Profile

1. Name:	Radhamani Kalathoor Narayanan
2. D.O.B	20/05/1965
3. Mobile No:	9892929466
4. Email id:	radhanair487@gmail.com
5. Department:	Chemistry
6. Designation:	Associate Professor
7. Date of Appointment:	21-07-2005
8. Date of Superannuation:	20-052025
9. Appointment Type:	Regular
10. Education Qualification:	MSc.Ph.D(IISc, Bangalore)
11. Work Experience:	19years
12. Courses taught:	FY (physical& inorganic chemistry), SY(physical chemistry) and TY (physical, inorganic, analytical and chemistry, Drugs and dyes)
13. Courses developed	NIL
14.Area of research:	Organo silicon Compounds
15. Achievements:	
A. Awards & Honors:	
B. Projects:	
C. Membership: (Academic or Professional bodies)	Life member- IISc Alumni association Life member -Indian Science congress

D. Resource person in Seminar/Conferences/Work shop Guest lecturers/ Refresher Course Orientation/STC	NIL
E. Ph.D (on going/completed)	NIL
F. Ph.D Guideship	NIL
G. Industry	NIL
H. patents/ copyrights(filed and granted)	NIL
7. Publications*:	

A. Research Papers:	1.K.N. Radhamani, Anil.J. Elias and D.K. Padma – High Yield room temperature synthesis and spectral studies of tri(amino)silanes: $(R_2N)_3SiH$ -Phosphorous, Sulfur, Silicon and related elements -vol66,297 1992 2. K.N. Radhamani, Anil.J. Elias and D.K. Padma - synthesis and spectral studies of tri(amino)silanes: $(R_2N)_3SiH$- Presented in the international Conference in "Inorganic Chemistry" at the university of Sussex, Brighton, UK July 22nd to 25th , 1992 3. K.N. Radhamani and D.K. Padma -Reactivity of Pyridinium poly(hydroigen fluoride) towards tri(amino)silanes, tri and tetra chloro silanes : J. of Fluorine chemistry -Vol 64,95-99 (1993) 4. K.N. Radhamani and D.K. Padma: A convenient high yield room temperature synthesis of mixed triamino silanes by transamination of tris(dicyclohexyl-amino)silane and its characterisation: Phosphorous, Sulfur, Silicon and related elements – Vol79, 65-68(1993) 5. K.N. Radhamani and D.K. Padma :Preparation of metal sulfides and oxides of sulphur using lower oxides of sulfur: Presented in the 76th session of Indian Science Congress, held in Madurai, January 7th to 12th , 1987. 6. K.N. Radhamani and D.K. Padma: Reactions of lower oxides of sulfur with trimethyl chlorosilanes:Synthesis of silico cation. 7. K.N. Radhamani: Evidence for hyper conjugative interaction in Si-N Bonds : Biochemical Science, Vol.4 ISSN 2230-8474, issue 2.April 2014. 8. K.N. Radhamani: A convenient method of preparation of tri(amino)silanes using transamination.Biochemical Science, Vol.4 ISSN 2230-8474,pp.21-23 issue 1.22 Dec 2013.

	9. K.N.Radhamani: Sexual harassment of women at work place: National level seminar on women's Issues, 20th march 2015: Women's Issues, N. Padmanabha, Universal Publishing house ISBN 978-93-83342-13-6. 10. K.N.Radhamani: Migration of Chemical industries to India, International conference, Internal and International Migration , 19th -20th December 2015, C.H.M. College Ulhasnagar. 11. Reaction of tricholrosilane with mixture of Dicyclohexylamine and secondary amine in 1:3:3 molar ratio, "Innovations in Chemical Research and applied Chemical Sciences" 12th -13th Jan 2015, International conference, C.H.M. College Ulhasnagar. 12. A comparative Study on the ^{29}Si chemical shifts in tri(amino) silanes with the basicity of pure amines, Indian Science congress, 3-7th Jan 2015, Mumbai. 13. K.N. Radhamani: Study of 29Si Chemical shifts in tri(amino)silanesResearchExpress : Vol.3 ISSN2395-3756 : pp85-88 My 2016. 14. K.N. Radhamani: A comparative study of 1H-Si proton Chemical shift in tri(amino) Silanes : (R2N)SiH with basicity of pure amines: Bionano Frontier ISSN 0974-0678 pp:99-100. 15. K.N.Radhamani :A study on Infrared Spectroscopic Frequencies of H-Si bonds in tri(amino) Silanes : $(R_2N)_3SiH$: Research Arena Vol4, ISSUE 8,Nov:2016 ISSN2320-6263. 16.K.N.Radhamani: Green energy and sustainable development 493-496 : Management Guru: Journal of management ResearchVol:IV, Issue .12,Jan 2017 ISSN 2319-2429 17.K.N.Radhamani: Deforestation and Contemporary Issues 82-85, The investigator Vol.3. No.1 March 2017: ISSN2454-3314

B. Articles:	
C. Books/ Book chapters:	Deforestation and air pollution. PP:39-44 14. K.N.Radhamani:Human Concerns and issues in science (SEEMA PRAKASHAN, 8TH APRIL 2017) ISBN-978-81-926634-7-0
D. Others	
8. Passport size photograph