Tunga Vidyavardhaka Sangha ®

Tunga Mahavidyalaya

Anandagiri, Thirthahalli – 577432, Shivamogga (D)

NAAC Reaccredited with Grade "B"(Affiliated to Kuvempu University)

Internal Quality Assurance Cell

website: www.tungamahavidyalaya.in email: tunga.degreecollege@gmail.com

Form-A

Name : Divyamani B G

Designation : Associate Professor

Department : Physics

E-mail id : divyamanibg@gmail.com

Working at Tunga Mhavidyalaya College since : 2009

Currently held Positions/Offices:

- Associate Professor, Department of Physics

Previously held positions/offices(Mention with year, institution)

- Student Welfare officer. (for 2 years and till date)
- NAAC incharge. (for 3 years)
- Coordinator of Science Club. (for 12 year)
- Coordinator, Student Grievance Redressal Cell (3 years, till date)
- Coordinator, internal complaint committee (3 years)
- Coordinator, Social media committee (2 years, till date)
- Coordinator, College Examination committee (2 years)
- Head of the Department, Department of Physics. (for 10 years, till date)
- Coordinator, Women Empowerment Cell (for 4 years)
- Coordinator, Sexual harassment Cell (for 4 years)
- Coordinator, Arivu Visthara (2 years)
- Coordinator, Website committee (2 years)
- Coordinator, Discipline Committee (4 years, currently a member)
- Coordinator, ICT Committee (6 years, Currently a member)
- Coordinator , SC/ST Cell (1 year)
- Coordinator, Rusa (1 year)
- Coordinator, UGC Committee (6 years, Currently a member)
- Coordinator, Nisarga Sanga (1 year)
- Coordinator, Tunga Taranga (1 year)
- Coordinator, RTI (2 years , till date)
- Coordinator, Rangers unit (1 year)
- Member, Library Committee (17 years)
- Member, Infrastructure Committee (6 year)
- Member, Cultural Committee (2 years)
- Member, Incubation cell (2 years)
- Member, College examination committee (3 years)
- Member, Social committee committee (3 years and till date)

Educational Qualification

- **MSc, SET**
- **MPhil**
- **PhD**

Work Experience

- **UG 17: years**
- **PG 3 : years**

Areas of Interest (Academic)

- **Quantum Information Theory**
- **Quantum Algorithms**
- **Quantum Mechanics**
- **Artificial Intelligence**
- **Data Analysis**
- **Machine Learning**
- **Neural Network**
- **Quantum Error Correction**
- **Qiskit**
- **Mathematical Method for Physics**
- **Robotics**
- **Classical Physics**
- **Spectroscopy**
- **Literature**
- **History of Science**

Certificate Courses

- **Certificate Course in Python from IIT Gowhati**
- **Certificate Course in Data Analysis from IIT Gowhati**
- **Certificate Course in Machine Learning from IIT Gowhati**
- **Certificate Course in Neural Network from IIT Gowhati**
- **Certificate Course in Qiskit from IBM**
- **Certificate course in Data science for Physics by NASA**
- **Faculty Development Program on QT -1 from AICT and Govt of India**
- **Faculty Development Program on QT -2 from AICT and Govt of India**
- **Faculty Development Program on QT -3 from AICT and Govt of India**
- **Faculty Development Program on QT -4 from AICT and Govt of India**
- **Faculty Development Program on QT -5 from AICT and Govt of India**
- **Faculty Development Program on QT -6 from AICT and Govt of India**
- **Faculty Development Program on QT -7 from AICT and Govt of India**
- **Faculty Development Program on QT -8 from AICT and Govt of India**
- **Faculty Development Program on QT -9 from AICT and Govt of India**
- **Faculty Development Program on QT -10 from AICT and Govt of India**
- **Faculty Development Program on QT -11 from AICT and Govt of India**
- **Faculty Development Program on QT -12 from AICT and Govt of India**

Expertise

- Lab to village
- Python
- Robotics
- Data Analysis
- Mathematical Modeling
- Neural networking

Awards/Achievements

- **Indian Academis' Summer Research Fellowship 2021**
- **Indian Academis' Summer Research Fellowship 2024**

Books Edited

- **NA**
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Research Projects

1. **UGC sponsored Project on "Local Unitary Invariant spin squeezing in spin chains"**

Research Publications (bibliographic information)

1 . **Dr. Divyamani B G (2025)** "Three-qubit W state tomography via full and marginal state reconstructions on ibm_osaka. *Quntum Information Processing,* ***Vol. 24(11), 2025.***

Book Chapters/Conference proceedings(bibliographic information)

1
2

Paper presented in conferences/seminars(bibliographic information)

1
2

Books Published(bibliographic information)

1
2

Guest Lectures delivered (if any)

1.
2

Conference /Seminars/Workshops attended (if any)

1. **International conference on Quantum information held at IISc**
2. **National level seminar on Intellectual property right held at GFGC, Thirthahlli**

Conference /Seminars/Workshops organised (if any)

1. **UGC sponsored seminar on " Recent Advances in Superconductors"**

Members of BOS/BOE (Current and previous)

1. **Member, BoE**
2.

Membership in national/international academic and professional bodies (if any)

1. **Indian Association of Physics Teachers**

Additional Information

1
2

Research Publications:

- International Journals 10
- National Journals 01
- International Conferences 13
- National Conferences 05
- Articles in Edited Volumes 00
- Workshops/Seminars/ Conferences/Webinars attended 32
- …… 00
- …… 00

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Form-B

1.	**Name :**	Divyamani B G		Recent Passport Size Photo
2.	**Designation :**	Associate Professor		
3.	**Department :**	Physics		
4.	**Date of Joining Institution(D/M/Y) :**	31/10/2009		
5.	**E-mail id:**	divyamanibg@gmai.com		
6.	**Mobile Number :**	9845295451		
7.	**Qualification :**	UG	PG	PhD
		BSc	MSc	PhD
8.	**Total Experience in Years :**	Teaching	Industry	Research

		20	0	8
9.	**Research Projects:**	State	National	International
		0	1	0
10.	**Research Publications :**	State	National	International
		0	1	10
11.	**Papers Presented in Conferences :**	State	National	International
		0	05	13
12.	**Conference/Seminars/ Workshop/Webinars**		Attended	Organised
		State	0	0
		National	0	1
		International	32	0
13.	**PhD Guide? Give Field & University :**	Field	University	
14.	**PhDs / Projects Guided :**	PhDs	Projects at Master Level	
		0	0	
15.	**Books Published :**			
16.	**Professional Memberships :**			
17.	**Interaction with Professional Institutions :**			
18.	**Present Address :**			

Form-C

About the Department

The Department of Physics actively strives to promote scientific temper, academic excellence and practical learning among students. In addition to regular classroom teaching, the department organizes seminars, workshops, certificate courses and hands-on training programmes to expose students to emerging technologies. Recent initiatives include Robotics training in collaboration with Just Robotics, Bengaluru, digital skill development programmes in association with IBM SkillsBuild and Magic Bus India Foundation, and spoken English classes. The department also encourages students to participate in scientific activities, research-oriented programmes and skill-development initiatives to enhance their overall personality and career opportunities.