

**MAGADH MAHILA  
COLLEGE PATNA  
UNIVERSITY**



***FOR SELF APPRAISAL OF TEACHERS***

**General Information**

Name : Prof. (Dr.) Namita Kumari

Address (Residential) : Principal(Professor incharge, Dec 2021 to still continue)  
Magadh Mahila College (P.U.), Patna – 800 001

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Orchid ID : **0009-0002-5720-6125**

Date of Birth : 22.10.1961

Designation : Professor

Department : Department of Botany, Dean of Science, Patna University  
(Feb-2024 to still continue)

Date of Joining : 14-07-1987

Date of Conformation : 01-08-1989

Date of Promotion : 14-07-2004 (as Professor)

**Academic Qualifications**

Exam Passed	Board/ University	Subjects	Year	Division/ Grade Merit etc.
High School	B.S.E.B Patna	Hn, Eng, Maths, S.Studies, Phy, Chem, Bio.	1975	2 <sup>nd</sup>
Bachelor's Degree (s)	Magadh University Bodh Gaya	Botany Hons. Zoo, Chem.	1981	1 <sup>st</sup> class
Master's Degree (s)	Magadh University Bodh Gaya	Botany	1983	1 <sup>st</sup> class National Merit Scholarship
Research Degree (s)	Magadh University Bodh Gaya	Studies on Keratinophilic fungi of Gaya.	1986	University Research fellowship
Certificate in Computer course	Patna University Patna	Computer	2011	A Grade

## **Research Experience & Training**

Research Stage	Title of work/Theses	University where the work was carried out
<b>Ph.D.</b>	Studies on the Keratinophilic fungi of Gaya”	P.G. department, M.U, Bodh Gaya 1986
1. Surendra Kumar Prasad	Studies of Soil Mycoflora of Patna town	July 2010, Ph. D awarded, P.U.
2. Mrs. Mridula Kumari	Studies on the Keratinophilic fungi of Patna	1996, Ph.D awarded, P.U.
3. Mrs Suman Priya	Study of Mycoflora involved in biodegradation of different historical monuments of Patna	Thesis submitted in May 2025.

## **Training**

- 7 Participated 2nd Special Winter School on “NAAC Accreditation of Universities and Colleges from 16-01-2015 to 05-02-2015, obtained Grade A at Magadh Mahila College, Patna.

## **Publications**

1. “Climate Induced Fungal Degradation and Biodiversity Impact on Heritage,Suman Priya & Namita Kumari, International Journal of Creative Research Thoughts (IJRCT) an International open access, Volume , Year 2025, Pages 555 to 560 journal.
2. “Study of fungal species on deteriorating histological monument with reference to Golghar, Patna (Bihar) ,Suman Priya & Namita Kumari ,UGC approved Journal No. – 49321 Shodh Drishti (an International Peer reviewed Research Journal), Volume 15, Year 2024, Pages 159 to 164 journal.
3. “Influence of Carbohydrates on the Growth of Microsporum canis, a Keratinophylic Fungus, Namita Kumari ,International Journal of Science and Research (IJSR), Volume 10, Year 2021, Pages 947-948
4. “ Study of soil mycoflora of Patna town through baits of different nature ,Namita Kumari,& Surendra Kr Prasad, International Journal of Science and Research (IJSR), Volume 9, Year 2020, Pages 1554- 1559
5. Assesment of nutritional factor on the growth of Histoplasma. Capsulatum,Namita Kumari, Surendra Kr Prasad & Amresh Yadav,2nd International conference on Recent Developments in Science, Engineering Management & Humanities(SEMH-19), Volume , Year 2019, Pages 341-349
6. Isolation and identification of fungi associated with spoilt fruits vended I n nearby markets in Patna ,Namita Kumari Jigyasa, Volume IV, Year 2018, Pages 30-32
7. Impact of plant extracts on the growth of some Dermatophytes,Namita Kumari ,International Journal of Engineering Science Invention(IJESI) , Volume 6, Year 2017, Pages 14-18
8. Fungal pollution in indoor environments, Namita Kumari , Arvind Kumar and

9. Antibacterial effect of Neem leaf, Namita Kumari, Jigyasa, Volume III, Year 2015, Pages 41-44
10. Effect of heavy metals like mercury(Hg<sup>++</sup>), Cadmium(Cd<sup>++</sup>) and Lead(Pb<sup>++</sup>) on the spore germination of *Pteris vittata* L, the common road side fern, Mausumi Biswas, Pushpanjali Khare and Namita Kumari, International Journal of Science, Technology and Management, Volume 04, Year 2015, Pages 194-198
11. Influence of keratin on the growth of some keratinophilic fungi, Namita Kumari & Arvind Kumar, IOSR Journal of Pharmacy and Biological Sciences (IOSR-JPBS), Volume 9, Year 2014, Pages 01-04
12. Screening of Amino acids on the growth of *Microsporum canis* and *Histoplasma capsulatum* , Namita Kumari, Surendra Kr Prasad & Basant Narayan Singh 3rd World Conference on Applied Sciences, Engineering and Technology WCSET-2014, Volume 578-581, Year 2014, Pages
13. Influence of antibiotic on the growth of *M. canis* and *H. capsulatum*, Namita Kumari & Surendra Kr Prasad, International Journal of Engineering Research and General Science , Volume 2, Year 2014, Pages 108-111
14. Solid Waste management by Degrading fungi, Namita Kumari & Surendra Kr Prasad, Indian Journal of Applied & Pure Biology, Volume 28(2), Year 2013, Pages 283-285
15. Desynaptic variations in *Catharanthus roseus* , Namita Kumari & Rachna Prasad, Biosciences, Biotechnology Research Asia, Volume 9, Year 2012, Pages 889-890
16. "interrelation of pH and growth of some keratinophilic fungi , Namita Kumari & Surendra Kr Prasad Jigyasa, Volume 1, Year 2012, Pages 11-14
17. Influence of temperature on the growth of some keratinophilic fungi , Namita Kumari & Surendra Kr Prasad, Biospectra, Volume 7(1), Year 2012, Pages 197-200
18. Isolation of Cellulolytic fungi from the soil of Patna , Namita Kumari & Surendra Kr Prasad, Natural Science Today, Volume 9, Year 2011, Pages 1-4
19. Effect of vitamins on the growth of dermatophytic fungi-*Microsporum canis* & *Histoplasma capsulatum* , Surendra Kr Prasad & Namita Kumari Surendra Kr Prasad & Namita Kumari
20. Study of Soil Mycoflora of Keratinophilic nature, Surendra Kr Prasad & Namita Kumari , Educational Science Review, Volume 1 and 2, Year 2010, Pages 87-89
21. Urease activity in Sesame seedlings due to storage fungi of the seed, U. Shankar, Namita Kumari & others, Advances in Plant Science, Volume , Year 1999, Pages 291-292
22. Sources of amino acids and their degradation in Rajma (*Vigna unguiculata*) seeds

due to *Aspergillus niger*, Shambhu Dayal, Namita Kumari & others, *Advances in Plant Science*, Volume , Year 1999, Pages 63-66

23. Incidence of keratinophilic fungi at Gaya (Bihar State, Dr. Namita Kumari, *Journal of Phytopathological Research*, Volume , Year 1998, Pages 199-200
24. Sources of amino acids and their degradation in cowpea (*Vigna senensis* var, c-152) seeds ,Dr. Namita Kumari ,*Bulletin of Pure & Applied Science*, Volume 13b (no.2), Year 1994, Pages 95-98
25. Some economically important plants of Magadh Mahila College, Patna ,Dr. Namita Kumari ,*Jigyasa vol (II)*, Volume II, Pages 26-32
26. Assessment of plant extracts on the growth of *Microsporum canis* and *Histoplasma capsulatum* ,Surendra Kr Prasad. & Namita Kumari Jr *IJERGS*, Volume (5)1, Pages 112-116

### **Seminars, Conferences, Symposia, Workshops etc. attended**

1. Attended 10<sup>th</sup> All India Botanical Conference, Patna, December 1987, Department of Botany, Patna University, Patna.
2. Attended Zonal Seminar (Eastern Zone) of Indian Phytopathological Society from 16<sup>th</sup>-18<sup>th</sup> January 1993. Department of Botany, Bodh Gaya.
3. Attended and presented paper in National Symposium on Plant Diversity & Biotechnology, 9 - 10 October 2001. Department of Botany, Patna University, Patna.
4. Attended and presented paper "Influence of Amino acids on the growth of *Trichophyton tonsurans*" in National Seminar on Recent trend in Biotechnology for human welfare, 9<sup>th</sup> 10<sup>th</sup> October 2004, G.D.M.College Harnaut, Bihar.
5. Attended and presented paper "Wetland Resources of India and their utilization " in National Seminar on the environment status and appropriate use of flood plain wetland of Bihar. 14-15 May 2005. U.G.C. Center of Biotechnology & Department of Botany, B.N.College.P.U. Patna.
6. Attended and presented paper " Soil Mycoflora of Keratinophilic nature of Patna " 28<sup>th</sup> All India Botanical Conference, 24-26 October 2005. Botanical Survey of India, Dehradun.
7. Attended and presented paper "Isolation of degrading mycoflora from the soil of Patna" National Seminar on "Environmental degradation and conservation", 16<sup>th</sup> 17<sup>th</sup> December, 2006, P.G.Department of Botany, Nalanda College, Bihar Sharif.
8. Attended 94<sup>th</sup> Indian Science Congress, 3 to 7 January, 2007. Annamalai University, Annamalai Nagar, Chidambaram.
9. Attended and presented paper "Isolation of Fruits and Vegetables degrading Mycoflora from garbage soil of Patna" 2<sup>nd</sup> Bihar Vigyan Science Congress, 26-28 February, 2007. B.C.S.T. Patna.
10. Attended and presented paper "Influence of medicinal plant extracts on the growth of some dermatophytic fungi *M. gypseum* & *T. tonsurans*." National Seminar on Traditional medicinal uses of plants for human welfare. 17-18 March, 2007. Department of Botany, R.L.S.Y.College Bakhtiyarpur.
11. Attended National Workshop on Career counselling and Training in Science and Engineering. 8-9 October 2007. Jagdam College, Chapra.

12. Attended National Seminar on Control of Mercury on Biological system. 24-25 December, 2007. B.S.College, Danapur, Patna.
13. Attended and presented paper "Isolation of Decomposer Mycoflora from the soil of Patna".95<sup>th</sup> Indian Science Congress, 3 to 7 January, 2008. Vishakhapatnam.
14. Attended and presented paper "Prevention and control of water pollution" National Seminar on Water Conservation, 19-20 January, 2008. G.D.M.College, Harnaut, Bihar.
15. Participated in the Faculty Development Program organised by IcFai University on 6<sup>th</sup> February 2008 at Patna.
16. Attended and presented paper "Control of Pollution through Vegetation "National Seminar on "Plastic waste- A hazard to environment. A boon for road strength", 23<sup>rd</sup> May, 2008.P.G.Department of Chemistry, College of Commerce, Patna.
17. Attended National Symposium on "Climate Change and Sustainable Development." 23<sup>rd</sup> -24<sup>th</sup> December, 2009. Magadh Mahila College, Patna University, Patna.
18. Attended National Seminar on Biodiversity Conservation. 18<sup>th</sup>&19<sup>th</sup> September, 2010. Department of Zoology, L.P. Shahi College, Patna.
19. Attended 98<sup>th</sup> Indian Science Congress, 3 to 7 January, 2011. S.R.M. University, Chennai.
20. Attended National Seminar on " Paryavaran main Badlao: Karan Aur Nivaran". at Arvind Mahila College, Patna 21 & 22 Feb. 2011. with CSTT, HRD, New Delhi.
21. Attended National Seminar on". Bhartiya Bhashaon mein Takniki Shabdawali." Vigyan Bhawan, New Delhi, 27-29, April 2011. with CSTT, HRD, New Delhi.
22. . Attended Workshop on Chemistry The Elixir of Life. On December 02, 2011. Magadh Mahila College,Patna.
23. Attended National Symposium on" Green Chemistry: Key to Life." On December 13; 2011. Magadh Mahila College,Patna.
24. Attended and presented paper "Influence of temperature on the growth of some dermatophytes." 99<sup>th</sup> Indian Science Congress, 3 to 7 January, 2012. KIIT Bhuvneshwar, Orrisa.
25. Attended and presented paper "Solid waste management by degrading fungi" National seminar on "Biological measures towards total sanitation in rural & semi urban areas." At Department of Botany, Sri Arvind Mahila College, Patna on 20<sup>th</sup>-21<sup>st</sup> January, 2012.
26. Attended Workshop on NAAC on 21<sup>st</sup> February at Magadh mahila college, Patna.
27. Attended and presented paper "Plastic bags –An environmental hazard" National seminar on "Chemistry is life" at Department of Chemistry, Magadh Mahila College, Patna. On 23<sup>rd</sup>-24<sup>th</sup> February, 2012.
28. Attended and presented paper "Influence of temperature on the growth of some keratinophilic fungi" National seminar on" Climate Change and it's impact on plant & animals"at Department of Botany, J.M.D.P.L. Mahila College, Madhubani, Bihar. On 3<sup>rd</sup>-4<sup>th</sup> March, 2012.
29. Attended and presented paper " Women Empowerment with Science and Technology" NATIONAL CONFERENCE ON" Women in Science" at Department of Physics, Magadh Mahila College, PATNA. On 14th-15th March, 2012.
30. Attended and presented paper "Cellulolysis of cotton cloth by fungi in soil of Patna." National seminar on "Recent trends in life sciences "at Department of Botany, Patna University, Patna. On 30th May 2012.
31. Attended and presented Paper on the topic "Impact of plant extracts on the growth of some

dermatophytes” 100th Indian Science Congress, 3 to 7 January, 2012. Kolkata.

32. Attended National workshop on “Institutional healthy practices: opportunity and strategies” on 20<sup>th</sup> February, 2013, at Patna Women’s College.
33. Attended National conference on “Higher Education: Exploring New Trends” on 21<sup>st</sup> and 22<sup>nd</sup> September, 2013, at Governor’s Secretariat, Bihar. Raj Bhavan, Patna
34. Organised a meeting of Botany Glossary with Commission for Scientific and Technical Terminology, H.R.D, New Delhi, 2 to 5 January, 2014 at Magadh Mahila College, Patna.
35. Participated in the Faculty Development Program “Teaching Methodology with ICT & Case Based Learning.” Organised by IBS Business School on 8<sup>th</sup> August 2014 at Magadh Mahila College, Patna.
36. Attended and presented Paper on the topic “Screening of Amino acids on the growth of *Microsporum canis* and *Histoplasma capsulatum*” 3<sup>rd</sup> World Conference on Applied Sciences, Engineering and Technology, 27-29 September, Kathmandu, NEPAL.
37. Attended 6<sup>th</sup> Bihar Science Conference, an International conference of Science & Technology as a member of organising committee from 23<sup>rd</sup> to 25<sup>th</sup> December 2014 at Magadh Mahila College, Patna, organised by BBrains Development Society, Patna.
38. Participated 2<sup>nd</sup> Special Winter School on “NAAC Accreditation of Universities and Colleges “from 16-01-2015 to 05-02-2015, obtained Grade A at Magadh Mahila College, Patna.
39. Attended and presented paper “Fungal pollution in indoor environments” National seminar on “Environmental Pollutant: Safety Measure and Management” at Department of Chemistry, Magadh Mahila College, Patna. On 5<sup>th</sup>-6<sup>th</sup> December, 2015.
40. Attended National Seminar on “Vashvik Tapman (Global warming): Karan Aur Nivaran”. at Arvind Mahila College, Patna 11 & 12 January. 2016. with CSTT, HRD, New Delhi.
41. Organised one day seminar on “Reaching the unreached through Science and Technology” on September 2017, at Deptt of Botany, Magadh Mahila College, Patna. Sponsored by Indian Science Congress Association, Patna Chapter
42. Attended National Seminar on “Reaching the unreached through Science and Technology” on 19 November 2017, at University Deptt of Chemistry, M.U, Bodhgaya. Sponsored by Indian Science Congress Association, Patna Chapter
43. Attended Workshop on star college scheme for the Colleges of Bihar and Jharkhand. On 25 January 2018 at Patna Women’s College, P.U. Patna.
44. Attended Two days faculty development programme On 11-12 July 2018 in association with H.R. Solution at Magadh Mahila College, P.U. Patna.
45. Attended National Seminar on “Women’s Health: Miles to Go.” On March 8-9; 2019 in collaboration with UNICEF. at P.G. Department of Home Science, Magadh Mahila College, Patna.
46. Participated International Webinar on “Prospects of natural products on human health in current scenario.” 24 June 2020. Organized by Department of Botany, MMV, Banaras Hindu University, Varanasi, U.P..
47. Participated Webinar “Effective ways of writing research articles.” On 25<sup>th</sup> July 2020. Organized by S.R.M. University- AP.

### **Honours and Awards**

1. Certificate of appreciation – 2025, The George Telegraph Training Institute,
2. Certificate of appreciation – 2024, Indian Science Congress Association, Patna
3. Guru Samman 2024 – 2024, Prabhat Khabar, Bihar
4. Certificate of merit outstanding contribution in administration of PU – 2023, Patna University, Patna



**Teaching Experience**

Courses Taught	Name of the University / College / Institution	Duration
U.G. B.A. /B.Sc., etc. Pass B.A. / B.Sc. / etc. Hons.	Magadh Mahila College, Patna Both	From 14 July 1987 continuing
P.G. (M.A. /M.Sc.,	Magadh Mahila College, Patna	From 14 July 1987 to 1997.

**Organized Contributions in Academic Events (2024)**

S.No	Role	Event Name	Organizer(s)	Collaborator(s) / Support	Date
1	Patron	Two-Day National Conference on 'Health and Well-being: Challenges and Solutions in Changing World'	Department of Psychology, Magadh Mahila College, Patna University, Patna, Bihar	National Academy of Psychology (NAOP), Bhubaneshwar, Odisha	25th–26th November 2024
2	Patron	Two-Day National Conference on 'Gender Inclusion and Employment in Sustainable Development'	IQAC and Department of Economics, Magadh Mahila College	Shyama Prasad Mukherjee University, Ranchi, Jharkhand	22nd–23rd November 2024
3	Chairperson	National Seminar on 'Intellectual Property Rights: Opportunities and Challenges (IPORC)	IQAC, Magadh Mahila College	Patna Law College, Patna University	15th–16th May 2024
4	Patron	National Seminar on 'Trends in Green Chemistry and Sustainable Development (TGCS–2024)'	Department of Chemistry in collaboration with IQAC, Magadh Mahila College, Patna University	Indian Science Congress Association (ISCA), Patna Chapter	20th–21st February 2024
5	Convener	3-Day Workshop on 'Global warming and climate change: Impact and resilience'	IBRF Kolkata in association with Magadh Mahila College, PU Patna	IBRF Kolkata in association with Magadh Mahila College, PU Patna	8th–10th August 2024
6	Convener	5th World Clean Environment Summit and International Conference on 'Technological Innovations for Climate Mitigation and Global Warming'	Magadh Mahila College, Patna university, Patna	IBRF Kolkata in association with Magadh Mahila College, PU Patna	12th–14th December 2023

**Total Teaching Experience**

- a) Under-graduate (Pass) : 38 Years
- b) Under- graduate (Hons) : 38 Years
- c) Post-graduate : 10 Years

**Participation in Corporate Life****College/University/ Institution**

Teaching, Examination controller, Admission in-charge, campus in-charge

**Membership**

The Indian Science Congress Association (Life Membership)

Journal of Indian Botanical Society (Life Membership)