

# Curriculum Vitae

Name : Ms. Srishti Shyam Satyal

E-mail : [srishtishyam14@gmail.com](mailto:srishtishyam14@gmail.com)

Contact No. - +918511943195

## **EDUCATIONAL QUALIFICATIONS:**

<b>Name of Degree</b>	<b>Name of Institute</b>	<b>Class</b>
Bachelor's in Biotechnology	Shree Ramakrishna Institute of Computer Education and Applied Sciences.	First class with Distinction.
Master's in Biotechnology	Shree Ramakrishna Institute of Computer Education and Applied Sciences.	First class with Distinction.
Doctorate of Philosophy	Veer Narmad South Gujarat University.	Registered and Pursuing.

## **ADDITIONAL QUALIFICATION:**

- Qualified for **Gujarat State Eligibility Test** in September-2016

## **EXPERIENCE:**

- One year of teaching experience at Shree Ramakrishna Institute of Computer Education and Applied Sciences as Ad-hoc Lecturer.
- One year of experience at Department of Biotechnology, VNSGU, SURAT.

## **ACHIEVEMENTS:**

- First Rank in UGC sponsored National conference in Recent trends and Emerging Issues in Microbiology and Pharmaceutical Biotechnology by Department of Microbiology and Biotechnology university school of Sciences, Gujarat university, Ahmedabad dated on 15<sup>th</sup> and 16<sup>th</sup> March 2019.

## **CONFERENCES:**

- Biological tools for sustainable environment organized by department of Biosciences, VNSGU, Surat dated on 2<sup>nd</sup> March-2019.
- UGC sponsored National conference in Recent trends and Emerging Issues in Microbiology and Pharmaceutical Biotechnology by Department of Microbiology and Biotechnology university school of Sciences, Gujarat university, Ahmedabad dated on 15<sup>th</sup> and 16<sup>th</sup> March 2019.
- Recent trends in Pure and Applied Sciences organized by Bhagwan Mahavir college, Surat, dated on 24<sup>th</sup> February 2019.

# Curriculum Vitae

Name : Ms. Srishti Shyam Satyal

E-mail : [srishtishyam14@gmail.com](mailto:srishtishyam14@gmail.com)

Contact No. - +918511943195

## SYMPOSIUM:

- On “Human Genetic Disorders: A Medical and Social Concern” held on 17<sup>th</sup> October, 2014 organized at Shree Ramakrishna Institute of Computer Education and Applied Sciences, Surat.

## WORKSHOPS:

- On “Analytical Training for Instrumentation” held on **2<sup>nd</sup>,3<sup>rd</sup> and 4<sup>th</sup> June, 2014** organized at **Haffkine Institute for training, research and testing**, Mumbai, Maharashtra.
- On “Bridge Course in Physics” sponsored by **Institute of Physics, UK** held from **9<sup>th</sup> to 21<sup>st</sup> june,2014** at Sir PT Sarvajanik College of Science, Surat, Gujarat.
- On “Bridge Course in Chemistry” held from **23<sup>rd</sup> to 28<sup>th</sup> June, 2014** at Sir PT Sarvajanik College of Science, Surat, Gujarat.
- On “**Gujarat State Biotechnology Mission (GSBTM)** sponsored Crash workshop for National level competitive exam preparation” held from **11<sup>th</sup> to 15<sup>th</sup> may, 2015** at Shree Ramakrishna Institute of Computer Education and Applied Sciences, Surat, Gujarat.
- “Hands on training in Bioinformatics” held on **6<sup>th</sup>,7<sup>th</sup> and 8<sup>th</sup> June, 2016** organized by Saffron Lifesciences, Billimora in association with Department of Biotechnology at **Veer Narmad South Gujarat University Campus**, Surat, Gujarat.
- On “Developing Soft Skills” held on **4<sup>th</sup> and 5<sup>th</sup> July, 2016** at Shree Ramakrishna Institute of Computer Education and Applied Sciences, Surat, Gujarat.
- On “Crash course on CSIR NET” held for **5 days from 1<sup>st</sup> to 5<sup>th</sup> June, 2016** at Charutar Vidya Mandal’s ARIBAS sponsored by **GSBTM**, Anand, Gujarat.

## INSTITUTIONS VISITED:

- AAU (Anand Agriculture University), Anand, october-2014.
- IIAR (Indian Institute of Advanced Research), Gandhinagar, October- 2014.
- SICART (Sophisticated Instrumentation Centre for Applied Research and Testing) Vidyanagar, Anand, October- 2014.
- National Institute of Immunohematology, Mumbai, Maharashtra, April-2015.

## EXTRACURRICULAR ACTIVITIES:

- Member of book lover’s club at Shree Ramakrishna Institute of Computer Education and Applied Sciences.
- Volunteer of Blood donation camp at Shree Ramakrishna Institute of Computer Education and Applied Sciences.
- Participated in elocution competition at Vanita Vishram Women’s College of Commerce, Surat.

# Curriculum Vitae

Name : Ms. Srishti Shyam Satyal

E-mail : [srishtishyam14@gmail.com](mailto:srishtishyam14@gmail.com)

Contact No. - +918511943195

## **TECHNICAL SKILLS:**

<b>Animal tissue culture Techniques</b>	Aseptic handling of tissue, media preparation and sterilization, PBLC and PBMC, cell line maintenance and trypsinization, cytokinesis block micronucleus cytome assay, MTT assay, Viral assays on cell lines.
<b>Plant tissue culture Techniques</b>	Aseptic handling of explant, media preparation and sterilization, direct and indirect organogenesis, protoplast isolation of mesophyll cells, extraction and biochemical analysis of secondary metabolites.
<b>Microbiological Techniques</b>	Aseptic handling of fungi and bacteria, media and culture preparation, phage assay, streaking and staining methods,
<b>Bioprocess and enzyme Technology</b>	Immobilization techniques, production of organic acids and vitamins, production of alcohol through microbial fermentation.
<b>Immunological Techniques</b>	Serological diagnosis techniques such as ELISA and Radial immunodiffusion assay, blood testing.
<b>Molecular Techniques</b>	SDS-PAGE, agarose gel electrophoresis, DNA characterization, PCR, Restriction digestion, extraction of DNA, RNA and membrane proteins, protein estimation using Bradford's and Folin Lowry Method, analytical techniques.
<b>Histological Techniques</b>	Microtomy, staining and identification of tissues.
<b>Instrumental Techniques</b>	UV-vis spectrophotometer, Infrared spectrophotometer, Inverted microscope, Multimode reader, Colorimetric techniques, Gel doc system, Conventional PCR, Quantitative Real time PCR, GC/MS chromatography, HPLC, centrifuge and electrophoresis techniques, Soxhlet extractor and distillation apparatus.
<b>Computer Techniques</b>	Microsoft word, Microsoft excel, PowerPoint, bioinformatics tools and software (Fast PCR, Bioedit, MEGA 7.0, Clustal W), Image lab.

# Curriculum Vitae

Name : Ms. Srishti Shyam Satyal

E-mail : [srishtishyam14@gmail.com](mailto:srishtishyam14@gmail.com)

Contact No. - +918511943195

## PERSONAL INFORMATION:

<b>Name:</b>	Ms. Srishti Shyam Satyal
<b>Date of birth:</b>	14/06/1994
<b>Nationality:</b>	Indian
<b>Marital Status:</b>	Married
<b>Permanent Address:</b>	503, Takshashila apartment, near uma bhavan, Bhatar road, Surat- 395007
<b>E-mail ID</b>	srishtishyam14@gmail.com
<b>Contact No.:</b>	+918511943195
<b>Languages Known:</b>	Hindi, English, Punjabi and Gujarati.
<b>Other interests:</b>	<ul style="list-style-type: none"><li>• Singing.</li><li>• Reading (Monk who sold his Ferrari, Give and take, The immortal life of Henrietta lacks, codes and ciphers, The power of habit).</li><li>• Poetry Writing.</li><li>• Badminton.</li></ul>



Miss Srishti Shyam Satyal.