



Raja Doraisingam Government Arts College

(Affiliated to Alagappa University, Karaikudi)

Sivagangai - 630561



FACULTY PROFILE

1. **Name** : Dr. K. KANNAN
2. **Father's Name** : N. Kayambu
3. **Designation** : Guest Lecturer / Chemistry
4. **Age and Date of Birth** : 39 & 14.05.1983
5. **Gender** : Male
6. **Address for Communication** : 2/83, N. No. 173, West Street
Palayanur & Post,
Thiruppachethi (Via),
Sivagangai (Dist) - 630610.
7. **Phone No** : Personal Mobile: 9514882249
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9. **DOJ in Present Institution** : 30.12.2015
10. **Educational Qualification** : M.Sc., Ph.D.,



S.No.	Course	University/College	Year of Passing
1	Ph.D., (Chemistry)	Central Salt and Marine Chemicals Research Institute (CSMCRI), Bhavnagar University, Gujarat, India.	October-2011
2	M.Sc., (Chemistry)	Thiagarajar college, Madurai Kamaraj University, Madurai, India	November 2005
3	B.Sc., (Chemistry)	RDGA College, Sivagangai, MKU	April 2003
4	H.S.C.	Govt. Hr. Sec. School, Palayanur	March 2000
5	SSLC	Govt. Hr. Sec. School, Palayanur	April 1998

11. **Area of Specialization** : Catalysis & Bio-materials

12. Experience :

S. NO	Name of Organisation	Period		Year of Experience
		From	To	
1	Raja Doraisingam Govt. Arts College, Sivagangai	30.12.2015	to till date	7 Years
2	Indian Institute of Technology Delhi, New Delhi-110 016, India.	01-03-2012	to 21-01-2015	3 years

13. Publications:

S.No.	Title	Name of the Journal	ISSN / ISBN	Year
1	Nickel ferrite nanoparticles as an adsorbent for immobilized metal affinity chromatography of proteins. Kayambu Kannan , Joyeeta Mukherjee, Prashant Mishra, Munishwar N. Gupta	Journal Chromatographic Science 59 (2021) 262-268.	1945-239X	2021
2	Perchlorate Contamination Assessment and Hypothyroidism in Rat Studies using water samples collected around Kovil Patti, Tuticorin District of Tamil Nadu, India, B. Karthikprabu, A. Palanimurugan, A. Dhanalakshmi, K. Kannan and S. Thangadurai	Microchemical Journal, 154, 104570, 1-7, 2020.	0026-265X	2020
3	Immobilization of a lipase on mesocellular foam of silica for biocatalysis in low water containing organic solvent Kayambu Kannan , Joyeeta Mukherjee, Munishwar N. Gupta	Chemistry Letters 43 (2014) 1064-1066.	0366-7022	2014
4	Use of polyethyleneimine coated Fe ₃ O ₄ nanoparticles as an ion-exchanger for protein separation Kayambu Kannan, Joyeeta Mukherjee, Munishwar N. Gupta	Science of advanced material 5 (2013) 1477-1484.	1947-2943	2013
5	Designing of nitrile hydratase from alkaline protease using guanidine hydrochloride and cobalt metal ion, Kayambu Kannan and Raksh Vir Jasra,	Catalysis Today 198 (2012) 353-358	0920-5861	2012
6	Improved catalytic hydrolysis of carboxy methyl cellulose using cellulase immobilized on functionalized meso cellular foam,	Journal of Porous Materials 18 (2011) 409-416.	1380-2224	2011

	Kayambu Kannan and Raksh Vir Jasra,			
7	Immobilization of alkaline serine endopeptidase from Bacillus licheniformis on SBA-15 and MCF by surface covalent binding, Kayambu Kannan and Raksh Vir Jasra,	J. Mol. Catal. B: Enzymatic 56 (2009) 34–40.	1381-1177	2009

14. Paper Presented in Conferences/ Seminar:

S.No.	Title	Institution	Date & Year
1	Designing of nitrile hydratase from alkaline protease using guanidine hydrochloride and cobalt metal ion.	National symposium on “Emerging Horizons in Catalysis”. The M.S. University of Baroda, Vadodara, India.	25-26 September 2009.
2	Surface Modified Mesoporous Materials for Enzyme Immobilization.	XXII-Gujarat Science Congress, Bhavnagar University, Bhavnagar, India.	9 March 2008.
3	Immobilization of Alkaline Serine Endopeptidase from Bacillus Licheniformis on SBA-15 and MCF by Surface Covalent Binding.	5th All Gujarat Research Scholars Meet, M.S. University of Baroda, Vadodara, India..	17 February 2008
4	Immobilized enzymes for sensor applications.	Workshop on Immobilized enzyme for sensor application, at Biochemistry Department, M.D University, Rohtak, India.	August 24 to September 2, 2007.

15. Seminar / Conference / workshop / Attended:

S.No.	Institution	Date & Year
1	“National seminar on Role of nuclear energy for sustainable future development and environmental safety”, Raja Doraisingam Govt. Arts College, Sivangai. Tamil Nadu.	5-02-2016
2	Workshop on The Art of Thesis Writing, Preparing the Research Paper and Write the Research Proposal at Raja Doraisingam Government Arts College, Sivangai.	04.03.2020

16. Details of Research Projects :

Title	Sponsoring Agency	Amount	Responsibility
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17. Ph.D Guidance/Supervisorship:

Name of scholar	Course	Area of research	Status
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18. Seminar/ Conference/ Workshop Organised:

S.No.	Topic	Institution	Date
-	-	-	-

19. webinar Attended

Sl.No	Topic And Organizing Institution	Date
-	-	-

20. Orientation/Refresher/FDP/STP/MOOCs Attended


Sl.No	Name of the Programme	University	From	To
-	-	-	-	-

21. Resource Person:

Sl.No.	Topic	Delivered at	Period
1			

22. Members in Organization's :

23. Other Positions/Achievements:


(Signature)