

**Dr.Raju Dindigala**  
**HOD & Associate Professor of Mathematics**  
**Dept.of S &H**  
**JB Institute of Engineering & Technology (Autonomous)**  
**Hyderabad**  
Reach me: [dr.rajumathshod@jbiet.edu.in](mailto:dr.rajumathshod@jbiet.edu.in), [20122102india@gmail.com](mailto:20122102india@gmail.com),  
**9908621213**



**Dr.Raju Dindigala** received his **B.Sc** degree from Kaktiya University, Warangal and **M.,Sc (Mathematics)** post Graduation degree from **Osmania University** in 1993 & 1995, **M.C.A.** from Kakatiya University in 1998 and **M.Phil (Mathematics)** from MKU Chennai respectively. He has completed his **Ph.D (Mathematics)** from Department of Mathematics, **Osmania University**, Hyderabad in 2011; He served as Assistant Professor, Associate Professor & Professor in various Engineering Colleges Like Dr.VRK Engineering College, MVSR Engineering College, UCE (A), Osmania University, RVRIT, VJIT (A) Engineering College and LIET (A). Presently he is working as **HOD** and Associate Professor in S& H at JB Institute of Engineering & Technology (Autonomous), Hyderabad, India since August, 2024. He has 27 years of teaching experience. He has more than **25** research papers in different National and International journals like Scopus, Web of Science, Science Indexed and UGC Journals. He published **5** books for Engineering & B.Sc Students and **3** more books are in publishing mode. He has published **6** Patents by Indian patent office & UK. He has **One** Grant from United Kingdom (UK). He completed & submitted his **Minor Research Project** from UGC. Ratified as Associate Professor from JNTU (H) in 2018. He is a **Editorial Board Member** and **Peer-reviewed Committee Member** for Several National and International Journals. He is working as a **BOS Member** for several Engineering Colleges in Telangana. He got international Best **Researcher Award**. And also Received **Best Inspiring Teacher award** in the year 2016. And also he is a **Paper setter** for Several Engineering Colleges. He presented several Research papers in National and International Conferences, Symposiums, Seminars. He conducted Seminars, Conferences and FDP's. He completed **35** Online Certification Courses, Webinars & Conferences.

### 1. Academic Qualifications:

- Ph.D** (Mathematics) from Osmania University, Hyderabad in 2011.
- M.Phil** from MKU, Tamilnadu in 2006.
- M.C.A** from Kaktiya University, Warangal in 1998.
- M.Sc** (Mathematics) from Osmania University, Hyderabad in 1995.
- B.Sc (M.P.C)** from Kaktiya University, Warangal in 1993.

- Ph.D Thesis:** Solving of some generalized Thermo elastic Models.

### 3. Experiences:

- Presently working as a **HOD & Professor** of Mathematics in the Department of S&H at **JB Institute of Engineering & Technology (Autonomous)**, NAAC&NBA accredited, Hyderabad, India from August 2024- till date.
- Served as an Professor in the Department of Mathematics S&H at **LIET (Autonomous)**, NAAC & NBA accredited, Hyderabad, India from July 2022- July2024.
- Served as an Professor in the Department of Mathematics S&H at **VJIT (Autonomous)**, NAAC & NBA accredited), Hyderabad, India from August 2008 – June 2022.
- Served as an Associate Professor In the Department of Mathematics S&H at **RVRIT**, Hyderabad, India from July 2007 – July 2008.
- Served as an Assistant Professor in the Department of Mathematics S&H at **University College of Engineering, UCE (Autonomous), Osmania University**, Hyderabad, India from September 2002 – June 2007.
- Served as an Assistant Professor in the Department of Mathematics S&H at **M.V.S.R. Engineering College**, Nadargul, Hyderabad, India from August 2001-August 2002.
- Served as an Assistant Professor in the Department of Mathematics S&H at **Dr.V.R.K Engineering College**, Jagtial, India from September 1997.- July 2001.

### 4. Research Experience:

- **18 years** of research experience.

### 5. Teaching Experience:

- **27 years** of teaching experience.

### 6. Administrative Experience :

- Serving as HOD, JBIT.
- Served as Advisor, NAAC, VJIT and LIET, Hyderabad.
- Served as NBA Coordinator, LIET, Hyderabad.
- Served as In charge HOD, S&H at VJIT and LIET, Hyderabad.
- Served as BOS Member for several Colleges, Hyderabad.
- Organized faculty Development Programmes.
- Worked as Anti-ragging Committee Member.
- Worked as Mentor for 1<sup>st</sup> B.Tech Students.

### 7. Industry Interaction:

- Working as Guest Lecture for Priyanka Degree College for Women.

## **8. Area of Teaching Assignments:**

- Engineering Mathematics – I
- Engineering Mathematics – II
- Engineering Mathematics III
- Engineering Mathematics IV
- Mathematical Methods.
- Probability & Statistics.
- Mathematical Foundation for Computer Science

## **9. Research Publications:**

- More than 25 Research papers published in National & International Journals including Scopus, Web of Science, UGC and SCI Journals.

## **10. Text Books:**

- Published 4 Text Books and 3 are Under Publishing Mode for B.Tech and B.Sc students.
- Published “Solving of Some Generalized Thermo elastic models” in 2020, with ISBN No: 978-620-0-54964-8, LAMBERT Academic Publishing, Germany.
- Published “Numerical Solutions to Some Generalized Thermoelstic Models” in 2020, with ISBN No: 978-620-0-58618-6, LAMBERT Academic Publishing, Germany.
- Published “Text book of B.Sc. Mathematics, Volume-II” as Third author in 2013. ISBN NO: 978-81-8371-539-3, SCITECH (INDIA) Pvt.Ltd. Publications.
- Published “Numerical Methods”, ISBN NO: 978-81-9210-348-8, SIRI Publishers & Distributors, as Second author in 2012.
- “Text book of B.Sc. Mathematics, Volume-II” (Publishing Mode)
- Differential Calculus (Publishing Mode)
- Engineering Mathematics – III (Publishing Mode).

## **11. Grants:**

- Published by International Patent & Grant By United Kingdom(UK) :  
Design: Smart Device for Mental Health Assessment Filling Date: 11-04-2024

## **12. Patents:**

- Title of Invention: “Method for Diagnose Medical Problem through Medical Image Processing Using Big Data and Machine Learning”.  
Application Number: 202031019607

Publication Date: 12/06/2020.

- Title of Invention: “A New Local Multiscale Fourier Transform Based Image Processing Methodology for Scan Images”.

Application Number: 202141037914

Publication Date: 24/09/2021.

- Title of Invention: “Image Reconstruction Method via Iterative Linear Interpolation Using Verge Points”.

Application Number: 202141038028.

Publication Date: 24/09/2021.

- Title of Invention: “A Machine Learning Based Approach for Early Prediction of Neurodegenerative Disorder”.

Application Number: 20224101703.

Publication Date: 08/04/2022.

- Title of Invention: “A Machine Learning Based Approach to study the Impact Antibiotics on Toddlers Using Their Primary Health Related Data”.

Application Number: 202241017724.

Publication Date: 08/04/2022.

### **13. Research Projects:**

- Completed **UGC Minor Research Project** in 2018.
  - Title: “Numerical Solutions to Some Generalized Thermo elastic Models”.

### **14. International Journal Editorial Board Member:**

- IJRSET
- IJATEE
- IJSER (UGC approved)
- IJCOT
- IJAET (Advisory Board Member)
- IJESRT (Promotional Editor) (UGC approved)
- IJSER
- IJOAR

- IJETR (Advisory Board Member)
- IJRSET (UGC approved)
- IJATEE (UGC approved)
- IJSRP
- ISAET (Scientific Technical Committee)
- IJERT
- APM (Guest Reviewer)
- IJAEGT

### 15. International Journal Reviewer:

- International Journal of Innovative Research in Science, Engineering and Technology. (**IJRSET**)
- International Journal of Mathematical Engineering and Science. (**IJMES**)
- Journal of Applied & Computational Mathematics. (JACM)
- International Journal of Advanced Engineering and Global Technology. (**IJAEGT**)
- International Journal of Scientific Engineering and Research .(**IJSER**)
- International Journal of Engineering Research & Technology.(**IJERT**)

### 16. Paper Presentations International/National Conferences/ Symposium/Seminars:

- MHD Chemically Reacting Viscoelastic Fluid Past an Impulsively Started Infinite Vertical Plate With Heat and Mass Transfer Effect, IUSe- 2024, **Maulana Azad National Urdu University(Central University)** , Gachibowli, Hyderabad, March 4<sup>th</sup> & 5<sup>th</sup> , 2024.
- MHD Flow through Porous Medium Past an Exponentially Accelerated Inclined Plate with Variable Temperature and Chemical Reaction Effects, (ICASEM), LIET, Hyderabad, November 18<sup>th</sup> and 19<sup>th</sup> 2022.
- Radiation and Mass Transfer Effects on MHD flow of an Elasto-Viscous Fluid in an infinite vertical plate: Finite Difference Method, (NCMSA), **UCS, Osmania University, Hyderabad**, July, 30<sup>th</sup> and 31<sup>st</sup> 2018.
- A Two Species Amensalism model with a linearly varying cover on the first species, (NCEMRTPAM), **Sri Padmavathi Mahila Visva Vidyalayam, Tirupathi**, August, 29<sup>th</sup> & 30<sup>th</sup> 2017.
- Thermo elastic Disturbances in Half space without Energy dissipation for the displacement, NCRTST-2015, **JNTUH College of Engineering, Karimnagar**, February, 25<sup>th</sup> & 26<sup>th</sup> 2015.
- Queuing Model Analysis of a Restaurant, REMMT-2014, **MGIT, Hyderabad**, April 3<sup>rd</sup> & 4<sup>th</sup> 2014.
- Temperature distribution in a circular disk heated by a rotating heat source, **JBREC**, March, 19<sup>th</sup> & 20<sup>th</sup> , 2014.
- Presented the Paper in the Inter National Conference “Next Generation Education for Entrepreneurial Engineers” (ICNGE) Organized by Center for Entrepreneurial Development, **SR Engineering College, Warangal**, 10 & 11<sup>th</sup>, March, 2014.
- Generalized Thermo elastic Models Concerning Semi-Infinite Rods in the Inter National Conference on Recent Advances in Mathematics (ICRAM 2014) Organized by Department of Mathematics, **Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur**, 20-23, January 2014.

- A Dynamical Problem of Generalized Thermo elasticity with Plus Type Heat Flux in XX CONGRESS & National Conference of Andhra Pradesh Society for Mathematical Sciences (APSMS) On “Mathematical Modelling and Simulation” Organized by Department of Humanities and Sciences, Swarna Bharathi Institute of Science and Technology (SBIT), Khammam, during 09 – 11 December, 2011.
- Analysis of Rest Points of Autonomous Systems in the Plane in the National Symposium on Mathematical Methods and Applications (NSMMA-2010) Organized by Department of Mathematics, **Indian Institute of Technology (IIT)**, Madras, on 22<sup>nd</sup> December, 2010.
- Autonomous Differential Equation and the Limiting behavior of its Solution in the International Conference on Recent Development in Mathematical Sciences and Their Applications, Organized by Calcutta Mathematical Society (ICRDMA-2010), **Calcutta**, during 09 – 11 December, 2010.
- Presented the Paper entitled “Hygro Thermal Stresses in Un Symmetric Laminates” in XIX CONGRESS & National Conference of Andhra Pradesh Society for Mathematical Sciences (APSMS) On Mathematical Aspects of Cryptography and Network Security Organized by Department of Mathematics Jyothishmathi Institute of Technology & Science, Karimnagar, during 12 – 14 November, 2010.

### **17. Conducted International/National Conferences/Symposium/Seminars:**

- Organizer for Cognition 3R - Techno Quiz Contest in Memory of “Famous Indian Scientists C.V. Raman – S.A. Ramanujan – P.C. Ray” Organized by the Department of Mathematics, Vidya Jyothi Institute of Technology, Hyderabad, on December, 20, 2014.
- Convener for Cognition 3R - Techno Quiz Contest in Memory of “Famous Indian Scientists C.V. Raman – S.A. Ramanujan – P.C. Ray” Organized by the Department of Mathematics, Vidya Jyothi Institute of Technology, Hyderabad, on December, 20, 2013.
- Co-Convener for Faculty Development Programme on “Role of Mathematics in Engineering” Organized by the Department of Mathematics, Vidya Jyothi Institute Of Technology, Hyderabad, during 15 – 20 July, 2013.
- Co-Convener for Techno Quiz Contest in Memory of “Famous Indian Scientists C.V. Raman – S.A. Ramanujan – P.C. Ray” Organized by the Department of Mathematics, Vidya Jyothi Institute of Technology, Hyderabad, on March 16, 2013.
- Co-Convener for Faculty Development Programme on “Applications of Mathematics in Engineering Sciences” Organized by the Department of Mathematics, Vidya Jyothi Institute Of Technology, Hyderabad, during 04 – 05 September, 2011.
- Organized and Participated the National Seminar on “Environmental Pollution, Its Sources, Effects and Remedies” Organized by the Department of Humanities & Sciences, **Vidya Jyothi Institute of Technology, Hyderabad**, on 23<sup>rd</sup> March, 2011.

- Organized and Participated in the “National Seminar on Numerical Techniques” Organized by the Department

of Mathematics, U.C.E (A) – O.U., Hyderabad, during 3 – 4 August, 2007.

- Organized the Training Programme on “Training programme for Engineering Mathematics Teachers” Organized by the **University college of Engineering (A), O.U., Hyderabad**, on 22 - 23 December, 2006.

### **18. Area of Teaching Assignments:**

- Engineering Mathematics – I
- Engineering Mathematics – II
- Engineering Mathematics III
- Engineering Mathematics IV
- Mathematical Methods.
- Probability & Statistics.
- Mathematical Foundation for Computer Science.

### **19. ORIENTATION COURSE**

- Participated in the UGC Sponsored “**Orientation Course**” Of **University Grants Commission, Academic Staff College, Osmania University, Hyderabad**, A.P, during 25.06.2008 to 23.07.2008.

### **20. FACULTY DEVELOPMENT PROGRAMMES:**

- Completed an AICTE approved **Faculty Development Programme (FEX201X)** on “Pedagogy for Online and Blended Teaching-Learning Process” conducted by **Indian Institute of Technology, Bombay** from **May 3<sup>rd</sup> to 30<sup>th</sup>, 2018**.
- Completed an AICTE approved **Faculty Development Programme(FEX101X)** on “Foundation Program in ICT Education “conducted by **Indian Institute of Technology, Bombay** from **Mach 8<sup>th</sup> to April 12<sup>th</sup>, 2018**.
- 1-day FDP program in Aurora Degree and PG College on the topic “Challenges involved in Pursuing a career in the field of Mathematics” on 5<sup>th</sup> March 2015.
- **7 days FDP** program in VJIT on the topic “Role of Mathematics in Engineering” from **15<sup>th</sup> – 20<sup>th</sup>, July, 2013**.
- 2 days FDP Program in VJIT on the Topic “Applications of Mathematics in Emerging Sciences” on September 4<sup>th</sup> and 5<sup>th</sup>, 2012, Hyderabad.

## 21. Journal Publications:

### International Journal Publications:

- Radiation Effect on MHD Rotating Heat Transfer Fluid Past A Moving Vertical Plate, Journal of Xi'an University of Architecture & Technology, Vol 12, Issue: 2, 1006-7830, 2020. (Scopus & UGC).
- Finite Difference Techniques to Hall Current Effect and Rotation Effects on MHD Free Convection Heat and Mass Transfer Flow Past an Accelerated Vertical Plate, Adalya Journal, Vol 8, Issue: 12, 1301-2746, 2019. (Web of Science & UGC).
- Radiation Effect on Unsteady Flow Past an Accelerated Infinite Vertical Plate with Variable Temperature and Chemical Reaction, Journal of International Pharmaceutical Research, Vol 46, Issue: 4, 1674-0440, 2019. (Scopus).
- Finite Difference Analysis of Transient Free Convective MHD Heat Transfer Flow Through Porous Medium with Heat Generation, COMPUSOFT, An International Journal of Advanced Computer Technology, Vol.7, Issue:9, 2814-2819, 2018. (Scopus).
- Thermal Radiation and Viscous Dissipation Effects on an Oscillatory Heat and Mass Transfer Flow of a Viscoelastic Fluid with Ohmic Heating, International Journal on Recent and Innovation Trends in Computing and Communication, Vol:6 Issue:7, 54 – 65, 2321-8169, 2018. (Index Copernicus)
- MHD and Thermal Radiation Effects on Rotating Fluid Past A Moving Vertical Plate with Heat and Mass Transfer in The Presence of Chemical Reaction, Ohmic Heating, Vol: 6, Issue: 5, 205-212, 2321-9653, 2018. (Index Copernicus & Thomson's Reuter's).
- MHD Free Convective Heat Absorbing Newtonian Fluid with Variable Temperature, International Journal of Creative Research Thoughts, Vol.6, Issue: 1, 665-674, 2018. (Index Copernicus & Thomson's Reuters)
- Viscous Dissipation and Radiation Effects on Unsteady Free Convective Flow past a Moving Vertical Plate Embedded in a Porous Medium: Finite Difference Method, International Journal for Research in Applied Science & Engineering Technology, Vol.6, Issue: 1, 1760- 1768, 2018. (Index Copernicus & Thomson's Reuter's)
- Thermal Radiation and Dufour Effects on MHD Flow of Continuously Moving Vertical Surface with Heat Source, International Journal of Pure and Applied Researches, Vol.4, Issue: 1, 9-20, 2017. (UGC)
- MHD Chemically Reacting Viscoelastic Fluid Past an Impulsively Started Infinite Vertical Plate with Heat and Mass Transfer Effect, International Journal of Scientific Research and Reviews, Vol.6, Issue: 4, 17-28, 2017. (UGC & Copernicus 's)
- Heat and Mass Transfer to Unsteady MHD Viscoelastic Slip Flow through a Porous Medium with Chemical Reaction, International Journal on Future Revolution in Computer Science & Communication Engineering, Vol.3, Issue: 11, 07-16, 2017. (UGC & Thomson's Reuter's)



- Radiation and Mass Transfer Effects on MHD Flow of an Elasto-Viscous Fluid In An Infinite Vertical Plate: Finite Difference Method, International Journal of Mathematical Archive, Vol.8, Issue: 11, 55-64, 2017. (Index Copernicus)
- Peristaltic Pumping of a Jeffrey Fluid in an Inclined Channel with Heat Transfer under Velocity Slip Condition, Online International Interdisciplinary Research Journal, Volume-07, Issue: 02, 638-651, June 2017. (Index Copernicus 's)
- Generalized Thermoelastic Problem Concerning Semi-Infinite Rods, International eJournal of Mathematics and Engineering, Vol. 176, 1666-1679, 2012. (National).
- A Dynamical Problem of Generalized Thermo elasticity with Pulse Type Heat Flux, International Journal of Mathematical Sciences, Technology and Humanities, Vol.47, 480 – 488, 2012. (National).
- Generalized Thermoelastic Problem Concerning Semi-infinite Rods Problem of Step In Temperature, International J. of Math. Sci. & Engg. Appls, Vol.6, Issue: 6, 357-363, 2012. (National)
- Generalized Thermoelastic Problem Concerning Semi-Infinite Rods Problem of Step In Strain, International Journal of Engineering Research and Applications (IJERA), vol: 2, Issue:4, 2012. (UGC).
- Thermoelastic Disturbances in Half-Space without Energy Dissipation for the displacement, IOSR Journal of Engineering, Volume. 2, Issue: 7(July 2012), 15-20, 2102. (UGC).
- Thermoelastic Disturbances in a Half-Space without Energy Dissipation for the Temperature, International Journal of Engineering Research & Technology, Vol. 1 Issue 5, 1-12, 2012. (UGC).
- Thermoelastic disturbances in a half-space without energy dissipation, Pelagia Research Library, Advances in Applied Science Research, Vol.3, Issue: 6, 3610-3617, 2012. (Index Copernicus)
- Run-Up flow of a Rivlin-Ericksen Conducting Fluid through a Planar Channel Bounded By a Porous Bed under a Transverse Magnetic Field Darcy Lapwood Model, International Journal of Mathematical Sciences, Technology and Humanities, Vol.57, 616 – 634, 2012. (NATIONAL)
- Run-Up flow of a Rivlin-Ericksen Conducting Fluid through a Planar Channel with Porous Lining under a Transverse Magnetic Field - Brinkman Model, International eJournal of Mathematics and Engineering, Vol. 186, 1775 – 1789, 2012. (NATIONAL)

## 22. International/National Conferences/Symposium/Seminars:

### Paper Presentations:

- MHD Chemically Reacting Viscoelastic Fluid Past an Impulsively Started Infinite Vertical Plate With Heat and Mass Transfer Effect, IUSE- 2024, Maulana Azad National Urdu University(Central University) , Gachibowli, Hyderabad, March 4<sup>th</sup> & 5<sup>th</sup> , 2024.
- MHD Flow through Porous Medium Past an Exponentially Accelerated Inclined Plate with Variable Temperature and Chemical Reaction Effects, (ICASEM), LIET, Hyderabad, November 18<sup>th</sup> and 19<sup>th</sup> 2022.
- Radiation and Mass Transfer Effects on MHD flow of an Elasto-Viscous Fluid in an infinite vertical plate: Finite Difference Method, (NCMSA), UCS, **Osmania University, Hyderabad**, July, 30<sup>th</sup> and 31<sup>st</sup> 2018.
- A Two Species Amensalism model with a linearly varying cover on the first species, (NCEMRTPAM), **Sri Padmavathi Mahila Visva Vidyalyayam, Tirupathi**, August, 29<sup>th</sup> & 30<sup>th</sup> 2017.
- Thermo elastic Disturbances in Half space without Energy dissipation for the displacement, NCRTST-2015, **JNTUH College of Engineering, Karimnagar**, February, 25<sup>th</sup> & 26<sup>th</sup> 2015.
- Queuing Model Analysis of a Restaurant, REMMT-2014, **MGIT, Hyderabad**, April 3<sup>rd</sup> & 4<sup>th</sup> 2014.
- Temperature distribution in a circular disk heated by a rotating heat source, **JBREC**, March, 19<sup>th</sup> & 20<sup>th</sup>, 2014.
- Presented the Paper in the Inter National Conference “Next Generation Education for Entrepreneurial Engineers” (ICNGE) Organized by Center for Entrepreneurial Development, **SR Engineering College, Warangal**, 10 & 11<sup>th</sup>, March, 2014.
- Generalized Thermo elastic Models Concerning Semi-Infinite Rods in the Inter National Conference on Recent Advances in Mathematics (ICRAM 2014) Organized by Department of Mathematics, **Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur**, 20-23, January 2014.
- A Dynamical Problem of Generalized Thermoelasticity with Plus Type Heat Flux in XX CONGRESS & National Conference of Andhra Pradesh Society for Mathematical Sciences (APSMS) On “Mathematical Modelling and Simulation” Organized by Department of Humanities and Sciences, **Swarna Bharathi Institute of Science and Technology (SBIT), Khammam**, during 09 – 11 December, 2011.
- Analysis of Rest Points of Autonomous Systems in the Plane in the National Symposium on Mathematical Methods and Applications (NSMMA-2010) Organized by Department of Mathematics, **Indian Institute of Technology (IIT), Madras**, on 22<sup>nd</sup> December, 2010.
- Autonomous Differential Equation and the Limiting behavior of its Solution in the International Conference on Recent Development in Mathematical Sciences and Their Applications, Organized by **Calcutta Mathematical Society (ICRDMA-2010), Calcutta**, during 09 – 11 December, 2010.
- Presented the Paper entitled “Hygro Thermal Stresses in Un Symmetric Laminates” in XIX CONGRESS & National Conference of **Andhra Pradesh Society for Mathematical Sciences (APSMS)** On Mathematical Aspects of Cryptography and Network Security Organized by Department of Mathematics **Jyothishmathi Institute of Technology & Science, Karimnagar**, during 12 – 14 November, 2010.

### 23. Participated in International Journals / Conferences:

- Participated two days International Urdu Science Conference-2024 Organized by School of Science MANUU held on 4<sup>th</sup> and 5<sup>th</sup> March, 2024, Maulana Azad National Urdu University (Central University), Gachibowli, Hyderabad.
- Participated in the one Week Faculty Development Programme on “Effective teaching, Learning and Research”, Organized by Department of Science and Humanities in Collaboration with Institution Innovation Council-IC and Indian Mathematical Society, LIET(A), Hyderabad April, 17<sup>th</sup> – 22<sup>nd</sup>, April, 2023.
- Participated in the third International Conference on Advances in Science, Engineering & Management (ICASEM), LIET, Hyderabad, November, 18<sup>th</sup> -19<sup>th</sup> 2022.
- Participated in the two days (NCMSA), **UCS, Osmania University**, Hyderabad, July, 30<sup>th</sup> and 31<sup>st</sup> 2018.
- Participated in the two days (NCEMRTPAM), Sri Padmavathi Mahila Visva Vidyalyayam, **Tirupathi**, August, 29<sup>th</sup> & 30<sup>th</sup> 2017.
- Participated in the two days NCRTST-2015, **JNTUH College of Engineering**, Karimnagar, February, 25<sup>th</sup> & 26<sup>th</sup> 2015.
- Participated in **One-week** National Level Workshop on “Big Data Analysis”, Organized by **JNTUH, Karim Nagar**, 14<sup>th</sup> – 20<sup>th</sup> December, 2015.
- Participated in the Three days National Workshop “National Workshop on Recent advanced techniques in Fluid Dynamics”, Organized by Department of Mathematics, **UCS, Osmania University**, Hyderabad, 8<sup>th</sup> – 10<sup>th</sup> December, 2014.
- Participated in the Three days Workshop on, “21<sup>st</sup> Century Grand Challenges of Engineering, **VJIT**, Hyderabad, 15<sup>th</sup> – 17<sup>th</sup>, Sep, 2014.
- Participated **Two Week Certification Course Cum Instructional Symposium** on “Implementation of Finite Element Methods and Relevance of Mathematics to Real World”, Organized by **Department of Mathematics, Osmania University**, Hyderabad, 1<sup>st</sup> to 14<sup>th</sup>, August, 2014.
- Participated in the Two days “National Workshop on Active Learning & Project –Based Learning methods in Engineering”, Organized by Department of Mechanical Engineering, **VJIT**, Hyderabad, 14<sup>th</sup> – 15<sup>th</sup> July, 2014.
- Participated in the one Week Faculty Development Programme on “Mathematical Modeling and Simulation Techniques: Understanding the situation and suggesting the remedies for the same”, Organized by Department of Mathematics and Humanities, **CBIT** Hyderabad, 5<sup>th</sup> – 10<sup>th</sup> May, 2014.
- Participated in the one-day Faculty Development Programme on “Challenges involved in pursuing a career in the field of Mathematics: Understanding the situation and suggesting the remedies for the same”, Organized by Department of Mathematics, **Aurora’s Degree & PG College**, Hyderabad, 5<sup>th</sup> March, 2014.
- Participated in the Two-day Workshop on **COMPREHENSIVE MATLAB** held on 19<sup>th</sup> & 20<sup>th</sup> February 2014, Organized by Department of Electronics and Communication Engineering, **VJIT**, Hyderabad.
- Participated in XXII CONGRESS & National Conference of Andhra Pradesh Society for Mathematical Sciences (APSMS) On “Recent Trends in Applications of Mathematics” Organized by Department of Humanities and Sciences, **Anurag Group of Institutions**, Ranga Reddy, during 13 – 15 December, 2013.

- Participated in the National Conference on “Mathematical Applications In Emerging” (NCMAE) Organized by Department of Mathematics, **Vasavi College of Engineering**, Hyderabad, during 6-7, September, 2013.
- Participated in the two days Faculty Development Programme Organized by Department of Science and Humanities (Department of Mathematics), **Anurag Group of Institutions** 27 & 28 June, 2013.
- Participated in the one-day Programme on “Ramanujan Mathematical Awareness Programme” Organized by Department of Science and Humanities (Department of Mathematics), **Anurag Group of Institutions** on March 2, 2013.
- Participated in the “Workshop on Image and Speech Processing” (WISP – 2012) Organized by **International Institute of Information Technology (IIIT), Hyderabad**, 17<sup>th</sup>, December 2012.
- Participated in the One Day Workshop on “Mathematical Modelling in Real World Situations” Organized by the Department of Humanities & Sciences, G. Narayanamma Institute of Technology & Science (**GNITS**) (for Women), Hyderabad, on 5<sup>th</sup> February, 2011.
- Participated in the “National Conference on Recent Trends in Mathematical Sciences” Organized by the **Department of Mathematics, U.C.S – O.U.**, Hyderabad, during 30 – 31 March, 2010.
- Participated in the “National Conference on Mathematical Modelling in Emerging Technologies” Organized by the **MallaReddy Engineering College, Secunderabad**, during 13 – 15 February, 2009.
- Participated in the “Departmental Conference Cum Workshop for Osmania University U.G. Mathematics Teachers” Organized by the **Department of Mathematics, U.C.S – O.U.**, Hyderabad, during 12 – 13 December, 2008.
- Participated in XVI CONGRESS of Andhra Pradesh Society For Mathematical Sciences (APSMS) & Symposium On “Mathematical Modeling in Earth Sciences with Special Emphasis On Seismology” Organized by **National Geophysical Research Institute (NGRI)**, Hyderabad, during 08 – 10 December, 2007.
- Participated in the “National Conference on Number Theory, Fixed Point Theory & It’s applications” Organized by the Department of Mathematics, **U.C.S – O.U.**, Hyderabad, during 30 – 31 August, 2007.
- Participated in the “National Conference on Potential Field Theory” Organized by the **Department of Mathematics – O.U.**, Hyderabad, during 09 – 10 March, 2007.
- Participated in the Training Programme on “Training programme for Engineering Mathematics Teachers” Organized by the **University college of Engineering (A), O.U.**, Hyderabad, on 22 - 23 December, 2006.
- Participated in the XV CONGRESS of Andhra Pradesh Society For Mathematical Sciences (APSMS) Organized by **the Department of Mathematics – Kakatiya University**, Warangal, during 11–13 August, 2006.
- Participated in the Work Shop on “Teaching and Learning practices & Curriculum Development” Organized by the **University college of Engineering (A), O.U.**, Hyderabad, on 22 July 2006.
- Participated in the Work Shop on “Teaching and Learning practices” Organized by the Department of Civil Engineering and English, **UCE (A), O.U.**, Hyderabad, on 19 April 2006.
- Participated in the “National Conference on New Trends in Number Theory” Organized by the **Department of Mathematics, UCS–O.U.**, Hyderabad, during 18 – 19 March, 2006.

## **24. ORIENTATION COURSE**

- Participated in the UGC Sponsored “**Orientation Course**” Of **University Grants Commission, Academic Staff College, Osmania University, Hyderabad, A.P**, during 25.06.2008 to 23.07.2008.

## **25. FACULTY DEVELOPMENT PROGRAMMES:**

- Completed an **AICTE** approved **Faculty Development Programme (FEX201X)** on “Pedagogy for Online and Blended Teaching-Learning Process” conducted by **Indian Institute of Technology, Bombay** from **May 3<sup>rd</sup> to 30<sup>th</sup>, 2018**.
- Completed an **AICTE** approved **Faculty Development Programme(FEX101X)** on “Foundation Program in ICT Education “conducted by **Indian Institute of Technology, Bombay** from **Mach 8<sup>th</sup> to April 12<sup>th</sup>, 2018**.
- 1-day FDP program in Aurora Degree and PG College on the topic “Challenges involved in Pursuing a career in the field of Mathematics” on 5<sup>th</sup> March 2015.
- **7 days FDP** program in VJIT on the topic “Role of Mathematics in Engineering” from **15<sup>th</sup> – 20<sup>th</sup>, July, 2013**.
- 2 days FDP Program in VJIT on the Topic “Applications of Mathematics in Emerging Sciences” on September 4<sup>th</sup> and 5<sup>th</sup>, 2012, Hyderabad.

