

RESUME

Dr.A.BALAKRISHNAN

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CAREER OBJECTIVE

A position as a devoted Teacher committed for the cause of the students and institution as well as personal development.

EXPERIENCE

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Mohamed Sathak A J College of Engineering	Asso. Professor	15.07.2013	Till date	8	8	10
NPR College of Engineering and Technology	Asst. Professor	26.07.2010	30.05.2013	2	10	6
Mohamed Sathak Engineering College	Lecturer	01.06.2007	22.07.2010	3	01	21
PKN Arts and Science College	Lecturer	12.06.2006	30.04.2007	-	10	19
Total				15	6	26

ACADEMIC PROFILE

Doctor of Philosophy (Ph.D),

Completed my research in the field of “STUDIES ON QUALITY OF GROUND WATER IN AND AROUND GULF OF MANNAR AND PALK STRAIT SEA SHORE AREA”, in Madurai Kamaraj University – Madurai, Tamilnadu, India in 2017.

Master of Philosophy (M.Phil) with First Class, in Saraswathi Narayanan College, Perungudi, Madurai, Tamilnadu, India in 2006.

Master of Science (M.Sc) with First Class, in St.Joseph's College, Trichy, Tamilnadu, India in 2005.

Bachelor of Science (B.Sc), with First Class, in Arul Anandar College, Karumatur, Affiliated by Madurai Kamaraj University, Madurai, Tamilnadu, India in 2002.

PROJECTS DONE

P.hD : “Studies on ground water quality in and around Gulf of Mannar and Palk Strait sea shore”

M.Phil : “ A Study on Partial molar volume of Adenine & Guanidine Hydrochloride in metal nitrate & water mixtures”.

M.Sc : “ Chemical Analysis of raw materials used in Cement Industry” in Dalmia Cement, Dalmiapuram.

Paper Published in International Journals

1. **Balakrishnan A**, Ramu A and Murugesan A., Spatial distribution of heavy metal concentration in ground water in and around Palk Strait Sea shore area using GIS Techniques, *International Journal of Innovative Research in Science, Engineering and Technology*, 2 (12), 7650 – 7656, (2013).
2. **Balakrishnan A**, Ramu A and Murugesan A., Assessment of Heavy Metal Distribution in Ground water in and around Gulf of Mannar Sea shore area using GIS Techniques, *Research Journal of Chemical Sciences*, 4(1), 9 – 16, (2014).
3. **Balakrishnan A** and Ramu., Evaluation of the heavy metal pollution index for ground water in and around the coastal area of Gulf of Mannar biosphere and Palk Strait, *Journal of Advanced Chemical Sciences*, 2(3) 331 – 333, (2016).
4. **Balakrishnan A** and Ramu., Statistical and Multivariate analysis of ground water along the coastal aquifers in Palk Strait, *International Research Journal of Environmental Sciences*, 6(3), 25 – 29 (2017).
5. **Balakrishnan A** and Ramu., Seasonal Variation of Ground Water Quality in and around Gulf of Mannar Coastal Aquifers, *Journal of Environmental Science and Pollution Research*, 3(2), 186 – 188, (2017).

6. **Balakrishnan** and Ramu., Hydrogeochemical characteristics of ground water along the coastal aquifers of Gulf of Mannar and Palk Strait region, *Applied Water Science* – Springer – Communicated.

7. **Balakrishnan** and Ramu., Impact on sea water intrusion in ground water along the coastal aquifers in Gulf of Mannar and Palk Strait sea shore area, *Environmental and Monitoring Assessment* – Springer – Communicated.

Paper Presented & Published in National and International Conferences

1. Physico – Chemical characteristics of groundwater in and around Gulf of Mannar sea shore area was presented by Balakrishnan A and Ramu A, in CSIR sponsored national seminar on WATERBORNE DISEASES CAUSES AND PREVENTION organized by Department of Chemistry, Sriram Engineering College, Chennai, on 24th and 25th March, 2011.

2. Characteristics of ground water quality in and around Gulf of Mannar sea shore area was presented by Balakrishnan A and Ramu A, in National conference on RECENT DEVELOPEMENT IN NANO MATERIALS organized by Mohamed Sathak Engineering College, Kilakarai, on 21st March 2013.

3. Ground water quality in and around Gulf of Mannar sea shore area was presented by Balakrishnan A and Ramu A, in international conference at Fatima College on 17th and 18th February 2011.

4. Study on coastal ground water aquifers – Suitabilty for drinkng and irrigation purposes by Balakrishnan A and Ramu A, National conference on Recent Trends in smart Materials at Kings College of Engineering Thanjavur on 17th Febraury 2018.

5. Hydrogeochemical characteristics of ground water in Gulf of mannar and Palk Strait sea shore area by Balakrishnan A and Ramu A, National conference on Functional Materials and its Applications at Vels University Chennai on 1st March 2018.

6. Hydrogeochemical Studes on ground water in coastal aquifer, by Balakrishnan A and Ramu A, Internatonal conferences on Recent Trend in Green Chemistry and Material Science at Mohamed Sathak Engineering College Kilakarai Ramanathapuram Dt.

WORKSHOPS PARTICIPATED

Participated a Water Management Training Programme at PWD, Madurai, conducted by Central Ground water Board on 6&7 Jan2011.

Oneday Workshop on “Physical Education and Health Awareness” Conducted by Mohamed Sathak Engineering College, Kilakarai, on 23rd Dec 2009.

State level seminar on “Solid Waste Management” conducted by ANJA College, Sivakasi on 27 & 28th Feb – 2006.

National level Seminar on “ Recent Trends in Applied Chemistry” conducted by St.Joseph’s College, Trichy on 10th& 11th Jan 2005.

“CHEMFEST 01” Conducted by Arul Anandar College, Karumathur.

Personality Developement Programme (30th Apr – 14th May 2002) conducted by RADAR centre.

AREA OF INTEREST

Water Technology, Thermodynamics, Engineering Chemistry, Environmental Science and General Chemistry

SUBJECT HANDLED

Engineering Chemistry I & II, Engineering Chemistry Lab I & II, Environmental Science & Engineering, Chemistry for Marine Engineering and Boiler Chemistry Lab for Marine Engineering Students.

Ancillary Chemistry Theory and Practical for B.Sc students, Analytical Techniques for Biochemistry students.

OTHER THAN ACADEMIC RESPONSIBILITIES

Rotaract Club Convenor, YRC Co-ordinator, NSS Programme Officer, HOD / Chemistry, HOD / Science & Humanities, Life time Member in ISTE.

Reviewer in Oriental Journal of Chemistry (Scopus indexed Journal)

REFERENCE

1. Prof.Dr.A.Ramu, Professor & Head, Department of Inorganic Chemistry, School of Chemistry, Madurai Kamaraj University, Madurai. India Ph: 94426 23835	2. Dr.E.Murugan Professor & Head, Department of Physical Chemistry Madras University Guindy Campus Chennai,India. Ph: 94442 75889.
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PERSONAL PROFILE

Date of Birth & Age : 28.05.1982 & 38
Nationality : Indian
Religion & Community : Hindu & BC
Marital Status : Married
Languages Known : Tamil & English
Permanent Address : S/O A.Ayyalsamy,
Alagusirai, Ponnangalam (Post),
Tirumangalam (TK),
Madurai (DT). Tamilnadu, India – 625 706.
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