

Resume:

Name: Swetha.K

Date of Birth: 08.09.1995

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Education:

Course	Institution	Percentage/ grade
X standard	Century Foundation School, Tirupur, TN	94.4%
XII standard	Century Foundation School, Tirupur, TN	86%
B.Sc. CBZ (Chemistry, Botany, Zoology)	Christ University, Bangalore	9/10 (CGPA in 10 point scale)
M.Sc. Physical Chemistry	University of Madras, Chennai	I Rank, Gold medal

Achievements:

- Received **Prof.Dr. T. Balakrishnan Endowment Gold Medal** in 2018
- Received **Prof.P.Natarajan Endowment Medal for Physical Chemistry** in 2018
- Received **Prof.K.K.Balasubramanian 60th Birthday felicitation Prize** in 2018
- Topped the class in all four semesters of M.Sc. program.
- Received **Inspire award** in 2010-11 from DST
- Received **Young Scientist Award** from KPR Institute of Engineering and Technology, Coimbatore, TN for science project in 2010
- Took part and won prizes during school and college in art and literature events, including at WAVES, BITS, Pilani and also in state level writing competitions.

Experience:

2013-2018: Academic projects (UG and PG):

- Worked in the field of electrochemical sensing and submitted thesis on “Synthesis, Characterisation and Application of Novel GO-SnSe coated GCE in sensing of Caffeine, Paracetamol and Tryptophan Concomitantly” during PG course.
- The work is part of a larger research project being undertaken by several scholars at the university and is awaiting publication.
- Was awarded 92% marks for the same
- Worked on dye extraction from plant sources during UG and also its characterisation.

2017: Internship:

- Worked as an intern at quality control/ assurance lab at Amrutanjan Healthcare Ltd, Chennai.
- Learnt the daily functioning of an industrial level lab and also gained experience of real time sample analyses

2013-2016:

- Certificate courses in UG: “Analytical techniques for budding Chemists” in UG with an A grade in 2016, “Basic Chinese” and also “Holistic education” courses
- Attended lectures and workshops:
 - Attended the week long lecture series by Dr.Sumiolijima, inventor of carbon nanotubes, at university of Madras and also had the chance of interacting with him in person.
 - Lecture workshop on “Advances in material sciences” jointly held by JNCASR and Christ University
 - “modern aspects of Chemical research” by Indian Academy of Sciences
 - “Particles, Gravity and Strings-An interactive session with eminent Physicists” conducted to celebrate 100years of General Relativity held by International Centre for Theoretical Sciences and International Centre for Theoretical Physics.
 - “Workshop on crime Scene Management and Investigation” conducted by Saakshi Forensic Investigation Pvt Ltd
 - Attended the lecture of **Prof.Manjul Bhargava**, Princeton University, titled, “Poetry, drumming and mathematics”
 - Attended lectures, by many international scientists, on their works in various fields.
 - Attended Ph.D. viva voce of number of scholars while they defend their theses at the university.

2011:

- Attended science camp during school- part of batch 7 students who attended DST Government of India’s 2011 science at K.S.R. College of Technology, Tiruchengode, Namakkal.
- Represented school at state and district level in science project competition, conducted by Children’s Science Congress
- Part of cultural team during my UG at Christ University

SKILLS:

- Fluent communication of concepts in simplified manner.
- Good working knowledge in MS word with moderate typing skills.