



**COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH**  
**HUMAN RESOURCE DEVELOPMENT GROUP**  
CSIR Complex, Library Avenue  
Pusa, New Delhi - 110 012, India

The date of declaration of result of **Joint CSIR-UGC Junior Research Fellowship & Eligibility for Lecturership (NET) Exam** held on 17th December, 2017 is 09/05/2018

**Marks Statement**

Roll Number : <b>351231</b> Name : <b>SHIRSHA SAHA</b> Subject : Life Science Applied For : <b>JRF-LECTURERSHIP</b>	
<b>Marks obtained</b>	
<b>Part A</b>	<b>27.5</b>
<b>Part B</b>	<b>23</b>
<b>Part C</b>	<b>58</b>
<b>Total Marks</b>	<b>108.5</b>
<b>Percentage</b>	<b>54.25%</b>
<b>Rank</b>	<b>69</b>
<b>Result</b>	<b>JRF(NET)-CSIR</b>
PENDING THE FINAL OUTCOME OF THE JUDGMENT OF HON'BLE HIGH COURT OF PUNJAB AND HARYANA IN LPA 2243/2017 AND ISSUANCE OF FORMAL JRF/NET QUALIFYING CERTIFICATE, MARKS STATEMENT OF THE QUALIFIED CANDIDATES MAY BE TREATED AS PROOF OF THEIR QUALIFYING THE SAID EXAM PROVISIONALLY SUBJECT TO THEIR FULFILLING THE ELIGIBILITY CRITERIA AS PER THE NOTIFICATION	
CSIR HRDG is not responsible for any inadvertent error that may have crept in the result being published on internet.	



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The date of declaration of result of **Joint CSIR-UGC Junior Research Fellowship & Eligibility for Lectureship (NET)**  
**Exam** held on 17th June, 2018 is 27/11/2018

**Marks Statement**

Roll Number : <b>341838</b>	
Name : <b>SHIRSHA SAHA</b>	
Subject : LIFE SCIENCE	
Applied For : <b>JRF_LECTURESHIP</b>	
<b>Marks obtained</b>	
<b>Part A</b>	<b>23</b>
<b>Part B</b>	<b>19</b>
<b>Part C</b>	<b>80</b>
<b>Total Marks</b>	<b>122</b>
<b>Percentage</b>	<b>61%</b>
<b>Rank</b>	<b>48</b>
<b>Result</b>	<b>JRF(NET)-CSIR</b>
CSIR HRDG is not responsible for any inadvertent error that may have crept in the result being published on internet.	



# GATE 2019 Scorecard

## Graduate Aptitude Test in Engineering

Candidate's Details

Name

SHIRSHA SAHA

Registration Number

BT19S45022194

Examination Paper

Biotechnology (BT)



Shirsha Saha

(Candidate's Signature)

Performance

Marks out of 100\*

52.33

Valid from March 17, 2019 to March 16, 2022

Qualifying Marks\*\*

35.9

32.3

23.9

All India Rank in this paper

167

General

OBC (NCL)

SC/ST/PwD

GATE Score

603

Number of Candidates  
Appeared in this paper

9348

\* Normalized marks for multi-session papers

\*\* A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned for the category for which valid category certificate, if applicable, is produced along with this scorecard.

N. J. Vasa

Prof. Nilesh J. Vasa

March 17, 2019

Digital Fingerprint: 108ee78ca79e1b2153c383de604b931b

Organizing Chairman, GATE 2019  
(on behalf of NCB - GATE, for MHRD)



The GATE 2019 score is calculated using the formula

$$GATE\ Score = S_q + (S_t - S_q) \frac{(M - M_q)}{(\bar{M}_t - M_q)}$$

where,

$M$  is the marks obtained by the candidate in the paper, mentioned on this GATE 2019 scorecard

$M_q$  is the qualifying marks for general category candidate in the paper

$\bar{M}_t$  is the mean of marks of top 0.1% or top 10 (whichever is larger) of the candidates who appeared in the paper (in case of multi-session papers including all sessions)

$S_q = 350$ , is the score assigned to  $M_q$

$S_t = 900$ , is the score assigned to  $\bar{M}_t$

In the GATE 2019 score formula,  $M_q$  is 25 marks (out of 100) or  $\mu + \sigma$ , whichever is greater. Here  $\mu$  is the mean and  $\sigma$  is the standard deviation of marks of all the candidates who appeared in the paper.

Qualifying in GATE 2019 does not guarantee either an admission to a post-graduate program or a scholarship/assistantship. Admitting institutes may conduct further tests and interviews for final selection.

**Codes for XE and XL Paper Sections (compulsory section and any other two sections)**

**XE: Engineering Sciences**

A - Engineering Mathematics (compulsory)

B - Fluid Mechanics

C - Materials Science

D - Solid Mechanics

E - Thermodynamics

F - Polymer Science and Engineering

G - Food Technology

H - Atmospheric and Oceanic Sciences

**XL: Life Sciences**

P - Chemistry (compulsory)

Q - Biochemistry

R - Botany

S - Microbiology

T - Zoology

U - Food Technology

Graduate Aptitude Test in Engineering (GATE) 2019 was organized by Indian Institute of Technology Madras on behalf of the National Coordination Board (NCB) - GATE for the Department of Higher Education, Ministry of Human Resource Development (MHRD), Government of India.





**St. Xavier's College (Autonomous), Kolkata.**

**CERTIFICATE OF MERIT**

**FR. HENRI DEPELCHIN S.J. MEMORIAL GOLD MEDAL**

Awarded to

**SHIRSHA SAHA**

for securing highest marks in Semesters I - X  
in **Integrated M. Sc. Bio-Technology** of 2014-19.

16<sup>th</sup> January, 2020

*[Signature]*  
Principal  
St. Xavier's College  
(Autonomous)  
Kolkata-700 016



Ministry of Education  
Government of India



# The Prime Minister's Research Fellowship

## Ministry of Education, Government of India

This is to certify that

**Shirsha Saha**  
**(PMRF Id: 2300595)**  
**of**  
**IIT Kanpur**



With 19118279 has been awarded Prime Minister's Research Fellowship beginning from 01-09-2020.

The scholar has successfully completed the tenure of the fellowship as on 31-07-2024 as per the guidelines of the fellowship.

**Abhay Karandikar**

Director  
IIT Kanpur

**Deepa Venkitesh**

PMRF Implementation Team Lead  
Indian Institute of Technology Madras

**V.Kamakoti**

Convener  
National Co-Ordination Committee

Certificate Issued Date: 20-8-2024

This is a system-generated certificate with unique code, Hence no signature required





# SASTRA

ENGINEERING · MANAGEMENT · LAW · SCIENCES · HUMANITIES · EDUCATION

DEEMED TO BE UNIVERSITY

(U/S 3 of the UGC Act, 1956)

THINK MERIT | THINK TRANSPARENCY | THINK SASTRA



## SASTRA-SAROJ CHANDRASEKHAR MEMORIAL AWARD 2023

PRESENTED TO

**SHIRSHA SAHA**

THESIS ADVISOR: PROF. ARUN KUMAR SHUKLA

IN RECOGNITION TO HER DOCTORAL THESIS WORK IN  
STRUCTURAL INSIGHT INTO THE FUNCTIONAL DIVERSITY OF GPCRs

THIS DAY, FEBRUARY 28, 2023

PROF. S. VAIDHYASUBRAMANIAM  
VICE-CHANCELLOR