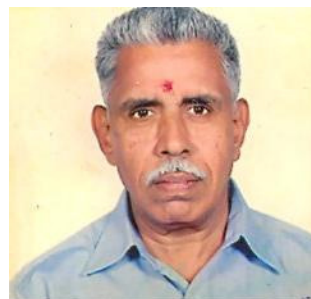


## Curriculum Vitae of Prof.R.Balasubramanian



Name :R.Balasubramanian

Date of Birth :23<sup>rd</sup> June 1945

Designation :Professor of Physics

Official Address :Professor,  
Department of Physics  
Gandhigram Rural University  
Gandhigram-624 302, Tamilnadu  
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Permanent Address :Santham  
107/1 Jayaram Nagar,  
Ganddhigram-624302, Tamionadu  
Ph:0451 2452064  
Email: balasubramanian.r1945@yahoo.com

Educational Qualifications :Ph.D., Annamalai University, 1987  
M.Sc., Madras University, 1968

Experience :Teaching : UG 41 years  
PG 24 years :  
Research : 25 years

Involvement in Institute Development :Refer to Administrative experience  
:

Research guidance :Guided one Ph.D. candidate and degree awarded in 2007

List of publications :1.Electro Optical parameters of some  $XY^3$  pyramidal type molecules, Journal of molecular structure, 1980  
2.Polar tensors of some pyramidal type molecules using Parametric representation method, 52<sup>nd</sup> session of National Academy of Science, Cochin University, Cochin, 1981

3. Paleomagnetic studies by the use of spinner Magnetometer, National Symposium on Instrumentation, (NS17), IISC, Bangalore, 1982
4. Infrared intensities of methyl halides, National Conference on vibrational spectroscopy, MIT, Madras, 16<sup>th</sup> to 18<sup>th</sup> May 1983.
5. Solar energy for rural development, Training course on Integrated Rural Energy programme, GRU, Gandhigram, 11<sup>th</sup> to 17<sup>th</sup> April, 1988
6. Extension through village science club, Seminar on Evolving replicable models of Science Extension in the University curriculum for rural applications, GRI, Gandhigram
7. Adoption of appropriate technology for sustainable Development, in the book; Contemporary Issues in Development Dynamics, Kanishka Publishers, Distributors, New Delhi, 1997
8. Spectroscopic investigations on the rock samples from the wells in the vicinity of tanneries, proceedings of the National Conference on Spectrophysics, NCONS-2000
9. Factors influencing the housing in Rural Sector, at National Seminar on status trends and Supervision of Research in Rural Development, April 2002
10. A study on Rural Resources using GIS for Implementation of cost effective Building Technologies, Proceedings of National Seminar on Application of GIS for Rural Development, TTTI, Tharamani, Chennai, Dec, 11-12, 2003
11. Use of Traditional Building Materials, - A Block level study of Athoor of Dindigul District, Tamilnadu, Proceedings of National Conference on Traditional Knowledge System of India, IIT Kharagpur, West Bengal, Jan.9-11, 2004

Short tem courses/ Symposium/

Conferences attended

- :1. Summer Institute in Physics, Department of Physics, Madurai Kamaraj University, Madurai, 1970
2. Winter Institute in Molecular Spectroscopy, Annamalai University, Annamalainagar, 1977
3. National Conference on Molecular Spectroscopy, Annamalai University, Annamalainagar, 1980
4. 51<sup>th</sup> session of National academy of Science and Symposium on computers in Education, Reserch and Industrial Development, University of Cochin, Cochin, 5<sup>th</sup> and 7<sup>th</sup> October 1981.

5. National Symposium on Instrumentation (NSI-7), Instrument societies of India, Bangalore, 30<sup>th</sup> June to 3<sup>rd</sup> July 1982.
6. National conference on Vibratioal Spectroscopy, Department of Physics, MIT, Madras, 16<sup>th</sup> to 18<sup>th</sup> May 1983.
7. International course on Physics of Materials, Asian Physical Society, Committee on Science and Technology for Developing countries, IIT, Madras, 15<sup>th</sup>-22<sup>nd</sup> November 1985
8. Workshop on dBASE, Department of Computer Applications, Alagappa University, Karaikudi, 1<sup>st</sup> February 1988.
9. National Seminar on redefining individual Governance and Society, GRI, Gandhigram, 3<sup>rd</sup>-5<sup>th</sup> 1997
10. National Seminar in Water Quality Surveillance and Sustainable Issues, GRI, Gandhigram, 10<sup>th</sup>-13<sup>th</sup> December 1997

Short tem courses/ Symposium/

Conferences organized

- :1. UGC Refresher course in Physics for college and University Teachers, Nov.2001
2. UGC Refresher course in Physics for college and University Teachers, April.2002
3. UGC Refresher course in Physics for college and University Teachers, Dec.2003
4. Conducted one month young student scientist programme for the school students from Theni and Dindigul Districts during May 2002 and 2003
5. Two days workshop on designing and fabricating solar energy devices for college teacher, Mar.2004
6. Conducted one day workshop with Hands on programme for Higher secondary Physics Teachers to teach the revised syllabi in Physics.

Support to student's activities: 1. Conducted intercollegiate program in Physics entitled 'FESTOPHYS' during the years 2002-2003

2. Organized NATIONAL SCIENCE DAY celebrations, GRI -3times

Membership in Scientific bodies/

Associations

: Life member in the Indian Association of Physics Teachers

Committee members

: Selection committee member for the post of Professor and Reader

1. Gandhigram Rural University, Gandhigram
2. Manonmaniam Sundaranar University, Thirunelveli
3. Alagappa University, Karaikudi
4. Kerala University, Thiruvananthapuram, Kerala

Commission to start New Courses:

- Served as a member to assess the infrastructure facilities to start new courses in the affiliated colleges of
- i. Mother Theresa University, Kodaikanal
  - ii. Alagappa University, Karaikudi

Membership in Academic bodies:

1. Member of Board of studies in GRI 1987-till date
2. Member in Academic council of GRI, 1987-till date
3. Chairman, Board of Studies in Physics of GRI, from 2001-2009
4. Madurai Kamaraj University Nominee in the Board of studies of Vivekananda college, Thiruvudagam, for a period of three years from July 2003.
5. Member board of studies of Madurai college, for a period of three years from 2003
6. Member board of studies of Gobi Arts college, Gobichettipalayam for a period of three years from 2001

Administrative Experience

- :1. Registrar of GRI from 1991-1997
2. Controller of Examination of GRI
    - i. April 1990 to August 1990
    - ii. April 1991 to November 1991
    - iii. July 23<sup>rd</sup> to July 31<sup>st</sup> 1997
  3. Local co ordinator of Dindigul centre for Tamilnadu Professional Course Entrance Examination during 1994-1997 and in 2004.