

RAGHAVI KRISHNAN

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EDUCATION:

- **B. Tech., Chemical Engineering (July 2013 –May 2017)**

SASTRA University, Thanjavur

C.G.P.A: 7.377

Coursework:

Process Design and Economics, Chemical Reaction Engineering, Process Dynamics and Control, Chemical Engineering Practice and Drawing, Process Instrumentation, Mass Transfer, Heat Transfer, Fluid Mechanics for Chemical engineers, Thermodynamics, Environmental Engineering, Safety and Hazard Analysis, Applied Physical Chemistry, Process Calculations, Inorganic Chemical Technology, Organic Chemical Technology, Polymer Science, Analytical Techniques, Industrial Organic Chemistry, Engineering Chemistry

- **CLASS XII (May 2013)**

M.K.V.V. International Vidyalaya, Mumbai

Completed XII from CBSE syllabus securing 84%

Major subjects: Mathematics, Physics, Chemistry and Engineering Drawing

- **CLASS X (May 2011)**

Thakur Public School, Mumbai

Completed X Std from ICSE syllabus securing 89%

Major subjects: Mathematics, Science and Technical Drawing

PROJECTS:

- Worked on 'Heat Transfer study and Instrumentation set-up for Compound Parabolic Collector with Evacuated Tube absorber' under Dr. Madhavi Sardeshpande in Chemical Engineering and Process Division, CSIR- National Chemical Laboratory, Pune from December 2016 – March 2017
- Worked on the topic 'Innovative ways to manage Ceramic Waste', under Dr. Madhavi Sardeshpande in Chemical Engineering and Process Division, CSIR- National Chemical Laboratory, Pune from June-July 2016
- Attended Training at Dr.Reddy's Laboratories Private Limited, Hyderabad for a period on 28 days- Drug Compositions- Mainly Atrovastatin and Ciprofloxacin, Batch Production and Record Handling in May-June 2015

- Attended In-Plant Training at Reliance Energy- Dahanu Thermal Power Plant- Demineralisation Plant, Ash and Flue Gas Plant, Hydrogenation and Cooling Water Chlorination Plant, Monitoring and Analysis of SWAS systems for a period of 8 days in December 2014
- Associated with the project on "Acute Toxicity in Kantham Drugs" under the supervision of Dr. V. Ramanathan, Senior Assistant Professor, School of Chemical and Biotechnology, SASTRA University, Thanjavur

ACADEMIC ACHIEVEMENTS:

- Department Topper of the subject 'Thermodynamics' in 4th Semester and 'Mass Transfer' in the 5th Semester during B.Tech Chemical Engineering

CO-CURRICULAR ACTIVITIES:

- Chief-Editor of 'Chemuniqué'- Magazine of Chemical Engineering Department, SASTRA University
- Won II Place in 'Working Model of a Water Filter' Competition, that took place at Alagappa College of Technology, Chennai in January 2016.
- Head, Public Relations Cluster, Organizing Committee of National Conference on Advances in Process Engineering, that was held in October 2016
- Served as Joint-Treasurer of the IChE Student Chapter for the year 2014-15 and an Active Participant of IChE student activities taking place at SASTRA University
- Participated in Poster Competition held during CAPE, an annual technical symposium organized by the Chemical Engineering Department of SASTRA University, Thanjavur (October 2014)

OTHER SKILLS:

- Software : MATLAB, SciLAB, DWSIM and OpenModelica basics, C & C++
- Languages : English, Hindi, Marathi, Tamil, Gujarati and German
- Trained in Carnatic Music for 9 years
- Active Blogger: www.gograb.wordpress.com

REFERENCES:

Dr.R. Kumaresan
Associate Dean, School of Chemical and
Biotechnology, SASTRA University

Dr. P.R. Naren
Senior Assistant Professor, School of Chemical and
Biotechnology, SASTRA University

COVER LETTER

Having a strong background of Chemical engineering from one of the premier institutes of the Southern India, SASTRA University, I seek for the job that uses my technical, analytical and communications skills alike, to boost the intellectual as well as financial growth of your company, Process Systems Engineers India Pvt. Ltd. I have undergone training in prestigious companies' Production department viz. Reliance Thermal Power Plant, Dahanu and Dr. Reddy's Laboratories Pvt. Ltd. Apart from these industrial skills that I've acquired during the course of my graduation, I've also been an ardent researcher. I did my research internship as well as my project in CSIR-National Chemical Laboratory, Pune. I have worked on Compound Parabolic Concentrator with Evacuated Tube absorber. The research was focused on Heat transfer and Process Instrumentation. With these credentials, I seek for a post in a process engineering company, where I can apply my fundamentals of Chemical Engineering, and also work with utmost sincerity and passion. Process Systems Engineers India Pvt. Ltd is one of the most diverse unit in the field, dealing with right from the design to implementation of engineering principles. I look forward to learn a lot, as well as contribute equally, if given an opportunity to be a part of your company.