

**Name:** Dr. R. Ganeshha

**Date of Birth:** 09-7-1956

**Designation and Address:** Associate Professor of Physics & Principal (i/c)  
Yuvaraja's College (Autonomous)  
University of Mysore  
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### Educational qualification

Degree	Institution	University	Year	Class
B.Sc.	Yuvaraja's College, Mysuru	University of Mysore Mysuru-05	1977	First Class
M.Sc.	DOS in Physics MGM, Mysuru	University of Mysore Mysuru-05	1979	First Class
M.Phil.	Dept. of Physics, Anna University, Guindy, Chennai	Anna University Chennai-25	1989	First Class
Ph.D.	Crystal Growth Centre Anna University, Chennai	Anna University, Chennai-25	1994	

### Positions in Teaching, Research and Administration

Designation	College / University	Period From-To	
Principal (i/c)	Yuvaraja's College, Mysore	07-11-2016	Current date
Principal (i/c)	Maharaja's College, Mysore	03-10-2016	07-11-2016
Administrative officer	Yuvaraja's College, Mysore	03-9-2014	03- 9-2016
Associate Professor	Yuvaraja's College, Mysore	03-9-2013	03-10-2014
Controller of Examination	Yuvaraja's College, Mysore	03-9-2008	03-09-2013

Associate Professor	Yuvaraja's College, Mysore	01-1-2006	03-09-2008
Selection grade Lecturer	Yuvaraja's College, Mysore	04-7-1996	01-1-2006
Senior Scale Lecturer	Yuvaraja's College, Mysore	04-7-1990	04-7-1996
Lecturer	Yuvaraja's College, Mysore	04-7-1983	04-7-1990
Lecturer	National Institute of Engineering (NIE), Mysore	03-5-1983	20-6-1983
Lecturer	JSS College Nanjangud	05-7-1982	31-03-1983
Lecturer	JSS College Nanjangud	22-7-1981	31-03-1982
Lecturer	JSS College for Women, Mysore.	21-07-1980	31-03-1981
Lecturer	Sri Jayachamarajendra college of Engineering (SJCE), Mysore	01-05-1980	12-07-1980
Lecturer	JSS College for Women, Mysore.	01-08-1979	20-10-1979
Lecturer	JSS college, Ooty Rd., Mysore	01-8-1979	29-10-1979

## Research Guidance

### Ph.D

	Address of Research Student	Year of award	University
1	Pushpalath H L	2016	University of Mysore
2	NarayanaSwamy T N	2018 (Viva-Voce Due )	University of Mysore

### M.Phil

1	NarayanaSwamy T N	2007	Vinayaka Mission University, Salem, TN
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## Research Publications

Sl. No	Title of the Research Paper	Journal National / International
1	(Opto) Electrochemical studies of chemically deposited h-CdS thin films.	Optic International Journal for Light and Electron Optics Vol.138, PP 192-199, 2017. NarayanaSwamy T.N., Shelke A.R.,Lokande A.C. Pushpalatha H.L.,Lokande C.D., Ganesha R.
2	Chemically deposited CdS thin film and its photoelectric performance.	International Journal of chemical, Biological and Physical Sciences, Section C, 7(1), pp. 119-130, 2017 NarayanaSwamy T.N.,Pushpalatha H.L., Ganesha R
3	Synthesis of CdSe Thin Film by Chemical Bath Deposition and Characterization.	International Journal of Engineering Science and Innovative Technology 6(1) 2017 NarayanaSwamyT.N.,Pushpalatha H.L., Ganesha R.
4	Chemical Bath Deposition of CdSe and its photo-electrochemical Performance.	International Journal of Chemical, Biological and Physical Sciences, Section C, 7(2) pp211-222, 2017. NarayanaSwamy T.N., Pushpalatha H.L., Ganesha R.
5	Growth and characterization of CdS thin films by Photochemical and Chemical bath deposition.	International journal of Chem Tech Research, Vol.7(1), pp.185-89, 2015. Pushpalatha H.L., Ganesha R.
6	X-ray photoelectron spectroscopic studies of CdS semiconductor thin films deposited by PCD.	International journal of Chem Tech Research, Vol.7(5), pp.2171-75, 2014. Pushpalatha H.L., Ganesha R.
7	Structural and morphological studies of CdS thin films grown by Photochemical deposition	International journal of Chem. Tech Research, Vol.6(3), pp.1998-2001, 2014. Pushpalatha H.L., Ganesha R
8	Structural and optical properties of CdS thin film obtained by chemical bath deposition and effect of annealing.	Indian Journal of Pure and Applied Physics ,Vol.52, pp545-549, 2014. Pushpalatha H.L., NarayanaSwamy T.N., Ganesha R.
9	Characterization of CdS thin films deposited by the novel technique: Photochemical deposition using two different cadmium sources	International journal of Chem Tech Research, Vol.6(6), pp3419-22, 2014. Pushpalatha H.L., Ganesha R.
10	Annealing studies of CdS thin films grown by chemical bath deposition.	International journal of Chem Tech Research, Vol.6(3), pp2009-12, 2014. Pushpalatha H.L.,NarayanaSwamy T.N., Ganesha R.

11	Deposition and Characterization of CdS thin films by Chemical bath deposition.	International journal of Chem Tech Research Vol.6(3),pp2005-08,2014 Pushpalatha H.L.,Bellappa S., NarayanaSwamy T.N., Ganesha R.
12	Deposition of cadmium sulphide thin films by Photochemical deposition and characterization	Journal of Nano- and Electronic PhysicsVol.5, No4,04001(4pp) 2013 Pushpalatha H.L.,Ganesha R.
13	Growth of some V-VI-VII group compound crystals from vapour	ICCG10 Procs. USA R Ganesha D. Arivuoli, P. Ramasamy
14	Growth of BiTeI, SbTeI and Sb5O7I crystals and their characterization by ESCA	Procs. of VI NSCG. PP 74-76, 1993 R Ganesha, D. Arivuoli, P. Ramasamy
15	Growth and characterization of trihalides of antimony, bismuth and arsenic	J. Crystal Growth Vol.119 pp303-308, 1992 R Ganesha, D. Arivuoli, P. Ramasamy
16	Growth and Characterization of BiSeI crystals	Journal of Materials Science Letters, Vol. 11, PP 1608-10, 1992 R Ganesha, D. Arivuoli, P. Ramasamy
17	“ Observations made during the growth of trihalides of some group Vb elements”	Journal of Crystal Growth, Vol. 109, PP 303-8,1992 R Ganesha, D. Arivuoli, P. Ramasamy
18	“ Vapour-Liquid-Solid mechanism of Growth of some whiskers of some semiconducting compounds”	Crystal Research Technology., Vol.126, PP 303-8,1991 R Ganesha, D. Arivuoli, P. Ramasamy
19	“Growth of Oxyiodides of antimony and bismuth”.	Procs. of VI National Seminar on Ferroelectrics and Dilelectrics. PP 198-202, 1990 R Ganesha, D. Arivuoli, P. Ramasamy
20	“ Microwave Dielectric Studies on Human Erythrocytes- a diagnostic tool for cancer”	“Vajrakirana” PP 83-85, 1989 Diamond Jubilee Souvenir of Yuvaraja’s College, Mysore R Ganesha

### Referee / Reviewer of Journals

1	Indian Journal of Physics IACS Kolkata
2	Indian Journal of Pure and Applied Physics
3	Materials Letters (Elsevier )
4	SpectrochimicaActa Part A: Molecular and Bio-molecular Spectroscopy

### Doctoral Committee

Member: Doctoral Committee for M.Phil and Ph.D: University of Mysore, VIT University

### Award of Fellowships

1	UGC Teacher Fellowship for M.Phil : One year
2	UGC Teacher Fellowship for Ph.D. : Two years
3	UGC Visiting Associate Award : Two Years Crystal Growth Centre, Anna University, Chennai

### Membership of Academic Bodies

1	Indian Association for Crystal Growth, Chennai : Life member
2	Indian Academy of Science, Bangalore: Member
3	Indian Association of Physics Teachers: Member
4	Alumni Association of Yuvaraja's College: Member
5	Mysore University Teachers Association: Member

### Certificate Course

UNIX & C University of Mysore, Mysore	Certificate	1987
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### Certificate of Training as NSS Program Officer

NSS Officer	3 years	Yuvaraja's College, Mysore
From 10.6.93	To 22.6.93	Certificate course training completed

### Refresher Courses attended

Sl No	Refresher Course	Place	Place and Date
1.	Refresher Course in Physics -X	Academic staff College, University of Mysore, Mysore	ASC College, University of Mysore Mysore 6-1-92 to 1-2-92.
2.	Refresher Course in Physics- XIII	Academic staff College, University of Mysore, Mysore	ASC College, University of Mysore Mysore. 7-12-92 to 2-1-93
3.	Refresher Course in Physics- XV	Academic staff College, University of Mysore, Mysore	ASC College, University of Mysore Mysore. 28-2-94 to 26-3-94
4.	Refresher Course in Physics- XIII	Academic staff College, Banaras Hindu University, Varanasi	ASC College, Banaras Hindu University Varanasi 12-12-96 to 1-7-97

## Conferences / Workshops / Seminars participated

1	Specialized Course on Teaching and Learning in Higher Education	NUEPA	NEUPA, New Delhi Nov.20-24, 2017
2	Faculty Induction Programme	UGC	Delhi University Nov. 22, 2017
3	19 <sup>th</sup> National Seminar on Crystal Growth	UGC, VIT university	VIT University, Vellore March 12-14, 2015
4	Statistical methods and data analysis	UGC	Yuvaraja college Sept. 26-27, 2014
5	One day state level seminar on trends in nanomaterials	UGC	Govt. College, Mandya Sept. 6, 2014
6	Green energy :Source, production and Application	JSS College	JSS college, N'gud March 26, 2013
7	One day state level Seminar on Nanoscience and technology	UGC	JSS CW, Mys. Mar. 25, 2013
8	Second National Seminar on Physics of Materials and material based device Fabrication 2013	UGC	Shivaji University Kolhapur Jan. 4-5,2013
9	Workshop on revisiting application system and UGC scheme for development for higher Education and CDC Handbook	CDC	UoM,Mysore Nov.3, 2012
10	XVI National Seminar on Crystal Growth	UGC	Aditanar College, Tiruchendur Jan 19-21, 2012
11	Third Seminar Academy of Science and Technology	University of Mysore and KSCST	Yuvaraja College, Mys Feb. 15-16, 2011
12	XV National Seminar on Crystal Growth	UGC, PSN College	PSN College of Engineering & Sciences, Tirunelveli Feb. 23-25,2011
13	XIV National Seminar on Crystal Growth	UGC, VIT University	VIT University, Vellore March 10-12, 2010
14	Emerging trends in Physics electronics and Engineering Science	UGC JSS	JSS college ootyrd, Mys. Sept. 25-26, 2006
15	State-level workshop on preparation of reading materials in Kannada for high school teachers	UGC	JSS college, Mysore 23-27 May 2005

16	Knowledge Construction in Physics	UGC JSS	JSS College for Women, Mys. Feb. 17-19, 2005
17	One day workshop on B.Sc Syllabus of Physics and Electronics	UGC	SVC, Mysore Sept.9 2004
18	Three day Workshop/Seminar on “ Recent trends in teaching-learning Physics and Electronics”	UGC	MCW, Mysore, July 19-21, 2004
19	International Workshop on Crystal Growth and Characterization of Technologically Important materials	UGC,IACG	Anna University, Chennai, Feb24-28, 2004
20	State level National Seminar on Frontiers of Science and Technology	UGC	Yuvaraja’s College, Mysore-5 <sup>th</sup> Jan 2004
21	Interaction meeting: “Programme on condensed matter Physics and Materials Science for Solar Energy Applications”	DST	IACS, Kolkatta Feb 24-28,2003
22	International school on Crystal Growth	UGC, IACG	Anna University Chennai Jan. 24- Feb-4, 2000
23	VIII National Seminar on Crystal Growth	IGC, IACG	Anna university, Chennai, Feb 3-5, 1999
24	State Level Conference "Developing competence in youth through Information Technology in New Millennium"	UGC, St. Agnes College Mangalore.	St. Agnes College Mangalore. July 31- Aug 2, 1998
25	Fifth National Seminar on Crystal Growth	UGC, IACG	Anna University, Chennai Nov. 18-20, 1993
26	Tenth International Conference on crystal Growth	IOCG	San Diego, California USA Aug 16-22,1992
27	International Workshop on Crystal Growth of Technologically important materials for device application	Anna University	Anna University, Chennai. Nov. 8-15, 1991
28	XXII National Seminar on Crystallography	UGC	IACS, Calcutta, Dec.26-28,1990
29	VI National Seminar on Ferroelectrics and Dielectrics	UGC	Kakatiya University, AP Dec. 17-19,1990
30	VIII National Workshop on Physics of Materials	DST,	Bharkatulla University, Bhopal. Jan.22-Feb.3, 1990

31	XXI National Seminar on Crystallography	BARC	BARC, Bombay Dec 27-29,1989
32	Solid State Symposium	DAE, IIT Chennai	IIT, Chennai Dec 19-22,1989

### Research Projects completed

Title of the Project	Funding Agency	Duration	Remarks
Growth and Characterization of CdS thin films on insulating substrates by photochemical deposition(PCD) for Solar cell applications.	UGC	Two years	Completed

### Other Academic, Administrative and Extracurricular Experience

#### College Level:

- ❖ Member / Chairman: Academic Council of the College.
- ❖ Member / Chairman: Finance Committee of the College.
- ❖ Member / Chairman: Purchase Committee of the College.
- ❖ Member / Chairman: Governing Body of the College.
- ❖ Member / Chairman: UGC Co-coordinator, IQAC of the College.
- ❖ Member / Chairman: Admission Committee of the College: both PG and UG.
- ❖ Member / Chairman: Examination Malpractice Committee of the College.
- ❖ Member / Chairman: All extracurricular Committees of the College.
- ❖ Member/ Chairman: Sports Committee of the college.
- ❖ UGC Coordinator of the College: Two years.
- ❖ Head of the Department of Physics: Two years in the College.
- ❖ Chief Superintendent: Examinations of College and KPSC and UPSC examinations, KSET etc.
- ❖ Controller of Examinations: All PG and UG examinations of the college.
- ❖ Administrative Officer: Assist the Principal in all academic and extra-curricular activities and NSS and extension activities of the college.
- ❖ Principal (i/c) : When regular principal on leave large Number of times
- ❖ Member / chairman : BOE (UG/PG) of the College
- ❖ Member / chairman: BOS (UG/PG) of the College.
- ❖ Chaired: Several extra-curricular events of the college and Student Orientation Programs in the College.
- ❖ Campus Interview: Promote job opportunities in Infosys, Wipro etc.

#### University Level:

- ❖ Member: Faculty of Science and Technology, University of Mysore 2017-18.
- ❖ Member: Building committee of the University of Mysore.
- ❖ Member: PG Admission Committee of University of Mysore.



- ❖ Judge : The INSPIRE Program DST at state Level and district level Science Exhibition Competitions
- ❖ Member, Doctoral Committee: University of Mysore.

*Other University Level:*

- ❖ Member / chairman: University of Mysore and Bangalore University.
- ❖ Member / chairman: University of Mysore and Bangalore University.
- ❖ Member, Doctoral Committee: VIT University.
- ❖ External Examiner: VIT University.
- ❖ Visiting Associate (UGC): Two years, Anna University, Chennai.
- ❖ Chaired Scientific Sessions: Conferences and delivered Invited talks.
- ❖ Subject expert in Physics: Recruitment of Lecturers in Private Colleges  
Sadvidya College, Mysore.
- ❖ Delivered Lecture: In the master training program in Kendriya Vidyalaya in teaching topics of Physics for State-level master trainers.

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