

# SHREYA SACHDEVA

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## EDUCATIONAL QUALIFICATION

**M.Sc. LIFE SCIENCES**  
TEL AVIV UNIVERSITY, ISRAEL  
(2020-Present)

- **B. TECH, BIOTECH**  
THAPAR INSTITUTE OF  
ENGINEERING AND  
TECHNOLOGY, PATIALA.  
CGPA-8.63/10  
(2017-2021)

- **SENIOR SECONDARY  
CERTIFICATE**  
RYAN INTERNATIONAL  
SCHOOL, LUDHIANA  
PERCENTAGE- 88.8%  
(2016)

- **HIGH SCHOOL  
CERTIFICATE**  
RYAN INTERNATIONAL  
SCHOOL, LUDHIANA CGPA-  
10/10  
(2014)

## ACADEMIC ACHIEVEMENTS AND AWARDS

- ⊙ Awarded a certificate and a trophy by Ryan International School, Ludhiana for 'Scientific Mind' in 2016
- ⊙ Five times scholar tie holder (2010-2014)

## PRACTICAL KNOWLEDGE

- Spectrophotometry
- DNA Isolation
- Cell counting
- PCR
- Chromatography
- Gel electrophoresis
- SDS -PAGE
- Miniprep
- Transformation
- Geneious Software - Primer designing
- RNA purification
- cDNA extraction
- Cells handling
- Q-PCR
- MTT Assay
- Work with viruses

## LANGUAGES

- ENGLISH
- HINDI
- PUNJABI

Flexible and Forward-thinking individual with refined interpersonal and multitasking skills. Pursuing Master's in a reputed institute, bringing outstanding dedication to the institute's affairs while gaining experience on the field.

## PROJECTS

- 'Structural effect of Protocadherins intracellularly in protocadherin mediated neuronal barcoding' under Dr. Rotem Rubinstein, Tel Aviv University, Israel
- 'The COVID-19 pandemic - Currently the most unmet medical need' under Professor Ehud Gazit, Tel Aviv University, Israel

## INTERNSHIPS

- **THAPAR INSTITUTE OF ENGINEERING AND TECHNOLOGY, PATIALA**  
(1<sup>st</sup> June 2018-13<sup>th</sup> July 2018)  
Six week summer skilling program on advanced Biomolecular interaction techniques and biomedical applications:
  - **GE Healthcare**
  - **BIO-RAD**
  - **Beckman Coulter**
  - **Dyna Biotech**
- **ONCQUEST LABORATORIES, NEW DELHI**  
(3<sup>rd</sup> June 2019-3<sup>rd</sup> July 2019)  
Training program in field of Hematology, Biochemistry, Microbiology, Cytology & Histopathology.

### *Professional Recognition*

- Awarded by certificate for six week summer internship by Thapar Institute of Engineering and technology
- Awarded by certificate for Training by ONCQUEST LABORATORIES

## POSITIONS OF RESPONSIBILITY

- **Team Member for Saturnalia 2018-** all India inter-collegiate techno-cultural festival
  - Event Management
- **Core Team Member**, Youth United Patiala chapter, TIET
  - Organised and Managed various events
- **Core Team Member**, Gene society, TIET
  - Organised and managed events like Symbiosis and Polymerase
- **Hospitality Head**, Youth United Patiala chapter, TIET
  - Hospitality and overall event Management
- **Gym In-charge**, Hostel PG, TIET
  - Solving problems related to Gym

## EXTRA CURRICULAR ACTIVITIES & ACHIEVEMENTS

- **Third position** in Yuva Sampadak Pratiyogita (2013) Organised by Dainik Jagran.
- Event management, Creativity, Publicity, Hospitality, for **Youth United Patiala chapter**.
- **Organised** and managed various events like Fresher's, Diwali, Lohri, and Farewell.
- Attended a workshop on **Pharmacovigilance, 2018**.
- Certificate for Drama for Symbiosis, **Gene society, TIET**.
- Basic introduction to Python, **University of Michigan**, July 2019 (Online Course).