Pharmacy Council of Bangladesh.

INFORMAL APTITUDE

- As a Chairman participated in 'Dengue Fever Control Committee' of Department of Pharmacy, Jahangirnagar University to create public awareness in preventing and killing Aedes mosquito.
- As a Convener of 'ORS & Flood Relief Committee' of Department of Pharmacy, Jahangirnagar University prepared oral saline and distributed saline, food and clothes to flood victims.

PERSONAL QUERY

Name	: Md. Sohel Rana
Mother's Name	: Dilara Begum
Father's Name	: Ahmed Ali, B.A. (Hons), M.A. M.Ed.
Marital status	: Married
Date of birth	: August 05, 1968
Place of Birth	: Kushtia
Permanent Address	: Vill. Damdama, Post: Durbachara, P/S: Kumarkhali, Dist. Kushtia, Bangladesh.
Sex	: Male.
Nationality	: Bangladeshi (By birth).
National ID No.	: 2377787482
Passport No.	: AF 2831784
TIN No.	: 634683895308
Religion	: Islam.
Blood Group	: B (+ve)

REFERENCES

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BANGLADESH

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JAPAN

LIST OF PUBLICATIONS

(Annexure I)

1. Rana, M.S. **Phytochemical investigation of medicinal plant commonly used as antipyretics.** *B. Pharm. (Honours) Project*, Department of Pharmacy, Jahangirnagar University, 1991.
2. Ghani, A. and Rana, M.S. **Phytochemical screening of some medicinal plants with reference to their medicinal uses.** *Bangladesh J. Life Sciences.* 4(2), 45-52, 1992.
3. Rana, M.S. **Survey of oral health of some school children and determination of fluoride content of various water samples and quality of local some local dentifrices.** *M. Pharm. Thesis*, Department of Pharmacy, Jahangirnagar University, 1992.
4. Roy, J.; Rana, M.S. and Choudhury, C.R. **Micro-determination of fluoride by means of metallic sodium fusion and using fluoride-sensitive electrode.** *Indian J. Dental Research*, 4, 91-93, 1993.
5. Rana, M.S. and Ghani, A. **Phytochemical and pharmacopoeial studies of some medicinal plants locally used as herbal sticks.** *Bangladesh J. Life Sciences.* 5(1), 120-25, 1993.
6. Rana, M.S. and Ghani, A. **Dental caries: Determination of fluoride content of water samples from different areas of Bangladesh.** *Bangladesh J. Life Sciences.* 6(2), 37-43, 1994.
7. Rana, M.S. and Roy, J. **A method for the determination of fluoride from fluoro-compounds using fluoride-sensitive electrode.** *Indian Journal of Dental. Research.* 6, 49-53, 1995.
8. Rana, M.S. Bhuiyan, M. and Choudhury, C.R. **Development and application of a new method for the determination of caries predictive values.** *Pakistan Dental Assoc J.* 6, 19-23, 1996.
9. Islam, M.N.; Ghani, A. and Rana, M.S. **Antimicrobial activity of the extracts of certain plants used against skin diseases.** *Bang. Assoc. Advanc. Sci.*, VI, 3-6, 1996.
10. Rana, M.S.; Ghani, A. and Bhuiyan, M. **A study on caries predictive values among children of different socio-economic groups.** *Bangladesh. Journal of Life Sciences.* 9(1), 9-13, 1997.
11. Islam M, Kawsar H, Rana S, Choudhury CR and Ghani A. **Analgesic and antipyretic effect of ten Bangladeshi medicinal plants.** *University of Science and Technology Annual (USTA).* 1, 32-35, 1997.
12. Abu Hasanat Md. Zulfiker, Mohammed Ehsanul Hoque Mazumder and Md. Sohel Rana. **Analgesic activity of two medicinal plants *Scorpio dulcis* and *Ficus racemosa*.** *Latin American Journal of Pharmacy.* 28(5): 383-388, 1997.
13. Bhuiyan, M., Rana, M.S. and Choudhury, C.R. ***Azadirachta indica* as noble herbal stick: an experimental and clinical review.** *Okayama Med. J.*, 8(4), 95-98, Dec 1998.
14. Rana, M.S.; Bhuiyan, M. and Shimane, T. **Phytochemical and pharmacological studies on some medicinal plants widely used in dental care.** *Japan Med. Assoc.*, 13, 125-31, 1999.
15. Mohammad Saidul Islam, Sharmin Shams Farah and Md. Sohel Rana. **Knowledge and Awareness Regarding HIV/AIDS among University Students in Bangladesh: a Cross-sectional study.** *Iranian Journal of Public Health.* 3(5): 221-227, 1999.
16. Rana, M.S. and Iwamura, Y. **Effect of buffer salts on the luminescence of iron porphyrin : an electrochemical study.** *Okayama Univ. Pharm. J.*, 9(2), 318-20, 1999.
17. Rana, M.S.; Roy, J. and Choudhury, M.H. **Determination of ciprofloxacin in its tablet forms by means of fluoride estimation.** *Hamdard Medicus*, XLIII(2), 97-99, 2000.
18. Rana, M.S.; Ghani, A and Choudhury, M.H. **Phytochemical screening of some indigenous medicinal plants with reference to their local use as antidysenteries.** *University of Science & Technology Annual (USTA)*, 25-31, 2000.
19. Rana, M.S.; Bhuiyan, M. and Choudhury, M.H. **The quality of some commonly used dentifrice powders: a comparative study.** *Bang. J. Integ. Med.*, 1(3), 25-28, 2000.

20. Rana, M.S.; Iwamura, Y. and Tamagake, K. **Application of luminol chemiluminescence method to detect ferryl species produced by electrochemical reduction of iron porphyrin.** *Coordination Chemistry Proc.*, Ritsumeikan University, Japan, 318-20, Sept. 2000.
21. Rana, M.S. and Tamagake, K. **Electrochemical studies on ferryl formation by chemiluminescence and absorption spectrum.** *Biol. and Med*, 1(2), 24-30, May 2001.
22. Rana, M.S. and Tamagake, K. **Detection of electrochemically generated hydrogen peroxide and ferryl porphyrin by chemiluminescence method.** *Japan Hospital Pharmacist & Pharmaceutical Society*, 11(4), 115-18, November 2001.
23. Rana, M.S. **Studies on electrochemical formation of ferryl porphyrin by luminol chemiluminescence and absorption spectrum.** *Ph. D Thesis*, Graduate School of Natural Science and Technology, Okayama University, Japan, March 2002.
24. Choudhury, M.H. and Rana, M.S. **Evaluation of some traditional liquid preparations manufactured in Bangladesh.** *Bang. J. Life Sci.*, 1&2, 61-67, 2002.
25. Raushanara Akter, Abdullah Faruque, Md. Ehsanul Hoque Mazumder and Md. Sohel Rana. **Phytochemical and comparative bioactivity studies of *Commelina benghalensis* Linn.** *Boletín Latinoamericano y del Caribe de Plantas Medicinales y Aromáticas*. 12, 112-7, Dec 2002.
26. Rana, M.S. , Choudhury, M.H. and Ghani, A. **Establishment of some pharmacopoeial standards for commonly used toothbrush sticks.** *Bang. J. Integ. Med.*, 4(1), 7-12, 2003.
27. Kamruzzaman, M. and Rana, M.S. **In vivo studies of hydroxamic acid derivatives against ehrlich ascites carcinoma.** *Univ. Sci & Tech. Ann.*, 9(2), 34-40, 2003.
28. Md. Mokarram Hossain, Rumana Jahangir, Taksim Ahmed, Md. Imamul Islam and Md Sohel Rana. **Antioxidant, Antinociceptive and Cytotoxic Activity of the Leaves of *Michelia champaca* Linn.** *Bangladesh Journal of Life Sciences*. 13(1), 25-29, June 2003.
29. Rana, M.S., Iwamura, Y. and Komagoe, K. **Electrochemical synthesis and evaluation of some free radical scavengers using chemiluminescence method.** *Yakugaisha*, 249-52, 2003.
30. Moni Rani Saha, Raushanara Akter, S. M. Raquibul Hasan and Md. Sohel Rana. **In- vitro antioxidant study of *Gardenia jasminoides*.** *International Journal of Green Pharmacy*. 1(3):953-961, Dec 2003.
31. Choudhury, M.H.; Rana, M.S. and Faruque, A. **Quality assessment of some paediatric cotrimoxazole suspensions marketed in Bangladesh.** *Hamdard Medicus*, XLVII(2), 58-62, April-June, 2004.
32. Rana, M.S. **Evaluation of physical and chemical constituents of some medicinal plants with reference to their local uses as toothbrush sticks.** *Bang. J. Life Sci.*, 16(2), 1-7, Dec 2004.
33. Rana, M.S. **Formation of hydrogen peroxide by electrochemical reduction of molecular oxygen using luminol chemiluminescence.** *Saudi Pharmaceutical Journal*, 13(2-3), 97-105, April-July 2005
34. Rana, M.S. and Choudhury, M.H. **Determination of antibacterial activity of some commonly used toothbrush sticks.** *Hamdard Medicus*, XLVIII(1), 42-5, March 2005.
35. Rana, M.S. and Tamagake, K. **Evaluation of ferryl formation by electrocatalytic oxidation of alkene using luminol chemiluminescence.** *Chem. Pharm. Bull. (Japan)*, 53(6), 604-6, June 2005.
36. Chowdhury N.S.; Karim, M.R. and Rana M.S. **In vitro studies on toxicological property of the root and stem bark extracts of *Oroxylum indicum*.** *Dhaka Univ. J. Pharm. Sci.*, 4(1), 51-53, June 2005.
37. Rana, M.S. and Tamagake, K. **Formation of ferryl porphyrin by electrochemical reduction of iron porphyrin in aqueous solution.** *J. Electroanalytical Chemistry (Elsevier)*, 581(2), 145-52, August 2005.
38. Rana, M.S. and Tamagake, K. **A chemiluminescence method for the detection of electrochemically generated H₂O₂ and ferryl porphyrin.** *Bioelectrochemistry (Elsevier)*, 68, 31-39, 2006.
39. Islam, M.R.; Faruque, A. and Rana, M.S. **Study on liver function enzymes among the university students.** *Bang. J. Life Sci.*, 17(1), 93-98, June 2005.

40. S. M. Raquibul Hasan, Md. Mokarram Hossain, Raushanara Akter, Md. Ehsanul Hoque Mazumder and Sohel Rana. **In-vitro Antioxidant and In-vivo Anti-inflammatory Properties of *Commelina benghalensis* Linn.** *Scientia Pharmaceutica*. 3(11), 375-379, 2005.
41. **Raushanara Akter, S. M. Raquibul Hasan, Md. Mokarram Hossain, Mariam Jamila, Md. Ehsanul Hoque Mazumder and Sohel Rana. Antidiarrhoeal and Antioxidant Properties of *Curcuma alismatifolia* leaves.** *Australian Journal of Basic and Applied Sciences*. 3(2): 305-312, 2005.
42. Karim, M.R.; Chowdhury N.S. and Rana M.S. **Antimicrobial activity of the root and stem bark extracts of *Madhuca indica*.** *Bang. J. Life Sci.*, 17(2), 49-52, Dec 2005.
43. Hoque, T.; Bhuiyan, K.; H.; and Rana, M.S. **Copper-salicyl hydroxamic acid against ehrlich ascites carcinoma in mice.** *Bang. J. Life Sci.*, 17(2), 53-59, Dec 2005.
44. Rana, M.S. and Bhuiyan, S.A. **Antimicrobial and phytochemical screening of five medicinal plants of Bangladesh.** *Bang. J. Life Sci.*, 17(2), 61-66, December 2005.
45. Chowdhury N.S.; Karim, M.R. and Rana M.S. **In vitro studies on antibacterial property of the root and stem bark extracts of *Oroxylum indicum*.** *Hamdard Medicus*, XLIX(4), 89-92, Oct-Dec. 2006.
46. Rana, M.S. and Kawsar, M.H. **Oral health status among school children in rural and urban areas: a comparative study.** *Univ. Sci & Tech. Ann.*, 12(1), 46-50, July 2006.
47. Rana, M.S.; Karim, M.R.; and Kawsar, M.H. **Phytochemical and microbiological studies of *Madhuca indica*.** *Univ. Sci & Tech. Ann.*, 12(1), 61-67, July 2006.
48. Rahim, M.A. and Rana, M.S. **Study on some physical characteristics of commercially available enteric-coated NSAIDs.** *Bang. J. Life Sci.*, 18(2), 71-75, 2006.
49. Rana, M.S.; Chowdhury, N.S.; and Murshid, G.M. **Study on phytochemical and antimicrobial activity of *Oroxylum indicum*.** *Khul. Univ. Studies*, 7(2), 55-58, 2006.
50. Rana, M.S. **Study on electrochemical reduction of Fe^{III}TMPyP and Fe^{III}TSPP by luminol chemiluminescence.** *Bang. J. Life Sci.*, Vol.18(1), 1-5, June 2006.
51. Rana, M.S., Iwamura, Y., Komagoe, K. and Tamagake, K. **Electrochemical studies of Fe^{III}TSPP using luminol chemiluminescence and absorption spectrum.** *Chem. Bull.*, 122(1), 152-6, 2007.
52. Karim, M.R.; Chowdhury N.S. and Rana M.S. **Toxicological evaluation of the root and stem bark extracts of *Madhuca indica*.** *Hamdard Medicus*, XLX(1), Jan-March 2007.
53. Islam, S. and Rana, M.S. **General and Maternal Health Status of Rural Women in Bangladesh: A Descriptive Study from Two Remote Villages.** *Internet Journal of Epidemiology*, Vol. 4(2), 2007
54. Tania, S.; Ishtiaq, H. and Rana, M.S. **Anti-inflammatory activities of some selected indigenous plants.** *BGC Trust Univ. Ann.*, 48-55, 2007.
55. Nusrat Subhan, Md. Ashrafur Alam, S. M. Raquibul Hasan, Raushanara Akter, Md. Sohel Rana, Abdul Ghani. **Antinociceptive and Gastro-protective Effect of the Ethanolic Extract of the Flowering Top of *Anthocephalus cadamba* (Roxb.).** *Oriental Pharmacy and Experimental Medicine*. 9(4): 277-284, 2007.
56. Raushanara Akter, Mokarram Hossain, M. Mostafizur Rahman, M. Ehsanul Haque Mazumder, Muntasir Mamun Majumder and Sohel Rana. **In- vitro anti-oxidant activity of the leaves of *Paederia foetida*.** *Turkish Journal of Biology*. 6(1): 11-20, 2007.
57. Rahim, M.A.; Faruque, A. and Rana, M.S. **Spectrophotometric studies on some pharmacokinetic properties of conventional enteric-coated tablets.** *J. Integ. Med.*, 7(2), 17-21, 2007.
58. Sayeed, A.; Kawser, H and Rana, M.S. **Development and in vitro pharmacokinetic evaluation of aceclofenac tablet matrix.** *USTC Annual*, 20-25, Dec 2007
59. Islam, M.S. and Rana, M.S. **Self-Medications among higher educated population in Bangladesh: An email-based exploratory study.** *The Internet Journal of Health*. Vol. 5(2), 2007.

60. Mazumder, MEH. And Rana, S. **Pharmacological evaluation of Bangladeshi medicinal plants for antioxidant activity.** *Pharmaceutical Biology*, **46**(10&11), 704-709, 2008.
61. Islam. M. S.; Farah, S.S. and Rana, M.S. **Characteristics and reliability of online references cited in the pharmaceutical promotional brochures of Bangladesh.** *eHealth International Journal*. Vol. **4**(1), 1-5, Jan 2008.
62. Majumder, E.H., Alam, A., Islam, R. and Rana, M.S. **Evaluation of antioxidant and anti-inflammatory properties of *Tagetes erecta*.** *Pak. J. Pharm. Sci.*, **21**(1), 105-9, 2008.
63. Raushanara Akter, S.M. Raquibul Hasan, Muntasir Mamun Majumder, Md. Mokarram Hossain and Sohel Rana. **Evaluation of analgesic and antioxidant potential of the leaves of *Curcuma alismatifolia* Gagnep.** *Stamford Journal of Pharmaceutical Sciences*. Vol-1(1&2), 3-9, 2008.
64. Md. Ashraful Alam, Sohel Rana, S.M. Raquibul Hasan, Raushanara Akter and Abdul Ghani. **Analgesic and Neuropharmacological Investigations of the Aerial Part of *Achyranthes aspera* Linn.** *Stamford Journal of Pharmaceutical Sciences*. Vol-1(1&2), 44-50, 2008.
65. M. R. Saha, S. M. R. Hasan, R. Akter, M. M. Hossain, M. S. Rana, M. A. Alam, M. E. H. Mazumder. **In vitro Free radical scavenging activity of methanol extract of the leaves of *Mimosops elengi* Linn.** *Bangladesh Journal of Veterinary Medicine*. Vol-6 (2), 197-202. 2008.
66. Rana, M.S., Saha, A. and Karim, M.R. **In vitro studies on phytochemical and antioxidant potential different extracts of *Madhuca indica*.** *Hamdard Medicus*, **XLXI**(3), 49-53, Oct-Dec 2008.
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214. Nazia Hoque, Meena A. Shanta, Najneen Ahmed, Afruja S. Dipu, Md. Sohel Rana. **Phytochemical and Pharmacological Investigations of Different Extracts of *Dracaena spicata* Roxb. Available in Bangladesh.** *Trop J Nat Prod Res.*, 8(6), 7339-7344, June 2024. . <https://doi.org/10.26538/tjnpr/v8i6.1>
215. Swamali Islam Khandakar, Hasan Mahmud, Afnan Sayeid Himi, Md. Sohel Rana, Kamrun Nahar and Muhtamim Hussain. **Challenges, Approaches & Applications of Orotransmucosal Drug Delivery System.** *Journal of Pharmaceutical Research International*. (Accepted for Publication)
216. Mohabbat Ullah and Md. Sohel Rana. **Cephalosporin Containment Management Strategies from Drug Manufacturing to control Antibiotic Resistance in South Asian Continent.** *Journal of Hazardous, Toxic, and Radioactive Waste*. (Accepted for Publication).

LIST OF STUDENTS (MPhil/PhD) SUPERVISED

(Annexure II)

SI No	Name of student	Degree	Title of Thesis	Year of completion
1	Mohammed Aktar Sayeed	PhD (Pharmacy, JU)	In vitro – In vivo Studies on Drug Interaction between Ketotifen and Commonly Prescribed Drugs	2015
2	Md. Hassan Kawsar	PhD (Pharmacy, JU)	Chemical and Biological Investigations of Some Asteraceae Plants of Bangladesh	2017
3	Nargis Sultana Chowdhury	PhD (Pharmacy, JU)	Bioactive Compounds from Three Aquatic Plants and Their Associated Endophytic Fungi	2017
4	Irin Dewan	PhD (Pharmacy, JU)	In Vitro and in Vivo Characterization of Different Formulations of DPP-4 Inhibitor Loaded Microspheres in the Treatment of Type II Diabetes	2019
5	Mohammad Shahriar	PhD (Pharmacy, JU)	Phytochemical Studies and In Vitro and In Vivo Biological Activities of Citrus assamensis	2019
6	Nazia Hoque	PhD (Pharmacy, JU)	Isolation and Structure Elucidation of Secondary Metabolites from Three Ethnopharmacologically Important Plants of Bangladesh and their associated Endophytic Fungi	2020
7	Pritesh Ranjan Dash	PhD (Pharmacy, JU)	Evaluation of Biological Activities and Structure Elucidation of Secondary Metabolites from Polygonum flaccidum	2020
8	Md. Masud Morshed	MPhil (Pharmacy, JU)	Nutritional Analysis and Biological Investigation of Emilia sonchifolia DC	2021
9	Md. Zia Uddin	PhD (Pharmacy, JU)	Exploration of Bio-activity Guided Phytochemicals and Elemental Profiles of Selected Medicinal Plants Traditionally Used in Chattogram Hill Tracts, Bangladesh	2022
10	Aninda Kumar Nath	PhD (Pharmacy, JU)	Chemical and Biological Investigations of Elatostema sessile and Sterculia villosa	2022
11	Mahmuda Nasrin	PhD (Pharmacy, JU)	Isolation of Bioactive compounds from Commellina diffusa and Commelina benghalensis and their associated endophytic fungi	2023
12	Mycal Dutta	PhD (Pharmacy, JU)	Analysis of Trace Elements and Bioactive Phytochemicals of Some Ethnomedicinal Plants Used In Chattogram Hill Tracts	2023
13	Md Akbar Hossain	PhD (Pharmacy, JU)	Investigation on Phytochemicals and Evaluation of Bioactivities of Dioscorea alata L. & Garcinia lanceifolia Roxb.	2024

LIST OF STUDENTS (MPharm) SUPERVISED

SI No	Name of student	Degree	Title of Thesis	Year of completion
1	Nazeefa Kamal	MSc (Biochem., DU)	Estimation of glycated hemoglobin in serum of diabetic patients in Bangladesh	1996
2	Roushanara Akter	M. Pharm (Pharmacy, JU)	Phytochemical and biological evaluation of a local medicinal plant Adhatoda zeylanica nees	1997
3	Nargis Sultana	M. Pharm (Pharmacy, JU)	Phytochemical, antimicrobiological and toxicological evaluation of Oroxyllum indicum (linn) vent	1998
4	Md Rezaul Karim	M. Pharm (Pharmacy, JU)	Phytochemical and biological evaluation of Madhuca indica gmel	1998
5	Md Mamun Al Amin	B. Pharm (Pharmacy, JU)	A phytochemical and microbiological study: Medicinal plants used in sports injury	2000
6	Mushfizur Rahman	MS in Pharm. Sci. (Pharmacy, JU)	Antioxidant and biological activities of Luffa cylindrical and Momordica cochinchinensis	2001
7	Muntasir Mamun	MS in Pharm. Sci. (Pharmacy, JU)	Phytochemical and pharmacological investigation on the fruits of Terminalia chebula	2001
8	Yusuf Liton	MS in Pharm. Sci. (Pharmacy, JU)	Phytochemical and pharmacological screening on the fruits of Terminalia belenica	2002

9	Shammy Sarwar	MS in Pharm. Sci. (Pharmacy, JU)	Phytochemical and pharmacological evaluation of the fruits of <i>Phyllanthus emblica</i>	2002
10	Md Ashiqur Rahman	MS in Pharm. Sci. (Pharmacy, JU)	Antidiabetic, analgesic and antioxidant investigation of ethanolic extract of fruit of <i>Ficus racemosa</i> linn.	2002
11	Abu Hasanat Md. Zulfiker	MS in Pharm. Sci. (Pharmacy, JU)	Evaluation of antidiabetic, analgesic and antioxidant potential of <i>Scoparia dulcis</i> linn	2002
12	Tania Sultana	B. Pharm (Pharmacy, GB)	Phytochemical, microbiological and pharmacological evaluation of <i>Piper nigrum</i> .	2003
13	Md Rafiqul Islam	B.Pharm (Pharmacy, JU)	Study on liver function enzymes among the university students.	2003
14	Md. Badrul Alam	MS in Pharm. Sci. (Pharmacy, JU)	Studies on the antioxidant activities of some Bangladeshi medicinal plants.	2003
15	Tania Binte Wahid	MS in Pharm. Sci. (Pharmacy, JU)	In vitro studies on the antioxidant potential of <i>Dillenia indica</i> linn.	2003
16	Yeasmin Begum	B. Pharm (Pharmacy, GB)	Phytochemical, microbiological and pharmacological evaluation of <i>Myristica fragrans</i>	2003
17	Abdullah Al Mamun	MS in Pharm. Sci. (Pharmacy, JU)	In vitro studies on the antioxidant potential of <i>Bacopa monniera</i> linn.	2004
18	Tania Hoque	MS in Pharm. Sci. (Pharmacy, JU)	Development of theophylline hydrochloride sustained release tablet and study of physicochemical properties.	2004
19	Kamrun Nahar	MS in Pharm. Sci. (Pharmacy, JU)	Development of verapamil hydrochloride sustained release tablet.	2004
20	Kamal Hossain	MS in Pharm. Sci. (Pharmacy, JU)	Development of modified release gliclazide matrix tablet using different polymers with varying concentration.	2004
21	Shahida Parvin	MS in Pharm. Sci. (Pharmacy, JU)	Bioactivity guided phytochemical and pharmacological study on some medicinal plants of Brassicaceae	2004
22	Mosharraf Hossain	MS in Pharm. Sci. (Pharmacy, JU)	Comparison of methocel k 100 lv cr and methocel k 15 mcr on the release of loratadine and pseudoephedrine hydrochloride in sustained release tablet formulation	2004
23	Shyamoli Akter	M.Pharm. (Pharmacy, GB)	Phytochemical, microbiological and pharmacological evaluation of <i>Tinospora cordifolia</i> .	2004
24	Taslima Akhter	MS in Pharm. Sci. (Pharmacy, JU)	Antimicrobial sensitivity of pathogens causing urinary tract infections	2005
25	Md Khalilur Rahman	MS in Pharm. Sci. (Pharmacy, JU)	In vitro studies on antioxidant properties of <i>Andrographis paniculata</i>	2005
26	Md Mahbubur Rahman	MS in Pharm. Sci. (Pharmacy, JU)	Phytochemical and biological investigations on three medicinal plants of Bangladesh	2005
27	Sudip Saha	MS in Pharm. Sci. (Pharmacy, JU)	In vitro antioxidant activities of <i>Hemidesmus indicus</i> in methanolic extract	2005
28	Taj Md Aga Menon	MS in Pharm. Sci. (Pharmacy, JU)	In vitro studies on the antioxidant activities of methanolic extract of <i>Persicaria hydropiper</i>	2005
29	Dilruba Ahmed	MS in Pharm. Sci. (Pharmacy, JU)	Chemical and biological investigation of <i>Mariscus sumatrensis</i>	2005
30	Suraia Jahan	MS in Pharm. Sci. (Pharmacy, JU)	Formulation development and in -vitro evaluation of combined aspirin and clopidogrel bisulphate film coating tablets	2006
31	Nazia Hoque	MS in Pharm. Sci. (Pharmacy, JU)	Phytochemical and pharmacological investigation of <i>Glinus oppositifolius</i>	2006
32	Tasnuva Amin	MS in Pharm. Sci. (Pharmacy, JU)	Formulation development and process critical parameter analysis of benzyl benzoate emulsion	2006
33	Fatema Tuz Zohera	MS in Pharm. Sci. (Pharmacy, JU)	Evaluation of phytochemical and pharmacological properties of <i>Celastrus paniculatus</i>	2006
34	Rozina Parul	MS in Pharm. Sci.	In vitro studies on the antioxidant potential of <i>Cyperus</i>	2006

		(Pharmacy, JU)	potandus linn.	
35	Md Jamiuddin Ahmed	MS in Pharm. Sci. (Pharmacy, JU)	In vitro antimicrobial, antioxidant, cytotoxic activities and phytochemical screening of the crude extracts of some Bangladeshi medicinal plants.	2006
36	S.M. Raqibul Hasan	MS in Pharm. Sci. (Pharmacy, JU)	Phytochemical and pharmacological investigations of <i>Commelina benghalensis</i> linn	2006
37	Md Imamul Islam	MS in Pharm. Sci. (Pharmacy, JU)	In vitro kinetic study of diclofenac sodium from methocel k15 mcr and cetyl alcohol using model dependent and model independent methods	2006
38	Md Nurul Islam	MS in Pharm. Sci. (Pharmacy, JU)	Phytochemical and pharmacological investigations of <i>Artocarpus lecucha</i> buch ham	2006
39	Md. Mokarrom Hossain	MS in Pharm. Sci. (Pharmacy, JU)	Phytochemical and pharmacological investigations of the aerial parts of <i>Trichosanthes dioica</i> roxb	2006
40	Md Ruhul Amin	MS in Pharm. Sci. (Pharmacy, JU)	Role of sieving mesh for the development of physiochemical properties of tablet	2007
41	Saleha Akter	MS in Pharm. Sci. (Pharmacy, JU)	Phytochemical and pharmacological investigations of <i>Geodorum densiflorum</i> (lam) schltr	2007
42	Sujit Biswas	MS in Pharm. Sci. (Pharmacy, JU)	Study on formulation and development of cefixime trihydrate tablet and in vitro evaluation of physicochemical properties.	2007
43	Md Razibul Habib	MS in Pharm. Sci. (Pharmacy, JU)	Phytochemical and Pharmacological investigations of <i>Geodorum densiflorum</i> (Lam.) Schltr.	2007
44	Md Rashidur Rahman	MS in Pharm. Sci. (Pharmacy, JU)	Microbiological quality assessment of solid dosage form processing areas in a pharmaceutical industry	2007
45	Mohammad Zafar Imam	MS in Pharm. Sci. (Pharmacy, JU)	Phytochemical and pharmacological investigations of methanolic extract of <i>Musa sapientum</i> L. subsp. <i>sylvestris</i> fruit	2007
46	Md. Emadatul Hoq Rasel	MS in Pharm. Sci. (Pharmacy, JU)	Studies on polypharmacy in patients of cardiovascular diseases in Bangladesh	2007
47	Md. Shah Aziz	MS in Pharm. Sci. (Pharmacy, JU)	Evaluation of a biochemical process to minimize snoring with ambroxol and bromhexin and their performance in Bangladesh patients	2007
48	Fakhruddin	MS in Pharm. Sci. (Pharmacy, JU)	Assessment of some phytochemical and pharmacological properties of <i>Eclipta prostrata</i> linn	2007
49	Mohammad Burhan Uddin	MS in Pharm. Sci. (Pharmacy, JU)	Antioxidant Screening of Some Vegetables and Medicinal Plants Growing In Bangladesh	2008
50	Sheheli Shejuti Bithi	MS in Pharm. Sci. (Pharmacy, JU)	Antioxidant and cytotoxic activity of the fruit extracts of <i>Calamus tenuis</i> Rox.	2008
51	Md Khalequzzaman	MS in Pharm. Sci. (Pharmacy, JU)	Studies on antioxidant, cytotoxic and anthelmintic properties of methanolic extract of <i>Persicaria hydropiper</i> Linn.	2008
52	Dewan Taslima Akter	MS in Pharm. Sci. (Pharmacy, JU)	In vitro kinetics study of ambroxol hydrochloride from methocel K15M CR and methocel K100M CR and eudragit RL100 using model dependent and independent methods.	2008
53	Abdul Motalib Momin	MS in Pharm. Sci. (Pharmacy, JU)	Anti-inflammatory, antioxidant and cytotoxicity potential of methanolic extract of <i>Lablab purpureus</i> (L.) sweet white and purple.	2008
54	Munira Makshud	B.Pharm. (Pharmacy, GB)	Study on phytochemical & pharmacological properties of <i>Polyalthia suberosa</i> L.	2008
55	Shima Tarannum	MS in Pharm Tech (Pharmacy, UAP)	In vitro drug interaction study of gliclazide with atorvastatin.	2009
56	Md Foysal Bin Karim	MS in Pharm. Sci. (Pharmacy, JU)	Phytochemical and pharmacological investigations of <i>Pistia stratiotes</i> L.	2009
57	Md. Samiul Huq	MS in Pharm. Sci. (Pharmacy, JU)	Phytochemical & Pharmacological Investigation of Crude Extracts of <i>Typhonium trilobatum</i> (L.) Schott.	2009
58	Md Nasiruddin	MS in Pharm. Sci.	Phytochemical & Pharmacological Investigation of <i>Smilax</i>	2009

		(Pharmacy, JU)	<i>zeylanica</i> Linn.	
59	Imran Ashab	MS in Pharm. Sci. (Pharmacy, JU)	Phytochemical & Pharmacological Investigation of <i>Cocculus hirsutus</i> Linn and <i>Rumex dentatus</i> Linn.	2009
60	Sammy Sarwar	MS in Pharm. Sci. (Pharmacy, JU)	Antioxidant, analgesic and cytotoxic activities of the methanolic fruit extract of <i>Phyllanthus emblica</i> L.	2010
61	Ashikur Rahman	MS in Pharm. Sci. (Pharmacy, JU)	Evaluation of Phytochemical & Pharmacological Properties of <i>Terminalia bellerica</i> .	2010
62	Md. Yousuf Liton	MS in Pharm. Sci. (Pharmacy, JU)	Evaluation of Phytochemical & Pharmacological Properties of <i>Phyllanthus emblica</i>	2010
63	Abu Hasanat Md. Zulfiker	MS in Pharm. Sci. (Pharmacy, JU)	Studies on Antidiabetic Effect of <i>Ficus Racemosa</i> Linn. in different animal model.	2010
64	Md Mahbubur Rahman Khan	MS in Pharm. Sci. (Pharmacy, JU)	Bioactivity guided phytopharmacological evaluation of <i>Scoparia dulcis</i> Linn.	2010
65	Sazzad Hossain	MS in Pharm. Sci. (Pharmacy, JU)	Frequency distribution of hypertensive patienta and their treatment pattern in Bangladesh	2011
66	Tarannum Ahmed	MS in Pharm Tech (Pharmacy UAP)	In vitro drug interaction study of gliclazide with atorvastatin	2011
67	Mohammad Zafar Imam	MS in Pharm. Sci. (Pharmacy, JU)	Comparative antidiarrhoeal activities of the different extracts of <i>Musa sapientum</i> L. subsp. <i>sylvestris</i> fruits	2011
68	Nizam Uddin	MS in Pharm. Sci. (Pharmacy, JU)	DPPH Scavenging Assay of Eighty Four Medicinal Plants in Bangladesh	2011
69	AMBIA KHATUN	M.Pharm (Pharmacy, SUB)	PHARMACOLOGICAL INVESTIGATIONS OF <i>PERSICARIA HYDROPIPER</i> (L.) DELABRE.	2012
70	Md Maynul Islam	MS in Pharm Tech (Pharmacy UAP)	Formulation and Evaluation of Metronidazole loaded Microspheres Using Emulsion Solvent Evaporation, Coacervation and Coalescence Methods.	2012
71	Maria Afrin	MS in Pharm Tech (Pharmacy UAP)	Formulation development and in vitro evaluation of combination product of Glyburide and Metformin Hydrochloride tablet	2012
72.	Selim Mia	MS in Pharm Tech (Pharmacy UAP)	Design, characterization and <i>in-vitro</i> evaluation of different cellulosic acrylic and methacrylic polymers loaded aceclofenac microspheres	2012
73	Sheikh Arman Mahbub	MS in Pharm. Sci. (Pharmacy, JU)	PHYTOCHEMICAL AND PHARMACOLOGICAL INVESTIGATION OF <i>LEGANARIA SICERARIA</i> , <i>CUCUMIS SATIVUS</i> AND <i>CUCURBITA MAXIMA</i>	2012
74	Md. Asaduzzaman	MS in Pharm. Sci. (Pharmacy, JU)	Phytochemical and pharmacological investigation of <i>Barringtonia acutangula</i> (L.) SCHOTT	2012
75	Mamunur Rahman	MS in Pharm. Sci. (Pharmacy, JU)	Phytochemical and pharmacological investigation of the aerial parts of <i>Trichosanthes dioica</i> roxb., <i>Trichosanthes</i> <i>cucumerina</i> linn. And <i>Benincasa hispida</i> cong	2012
76	Mamun Al-Amin	MS in Pharm. Sci. (Pharmacy, JU)	Studies On Polypharmacy In Patients Of Cardio Vascular Diseases.	2012
77	SINTHIA ZAMAN	MS in Pharm. Sci. (Pharmacy, JU)	Analgesic, anti-inflammatory & anti diarrhoeal investigations of <i>Pouzoliz zeylanica</i>	2013
78	Ashfique Rizwan	MS in Pharm. Sci. (Pharmacy, JU)	Neuropharmacological effect of popular drinks (Tea) on Human behavioral model	2013
79	MD. SOLAYMAN HOSSAIN	MS in Pharm. Sci. (Pharmacy, JU)	ETHNOPHARMACOLOGICAL INVESTIGATIONS OF <i>RANDIA ULIGINOSA</i> RETZ.	2013
80	Abdullah Aziz	MS in Pharm. Sci. (Pharmacy, JU)	Phytochemical screening and evaluation of anti- inflammatory, analgesic and antipyretic activities of <i>Microcos paniculata</i> barks and fruits	2014
81	Nahid Hossain	MS in Pharm. Sci. (Pharmacy, JU)	A study on the efficacy and safety of traditional medicines claimed to possess anti-ascites properties.	2014
82	Farhana Akther	MS in Pharm. Sci. (Pharmacy, JU)	The Effects of Riboflavin on Cognitive and Psychomotor Performance	2014

83	Samira Karim	MS in Pharm Tech (Pharmacy UAP)	Formulation and In Vitro Evaluation of Glimepiride Sustained Release Tablet	2015
84	Pritesh R Das	MPharm (Pharmacy, SUB)	Investigations of Sedative and Antidiarrheal Activity of Commelina appendiculata in Swiss Albino Mice.	2016
85	Ramiz Raza	MS in Pharm. Sci. (Pharmacy, JU)	Formulation and Development of a Safe and Efficacious Organic Pesticides from Custard Apple Leaves	2017
86	Mt. Farzana Yasmin	MS in Pharm. Sci. (Pharmacy, JU)	Phytochemical screening and pharmacological assessment of stem and rhizome extracts of Schumannianthus dichotomus (Roxb.)	2018
87	Md. Mizanur Rahman	MPharm. (Pharmacy, DIU)	Formulation Development Of Paracetamol With Caffeine Tablet And Its Comparative In-Vitro Study With Different Brands In Bangladesh.	2019
88	Akbar Hossain	MS in Pharm. Sci. (Pharmacy, JU)	In-vitro cytotoxicity and in-silico investigation of the anticancer potential of 3-methoxyxanthen-9-one from Garcinia lanceifolia Roxb.	2020
89	Nafisa Mustafiz	MS in Pharm Tech (Pharmacy UAP)	Formulation development & In-vitro evaluation of polymeric nanoparticles of Repaglinide.	2021
90	Abdullah Galib	M.Pharm (Pharmacy, KU)	Studies on prescription pattern of Cardiovascular Diseases in the region of Khulna, Bagerhat and Satkhira districts of Bangladesh	2022
91	Elora Alam	MS in Pharm. Sci. (Pharmacy, JU)	ANTIOXIDANT AND CYTOTOXICITY ASSESSMENT OF THE METHANOLIC EXTRACT OF ANNONA RETICULATA LINN.	2023