

Testimonials

1. Class XII

Aggregate marks obtained in PCB/PCM	66.33
Number of attempts	1
Year of passing	2013

2. Bachelor's

Aggregate SGPA obtained	7.95
Number of attempts	1
Year of passing	2017

3. Master's Degree

Aggregate SGPA obtained	7.76
Number of attempts	1
Year of passing	2019

4. Publications, if any

Name of the journal/publication	Title of the article	Year, volume, page no of the article (Please upload reprint)
Analytica Chimica Acta	Microfluidic Electrochemical Device for Real-time Culturing and Interference-free Detection of Escherichia coli	2023, Volume 1237, 340591
STAR protocol	A protocol to execute a lab-on-chip platform for simultaneous culture and electrochemical detection of bacteria	2023, Volume 4, Issue 2, 102327
MDPI: Electronics	Electromicrofluidic Device for Interference-Free Rapid Antibiotic Susceptibility Testing of Escherichia Coli from Real Samples	(Under review)
IEEE Xplore	Electrochemical Micro-scaled Biosensor for Non-invasive Detection of Lactate	(Under review)
International Journal of Research and Analytical Review	Development of radial arm maze apparatus used in memory-enhancing activity	2018, Volume 5(3), 876

5. Patent, if any

File No	Title	Inventor	Year
202211058942	Device for Simultaneous Culturing and Detection of Microorganisms	Sangam Srikanth, Sonal Fande, Khairunnisa Amreen, Satish Kumar Dubey, Arshad Javed	2022

6. Merits and Awards

Name of the award/merit certificate, if any, already received by the applicant.	Title	Achievements
ICMR-SRF Research Grant award	Development of a wearable, fully integrated biosensor for on-site, real-time Sweat biomarker detection as a point-of-care device	Sanctioned for 3 years
Symposium on Electronics for Self-Reliance	Lab-on-Chip Electrochemical Sensor for Simultaneous Culturing and Real-time Detection of E. Coli	Poster Presentation

7. Scholarships

Name of the scholarship, if any, already received by the applicant	Year	Achievements
Graduate Pharmacy Aptitude Test	2017	Qualified
Indian Council of Medical Research	2022	Senior research fellow

Ms. Sonal Fande
Research Scholar- ICMR SRF
BITS-Pilani, Hyderabad Campus, Hyderabad