

Curriculum Vitae

❖ Personal details

Name : Veerendra Kumar
Father's Name : Vikram
Date of Birth : 28/10/1995
Gender : Male
Nationality : Indian
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Permanent Address : Village – Chak Nagla Beeja, Post – Tehriya,
Tehsil – Roopwas, District – Bharatpur,
State - Rajasthan, India, Pin code: 321302



❖ Educational Qualification

Class/Degree	Board/College/University	Percentage/ CGPA(10)	Passing year	Division
M.Sc. Maths	Central University of South Bihar, Gaya, Bihar	73.80	2020	First
B.Sc. (PCM)	M.S.J. Govt. PG College, Bharatpur, Rajasthan	68.07	2018	First
12 th (PCM)	BSER, Ajmer, Rajasthan	90.80	2015	First
10 th	BSER, Ajmer, Rajasthan	85.83	2013	First

❖ Work Experience

- **Course Hero Tutor/Subject Expert (10/06/2022- ongoing)**
Course Hero is an American Ed-Tech. company, which operates an online learning platform for students to access course-specific study resources. And my role (*Freelancer*) is to assist them to solve their queries/problems, they posted on the platform.
- **Mathematics Teacher (Sept 2020–Ongoing)**
Teaching mathematics to students of class 11th and 12th and coaching them to prepare their academic course and for various under graduation admission entrance exams.
- **Internship (05/07/2021–27/08/2021)**
Successfully completed 6 – weeks internship on “*Data Science and Machine Learning*” from the National Institute of Electronics and Information Technology, Chennai, Tamil Nadu, India.

❖ International Research Programs

- **International Research Outreach program (IROP) – 2022 (16/09/2022 – 17/10/2022)**
The IROP – 2022 was an outreach programme with mentorship from internationally acclaimed experts. Its goal is to improve student’s grasp in subject and to improve their research aptitude. The IROP – 2022 was organized by the Faculty of Mathematics – Informatics Teacher Education, Dong Thap University, Dong Thap Province, Vietnam.
- **International Summer Program 2021 (13/07/2021– 21/07/2021)**
Participated in the “*International Summer Program 2021*” organized (virtual/online mode) by the Graduate School of Science, Osaka University, Osaka, Japan.
Note: There was *no certificate* of completion/participation by the Osaka University, Japan.

❖ Research Interest

- Graph Theory
- Number Theory

❖ Computer Skills

- MS Word, MS Power Point
- Python Programming

❖ Mathematical Software

- LATEX
- Sage Math

❖ Languages Known

- Hindi
- English
- German A1 Level

❖ Awards

- ***"DST - INSPIRE Scholarship"*** awarded by the Department of Science and Technology, Govt. of India, New Delhi, India during my Bachelor's and Master's degree.
- ***"DST – INSPIRE Fellowship"*** awarded by the Department of Science and Technology, Govt. of India, New Delhi, India.

❖ Project/Dissertation (20/07/2019 – 13/08/2020)

- Successfully completed a project entitled ***"Study of Some Diophantine Equations"*** under the supervision of Dr. Rajesh Pratap Singh, Assistant Professor, Department of Mathematics, Central University of South Bihar, Gaya, Bihar, India.

❖ Summer & Winter Schools

- Participated in the winter school on ***"Algorithms for Graphs and Games 2022"*** organized by the Department of Computer Sciences & Engineering, Indian Institute of Technology, Jodhpur, Rajasthan, India during December 05-11, 2022.

❖ Conferences presentation & participation

- Delivered a presentation entitled ***"Applications of ODEs and PDEs in Real-World Problems"*** in a National Conference on 'Mathematical Modelling, Methods and Computation in Science and Engineering (MMMCSE–2019)' organized by the National Institute of Technology,

Raipur, India during October 19-20, 2019. The presentation was based on my undergrad knowledge to improve my presentation skills. The main purpose of the presentation was to attend the conference as a listener only. It was not my original work.

- Participated in ***“Virtual Maths Fest 2020”*** organized by the Institute of Mathematical Sciences, Chennai, India during July 20-26, 2020.
- Participated in an international conference on ***“Advances in Mathematics and Computing”*** organized by the Veer Surendra Sai University of Science and Technology, Sambalpur, Odisha, India during February 07-08, 2020.
- Participated in an international conference ***“Number Theory Online”*** organized by the University of Pisa, the Sapienza University of Rome, and the University of Parma on February 18, 24, and March 04, 2021.
- Participated in an online International ***“Heilbronn Annual Conference”*** organized by the Heilbronn Institute for Mathematical Research, University of Bristol, U.K. during September 10-11, 2020.

❖ Workshops

- Participated in a workshop on ***“History of Mathematics Before 16th Century”*** organized by the National Academy of Sciences India (NASI), Prayagraj (Allahabad), India during December 30–31, 2019.
- Participated in ***“Science Leadership Workshop”*** jointly organized by all the Indian science academies namely Indian Academy of Sciences (IAS), Bangalore, Indian National Science Academy (INSA), New Delhi, National Academy of Sciences India (NASI), Allahabad, and Indian National Young Academy of Sciences (IN-YAS), New Delhi during June 22-28, 2020.
- Participated in a national workshop on ***“Interview Skills”*** organized by Dr. B.R. Ambedkar National Institute of Technology, Jalandhar, Punjab, India during June 15-16, 2020.
- Participated in a workshop on ***“Basics of Python Programming”*** organized by the Mathematics and Computing Society, Indian Institute

of Technology (Banaras Hindu University), Varanasi, Uttar Pradesh, India during September 21-23, 2022.

❖ Short Term Training Programs

- Successfully completed a short term training course on Computational Software *"MATLAB & MATHEMATICA"* organized by SVNIT, Surat, Gujarat, during October 05-09, 2020.
- Successfully completed a one-week short term course on *"Academic Writing using LATEX "* organized by SVNIT, Surat, Gujarat, during January 04-08, 2021.

❖ National / International Competition

- Participated in the pre-final round of *"International Youth Math Challenge 2020"*.
- Participated in pre-final round of a national level quiz contest on *"National Science Day"* organized by NIT, Srinagar, India.

❖ Networks & Memberships

- Life time member of the *"Indian Society of Industrial and Applied Mathematics (ISIAM)"* with Membership ID No. 'K-129'.
- Life time member of the *"All India Council for Technical Skill Development"* with Membership ID No.: AICTSD/STUDENT/32153.
- Life time member of the *"Academy of Discrete Mathematics and Applications (ADMA)"* with Membership ID No.: 516.

❖ Other Courses

- Successfully completed a 12-week online course on *"German I"* from the Indian Institute of Technology, Madras during Jan-April, 2020.
- Successfully completed a 08-week online course on *"Matrix Analysis with Application"* from the Indian Institute of Technology, Roorkee during August-October, 2019.
- Successfully completed 80-hours course on *"Course on Computer Concepts (CCC)"* from the National Institute of Electronics and Information Technology (NIELIT), New Delhi.

I confirm that the information provided above is accurate to best of my knowledge.

Date: 12/01/2023

Signature

A handwritten signature in black ink on a light pink background. The signature is stylized, starting with a horizontal line, followed by a series of loops and a final vertical stroke.

Place: Bharatpur, Raj.

Veerendra Kumar