

## Curriculum Vitae

### Personal info

Name: **Anjana Prakash**  
Gender: Female  
Date of Birth: 4<sup>th</sup> November 1987  
Marital Status: Single  
Nationality: Indian

### Contact details

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### Objective

To apply for the position of PhD scholar at Laboratoire Léon Brillouin CEA-CNRS, with the aim of a research-oriented career in physico-chemistry

### Research Interests

Polymer Chemistry, Biopolymers, Liquid Crystals

### Educational Qualifications

Degree	Year	College / University	%ge / CGPA	Remarks
Master of Science (Chemistry)	2009	School of Chemical Sciences, Mahatma Gandhi University, Kerala, India	8.00/ 10	
	2010		7.40 / 10	College rank – 9 [Total Students - 32 ]
Bachelors of Science (Main- Chemistry)	2006	St Dominics College, Mahatma Gandhi University, Kerala, India	97.72%	College rank - 1 [Total Students - 33 ]
	2007		97.62%	College rank - 1
	2008		96.40%	College rank - 1
Bachelors of Science (Subsidiary-Physics)	2006 – 07		94.50%	College rank - 1
Bachelors of Science (Subsidiary - Maths)			100%	College rank - 1
Higher Secondary	2005	Board of Higher Secondary Examinations	89.16%	

### Relevant Courses Undertaken

- |  |                                     |
|--|-------------------------------------|
| § Quantum Mechanics and Atomic Structure | § Chemical Bonding and Group Theory |
| § Spectroscopy 1, 2                      | § Polymer Science                   |
| § Nuclear and Radiation Chemistry        | § Physical Chemistry Laboratory     |
| § Structural and Solid State Chemistry   | § Organic Chemistry Laboratory      |
| § Equilibrium Statistical Mechanics      | § Inorganic Chemistry Laboratory    |
| § Non-Equilibrium Statistical Mechanics  |                                     |

### Research Experience

- § Currently doing MSc thesis in *National Institute for Interdisciplinary Science and Technology*, India, on the topic '**Facile Access Towards Hydrazinocyclopentenes Via Palladium Catalysed Ring Opening of Azabicyclic Olefins**' under the guidance of Dr. K. V. Radhakrishnan. The project involves palladium catalyzed ring opening of bicyclic hydrazines using various soft nucleophiles. Such derivatives could be useful intermediates in the modulation of heterocyclic substituents by multicomponent hydrazine-based chemistry.

### Scholastic Achievements

- § Secured **Best Chemistry Student** award from St. Dominic's college in 2008  
§ **Merit Scholarship** for Graduation studies (State level)  
§ Mahatma Gandhi University **Merit Scholarship** for graduation Course  
§ **Proficiency Award** for the Graduation Course in St. Dominic's College, Kottayam  
§ State level **Merit Scholarship** for Higher Secondary course  
§ Catholic Students **Merit Scholarship** for 10<sup>th</sup> grade examination

### Conferences and Workshops Attended

- § Participated in "2<sup>nd</sup> International Conference on Polymer Blends, Composites, IPN's, Membranes, Polyelectrolyte's and Gels: Macro to Nano Scale (ICBC-2008)" organized by School of Chemical Sciences, M G University, Kerala, India from 22<sup>nd</sup> – 24<sup>th</sup> September '08  
§ Participated in National Level Symposium on "Nanotechnology for Energy and Environmental Applications" organized by National Institute of Technology, Trichy, India on 24th Oct '09

### Computer Skills

- § Microsoft-Office, Scifinder, Scopus, Reaxys  
§ Chemdraw, Microcal Origin

### Technical Skills / Instruments

- § Fourier Transform Infrared Spectrometer, UV/Visible Spectrometer, HPLC

### Extracurricular Activities

- § Class representative, Women's Study Cell, St Dominics College (2007 – '08)  
§ Class representative, Tourism club, St Dominics College (2006 – '07)  
§ Team leader, employment enhancement training programme, St Dominics College (2006 - '07)  
§ Member, Career Club, St Dominics College (2006 – '07)  
§ Programme Co-ordinator, Chemistry Alumni meet, St Dominics College (2007- '08)

### References

- § **Prof. Dr. Sabu Thomas** CChem, FRSC  
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Mahatma Gandhi University  
Kottayam, Kerala, India  
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- § **Dr. K.V. Radhakrishnan**  
Scientist-E1, Organic Chemistry Division  
National Institute for Interdisciplinary Science and Technology (CSIR)  
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