

## CURRICULAM VITAE

**DR. B. CHANDRASEKHAR**  
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### PROFESSIONAL OBJECTIVE:

To Continuously enhance my knowledge, skills and experience by getting involved in challenging work environment and utilize them for personal and organizational growth to the best of my ability.

### ACADEMIC QUALIFICATIONS:

QUALIFICATION	NAME OF THE INSTITUTE	BOARD / UNIVERSITY	YEAR OF PASSING	PERCENTAGE
SSC	St. Mary's English Medium School, Kurnool	Board of Secondary Education	1998	71.16%
Intermediate MPC	Government Junior College (Town), Kurnool	Board of Intermediate Education	2000	67.4%
B.Sc. (Maths, Physics, Computers)	Osmania Degree College, Kurnool	Sri Krishna Devaraya University, Anantapur	2003	80.11%
B. Ed (Mathematics and English)	Ushodaya College of Education, yemmiganur, Kurnool.	Sri Krishna Devaraya University, Anantapur	2005	56.7%
M.Sc. Mathematics	SKU PG Centre, Kurnool.	Sri Krishna Devaraya University, Anantapur	2008	75.45%
M.A English	Sri Pratibha Study Centre, Kurnool	Sri Venkateshwara University, Tirupati	2013	60.5%

<b>Ph.D.</b> Mathematics	GITAM University	GITAM University	2025	Awarded in March 2025
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### **ACADEMIC ACHIEVEMENT:**

- Qualified **SET-TS &AP 2014** in Mathematical Sciences conducted by Osmania University, Hyderabad held on 15 February 2015.
- Qualified **AP TET-2018** in Mathematics conducted by School Education, Government of Andhra Pradesh.
- Completed Swayam Online Certificate course on **Research Ethics** with a consolidated score of 70% held in month of February 2022.
- Completed NPTEL Online Certificate course on **Introduction to Research** with a consolidated score of 76% held in month of April 2022.
- Attended Faculty Development Programme on **QT-02 Foundations of Quantum Technologies (3 credits equivalent)** organized by Electronics and ICT Academy, MNIT Jaipur and AP State Council for Higher Education.
- Attended Faculty Development Programme on **QT-03 & QT-04 Basic Quantum Programming and Technologies Lab (3 credits equivalent)** organized by Electronics and ICT Academy, MNIT Jaipur and AP State Council for Higher Education.

### **TECHNICAL SKILLS:**

- Operating systems : Windows XP, 7
- Packages : MS Office
- Type writing : English Lower

### **WORK EXPERIENCE:**

- Worked as a lecturer in Mathematics in Sri Sankara's Degree College, Kurnool from June 2008 to April 2016.
- Worked as a Guest Lecturer in Department of mathematics, Rayalaseema University, Kurnool from July 2009 to April 2016.
- Worked as a Guest Lecturer in Department of Mathematics, Osmania Degree College, Kurnool from July 2016 to November 2022.
- Working as a Lecturer in Mathematics in St. Joseph's Degree College, Kurnool from June 2016 to till date.
- Member in "Career Guidance Cell" in St. Joseph's Degree College, Kurnool from August 2020.
- Member in "Institution's Innovation Cell" in St. Joseph's Degree College, Kurnool from March 2022.

### **PERSONAL SKILLS:**

- Positive attitude in facing new challenges
- Good communication skills, problem solving capacity
- Confident and Hard work

### **RESEARCH PUBLICATIONS:**

- Published a Paper titled “Thermodiffusion and chemical reaction on MHD free convective flow past a rotating vertical porous plate with constant heat and mass discharge” in Heat Transfer Journal, 2022, 51(4), 3142-3165.
- Published a Paper titled “Chemical reaction impacts the unsteady MHD convective flow of an incompressible viscous fluid past an infinite vertical porous plate” in Heat Transfer Journal, 2022, 52(2), 1474-1496.
- Published a Paper titled “Changeable Heat and Mass transport on Unsteady MHD convective flow past an infinite vertical porous plate” in Journal of Heat and Mass Transfer Research, 2023, 10(2), 207-222
- Published a Paper titled “Chemical reaction, Thermal radiation and Newtonian heating impacts on Unsteady MHD Rotating Casson fluid flow past an infinite vertical porous plate” in International Journal of Applied and Computational Mathematics, 2024, 10(6), 157
- Published a Paper titled “Chemical reaction, Soret and Dufour impacts on Magneto-hydrodynamic convective Casson fluid over a vertical absorbent plate with ramped wall temperature and ramped surface concentration” in Proceedings of the Institution of Mechanical engineers, Part E: Journal of Process Mechanical Engineering, 2024.
- Published a Paper titled “Radiation effects on unsteady MHD convective flow of an incompressible viscous fluid via an impulsively initiated vertical plate through porous medium” in Power System technologies, 48(4), 2024, 569-577
- Published a Paper titled “The Costly Journals Index: An Importance for Future Research” in International Journal of Innovative Engineering and Sciences (IJIES), 2025, 12(11), 32-36.

### **CONFERENCES ATTENDED:**

- Presented a Paper in the Two-Day National Conference on “Mathematical and Statistical Techniques in Engineering Research-2021” conducted by MVSR Engineering College, Hyderabad.
- Presented a Paper titled “Analytical study on Unsteady MHD Convective flow past porous medium past an infinite vertical plate” at the International Conference on Recent Development in Mathematics (ICRDM 2022) held at Canadian University Dubai, Dubai, UAE during August 24-26, 2022.
- Presented a paper titled “Chemical reaction, Thermal radiation and Newtonian heating impacts on Unsteady MHD Rotating Casson fluid flow past an infinite vertical porous surface” in International Conference on Applied Mathematics (ICAM 2024) Organized by Department of Applied Mathematics Vidyasagar University Midnapore-721102, West Bengal, India

## **SEMINARS/WEBINARS/WORKSHOPS/TRAINING PROGRAMMES ATTENDED:**

- One Day State Level workshop on “UG First year mathematics curriculum under CBCS” organized by Silver Jubilee college, Kurnool.
- Two days’ workshop on “Challenges in Data Science and M.Sc. (Data Science) Course Curriculum Development” organized by Department of Computer Science, Rayalaseema University, Kurnool.
- Webinar on “Employability Skills in Curriculum Design” on 20<sup>th</sup> April 2020 organized by Audisankara College of Engineering and Technology.
- National level FDP – Webinar conducted on 02 May 2020 on “Fundamentals of Writing a Research paper” organized by St. Ann’s Degree and PG college for women, Hyderabad.
- Five days online workshop on “Mathematical Sciences for CSIR-NET/SET/GATE” from May 11 – 15, 2020 organized by Department of Mathematics, Shree Narayana Guru College, Coimbatore.
- One Week National Online FDP on “ICT tools for Effective Teaching Learning” from May 11<sup>th</sup> to 16<sup>th</sup> May 2020 organized by School of Mathematical Sciences, Swami Ramanand Teertha Marathwada University, Nanded.
- International Webinar on “How to write a Research Paper” organized by Department of Mathematics, KLE Society’s Science and Commerce College, Kalamboli, Navi Mumbai, Maharashtra held on 14<sup>th</sup> May 2020.
- Two Day National Level FDP Program on “How to become a teacher 2.0” by North Strom Academy held on 13<sup>th</sup> and 14<sup>th</sup> May 2020.
- Three days National level online course on “Operations Research” from 18<sup>th</sup> May 2020 to 20<sup>th</sup> May 2020 organized by Department of Mathematics, Virudhunagar Hindu Nadar’s’ Senthikumara Nadar College, Tamil Nadu.
- Webinar on “Applications of Linear Algebra in Computer Science” organized by Department of Mathematics and Statistics, Bhavan’s Vivekananda College, Secunderabad held on 23<sup>rd</sup> May 2020.
- One week FDP on “Latex and Technical Report Writing” from 25<sup>th</sup> May to 30<sup>th</sup> May 2020 organized by Department of Mathematics, Kakatiya University, Warangal, Telangana in association with Spoken Tutorial, IIT Bombay.
- One Day National Level Leadership Webinar on “Pathway to Permanence by Empowering, Equipping and Engaging Influencers – Post Lockdown” organized by Department of Business Communication of Nirmala Foundation College of Commerce

and Science, Mumbai in collaboration with Habitat for Humanity India held on 26<sup>th</sup> May 2020.

- National Webinar on “Applications of Mathematics” on 27<sup>th</sup> May 2020 organized by St. Pious X Degree and PG college for women, Hyderabad.
- National Level Webinar on “Behavioural Changes in the Post Covid-19 Era” held on 28<sup>th</sup> May 2020 organized by the Social Transformation Centre, Madhuri Kamaraj University, Madurai.
- One Week National Level Online Course on “Operations Research for Industry and Community Development” from 27<sup>th</sup> May 2020 to 02 June 2020 organized by Department of Mathematics, Besant Theosophical College, Madanapalle, Andhra Pradesh.
- Three-day workshop on “NAAC Assessment and Accreditation: A Step-by-Step process” organized by Gates Institute of Technology, held during 28<sup>th</sup> May to 30<sup>th</sup> May 2020.
- Two days’ international webinar on “Fluid Dynamics and its Applications” organized by Department of Mathematics, Government First Grade College, Bengaluru, held on 28<sup>th</sup> May and 29<sup>th</sup> May 2020.
- Webinar on “Optimization for a Function of Several Variables” held on 28<sup>th</sup> May 2020 conducted by Department of Humanities and Sciences, CMR Engineering College, Hyderabad.
- Online FDP on “NTA UGC SET NET Paper 1- Numerical Aptitude Training” from 01 June 2020 to 06<sup>th</sup> June 2020 conducted by Department of Mathematics, Parvathy’s Arts and Science College, Dindigul.
- National Webinar series on “Knowledge Generation in Education during Covid-19 Pandemic – Qualitative Research” held on 1<sup>st</sup> June to 6<sup>th</sup> June 2020 organized by Bombay Teachers’ Training College, HSNC University, Mumbai and Department of Education, University of Mumbai.
- National Webinar on “Fractals via Fixed theory” organized by Jayaraj Annapackiam College for women, Periyakulam, Theni district, held on 3<sup>rd</sup> June 2020.
- Two Day Webinar Programme on “New Directions in Applied Mathematics” on 3<sup>rd</sup> and 4<sup>th</sup> June 2020 organized by Department of Mathematics, Annamalai University.
- A Two-Day Webinar on “ICT in Teaching – Learning Mathematics” organized by Aurora’s Degree and PG College held on 7<sup>th</sup> June and 8<sup>th</sup> June 2020.

- One day National webinar on “Significance of Biodiversity for Environment Protection” conducted by Ramachandra Chandravansi University, Palamu, Jharkhand held on 05<sup>th</sup> June 2020
- One week FDP on “Modern Teaching Evaluation and Research Methods” under UGC Scheme, Stride component-1 organized by Vinayaka Rao Patil Mahavidyalaya, Vaijapur, Aurangabad from 2<sup>nd</sup> June to 07<sup>th</sup> June 2020.
- Webinar on “Applications of Differential Equations” organized by Department of Mathematics, Kongunadu Arts and Science College, Coimbatore on 04<sup>th</sup> June 2020.
- Two Day Multidisciplinary International Webinar on “Impact of Covid-19 on Human Health, Environmental Perspectives World Economy, Technology and Future of Education” on 05<sup>th</sup> and 06<sup>th</sup> June 2020.
- One week FDP on “Institutional Benchmarking of Best Practices” from 8<sup>th</sup> June to 14<sup>th</sup> June 2020 organized by Dayan Prabodhini Mandal’s Shree Mallikarjun and Shri Chetan Manju Desai College, Canacona.
- Online National Workshop on “Academic Process, Measures and Metrics of TEI for NAAC-RAF” organized by IQAC of V.O.C College of Education, Thoothukudi, Tamil Nādu from 8<sup>th</sup> June to 14<sup>th</sup> June 2020.
- One Week Online FDP on “Taxonomy of Software’s Related to Mathematical Sciences” during 9<sup>th</sup> June to 14<sup>th</sup> June 2020 organized by Gokaraju Ranga Raju Institute of Engineering and Technology, Hyderabad, Telangana.
- Two Day National Webinar on “Applications of Mathematical Sciences in Real life” on 13<sup>th</sup> and 14<sup>th</sup> June 2020 organized by Department of Mathematics and Statistics and IQAC, Mrs.A.V.N College, Visakhapatnam.
- One Day National Level Webinar on “Documentation for Data Verification and validation and Peer Team Visit NAAC” organized by Internal Quality Assurance Cell of Mahatma Phule Mahavidyalaya, Kingaon on 15<sup>th</sup> June 2020.
- International Webinar on “Emerging Trends in Graph Theory” organized by P.G. and Research Department of Mathematics, Sacred Heart College, Tirupattur, Tamil Nādu.
- Two Day International Webinar on “Recent Advances in Mathematics and Covid-19” organized by St. Joseph’s College for women(A), Visakhapatnam, Andhra Pradesh in association with UASMS and SMSMS on 15<sup>th</sup> June and 16<sup>th</sup> June 2020.
- National Webinar on topic “Analysis of Mathematical Sciences and it’s Applications” organized by Department of Mathematics, Institute of Science and Laboratory Education, IPS Academy, Indore, Madhya Pradesh from 15<sup>th</sup> June to 16<sup>th</sup> June 2020.

- National webinar on “Topological Indices-Worm’s View” organized by St. Joseph’s College of Arts and Science on 17<sup>th</sup> June 2020.
- National Webinar on “Learn LATEX: To Learn the Latest” organized by IQAC, Department of Mathematics, R.R. Lahoti Science College, Morshi.
- Two Day Webinar on “Fostering Interdisciplinary Research in Applied Sciences” organized by Department of Mathematics, Periyar Government Arts College, Cuddalore, Tamil Nādu during 19<sup>th</sup> and 20<sup>th</sup> June 2020.
- Three day online short term training programme on “LATEX for Everyone” organized by Ramarao Adik Institute of Technology, Nerul, Navi Mumbai from 18<sup>th</sup> June to 20<sup>th</sup> June 2020.
- Webinar on “MATLAB Programming on Differential Equations” conducted by Division of Mathematics, Department of Science and Humanities, VFSTR, Vadlamudi, Guntur, Andhra Pradesh, from 20<sup>th</sup> June 2020 to 21<sup>st</sup> June 2020.
- International Webinar on “Laplace Transform and its applications” on 22 June 2020 organized by Department of Humanities and Sciences by Malla Reddy Institute of Technology and Science.
- Five Days e-Workshop on LaTeX, organized by the Department of Mathematics, School of Sciences, GITAM University, Bengaluru, India, held from 5<sup>th</sup> to 9<sup>th</sup> July 2021.
- International Symposium on “Mathematical Sciences and their Application: MSATA-2022” organized by Department of Applied Mathematics, Yogi Vemana University, Kadapa on 28<sup>th</sup> and 29<sup>th</sup>, January-2022
- Webinar on “Non-Linear Differential Equations and Fluid Dynamics Applications in Engineering Sciences” organized by the Department of Humanities and Sciences (Mathematics and Statistics), CVR College of Engineering, Hyderabad, Telangana on 12<sup>th</sup> to 14<sup>th</sup> May 2022.
- Participated in the “Online Impact Lecture Series-II” sponsored by MHRD’S Innovation Cell, AICTE, organized by Institution’s Innovation Cell (IIC), University College of Engineering, Adi Kavi Nannaya University, Rajamahendravaram on 21<sup>st</sup> July 2022.
- National e-conference on “Implementation of NEP in Higher Education Institutions” organized by Internal Quality Assurance Cell of St. Pious X Degree and PG College for women, Hyderabad on 14<sup>th</sup> and 15<sup>th</sup> October 2022.

**PERSONAL PROFILE:**

Name : B. CHANDRA SEKHAR  
Sex : Male  
Date of birth : 09-10-1982  
Father's name : B. NANJAPPA  
Mother's name : B. RAJAMMA  
Nationality : Indian-Hindu  
Marital Status : Married  
Languages known : English, Telugu, Hindu, Kannada

**DECLARATION:**

I hereby declare that the information provide above is true to the best of my knowledge and belief.

**Place: KURNOOL**

Date:

**(B. CHANDRASEKHAR)**