

| PERSONAL DETAILS                  |                         |   |
|-----------------------------------|-------------------------|---|
| Name                              | Shwetha H N             |  |
| Department                        | Mathematics             |   |
| Designation                       | Assistant Professor.    |   |
| Qualification                     | M.sc, (PhD)             |   |
| Teaching Experience               | 10 Years                |   |
| Email ID                          | shwethahn2007@gmail.com |   |
| DOJ                               | 24 – 08 - 2009          |   |
| Nature of Association             | Regular                 |   |
| Core Discipline                   | Mathematics             |   |
| Specialization                    | Graph Theory            |   |
| MEMBERSHIP OF PROFESSIONAL BODIES |                         |   |
| Professional Society              | From Year               | Membership Number/ Nature   |
| IMA                               | 2017                    | Life Time   |
| ISCA                              | August 2019             | Life Time   |
| MISTE                             | December 2020           | Life Time   |
| AWARDS, COMMENDATIONS RECEIVED    |                         |   |
| Nature                            | Year                    | Awarding Organization   |
| Best Teacher                      | 2018                    | BGSIT, B G Nagara   |

### Research Publications:

1. “*On 1-edge Balance Index Set of  $c_n \times p_4$  and Double squared Chain graph*” Published in” Malaya Journal of Mathematik”, Vol. 9, No. 1, 204-207, 2021.
2. “*Bounds for  $\alpha$ -Adjacency Energy of a Graph*” Published in IOP Conf. Series: “Materials Science and Engineering” 1070 (2021) 012019.
3. “*On the Energy of Graphs Associated with Vector spaces*”. Chengdu University of Technology (Science and Technology Edition), Volume 26, Issue 08, August-2021.

## **Paper Presentation:**

- 1) Paper Presented “International Conference on Global advancement of Mathematics”. Title of the Paper “Hamiltonian Laceability in some brick product Graphs “on June 25,26,2019 at Acharya Institute of Graduate Studies, Bangalore.
- 2) Paper Presented “International Conference on Pure and Applied Mathematics”. Title of the Paper “Laceability Properties in some brick product Graphs “on June 25,26,2019 at Acharya Institute of Graduate Studies, Bangalore.

## **Online Exam;**

1. NPTEL Online Examination results awaited.

## **International / National Conference Attended:**

1. International Conference on “advances in Mathematical Sciences and Applications” on Dec-22, 23, 2014 at AIT Chikkamagaluru.
2. International Conference on “Pure and Applied Mathematics” Organized by the SCSVMV, Enathur, Kanchipuram, held during Dec-17, 18, 2018.
3. National Conference on “Geometric Function Theory and its applications” held on Jan 29,30,2018 at Yuvaraj’s College, Mysore.
4. International Conference on “Global advancement of Mathematics” June 25,26,2019 at Acharya Institute of Graduate Studies, Bangalore.
5. Attended Engineering faculty Workshop conducted at BGSIT, BG- Nagar on Oct 16, 17,18,2013.
6. Attended one day Work Shop on “Significance of Intellectual Property Rights and Innovations” at BGSIT, BG-Nagar on Mar-10-2020.
7. Attended one day Work Shop on “Mysteries of our Universe-A Scientific Inquiry” at BGSIT, BG-Nagar on Oct-31-2014.
8. Attended One day Training on “Management of Intellectual property” at BGSIT, BG-Nagar on Jun-21-2019.
9. Attended one day orientation program on “Draft National Education Policy-2019” held on sep-06-2019 at Adichunchanagiri University, BG-Nagar.

