

# CURRICULUM – VITAE

Present Address: - **Dr. MANEESH BHAURAO MATTE**  
HOD and Assistant Professor,  
Department of Physics,  
Rashtrapita Mahatma Gandhi  
Arts and Science College, Nagbhid- 441205.

E-mail: - [manishmatte19071986@gmail.com](mailto:manishmatte19071986@gmail.com)  
Mobile No.: - +91 9518981764 / +91 7743990371  
Languages: - Marathi, English, Hindi.



## Education :-

| Examination | Year | Subject Taken             | University                      |
|-------------|------|---------------------------|---------------------------------|
| B.Sc.       | 2010 | Physics, Chemistry, Maths | R T M Nagpur University, Nagpur |
| M.Sc.       | 2012 | Physics                   | R T M Nagpur University, Nagpur |
| SET         | 2013 | Physics                   | MAHARASHTRA SET                 |
| Ph.D.       | 2020 | Physics                   | R T M Nagpur University, Nagpur |

Topic of Ph. D.: "**Some Studies in Spatially Extended System**".

Supervisor :- **Prof. P.M. Gade**, Professor, Department of Physics, R T M Nagpur University, Nagpur

## Experience

### a) Teaching

| Name of Institute    | Post held           | Duration                    |
|----------------------|---------------------|-----------------------------|
| RMG College, Nagbhid | Assistant Professor | September 2016 to till date |
| ANC College Warora   | CHB Teacher         | June 2013 to Feb 2014       |

### b) Research

| Name of Institute                                    | Post held | Duration               |
|--|-----------|------------------------|
| Department of Physics, RTM Nagpur University, Nagpur | JRF       | March 2014 to Aug 2016 |

**Research Specialisation :-** Nonlinear Dynamics, Statistical Physics

**Current area of research:-** SOC(Self Organized Criticality) and their relation with phenomenon of Biological evolution and their models, Non-equilibrium Phase Transition. My research activities concern the development and application of statistical and computational methods in Nonlinear dynamics.

**Collaborations :-**

1. **Prof. Deepak Dhar**, Distinguished Visiting Professor, IISER, Pune
2. **Prof. P. M. Gade**, Professor, Department of Physics, RTM Nagpur University, Nagpur

### Research Project:-

Gondwana University, Gadchiroli Minor Research Project Scheme, Sanshodhan  
Project Title:- **Studies on Non-equilibrium Phase Transition on Networks**

**Amount for Project:- 80,000/-**

**Publications:**

**In International Journals**

1. [Persistence as the order parameter in a generalized pair-contact process with diffusion](#), **Maneesh B.Matte**, Prashant M. Gade, *J. of Statistical Mechanics: Theory and Experiment*, Volume 2016, November 2016.  
DOI: [10.1088/1742-5468/2016/11/113203](#)
2. [Criticality in a dynamics ruled evolutionary model](#)  
**Maneesh B.Matte**, Prashant M. Gade, *Communications in Nonlinear Science and Numerical Simulation* Volume: 65, Pages: 91-97, May 2018  
DOI: [10.1016/J.CNSNS.2018.05.005](#)
3. [Emergence of long range order for sublattice update in coupled map lattices](#)  
Ankosh D Deshmukh, **Maneesh B.Matte**, Prashant M. Gade, *EUROPEAN PHYSICAL JOURNAL B* Volume: 92, Issue: 8, Pages: 91-97,  
DOI: [10.1140/EPJB/E2019-100078-1](#)

**Professional Training Received:-**

| Year    | Nature of Training   | Duration                 | Organization where training was provided         |
|---------|--|--------------------------|--|
| 2015    | Hands On School On Non-linear Dynamics   | 16-22 Feb 2015           | IPR,Gandhinagar                                  |
| 2015-16 | Science Academies' Refresher Course on APPLICATIONS OF QUANTUM MECHANICS: ATOMS, MOLECULES AND RADIATION | 20 Dec 2015 - 4 Jan 2016 | Department of Physics, Mumbai University, Mumbai |

**Academic Staff College Orientation / Refresher Course / Faculty Development Programme / Workshops attended, etc:**

| Name of the course / Summer School | Place   | Duration   | Sponsoring Agency |
|------------------------------------|---|--|-------------------|
| Faculty Development Programme      | Teaching Learning Centre, Ramanujan College, University of Delhi under the aegis of MHRD PMMMNMTT | <b>2 Weeks</b><br>(20 <sup>th</sup> April, 2020 to 06 <sup>th</sup> May, 2020) | UGC               |
| Faculty Development Programme      | A.S.C. HRDC Savitribai Phule Pune University, Pune  | <b>1 Weeks</b><br>(21 <sup>st</sup> May, 2020 to 30 <sup>th</sup> May, 2020)   | UGC               |
| Orientation Programme              | Teaching Learning Centre, Ramanujan College, University of Delhi under the aegis of MHRD PMMMNMTT | <b>4 Week</b><br>(04 <sup>th</sup> June, 2020 to 01 <sup>st</sup> July, 2020)  | UGC               |
| Faculty Induction Programme        | A.S.C. HRDC Savitribai Phule Pune University, Pune  | <b>4 Week</b><br>(15 <sup>th</sup> Oct, 2020 to 13 <sup>th</sup> Nov, 2020)    | UGC               |

**Important Conferences / Seminars attended:-**

| Sr.No. | Year | Conferences/ Seminars attended  |
|--------|------|---|
| 1      | 2012 | International conference on luminescence and its applications (ICLA-2012) Hyderabad, India. |

|    |      |   |
|----|------|---|
| 2  | 2012 | International Workshop on Advanced Material Science & Astrophysics.Pt. Ravishankar Shukla University,Raipur, Chhattisgarh,India   |
| 3  | 2013 | National Conference on Material Characterization and their Application, Bhadravati, India   |
| 4  | 2014 | National Conference on Material Characterization their Application, Warora, India   |
| 5  | 2015 | Conference on Nonlinear System and Dynamics, IISER Mohali   |
| 6  | 2016 | Statphys Kolkata IX, S.N. Bose Institute,Kolkatta   |
| 7. | 2017 | Avishkar-2016, Gondwana University Gadchiroli Research Festival, SP College, Chandrapur   |
| 8. | 2017 | 11 <sup>th</sup> Maharashtra State Level Inter University Research Convention, Swami Ramanand Teerth Marathawad University, Nanded  |
| 10 | 2017 | One Day Workshop on CBCS Syllabus in All Subjects of Science Faculty, Shri Dnyanesh Mahavidyalaya, Nawargaon.   |
| 11 | 2018 | National Seminar on “Modern Perspectives in Life Sciences (MPLS-2018)” at Chimur, Dist-Chandrapur on dated 9-10th March, 2018   |
| 12 | 2018 | One Day workshop on Application of ICT in Higher Education and E-Content Preparation Followed by Hand’s on Demo of Smart-Board Use  |
| 13 | 2019 | University Level One day Workshop on Scope of CBCS Pattern Syllabi of B.Sc. SEM-V and Sem-VI organized by Department of Physics, Guru Nanak College of Science, Ballarpur |

#### **Papers presented at Conferences / Seminars / Symposia etc.:-**

| Name of Author/s                               | Year | Title of paper   | Name of Symposia/ conference                              | Sponsoring Agency             |
|--|------|--|---|-------------------------------|
| <b>A) International Conferences / Symposia</b> |      |  |   |                               |
| Maneesh B. Matte,<br>P. M. Gade                | 2016 | Local Persistence in Generalized Pair Contact Process with Diffusion | StatPhys Kolkata IX                                       | S.N. Bose Institute, Kolkatta |
| <b>B) National Conferences / Symposia</b>      |      |  |   |                               |
| Maneesh B. Matte,<br>P. M. Gade                | 2015 | Persistence in Generalized Pair Contact Process with Diffusion       | Conference on Nonlinear System and Dynamics, IISER Mohali | IISER Mohali                  |

#### **Awards/ Offers:-**

1. Third prize in Vidarbha Universities Physics Teacher Association (VUPTA- 2010) seminar competition.
2. During M.Sc.(2012) 3<sup>rd</sup> Merit from RTM Nagpur University, Nagpur
3. I got the BSR-UGC SAP fellowship from 27<sup>th</sup> march 2014 to 27<sup>th</sup> Aug 2016.
4. I got 2<sup>nd</sup> prize in 'Avishkar-2016' which arranged by Gondwana University.