

## Dr. I. I. PATTANASHETTI

### Personal:

**Name** : IRANNA I. PATTANASHETTI  
**Nationality** : Indian  
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Associate Professor and HOD Physics,  
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**Address for** : Dr. I. I. Pattanashetti  
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Vivekanandnagar, GADAG-582 101



### Educational Qualification:

Examination	Board/University	Class
S.S.L.C	VDSTC Boys School, Gadag	First Class
P.U.C	J. T. College, Gadag	First Class
B.Sc.	J. T. College, Gadag	First Class with Distinction
M.Sc. in Physics	KU, Dharwad	First Class
M.Phil.	KU, Dharwad	First Class with Distinction
Ph.D.	KU, Dharwad	Topic "Guiding properties of optical fibers with different refractive index profiles"

### Academic:

<b>Teaching/ Professional Experience</b>	a) <b>32 years</b> Teaching Experience and b) Knowledge of Computer both in Hardware and Software
<b>Research Experience</b>	<b>20 Years</b>
<b>Research Areas</b>	a) Spectroscopic Studies of organic Compounds b) Propagation characteristics of light in optical fibers and Optical fiber sensors
<b>Resource Person</b>	Resource person for PU and High school teachers training Programme : <b>27</b> Seminar Resource Person: <b>01</b> Chairperson : <b>01</b>
<b>Conference/Seminar attended</b>	International : <b>09</b> National : <b>52</b>
<b>Workshop Attended</b>	International : <b>02</b> National : <b>15</b>
<b>Papers Published</b>	International journals : <b>10</b>
<b>Papers Presented</b>	Conference and Seminar : <b>35</b>
<b>Books Published</b>	<b>01</b> Methods of teaching Physical Sciences for B.Ed.
<b>No. of projects guided</b>	Under Graduate : <b>12</b> Post Graduate : <b>07</b>
<b>No. of M. Phil. students guided</b>	<b>05</b>
<b>Guide for Ph. D. Students</b>	<b>02</b>
<b>Co-guide for Ph. D. Students</b>	<b>01</b>

### **Experience in organizing Seminars & Workshops:**

- a) organized state level seminar on  
“**Non-conventional Energy Sources**” as organizing secretary.
- b) organized state level seminar on  
“**Micro-finance**” as organizing committee member.
- c) organized state level seminar on  
“**Bio-Diversity in Deccan Plateau**” as organizing committee member.
- d) organized National level seminar on  
“**Autonomy in Higher Education**” as organizing secretary.
- e) Organized National level seminar on  
“**NANO- THE ESSENTIALS**” as organizing secretary.

### **Academic Development Activities:**

- *Initiate to start Electronics Subject for B.Sc. Course in the Year 1993-94 and worked as faculty member.*
- *Initiate to start BCA Course in the Year 1999-2000 and worked as Associate Co-ordinator for the development of the course till 2006 at JTC Gadag.*
- *Initiate to start PG Course in Physics in the year 2010-11 at JTC, Gadag.*
- *Organized National and State level seminar/ Conference and worked as Organizing Secretary.*
- *Worked as Secretary for KARNATAK UNIVERSITY PHYSICS TEACHERS FORUM*
- *Completed UGC Sponsored Minor Research Project entitled “Studies on propagation characteristics in graded index optical fibers and Bend Losses”*

### **Academic activities:** Worked as

- i. Chairman Science Association
- ii. Editor for Science Section of College Bulletin, Seminar Proceedings,
- iii. Judge for Science Exhibitions & organized Science Exhibition at J. T. College Gadag.
- iv. Chairman of Minor Games, Seminar proceedings
- v. Associate Co-ordinator for BCA course at J. T. College Gadag.
- vi. Member of BOS sub-committee for framing new syllabus of B.Sc. Course of KUD.
- vii. Member of B.O.S for UG Course of PC Jabin College, Hubballi. (Autonomous)
- viii. Co-ordinator of PG Course in Physics at J. T. College Gadag.
- ix. Quiz Master for State level Science Quiz for High school students held at Yuvanica, Bengaluru organized by KRVP, Bengaluru.
- x. Quiz Master for District and college level Competition.
- xi. Resource person for various workshops of High school and PU College Teachers

### **Professional: Membership to Professional/Academic bodies:**

- i. Life member of Karnataka University College Teachers Association.
- ii. Life member of Radiation Physics Association.
- iii. Life member of K. U.D. and R. C. U. B. Physics Teachers Forum.
- iv. Life member of Karnataka Rajya Vijnyana Parishat (KRVP), Bengaluru.
- v. Member of IEEE
- vi. Life Member of Kannada Sahitya Parishath, Bengaluru.
- vii. Member of curriculum e-content for Rani Channamma University, Belagavi.

### **Membership to Social Organization:**

- i. Life member of Lingayath Pragathisheela Sangha, Yedeyur Shree Jagdguru Tontadarya Math, Gadag.
- ii. Life member of Veerashiava Mahasabha.
- iii. Life Member of Lingayath Banijigara Sangha, Gadag
- iv. Life member of Bharat Seva Dal Sangha, Gadag
- v. Life member of Shree Halakeri Annadan Swamiji Math, Gadag.
- vi. Life member of Indian Red Cross, Gadag District, Gadag.
- vii. Member of Rotary Club, Gadag-Betageri.
- viii. **Paul Harris Fellow (PHF)** of Rotary International

### **Social activities:** Worked as

- i. Chairman, Membership Development of Lingayath Pragathisheela Sangha, Gadag.
- ii. Secretary for Publicity Committee, Tontadarya Jatra Mahotsava, Gadag

### **In Rotary**

- iii. Director Vocational Service.
- iv. Joint Secretary.
- v. Chairman Pulse Polio.
- vi. Editor for Rotary Bulletin.
- vii. Secretary for the year 2001-2002.
- viii. Vice President 2002-2003.
- ix. President Elect 2003-2004.
- x. President 2004-2005 (Centennial Year of Rotary International)
- xi. Revenue District Chairman for various committees District 3170 since 2002-03.
- xii. Assistant Governor of Rotary District 3170 for the year 2006-2007.

### **Awards:**

- i. Presidential Citation Award by Rotary International- 2004-05.
- ii. Appreciation award for Pulse Polio program -2004-05.
- iii. Appreciation District Officer Awards for Various activities every year
- iv. Best Club Service Award of Rotary District 3170- 2004-05.
- v. Assistant Governor's Outstanding Award 2006-07.
- vi. The Rotary Foundation District Service Award 2006-07.
- vii. Membership growth Award by DG 2006-07.
- viii. DCC Outstanding Award by D.G. 2010-11
- ix. **Best Science Lecturer** award of Gadag district presented by KRVP Bengaluru.
- x. A paper presented at Ooty in the National conference awarded as **BEST PAPER** of the conference.