

## Personal Profile



**Name:**

**Dr. Radhika Gautam Kumar Deshmukh**

**Designation:**

**Assistant Professor**

**Department:**

**Physics**

**Mobile No:**

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**Teaching Expertise:**

**Physics (Theoretical and Experimental)**

**Teaching  
Experience:**

**Junior college; 16Years**

**Senior College- 6Years**

**E-Content Channel:**

**YouTube, Personal Website, Google page, etc. (Hyperlinks to each)**

**1. You Tube**

<https://youtu.be/dlc-sqNDxG8?si=PAk9E20TVfZqPEN7>

<https://youtu.be/03ladHKzUNo?si=DGwCf8UjhfiOooeG>

<https://youtu.be/AyPkwnGX694?si=rSVzygnd9DnJIrOi>

**Research  
Experience:**

**10 Years**

**Area of Research:**

**Relativity, Astrophysics, Luminescent materials and its application Eduactional Physics, Energy Crisis**

**Research Platform  
links:**

**1.Orcid-** <https://orcid.org/0000-0002-8165-1969>

**2.Goggle scholar:**

**h index-10 , i<sub>10</sub> index-10**

<https://scholar.google.com/citations?user=A6Q7I3cAAAAJ&hl=en>

**3.Linkedin:** <https://www.linkedin.com/mwllite/in/radhika-deshmukh-128a58175>

**4.Research gate:** <https://www.researchgate.net/profile/Radhika-Deshmukh>

**Positions Held:**

**Assistant Professor (Dept of Physics)**

**1. Shri Shivaji Science College, Amravati (MS) (from 11/12/2019 to this date**

**2. Jr. College Teacher**

**Shri Shivaji Science College, Amravati (MS) (from 01/02/2003 to 10/12/2019**

**Academic  
Contribution:**

**Courses organized:**

**Invited Talks:**

1. Deliver a talk as a Resource person in FDP organised by UGC Human resource development on 15/9/2020
2. Delivered a talk as a resource person in FDP organised by UGC on 27/10/20
3. Invited talk on the role of Nanotechnology in daily life Nanotechnology in Engineering college of Baramati, Pune
4. Invited talk on Nano technology in national level webinar , Shri R. R. Lahoti Science College, Moshi, Amravati
5. Conducted Sessions as a Resource person on Teaching and Learning Science and Critical Thinking International workshop-2023 MIE Institute, Mauritius.

**(National and International Conferences, Workshops, Trainings. Camps etc.)**

National Conference Presentation -15

International Conference -14

Total publication : 26

Total Scopus/WOS publication -16

**Projects:** DBT STAR UG Projects: 6

(One project of Iqra kazi and  
Aryan Deshmukh patented)

DBT STAR UG Projects :6

(One project of Janhavi kene patented)

**Books / Articles Published Or Edited:**

1. No of book chapters Published -6
2. No of books Edited-4

**Patents –**

(International granted)- 8

Indian Granted -8

**Research Proposal -**

Member of Approved Research Proposal: Understanding the level of critical thinking internalized by science,2021-2023, With MAURITIUS INSTITUTE OF EDUCATION student-teachers and the associated misconceptions. An international perspective.

**Abroad Visits for Research Paper Presentation:**

1. Presentation in international conference (STEMI),2018, Bangkok, Thailand.
2. As A Resource Person For Teachers Workshop Organized by Mauritius institute of education, Mauritius
3. Presentation in international conference (Confo360) MAHE Dubai (2024)
4. Presentation at ICTS Bangalore Conference, Bengaluru
5. Presentation in International World women conference at Bangalore.

**Research  
Contribution:**

## Other Significant Contributions:

### ○ Memberships:

#### Member of :

- Indian Association of Physics Teacher (IAPT).
- Life member of Marathi Vindhyan Parishad, Mumbai.
- Life Member of ISCA.
- Member of APS.
- Member of ICERM.
- Coordinator of IIRS Outreach Program .
- Life Membership Society for Technologically Advance Material India (STAMI)

### ○ Activities Conducted:

- Participated in different social activities.
- Conducted Science activities workshop for School students and college students
- Member of NSS-Organized Various social activities and Camp from 2022to 2026
- Participation as a team manager of SGBAU in National Youth Festival
- In Qawwali Competition at Manu Urdu University at Hyderabad and Winner of First Prize to SGBAU
- Co-Ordinator DBT Star Catalyzed Sky Watching activity for tribal area students
- Co-Ordinator of Day Celebration Committee

### ○ Any Other:

- State level Best teacher Savitribai Phule award 2019
- Best National teacher Prestigious Award by IRDP Research Institute, Chennai , Madras.
- Best Woman Scientist Award Novel Research Academy 2021
- 2<sup>nd</sup> prize in state level article competition
- 3rd Prize in NCIEP Teachers Experiment Competition by IAPT in 38 th IAPT Convention
  - 3rd Prize in NCIEP Teachers Experiment Competition by IAPT in 39 th IAPT Convention