

## Curriculum Vitae



**Name:** Dr. Amit Chandrashekhar Dabhole

**Address:** Flat No 2, Mauli Residency, Near Disha Nagari, Beed  
bypass, Chatrapati Sambhajinagar. 431005

**E-mail:** [amit.dabhole@mit.asia](mailto:amit.dabhole@mit.asia),

**Date of Birth:** 15-05-1983

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### Academic Credentials

| Class/<br>Degree     | Specialization | Institution                                     | University  | Year         | %/CGPA | Class                  |
|----------------------|----------------|---|---|--------------|--------|------------------------|
| Ph.D.                | Mathematics    |   | Dr.<br>Babasaheb<br>Ambedkar<br>Marathwada<br>University,<br>Aurangabad | Feb<br>2021  |        |                        |
| M.Sc.<br>Mathematics | Mathematics    | Department<br>of<br>Mathematics,<br>Dr.<br>BAMU | Dr.<br>Babasaheb<br>Ambedkar<br>Marathwada<br>University,<br>Aurangabad | June<br>2006 | 65.5%  | <i>First<br/>Class</i> |

|       |  |  |  |           |         |                    |
|-------|--|--|--|-----------|---------|--------------------|
| B.Sc. | Computer Science, Physics, Mathematics | Vivekanand college, , Chatrapati Sambhajinagar | Dr. Babasaheb Ambedkar Marathwada University, Aurangabad | June 2003 | 67.58 % | <i>First Class</i> |
|-------|--|--|--|-----------|---------|--------------------|

#### Ph. D (Mathematics)

|                     |  |
|---------------------|--|
| <b>Title</b>        | A Study of Various Types of Graphs On Ordered Sets |
| <b>Guide</b>        | <b>Prof. Dr. Kirtiwant P. Ghadle</b>               |
| <b>University</b>   | Department of Mathematics, Dr. BAMU, Sambhajinagar |
| <b>Completed on</b> | <b>Feb 2021</b>                                    |

Key Research Areas: Lattice theory and graph theory

#### Experience

| Sr. No. | Organization | Post                | From-To                 | No. of Years |
|---------|--------------|---------------------|-------------------------|--------------|
| 1       | MIT          | Assistant Professor | 2022-till date          | 03 yrs       |
| 2       | MIT          | Lecturer            | 2007-2022               | 15 yrs       |
| 3       | MIT          | Lecturer            | 27-3-2007 to 02-08-2007 | 0.5          |

#### List of Courses Taught/Teaching at UG level:

- Engineering Mathematics-I
- Engineering Mathematics-II
- Engineering Mathematics-III
- Engineering Mathematics-IV
- Discrete Mathematics
- Cognitive Aptitude

#### List of Courses Taught/Teaching at PG level:

Nil

#### Additional Assignments/Duties:

1. Admission committee member from last 15 years.

2. **Chairman of paper setting** in the subject of Mathematics-,I, II, III at the F.Y. and S.Y. B. Tech Theory Practical examination.
3. Called to conduct **Interview at Kendriya Vidyalay**, Aurangabad.
4. Invited as **judge** for the event Tech Elektra.
5. Dy. Presiding officer, gate 2011, 2012.
6. CRA, Bank of Baroda exam.
7. **Under Study** for DR.B.A.M. UINVERSITY examination, Aurangabad.
8. **Liaison officer**, MT-CET exam, 2013.
9. First year **Online exam co-ordinator**, DR.B.A.M. UINVERSITY, Aurangabad.
10. **Paper setting**, ME, college, of engineering, Aurangabad. 2014.
11. **Associate Program Officer**, NSS, 2014.
12. **Teacher Guardian Scheme** co-ordinator at college.
13. **Time table co-ordinator** at college.
14. **Term work co-ordinator** at college.
15. **Class-test co-ordinator** at college.
16. **Observer** for NEET, GPAT examnation 2020.
17. **Chief Superiendentent** for UPSC examination at college.
18. **Chief Superiendentent** for MPSC examination at college.
19. **Sport Incharge** at college.
20. **Internal Committee Member** in NACC to prepare SSR.
21. Member of the annual social gathering function "*Kalavihangam*".
22. **Prepared SSR for NBA** (Specially point No. 8) at the department level in MIT in the educational year 2019-20.
23. A member on Departmental **NACC** Committee.

**Membership of Professional Bodies:**

- Nil

**Seminar/Workshop/Industrial Training/STTP//FDP/CEP/Conference Attended:**

**WORKSHOPS ATTENDED**

| Sr. No. | Title of the paper | Conference Name     | Dates | Conference Venue & Organizer | Conferen<br>ce Level<br>(National / Internati<br>onal) |
|---------|--------------------|---------------------|-------|------------------------------|--|
| 1.      | Zero-divisor       | Internal Conference | 26-   | Department of Mathematics,   |  |

|    |   |  |                              |  |               |
|----|---|--|------------------------------|--|---------------|
|    | graph of some special lattices                              | on Mathematics-2015  | 28 <sup>th</sup> Nov 2015    | University of Kerala, Thiruvananthapuram.  | International |
| 2. | Incomparability graphs of the lattices $L_n$ and $L_n^{12}$ | International Conference on Current Trends in Graph Theory and Computation | 17-19 <sup>th</sup> Sep 2016 | Department of Mathematics South Asian University Akbar Bhawan Chanakyapuri, New Delhi 110021 (India) | International |

## ORGANISING WORKSHOP/CONFERENCES

Nil

### Invited talks delivered

- Nil

### Intellectual Property Rights

#### Detail of Patent

Nil

#### Detail of Copyright

Nil

### List of Research Publications

| S<br>r<br>N<br>o | Title of the research  | Paper Published in-<br>Journal/ National/<br>International /State<br>level Conference/<br>Attended Seminar | Date<br>of<br>Publi-<br>cation | ISBN/<br>ISSN<br>Number                        | Published/ Presented  |
|------------------|--|--|--------------------------------|--|---|
| 1                | <i>Zero-divisor graphs of some special lattices</i>                                      | Mathematical Sciences International Research Journal (Peer-reviewed)                                       | 2015                           | ISSN 2278-8697<br>Page No. 182-184             | <a href="https://drive.google.com/file/d/1doJo7KTauuoTf41C2dZfvVnma9GDfj5/view">https://drive.google.com/file/d/1doJo7KTauuoTf41C2dZfvVnma9GDfj5/view</a> |
| 2                | <i>Incomparability graphs of the lattices <math>L_n</math> and <math>L_n^{12}</math></i> | Electronic Notes in Discrete Mathematics (Scopus Index)  | 2017                           | ISSN 1571-0653<br>Page No. 271–278             | <a href="https://doi.org/10.1016/j.endm.2017.11.022">https://doi.org/10.1016/j.endm.2017.11.022</a>   |
| 3                | <i>Incomparability graph of the special lattice <math>L_n^{12}</math></i>                | Advances in Mathematics: Scientific Journal (Scopus Index)   | 2020                           | ISSN 1857-8365<br>Vol 9 (2020), Sr no.11, Page | <a href="https://doi.org/10.31838/jcr.07.13.214">doi: 10.31838/jcr.07.13.214</a>  |

|   |   |   |      |  |   |
|---|---|---|------|--|---|
|   |   |   |      | No. 9781–9786  |   |
| 4 | <i>Zero- Divisor Graphs of the Lattice <math>L^2</math></i>   | Journal of Critical Reviews (Scopus Index)                                  | 2020 | ISSN-2394-5125<br>VOL 7,<br>ISSUE 13<br>Page No. 1258- 1264          | <a href="https://doi.org/10.37418/amsj.9.11.87">https://doi.org/10.37418/amsj.9.11.87</a>   |
| 5 | <i>Some Results on Atomi Graph of the Lattices</i>  | South East Asian J. of Mathematics and Mathematical Sciences (Scopus Index) | 2022 | ISSN (Online): 2582-0850<br>ISSN (Print): 0972-7752                  | DOI:10.33329/bomsr.10.2.1   |
| 6 | <i>Special Cut Sets in the Zero-divisor Graph of the Lattices <math>L_n</math> and <math>L_{12n}</math></i> | NOVYI MIR Research Journal (Web of Science)                                 | 2022 | ISSN No: 0130-7673<br>Volume 7,<br>Issue 6, Page No. 26-37           | <a href="https://rsmams.org/journals/articleinfo.php?articleid=697&amp;tag=seajmams">https://rsmams.org/journals/articleinfo.php?articleid=697&amp;tag=seajmams</a>                 |
| 7 | <i>Representation of A Number Using Unique Factorization Theorem In <math>DNR_2</math> Expression</i>       | BULLETIN OF MATHEMATICS AND STATISTICS RESEARCH (Peer-reviewed)             | 2022 | ISSN No: 2348-0580<br>Vol.10.Issue. 2 (April-June) Page No. 1-4      | <a href="https://doi.org/10.10098.NMRJ.2022.V7I6.256342.2062">DOI:16.10098.NMRJ.2022.V7I6.256342.2062</a>   |
| 8 | <i>ZERO-DIVISOR GRAPHS OF THE LATTICES <math>L_n</math>, <math>L_{12}</math> AND <math>L_n'</math></i>      | Journal of Technology (Scopus Index)  | 2023 | ISSN: 10123407<br>VOLUME 11<br>ISSUE 11,<br>2023<br>PAGE NO: 84-89   | <a href="https://drive.google.com/file/d/1VT6mephkHMN0PV-8hRZRkJcQfAn96hTY/view?usp=sharing">https://drive.google.com/file/d/1VT6mephkHMN0PV-8hRZRkJcQfAn96hTY/view?usp=sharing</a> |
| 9 | <i>Incomparability graphs of the lattice <math>L_{n13}</math></i>   | Journal of Technology (Scopus Index)  | 2023 | ISSN: 10123407<br>VOLUME 11<br>ISSUE 11,<br>2023<br>PAGE NO: 409-413 | <a href="https://drive.google.com/file/d/1zUjDoYbmrnRmDXjAgD0gyE8_L_9y8muM/view?usp=sharing">https://drive.google.com/file/d/1zUjDoYbmrnRmDXjAgD0gyE8_L_9y8muM/view?usp=sharing</a> |

#### Papers in National /International Conference Proceedings

- Nil

#### Papers published in Book chapter

- Nil

#### Reviewer

- Nil

#### NPTEL Certification

Nil

Date: 25-04-2025

Place: Chatrapati Sambhajanagar -431005

**Dr. Amit Chandrashekhar Dabhole**

Assistant Professor in BSHD