

Dr S. Balasubramanian PhD



RESUME

NAME : S.BALASUBRAMANIAN

AGE : 68-YEARS

NATIONALITY : INDIAN

ADDRESS : DEPARTMENT OF INORGANIC CHEMISTRY
GUINDY CAMPUS

(OFFICE) : UNIVERSITY OF MADRADS
CHENNAI-600 025. INDIA

FORMER DIRECTOR,
CENTER FOR ADVANCED MATERIALS RESEARCH
VELS UNIVERSITY, CHENNAI-600117

DISTINGUISHED PROFESSOR
VIVEKANANDA UNIVERSITY, BELUR, KOLKATA

(RESIDENCE) : 1274, I-BLOCK , 28TH STREET
ANNA NAGAR,CHENNAI-600040. INDIA
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QUALIFICATIONS : Ph.D (INORGANIC CHEMISTRY) - UNIVERSITY OF
MADRAS- 1985
M.Sc (ANALYTICAL & - UNIVERSITY OF
INORGANIC CHEMISTRY) MADRAS- 1977
B.Sc (CHEMISTRY)- - UNIVERSITY OF
MADRAS- 1975

EXPERIENCE : 44-YEARS OF RESEARCH
30-YEARS OF PG &UG TEACHING(UNIVERSITY OF
MADRAS&ANNA UNIVERSITY)

AREA OF INTEREST : MACROCYCLIC CHEMISTRY,MACROMOLECULAR
CHEMISTRY, ENVIRONMENTAL CHEMISTRY,
LEATHER CHEMISTRY, NANO CHEMISTRY AND
PHOTOCHEMISTRY .

Publications >100(International)

Patents

Total Number of patents: Nine

MEMBERSHIP IN PROFESSIONAL SOCIETIES

1. Royal Society of Chemistry : Fellow(Secretary)
2. American Chemical Society : Member(Faculty
Advisor)
3. American Association for the
Advancement of Science : Member
4. IUPAC : Affiliate member
5. Indian Chemical Society : Fellow
6. Institution of Chemists : Fellow
7. Society for Advancement of
Electrochemical Science and Technology : Life Member
8. Indian Society for Radiation and
Photochemical Sciences : Life Member

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| 9. Indian Society for Analytical Scientists | : | Life Member |
| 10. Indian Science Congress Association | : | Life Member |
| 11. Chemical Research Society of India | : | Life Member |
| 12. SPECTRUM (Chemical Society of School of Chemical Sciences, Univ of Madras) | : | President |

Projects & Research Guidance

Funded by

Department of Science and Technology
 Department of Biotechnology
 Defence Research and Development Organization
 University Grants Commission
 Industry

Total amount: >Rs. 10 million

MHRD- Center for Nanoscience & Nanotechnology----Rs.1000 million
 (University Project)

Prizes, Awards and Honors received:

- 1 Awarded commonwealth academic fellowship in 2010 tenable at the University of Oxford.
- 2 Awarded RSC service award(2015)
- 3 Inspirational Committee Award from RSC(2022)
- 4 Elected as a Fellow of Royal Society of Chemistry.
- 5 Editor-in Chief, Journal of Nanoscience Letters
- 6 Elected as Secretary of RSC, South India

- 7 Faculty Adviser, American Chemical Society
- 8 Published an article in Dalton Transactions which is adjudged as one of the top10 articles in 2008.
- 9 Published an article in Inorg. Chem Commun which is adjudged as one of the top25 articles in 2005.
- 10 Reviewer for more than twenty international journals
- 11 Chartered Chemist and Representative of Royal Society of Chemistry(RSC)
- 12 Elected to Board of Research Directors, American Biographical Institute
- 13 Citations in prime journals like J.Am.Chem.Soc., Annual Rev.Chem(RSC), Coord.Chem.Rev. etc.
- 14 MoU with Staffordshire University in the area of environmental science
- 15 Biographical sketch in Marquis Who is Who in Science and Engineering, , American Biographical Institute.
- 16 National Merit-cum –loan scholarship (M.Sc)
- 17 Travel grant from RSC to attend an International Material Chemistry Conference in the University of Sheffield,UK.
- 18 Invited speaker, Indian Science Congress Association, Bangalore, 2003
- 19 Chairman, one of the sessions in all India PI's meet in chemistry organized by DRDO in Andhra University, Waltair, Dec 2005
- 20 Member, Board of PG Studies in Chemistry, Stella Maris College, Chennai
- 21 Invited to participate in an e-learning workshop in Staffordshire University, UK
- 22 First investigator to get an industrial consultancy project from School of Chemical Sciences.
- 23 Resource Person, Academic Staff College, University of Madras and Annamalai University.
- 24 Team member from CLRI in the implementation of ISO-9000 for Kizar Hussain Tannery, one of the modern tanneries in India.

- 25 Hosted RSC team from Cambridge, UK to deliver a lecture on “RSC Publishing”
- 26 Project Advisor for M.A(Sustainable Management) program offered in collaboration with Staffordshire University
- 27 Conducted CSIR -NET coaching classes for M.Sc (Chemistry) students
- 28 Coordinator- Chemistry Section. Chennai Science Festival

Countries Visited :

USA, UK, Germany, Japan, Italy, France, Switzerland, Egypt, Singapore, Malaysia, Hong Kong, Dubai, Thailand, Sri Lanka

Recent visits :

Chaired two sessions and presented our work in Advanced Functional Material Conference ,University of California, Los Angeles (Aug,2019)

Presented our work in ACS National meeting, San Diego, USA(Aug,2019)

Invited talk at National University of Singapore and Nanyang Technological University, Singapore (Sep,2019)

Plenary Speaker in Biopolymer Conference, Las Vegas, USA(Nov2019)

Invited Speaker in 13th Pan Pacific Symposium on Stem Cells and Cancer Research, Hualien Tzu Chi Hospital, Taiwan (Sep2021)

Presented our work in ACS National meeting, San Diego, USA(Mar,2022)

Invited Lectures :

University of Liverpool; Staffordshire University; Nanyang Technological University, National University of Singapore, University of Colombo; Anna University; Bharathiar University; Bharathidasan University; Annamalai University; Manonmaniam Sundaranar University; Madurai Kamaraj University; SASTRA University; SRM University; Hindustan University;

Sathyabama University; MGR university; Vel's University; Vel-Tech University; Avinashilingam University; Kalasalingam University; AMET University; Vivekananda University, Saveetha University, Women's Christian College; VHNSN College; Muthayammal Arts and Science College; Sastha Engineering Vollege; IFET Engineering College; Narayana Engineering College; GKM College of Engineering and Technology ; Sri Kaliswari College; Ramachandra College of Engineering. Gurunanak College; Mohamed Sathak College; Loyola College,

S.Balasubramanian CChem FRSC