

BIO-DATA

Dr. P.G. CHANDRASHEKARA, M. Sc., Ph. D.,

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Date of birth: 24-01-1969

Citizenship: INDIAN

Languages Known: Kannada and English

Permanent address: No.29/A-1, 4TH Main, 9th Cross,
Saraswathipuram, Mysore-570009

Academic Qualifications

Exam Passed	Board/ University	Subjects	Year	Division /Grade Merit etc.
Bachelor's Degree	University of Mysore	PCM	1992	First Class
Master's Degree	University of Mysore	Chemistry	1994	First Class
Research Degree	University of Mysore	Chemistry	2000	-----

NSS Programme Officer: Working as NSS Officer in Yuvaraja's College From 2015-16,
2016-17 and till date

NSS Award:- National young leader programme award for NSS officer from ministry
of youth affairs and sports, Government of India for the year 2015 -16

Life Member

1. Member for Indian Science Congress
2. Member for Karnataka vijnana parashit

Teaching experience:

23 years teaching for Under-Graduate

12 years teaching for Post-graduate,

Techniques: IR, ¹H and ¹³C NMR, UV-Visible spectrophotometer, , Flame Photometry, TGA and DTA

Computer Applications: MS-Word, MS-Power point, Microsoft-Excel and Multimedia

Ph.D., Title: “Synthesis and Structural Studies on the Complexes of Lanthanide

(III) Nitrates with N-Alkylphenothiazines”

Ph.D. Work:

1. Synthesis of Complexes
2. Characterization
3. Biological activities on Complexes

Research Experience

1. Number of Ph.D. candidates awarded = **03**
2. Number of Ph.D. candidates working = **02**
3. Number of M..Phil. Degree awarded = **03**
4. Number of M.Sc. Chemistry students carried dissertation work carried and awarded
 - a) During the academic year **2012-13** = **03**
 - b)..During the academic year **2013-14** = **03**.
 - c) During the academic year **2014-15** = **03**
 - d) During the academic year **2015-16** = **03**
 - e). During the academic year **2016-17** = **04**
 - f). During the academic year **2017-18** = **04** Working)

Research Projects carried out

Title of the Project	Name of the funding Agency	Duration	Remarks
“Synthesis And Biological Studies of Some Amino Acids Containing New Imidazole Derivatives”	UGC (1,95000=00)	2 Years {2014-15 and 2015-16]	Successfully completed

List of Publications:

- 1.“Complexes of Lanthanide(III)nitrates with 10-(2-dimethyl-amino-1-methyl)

phenothiazine” **P.G. Chandrasekara** and B. Keshavan, *proc. Ind. academy of chem. Sci.*, Vol.110, No.6, Dec 1998, pp.527-533.

2.“Synthesis, characterization and spectral studies of Lanthanide(III)nitrates complexes of 10-[(1-methyl-3-piperidyl)methyl] phenothiazine. **P.G. Chandrashekara**, and B. Keshavan *J. Ind. academy of chem. Sci.*, Vol.76, Apr. 1999, pp 182-184.

3. Synthesis, Characterisation and spectral studies of Lanthanide(III) nitrates with promethazine”. **P.G. Chandrashekara**, B.Keshavan and N.M. Made Gowda, *J. of molecular structure*. Vol. 553 (2000) pp. 193-197.

4.”Synthesis and characterization of 1'-benzyl-1,4'-dimethyl-2'propyl-1*H*,1'*H*-2,6'-dibenzimidazole derivatives and their antibacterial activity studies on dibenzimidazole derivatives and their antibacterial activity studies. **P.G.Chandrashekara** and D. K.Ravishankara *Eur. J of Chem.* 3(3)2012pp 359-362.

5..”Synthesis of some novel benzimidazole derivatives and it’s biological evaluation.” **P. G. Chandrashekara** and D.K.Ravishankara *Eur. J..of Chem.*.3(3)2012 pp363-366

6. ”Synthesis of imidazolo-amino acids conjugates as biologically active agents” **Chandrashekara P.G**, Ullas B.J Suhas R, Anil SM and Channe Gowda D, *IJCPS*,4(4) 2013pp 74-80.

7.”Schiff’s bases derived from amino acids-imidazole conjugates as promising antioxidant and antimicrobial agents”, **Chandrashekara P.G**, Ullas BJ Suhas R, K.P Rakesh,P .Avinash and Channe Gowda D, *Journal. of Chem. & Applied biochem.* **Vol.2 issue.1-2015**

8.” Synthesis, spectral and antimicrobial studies on co(ii) complexes of nsubstituted 2-chloro Phenothiazines” **Chandrashekara P G*** Madhushree N N, Umesha S. *IAJPR* Vol.2(6)2016 pp 4399-4410

9.“Synthesis and Structural Characterization of N-substituted 2- Chloro Phenothiazine Derivatives as Potent Antimicrobials” **P G Chandrashekara***,N N Madhushree, G M Raghavendra *Inventi Rapid: Med Chem* 2(2016) pp32-39

10. "Synthesis, Spectral and Antimicrobial Studies on Zn (II) Complexes of N-Substituted 2-Chloro Phenothiazines" P G Chandrashekara* N N Madhushree, C Vathsala Deepu Harsha M ,
Inventi Rapid: Med Chem 2(2016) pp40-48

11. "N-substituted phenothiazine derivatives as potent antimicrobials: Synthesis and structural Characterization" P. G. Chandrashekara *, N. N. Madhushree , K. Shiva Prasad and Sudhir Nayak
DerPharma Chemica 8(1)2016 pp:351-357

12. "Synthesis and biological evaluation of some new imidazole amino acids Schiff's bases"
Chandrashekara P.G, Ullas BJ *IJCPS* Vol.7(3) Sep.2016 pp 5-11

Member/Chairman of Academic Bodies / Committees

1. Member for **Faculty of Science and Technology**, (2014-15 and 2015-2016),
University of Mysore, Mysuru-05.
2. Member of **Academic Council** (2014-15 and 2015-2016), Yuvaraja's College,
University of Mysore, Mysuru-05
3. Member for Brain-Storming Workshop (SC/ST Cell) during the year **2013 -14,**
2014-15 and 2015-16 University of Mysuru-05
4. Sub Committee Member for 103rd Indian Science Congress held between **3/01/2016**
to 7/01/2016 at University of Mysore, Mysuru-05
5. Member for Chemical society .Department of chemistry. Yuvaraja's College,
University of Mysore, Mysuru-05
6. Member for cooperative society during the year **2013 to 2015** , Yuvaraja's College,
University of Mysore, Mysuru-05
7. **Organising committee member: Two day International conference** on Science
and Technology: Future Challenges and Solutions held at Vijana Bhavan, University of Mysore,
Mysore on **08/08/2016 to 09/08/2016**

Member/Chairman of BOE /BOS

- 1..Member of **BOE in PG** (2007-08), Department of chemistry, Yuvaraja's College,
University of Mysore, Mysuru-05
- 2..Member of **BOE in UG** (2008-09), Department of chemistry, Yuvaraja's College,
University of Mysore, Mysuru-05
3. Member of **BOE in PG** (2009-10), Department of chemistry, Yuvaraja's College,
University of Mysore, Mysuru-05
4. Member of **BOE in UG** (2011-12), Department of chemistry, Yuvaraja's College,
University of Mysore, Mysuru-05

5. Member of **BOE in PG (2011-12)**, Department of chemistry, Yuvaraja's College,
University of Mysore, Mysuru-05
6. Member of **BOE in PG (2013-14)**, Department of chemistry, Yuvaraja's College,
University of Mysore, Mysuru-05
7. **Chairman of BOE in UG (2013-14)**, Department of chemistry, Yuvaraja's College,
University of Mysore, Mysuru-05
8. Member of **BOE in PG (2014-15)**, Department of chemistry, Yuvaraja's College,
University of Mysore, Mysuru-05
9. Member of **BOE in UG (2015-16)**, Department of chemistry, Yuvaraja's College,
University of Mysore, Mysuru-0510..
10. Member of **BOE in PG (2015-16)**, Department of Chemistry, Yuvaraja's College,
University of Mysore, Mysuru-05
11. Chairman of **BOE in PG (2015-16)**, Department of Molecular biology, Yuvaraja's College,
University of Mysore, Mysuru-05
12. Member of **BOE in PG (2016-17)**, Department of Molecular biology, Yuvaraja's College,
University of Mysore, Mysuru-05
13. Member of **BOE in PG (2016-17)**, Department of Chemistry, Yuvaraja's College,
University of Mysore, Mysuru-05
14. Chairman of **BOE in PG (2017-18)**, Department of Chemistry, Yuvaraja's College,
University of Mysore, Mysuru-05
15. Member of **BOE in PG (2017-18)**, Department of Chemistry, **Government
women College, Mandya**

Member/Chairman of BOS

1. Member of **BOS in Chemistry (UG) (2011-12 and 2012-13)** Department of chemistry,
Yuvaraja's College University of Mysore, Mysuru-05
2. Member of **BOS in Chemistry (PG) (2013-14 and 2014-15)** Department of chemistry,
Yuvaraja's College, University of Mysore, Mysuru-05

Participative Experience in Academic meetings

Orientation programme/ Refresher course

1. **Participated:** UGC-Sponsored **Orientation** programme organized by Academic Staff College, held at Manasagangothri, University of Mysore, Mysuru-06 on **3rd to 30th May 2007**

2. Participated: UGC-Sponsored **Refresher** course in material Science(Chemistry) organized by Academic Staff College, held at Manasagangothri, University of Mysore, Mysuru-06 on **1st to 21st March 2010.**

3. Participated: UGC-Sponsored **Refresher** course in material Science (Chemistry) organized by Academic Staff College, held at Manasagangothri, University of Mysore, Mysuru-06 on **11th to 31st Dec 2012.**

4.Participated: UGC-Sponsored **Refresher** course in material Science(Chemistry) organized by Academic Staff College, held at Manasagangothri, University of Mysore, Mysuru-06 on **28th to 17st Nov. 2014.**

Participative Experience in Academic meetings ***Short Term Courses / Workshops (not less than one week)***

1. Participated: Chemistry workshop on syllabus framing for B.Sc. and M.Sc. degree by department of chemistry Yuvaraja's College, University of Mysore, Mysore from **16/01/2014 to 22/01/2014.(7 days)**

2. Participated: DST-Sponsored **one week Workshop** on “ **NMR/MRI From Molecules to Human Behavior**” held at Manasagangothri, University of Mysore, Mysuru-06 on **15th to 21st Nov. 2015.(7 days)**

3. Participated: Training programme for NSS Programme officers held at NSS-ETI, held at Manasagangothri, University of Mysore, Mysuru-06 on **7th to 13th Dec 2016.**

4. Participated :UGC-HRD Sponsored **1-Week Short Term** Course on ICT from **7th to 13th March 2017** organized by Academic Staff College, held at University of Mysore, Manasagangothri, Mysore (**7 days**)

5. Participated: Training programme for NSS Programme officers held at NSS-ETI, held at Manasagangothri, University of Mysore, Mysuru-06 on **7th to 13th Dec 2016. (7 days)**

6. Participated: DST-Sponsored one week National Workshop on “**Applications and Trouble Shooting of Scientific Equipments** ” held at Vijnana Bavan , IOE Manasagangothri, University of Mysore, Mysuru-06 on **1th to 8st Dec. 2017. (8 days)**

International conferences / Seminars

1. Participated.: International conference on “**Current Trends in Chemistry and**

Biochemistry” held at Central College campus, University of Bangalore, Bangalore on **18th and 19th December 2009**.

2. Presented: International conference on **“Synthetic and Structural Chemistry”** held at department of chemistry Mangalore university, Mangalore on **8th to-10th December 2011**.

3. Participated Two day International lecture series on Bio-Prospecting for Sustainable Development held at Manasagangothri, University of Mysore, India, on **29th to 30th Nov.2012**.

4. Participated: International Symposium on **“Chemical Biology-Drug Discovery”** held at department of o chemistry, Manasagangothri, Mysore University, Mysuru-06 on **9th to 10th January 2014**.

5. Organising committee member: **Two day International conference** on Science and Technology: Future Challenges and Solutions held at Vijana Bhavan, University of Mysore, Mysore on **08/08/2016 to 09/08/2016**

6. Participated:- in **103rd Indian Science Congress** held at **University of Mysore, Mysore** from **3rd to 7th January 2016**

National conferences/Seminars

1.Presentation: **“Synthetic & structural investigation on the complexes of Lanthanide(111) nitrates with propericiazine”**. National Conference on **“Recent Trends in Structure, Functions, Analysis of Molecules & Applications”** held at Dept. of chemistry, Mysore University, Mysore, **28th Oct 1999**

2. Participated: in **38th National Seminar on Crystallography** held at Department of Studies in Geology, Manasagangothri, University of Mysore, Mysuru-06 on **11th to 13th Feb 2009**.

3. Presentation : **National conference on “Recent Trends in Chemistry” held at department. of chemistry PES College, Mandya** on **16th to 17th Sept 2011**

4. Participated :**UGC-Sponsored two National conference on “Recent Trends In Chemical Biology: An Overview” held at Teresian College ,Mysore** on **25th to 26th Oct 2013**.

5. Participated: UGC-Sponsored two day National seminar on “Educational Vision and Mission Of Swamy Vivekananda held at Yuvaraja’s college, Mysuru-05 on 18th and 19th Aug 2014.

6. Participated : UGC-Sponsored two day National seminar on “Statistical Methods and Data Analysis” held at Yuvaraja’s college, Mysuru on 26th and 27th Sep. 2014.

7. Presented; UPE Project, Sponsored “National Seminar On Pure And Applied Chemistry”(NACOPAC)” held at department of chemistry Mysore University, Mysuru-06 on 29th to-31th DEC 2014

8. Participated: UGC-Sponsored two National conference on “Current Trends in Chemical Biology: held at held at JSS College, Ooty Road Mysuru on 2nd and 3rd March-2015

9. Participated: in one day National Seminar on “Chemistry and Chemical Biology” on the occasion of Prof. K.S. Rangappa’s 60th birthday held at Mysore university, Mysuru-06 on 26th May 2015.

10. Organizing committee member UGC-Sponsored two day National seminar on “Vachana sahithya” held at Yuvaraja’s college, Mysore on 22nd and 23rd Sep. 2015

11. Participated: in two day National Seminar on “Revisiting NSS-A SWOT Perspective” on the Occasion of Centenary Celebrations at Maharaja’s College Centenary hall ,Mysore on 30th and 31st May 2016.

12. Participated: Two day National Seminar and Exhibition on Energy Mix: Need for the Nation organized in association with Indian Nuclear Society held department of chemistry, NIE, Mysore on 11/01/2017 and 12/01/2017

State level / Regional level Seminars / Work Shops

1. Participated: State level seminar on “frontiers of science and technology”: held at Yuvaraja’s College, Mysore on 5th Jan 2004

2.Participated: The workshop on “**Incorporation environmental education into curriculum-teaching methodology**” Yuvaraja`s College, Mysore University, Mysore, **5th June 2004**

3. Participated: Regional level seminar on “**Biodiversity for food security**” held at Yuvaraja`s College on **24th and 25th June 2005**

4. Participated: State level Seminar on “**Recent Trands in Chemistry**” at Bharathi College, Bharathinagar, Mandya District, Karnataka state, India, on **13th Sep. 2008**

5. Participated; State Level seminar on “**Recent Developments in Nano-Chemistry** ” held at Govt. Science College, Hassan, Karnataka, India, on **10th Oct. 2009**

6. Participated: Workshop on “**Evolving Effective Methods of Evaluation**” held at JSS Law College, Mysore on **4th April 2009**

7. Participated; State Level seminar on “**Relevance of Chemistry in Contemporary Society**” held at P.E.S. College of Science Arts and Commerce, Mandya. Karnataka state India on **20th March 2009.**

8.Participated: One day seminar on” **chemistry materials**” on the occasion of “International year of chemistry” held at SJCE Mysore on **25th Nov.2011.**

9. Participated: State level workshop on “**Basic Techniques in Instrumental Methods**” held at JSS College, Ooty Road Mysore on **27th March 2013**

.10. Participated workshop on “**Basic Techniques in Instrumental Methods**” held at JSS College, Ooty Road Mysore on **27th March 2013.**

11.Participated; Chemistry workshop on syllabus framing for B.Sc and M.Sc degree by department of chemistry yuvaraja`s college, university of Mysore, mysuru-05 from **16/01/2014 to 22/01/2014**

12.Participated; One day **workshop On Digital India**, sponsored by Ministry of Electronics and Information Technology, Govt. of India and Organized by university of Mysore, Mysore, held at Maharaja`s college centenary hall on **28/10/ 2016**

Other activities

- 1.** Worked as Evaluator for **District Level Science Exhibition** for Pre-university College Students held between **25th to 31st Dec April 2008** at Govt. PU College Pandavapura, Mandya
- 2.** Worked as Evaluator for **State Level Science Exhibition** for Degree Students held between **1st and 2nd April 2016** at RIE Mysore.
- 3.** Worked as Evaluator for **District Level Science Exhibition** for Pre-university college Students held on **15th to 18th NOV.2016 De** at R.K .Education institutions k..Honalgere, Maddur taluk, Mandya,

Place-Mysore

Date:08/12/2017