**Dr. K. Raghunath**

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# OBJECTIVE:

An organized professional with proven teaching, guidance and counseling skills Possessing a strong track record in improving student performance and teaching effectively. Have the ability to communicate complex information and looking to contribute my knowledge and skills in a College that offers a genuine opportunity for career progression.

# PERSONAL SYNOPSIS:

I am a kind of a person who has great responsibilities, respect towards superiors and maintains human relations.

# EDUCATIONAL QUALIFICATIONS:

* Doctor of Philosophy in the Faculty of Mathematics (Fluid Mechanics) from Jawaharlal Nehru Technological University, JNTUA – Anantapur, in the Year 2019.
* Master of Science in Mathematics from Rayalaseema University, Kurnool in 2011 with an aggregate of 72.67%
* Bachelor of Education in Mathematics from Nalanda College of Education, Yemmiganur-518360, Rayalaseema University in 2015 with an aggregate of 67%
* Bachelor of Science in Mathematics from SML Govt., Degree College, Yemmiganur-518360, SK University in 2008 with an aggregate of 66.96%.
* Intermediate from Sri Sai Venu Junior College,Yemmiganur-518360, Board of Intermediate Education, Hyderabad in 2005 with an aggregate of 68.70%
* SSLC from Govt., High School, Bellary-583101,Karnataka Board of Secondary Education, Bengaluru in 2003 with an aggregate of 59.86%

# EXPERIENCE:

* Present Working as a Assistant Professor in St. Johns College of Engineering and technology, Yemmiganur.
* Twelve years of Teaching Experience as Assistant Professor in Bheema Institute of Technology & Sciences, Adoni.
* Having working Experience as NSS Program officer, AICTE for Five years and also performed a variety of Administrative duties like, Sports Coordinator, Inter departmental FFC Coordinator.
* Experienced in preparing documents related to FFC Inspection conducted by JNTUA University.
* Adopted distinctive teaching methodologies, documented all lessons, organized competent group discussions, and mentored weak performing students.
* Worked closely with other teachers to consolidate all avenues of the curriculum and coached the students selectively.

# SUBJECTS TAUGHT:

1. Engineering Mathematics-I, II, III, IV
2. Mathematical Methods.
3. Probability & Statistics.
4. Engineering Mathematics-I for Diploma Students.
5. Training & Placement. (Aptitude and Reasoning)

# IMPORTANT CREDENTIALS:

Awarded Ph.D in the year 2019 and Title of the Ph.D Thesis is: “**Some Problems on MHD Convective Flows through Vertical Plates.”**

# PUBLICATIONS / JOURNALS:

1. Kodi Raghunath, Ravuri Mohana Ramana, Charankumar Ganteda, Prem Kumar Chaurasiya, Damodar Tiwari, Rajan Kumar, Dharam Buddhi & Kuldeep Kumar Saxena, Processing to pass unsteady MHD flow of a second-grade fluid through a porous medium in the presence of radiation absorption exhibits Diffusion thermo, hall and ion slip effects, Advances in Materials and Processing Technologies, 2023. DOI: [10.1080/2374068X.2023.2191450](https://doi.org/10.1080/2374068X.2023.2191450) (Taylor & Francs Group)
2. Raghunath Kodi, Charankumar Ganteda, Abhishek Dasore, M. Logesh Kumar, G. Laxmaiah, Mohd Abul Hasan, Saiful Islam, Abdul Razak, Influence of MHD mixed convection flow for maxwell nanofluid through a vertical cone with porous material in the existence of variable heat conductivity and diffusion, **Case Studies in Thermal Engineering**, Volume 44, 2023, 102875. <https://doi.org/10.1016/j.csite.2023.102875>. (Q1-SCI Journal)
3. Kodi Raghunath, Mopuri Obulesu & Konduru Venkateswara Raju, Radiation absorption on MHD Free Conduction flow through porous medium over an unbounded vertical plate with heat source, **International Journal of Ambient Energy**, 2023. (Taylor & Francs Group), DOI: [10.1080/01430750.2023.2181869](https://doi.org/10.1080/01430750.2023.2181869)
4. S. Li, K. Raghunath, A. Alfaleh., *et al.,* Effects of activation energy and chemical reaction on unsteady MHD dissipative Darcy–Forchheimer squeezed flow of Casson fluid over horizontal channel**,  Scientific Reports**, **13**, 2666, 2023. <https://doi.org/10.1038/s41598-023-29702-w> (Q1-SCI Journal)
5. Y. Suresh Kumar, S. Hussain, K. Raghunath, [F. Ali](https://www.nature.com/articles/s41598-023-28379-5#auth-Farhan-Ali),  [K. Guedri](https://www.nature.com/articles/s41598-023-28379-5#auth-Kamel-Guedri),  [S. M. Eldin](https://www.nature.com/articles/s41598-023-28379-5#auth-Sayed_M_-Eldin), [M. Ijaz Khan](https://www.nature.com/articles/s41598-023-28379-5#auth-M__Ijaz-Khan), Numerical analysis of magnetohydrodynamics Casson nanofluid flow with activation energy, Hall current and thermal radiation,  Scientific Reports, 13, 4021, 2023. <https://doi.org/10.1038/s41598-023-28379-5> (Q1-SCI Journal)
6. K. Raghunath, Study of Heat and Mass Transfer of an Unsteady Magnetohydrodynamic Nanofluid Flow Past a Vertical Porous Plate in the Presence of Chemical Reaction, Radiation and Soret Effects, **Journal Of Nanofluids**, (American Scientific Publishers-ESCI Journal), Vol. 12, pp. 767–776, 2023. **DOI:** <https://doi.org/10.1166/jon.2023.1923>
7. K. Raghunath, R. Mohana Ramana, V. Ramachandra Reddy, and M. Obulesu, Diffusion Thermo and Chemical Reaction Effects on Magnetohydrodynamic Jeffrey Nanofluid Over an Inclined Vertical Plate in the Presence of Radiation Absorption and Constant Heat Source, **Journal Of Nanofluids**, (American Scientific Publishers-ESCI Journal), Vol. 12, pp. 147–156, 2023. **DOI:** <https://doi.org/10.1166/jon.2023.1923>
8. S. Maatoug, K Hari Babu, V.V.L. Deepthi, K. Ghachem, Kodi Raghunath, Charankumar Ganteda, Sami Ullah Khan, Variable chemical species and thermo-diffusion Darcy–Forchheimer squeezed flow of Jeffrey nanofluid in horizontal channel with viscous dissipation effects, **Journal of the Indian Chemical Society** (ELSEVIER- SCI Journal), Volume 100, Issue 1, 2023, 100831. https://doi.org/10.1016/j.jics.2022.100831.
9. T.B. Omar T, Kodi Raghunath, F. Ali, M. Khalid, El Sayed Mohamed Tag-ElDin, M. Oreijah, K. Guedri, N.B. Khedher, and M. Ijaz Khan, Hall Current and Soret Effects on Unsteady MHD Rotating Flow of Second-Grade Fluid through Porous Media under the Influences of Thermal Radiation and Chemical Reactions, **CATALYSTS ,** 2022, 12, 1233. <https://doi.org/10.3390/catal12101233>. (MDPI Journals- SCI Journal).
10. V.V.L. Deepthi, M.A.M. Lashin, N. Ravi Kumar, K. Raghunath, F. Ali, M. Oreijah, K. Guedri, El Sayed Mohamed Tag-ElDin, M. Ijaz Khan, M. Galal Ahmed, Recent Development of Heat and Mass Transport in the Presence of Hall, Ion Slip and Thermo Diffusion in Radiative Second Grade Material: Application of Micromachines, **MICROMACHINES,** 2022, 13, 1566. <https://doi.org/10.3390/mi13101566>. (MDPI Journals- SCI Journal)
11. G. Aruna, K. Haribabu, B. Venkaeshwarlu, Kodi Raghunath, An unsteady MHD flow of a second‐grade fluid passing through a porous medium in the presence of radiation absorption exhibits Hall and ion slip effects, **Heat Transfer. 1-27,** 2022. doi:10.1002/htj.2271. (WILEY-SCOPUS & ESCI Journal).
12. Kodi Raghunath, Ravuri Mohanaramana, Hall, Soret, and rotational effects on unsteady MHD rotating flow of a second-grade fluid through a porous medium in the presence of chemical reaction and aligned magnetic field, [International Communications in Heat and Mass Transfer](https://www.sciencedirect.com/journal/international-communications-in-heat-and-mass-transfer), [Volume 137](https://www.sciencedirect.com/journal/international-communications-in-heat-and-mass-transfer/vol/137/suppl/C), 106287, 2022. <https://doi.org/10.1016/j.icheatmasstransfer.2022.106287>. (Q1-ELSEVIER-SCI Journal)

# Raghunath Kodi, Mohanaramana Ravuri, Nagesh Gulle, Charankumar Ganteda, Sami Ullah Khan & M. Ijaz Khan, Hall and ion slip radiative flow of chemically reactive second grade through porous saturated space via perturbation approach, Waves in Random and Complex Media, DOI: 10.1080/17455030.2022.2108555. (TAYLOR & FRANCS-SCI Journal).

# Kodi Raghunath, Charankumar Ganteda, Giulio Lorenzini, Effects of Soret, Rotation, Hall, and Ion Slip on Unsteady MHD Flow of A Jeffrey Fluid Through A Porous Medium in The Presence of Heat Absorption and Chemical Reaction, Journal of Mechanical Engineering Research and Developments, (SCOPUS Journal )Vol. 45, No. 3(2022), pp. 80-97.

# M. Obulesu, K. Raghunath, P. Mohan Reddy, G. Charankumar, G. Lorenzini, Nor Azwadi Che Sidik, Unsteady MHD on Convective Flow of a Newtonian Fluid Past an Inclined Plate in Presence of Chemical Reaction with Radiation Absorption and Dufour Effects, CFD Letters (SCOPUS Journal) 14, Issue 7 (2022) 62-76. <https://doi.org/10.37934/cfdl.14.7.6276>

# Raghunath Kodi, Mohana Ramana Ravuri, Soret and chemical reaction effects on heat and mass transfer in MHD flow of a Kuvshinski fluid through porous medium with aligned magnetic field and radiation, Nonlinear Dynamics and Applications, Springer Proceedings in Complexity., 2022, pp. 377-391.

1. K. Raghunath, K. Venkateswara Raju, R. Mohana Ramana, Chemical reaction with aligned magnetic field effects on unsteady MHD Kuvshinski fluid flow past an inclined porous plate in the presence of radiation and Soret effects, **Heat Transfer** Journal(WILEY), (Scopus & ESCI Journal), Vol 51, Number 4, 2022, 1-18, <https://doi.org/10.1002/htj.22598>.
2. M. Obulesu, K. Raghunath, G. Charankumar, S. Ramu, Giulio Lorenzini, MHD Heat and Mass Transfer Steady Flow of a Convective Fluid Through a Porous Plate in The Presence of Diffusion Thermo and Aligned Magnetic Field, **Journal of Advanced Research in Fluid Mechanics and Thermal Sciences**, 89, Issue 1 (2022) 62-76.
3. K. Raghunath, G. Nagesh, V. Ramachandra Reddy, M. Obulesu**,** Unsteady MHD fluid flow past an inclined vertical porous plate in the presence of chemical reaction with aligned magnetic field, radiation, and Soret effects, **Heat Transfer** (WILEY), (Scopus & ESCI Journal), Vol 51, Number 6, 2021, 1-18, <https://doi.org/10.1002/htj.22423>.
4. K. Raghunath, V. Ramachandra Reddy, M. Obulesu**,** Characteristics of MHD Casson fluid flow past an inclined vertical porous plate, **Materials Today: Proceedings**, (ELSEVIER), Vol 49, 2022. 2136-2142, <https://doi.org/10.1016/j.matpr.2021.08.328>.
5. K. Raghunath, K. Venkateswara Raju**,** Heat and Mass Transfer on MHD Convective unsteady flow of a Jeffrey fluid past an inclined vertical plate with Thermal diffusion Soret and Aligned magnetic field, **Materials Today: Proceedings** (ELSEVIER), (Scopus & ESCI Journal), 2021.
6. K. Raghunath, G. Nagesh**,** Soret Radiation and Chemical Reaction effect on MHD Jeffrey fluid flow past an inclined vertical plate Embedded in porous medium, **Materials Today: Proceedings** (ELSEVIER), (Scopus & ESCI Journal), 2021.
7. K. Raghunath, M. Obulesu**,** Unsteady MHD Oscillatory Casson fluid flow past an inclined vertical porous plate in the Presence of Chemical Reaction with Heat absorption and Soret effects**, Heat Transfer** (WILEY), (Scopus & ESCI Journal), Vol 50, Number 6, 2021, 1-18, <https://doi.org/10.1002/htj.22327>.
8. K. Raghunath. M. Obulesu, S. Sujatha, K. Venkateswararaju, Investigation of MHD Casson fluid flow past a vertical porous plate under the influence of thermal diffusion and chemical reaction, **Heat Transfer** (Scopus & ESCI Journal), Vol 50, Number 6, 2021; 1-18. <https://doi.org/10.1002/htj.2231>1. 2021 Wiley Scrivener Publishing LLC.
9. K. Raghunath, M. Obulesu, “Heat Source/Sink Effects on Convective Flow of a Newtonian Fluid Past an Inclined Vertical Plate in Conducting Field” Published in Simulation and Analysis of Mathematical Methods in Real-Time Engineering Applications, (131–150), 2021 Wiley Scrivener Publishing LLC.
10. K. Raghunath, V. Ramachandra Reddy, M. Obulesu, “Effects of Radiation Absorption and Aligned Magnetic Field on MHD Cassion Fluid Past an Inclined Vertical Porous Plate in Porous Media” Published in Simulation and Analysis of Mathematical Methods in Real-Time Engineering Applications, (273–291), 2021 Wiley Scrivener Publishing LLC.
11. C Pavan Kumar , K Raghunath\*, M Obulesu, Thermal Diffusion And Inclined Magnetic Field Effects On MHD Free Convection Flow of Casson Fluid Past an Inclined Plate In Conducting Field, TURKISH JOURNAL OF COMPUTER AND MATHEMATICS EDUCATION (Scopus), Vol.12 No.13, 2021, 960-977.
12. K. VenkateswaraRaju, R. Mohana Ramana, M C. Raju, K. Raghunath, Chemical Reaction Effects on Maxwell Base MHD Fluid Flow of Nonomaterial over Vertical Moving Surface with Radiation, TURKISH JOURNAL OF COMPUTER AND MATHEMATICS EDUCATION (Scopus), Vol.12 No.12, 2021, 3760-3769.
13. M Obulesu, Dr. K.Raghunath, Dr. R. Sivaprasad “Radiation Absorption Effects On MHD Jeffrey fluid flow past a vertical plate through a porous medium in conducting field”, Annals Of Faculty Engineering-An International Journal Of Engineering (UGC Care journal), Hunedora, Tome XIX [2021] | Fascicule 1 [February], pp.69-71.
14. K. Raghunath, M. Obulesu, Dr R. sivaprasad “Heat and mass transfer on Unsteady MHD flow of through porous medium between two vertical porous plates, AIP CONFERENCE PROCEEDINGS (Scopus) 2220, 130003-1-130003-6, 2020, <https://doi.org/10.1063/5.0001103>.
15. M Obulesu, Dr. K.Raghunath, Dr. R. sivaprasad “Hall Current Effects on MHD Convective Flow Past a Porous Plate with Thermal Radiation, Chemical Reaction with Radiation Absorption, AIP CONFERENCE PROCEEDINGS (Scopus) 2246, 020003, 2020, 978-0-7354-2005-2; <https://doi.org/10.1063/5.0014423>.
16. K. Raghunath, R.Siva Prasad, & G.S.S. Raju., “Heat and mass transfer on MHD flow of Non-Newtonian fluid over an infinite vertical porous plate, INTERNATIONAL JOURNAL OF APPLIED ENGINEERING RESEARCH (Scopus), ISSN 0973-4562 Volume 13, Number 13, 2018, pp. 11156-11163.
17. K. Raghunath, R.Sivaprasad, G.S.S. Raju., Hall Effects on MHD Convective Rotating Flow of through a Porous Medium past Infinite Vertical Plate, ANNALS OF PURE AND APPLIED MATHEMATICS, Vol. 16, 2018, 353-263, DOI [http://dx.doi.org/10.22457/apam.v16n2a12.](file:///C:\Users\K%20RAGHUNATH\Desktop\Desktop%20files%202\Resume\%20http:\dx.doi.org\10.22457\apam.v16n2a12.)
18. K. Raghunath, R.Siva Prasad, & G.S.S. Raju., “Heat and Mass Transfer on Unsteady MHD Flow of a Second grade Fluid through Porous Medium between Two Vertical Plates”, JOURNAL OF ULTRA SCIENTIST OF PHYSICAL SCIENCE, Volume 30(2), 2018, 1-11.
19. K. Raghunath, R.Siva Prasad, & G.S.S. Raju., “Heat and Mass Transfer on Unsteady MHD Flow of a Visco-Elastic Fluid Past an Infinite Vertical Oscillating Porous Plate”, BRITISH JOURNAL OF MATHEMATICS & COMPUTER SCIENCE, volume 17(6), July2016, ISSN:2231-0851, DOI:10.9734/BJMCS/2016/25872.
20. G. Suresh Babu , G. Nagesh , K. Raghunath , R. Siva Prasad “Finite Element Analysis of Free Convection Heat Transfer Flow in a Vertical Conical Annular Porous Medium” INTERNATIONAL JOURNAL OF APPLIED ENGINEERING RESEARCH (Scopus), ISSN 0973-4562 Volume 14, Number 1 (2019) pp. 262-277.
21. G.V Nagendra prasad , G. Nagesh , K. Raghunath , R. Siva Prasad “MHD flow of a Visco-elastic fluid over an unbounded rotating porous plate with Heat source and Chemical reaction” INTERNATIONAL JOURNAL OF APPLIED ENGINEERING RESEARCH (Scopus), ISSN 0973- 4562 Volume 13, Number 24 (2019) pp. 16927-16938.
22. AG Vijay Kumar, SVK Varma & K. Raghunath, “Thermal Diffusion and Radiation Effects on Unsteady MHD Flow Through Porous Medium with Variable temperature and Mass Diffusion in the Presence of Heat Source/Sink” Published in ANNALS OF FACULTY ENGINEERING- AN INTERNATIONAL JOURNAL OF ENGINEERINg (UGC Care Journal), Hunedora, Fascicule 2, Tome VI (2013), Pages:79-85.
23. AG Vijay Kumar, SVK Varma & K. Raghunath, “Thermal Diffusion and Radiation Effects on Unsteady MHD Flow past Linearly Accelerate Vertical Plate with Variable temperature and Mass Diffusion”, ANNALS OF FACULTY ENGINEERING-AN INTERNATIONAL JOURNAL OF ENGINEERING (UGC Care Journal), Hunedora, Fascicule 3, Tome V (2012), Pages:67-73.

# SEMINARS / CONFERENCES / WORKSHOPS ATTENDED:

1. Presented a paper entitled Soret and Chemical Reaction Effects on Heat and Mass Transfer in MHD Flow of a Kuvshinski Fluid Through Porous Medium with Aligned Magnetic Field and Radiation in ICNDA 2022 organized by Department of Mathematics, Sikkim Manipal Institute of Technology (SMIT), Sikkim MAnipal University, Majitar, East Sikkim 737136, India during (9th − 11th)M arch, 2022.
2. Presented the research paper entitled “Characteristics of MHD Casson Fluid past an Inclined Vertical Porous Plate” in the 2021 Global Conference on Recent Advances in Sustainable Materials (GC-RASM 2021) held at A.J. Institute of Engineering & Technology, Karnataka, India during 29 - 30, July 2021. GC-RASM 2021 has been organized jointly by the departments of Civil Engineering and Mechanical Engineering.
3. Presented a technical paper entitled “Investigation Of MHD Casson Fluid Flow Past a Vertical Porous Plate Under The Influence Of Thermal Diffusion And Chemical Reaction” In a National conference on Research and development of Materials processing modeling and Characterization-2020 (RDMPMC20) Organized by Department of Metallurgical and materials Engineering in association with Dept of production and Industrial Engineering, National Institute of Technology, Jamshedpur held during 26th -27th August-2020.
4. Presented a paper entitled “Characteristics of MHD Jeffery Fluid Past an Inclined Vertical Porous Plate” in the “International Conference on Advances in Science, Engineering & Mathematics (ICASEM 2020)”, Organized by Annamacharya Institute of Technology, technology and Science, Rajampeta, A.P, held on 7th to 9th, August 2020.
5. Participated and presented a paper entitled “Radiation Absorption on MHD Free Conduction Flow through Porous Medium over an Unbounded Vertical Plate with Heat Source” during International E-Conference on Emerging Advances in Mathematical and Physical Sciences June 28-30, 2020 Jointly organized By Department of Mathematics and Physics Hindu College, Moradabad, Bareilly UP India.
6. Presented a paper entitled “MHD Radiative Heat Source/Sink Fluid Past A Vertical Porous Plate With Effect On Radiation Absorption” during National Conference on Contemporary trends in Sciences and Humanities (NCCSH-2020),[ISBN 978-81-945588-0-4] organized by Dept of H&S, Santhiram Engineering College, Nandyal, A.P. in association with Indian Servers and Brain o Vision, Hyderabad on 13th June 2020.
7. Presented a research paper entitled “MHD Heat And Mass Transfer Flow Of A Reactive, Chemical Reaction And Radiation Absorption Fluid Through A Vertical Porous Plate” during National Conference on Contemporary trends in Sciences and Humanities (NCCSH-2020), [ISBN 978-81-945588-0-4] organized by Dept of H&S, Santhiram Engineering College, Nandyal, A.P. in association with Indian Servers and Brain o Vision, Hyderabad on 13th June 2020.
8. Presented a paper at the XXIIIV Congress of APTSMS and National conference on Recent Trends in Pure and Applied Mathematics (NCRTPAM 2020), Organized by Rashtriya Sanskrit Vidhya peeta, Tirupathi, held on 6th -8th December 2019.
9. Presented a paper entitled “Heat and mass transfer on Unsteady MHD flow of through porous medium between two vertical porous plates” at the (ICC-2019)) “3rd International Conference on Condensed Matter & Applied Physics”, at Govt Engineering College, Bikaner, Rajasthan, Held On 14-15 October 2019.
10. Presented a paper at the (ICMSA-2019) “International Conference on Mathematical Sciences and Applications” At GITAM University, Hyderabad Held On 9-11th, August 2018.
11. Presented a paper at the (ICEESM-2018) “International Conference on Emerging Trends in Engineering Science & Management” At RGM College of Engineering & Technology Nandyal, AP held on 22-23rd December 2018.
12. Participated In the “National Workshop on Recent Trend In Mathematics” At Pullaiah College Of Engineering And Technology, Kurnool, Held On 22nd December 2018.
13. Participated in TEQIP-II sponsored “National Workshop on Recent Trends in Fluid Dynamics and Numerical Techniques Organized by Department of Mathematics, JNTUA College of Engineering (Autonomous), Pulivendula held on 21st and 22nd October 2016.
14. Presented a paper at the (ICMCE-2015) “International Conference on Mathematical Computer Engineering” at VIT Chennai held on 14-15th December 2015.
15. Presented a paper at the “U.G.C National Seminar on Recent Trends and Challenges in Mathematical Sciences (NSRTMS-2011)” at SK University Anantapur held on 28-29th November 2015.
16. Participated in One week orientation program on “Research Methodology” At JNTUA Anantapur held on 15-20th June-2015.
17. Participated In the “National Conference on Recent Trend in Mathematics” At JNTUA Anantapur held on 21-22nd March 2013.
18. Presented a paper at the “2nd World Conference Applied Science Engineering and Technology” At GITAM University Hyderabad HELD on 8-9th MARCH 2013.
19. Participated In the “National Workshop on Mathematical and Computational Methods in Fluid Dynamics” At JNTUA Anantapur held on 10-11 January 2013.
20. Presented a paper at the “National Seminar on Recent Trend in Mathematical Science (NSRTMS-2011)” at SK University Anantapur held on 17-18th December 2011.
21. Attended a workshop on evidence based teaching and learning Strategies in Higher education from May13th -15th 2020 organized by CREATES, IISER, Bhopal under the PMMMNMTT Scheme of MHRD.

**FACULTY DEVELOPMENT PROGRAMME:**

1. Attended the one week online short term Course (under TEQIP-III) on “Mathematical Modeling of Complex Fluids”, held from September 24-28, 2020 at Dr B R Ambedkar National Institute of Technology, Jalandhar.
2. Participating in the TEQIP-III sponsored one week online short term course on “Multi-Scale Computational Fluid Dynamics: Fundamentals and Applications” held on September 21-25, 2020, organized by the Department of Mechanical Engineering, Dr. B. R. Ambedkar National Institute of Technology Jalandhar, Punjab, India.
3. Participation in the five days online Short Term Course on “Numerical Solutions of Differential Equations” held from 16 th -20 th September, 2020 at Dr. B. R. Ambedkar National Institute of Technology Jalandhar, Punjab –144011 (India)
4. Participated in the short-term course on Differential Equations; Solutions Techniques and Applications, Conducted by Department of mathematics, Indian Institute of Technology Guwahati Under the Quality Improvement Programme (QIP) Sponsored by AICTE/Ministry of Human Resource Development, Government of India, during September 7-12, 2020.
5. Participated in the National Level Online Faculty Development Program on “New Perspectives in Mathematics and Their Relevance to Science & Technology” held in the Department of Mathematics, JNTUA College of Engineering, Anantapuramu, from 02-04, 2020.
6. Participated in the one-week TEQIP-III sponsored short-term course on “Aspects of Modern Optimization Techniques in Science and Engineering (AMOTSE)”, held during 17th- 21st-August-2020 jointly organized by National Institute of Technology, Arunachal Pradesh and Government College of Technology Coimbatore, Tamil Nadu.
7. Attended Faculty Development Programme on “How to Teach Mathematics to Engineering Students” sponsored by UGC, and conducted at JNTUA, Anantapur held on 14 &15 March 2015.
8. Attended one week Faculty development program on “LaTeX” offered by the Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India, held on 27th April to 3rd May 2020.
9. Attended one week Online Faculty Development Program on “Moodle Learning Management System” offered by the Spoken Tutorial Project, IIT Bombay, funded by the National Mission on Education through ICT, MHRD, Govt. of India, organized by Department of Mathematical Sciences, Bodoland University, Kokrajhar -783370 during May 11th – May 15th 2020.
10. Attended 5-Days online STTP on MATLAB based Teaching- Learning in Mathematics, Science and Engineering, organized by the Department of Electronics Engineering, Ramrao Adik Institute of Technology, Nerul, Navi Mumbai in collaboration with Design Tech Systems Pvt. Ltd., Mumbai during 18th to 22nd May 2020.
11. Attended One week online faculty development Programme on “mathematical and Statistical modeling” organized by H&S department of Godavari Institute of Engineering and Technology from 26-05-2020 to 30-05-2020.
12. Completed Two Weeks Faculty Development Programme on "Managing Online Classes And Co-Creating Moocs: 2.0" organized by Ramanujan College University of Delhi under MHRD, PMMMNMTT, from May 18 - June 03, 2020.
13. Attended one Week Faculty development programme on “Modern Teaching, Evaluation And Research Methods” Under UGC scheme, STRIED Component-1(Research Capability building) Organized by Vinayakarao Patil Mahavidyalaya, Vaijapur dist, Aurangabad from June 02 to June 07-2020.
14. Participated in the three days Faculty Development Program on “Innovative research methodologies for challenging problems of future in Science, Technology, Engineering and Management (STEM)” on 5th-7th June 2020, organized by RGPV, under TEQIP-III in association with Department of Engineering Sciences & Humanities, IIST, Indore (M.P.)
15. Completed a 4-Week Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" organized by Ramanujan College University of Delhi under MHRD, PMMMNMTT, from June 04 - July 01, 2020.
16. Participated in International online seminar on Alternative assessment and Evaluation in Teacher Education Organized by School of Education, Mahatma Gandhi Antarrashtriya Hindi Viswavidyalaya, Maharastra, under the scheme of PMMMNMTT, MHRD, and Govt of India during 15th -16th June, 2020.
17. Participated in the Five day online Faculty development Program on “Fluid mechanics and Machinery” Organized by Department of mechanical and Auto mobile engineering, Arasu Engineering College, Kumbakonam, held during 29th June to 3rd July, 2020.
18. Participated in the six day Faculty development Program on “Applications of Mathematics in Engineering” Organized by Department of Mathematics, KPR Institute of technology and Science, Coimbatore, held during 20—25 July, 2020 Sponsored by MHRD.
19. One Week Online Training Program on ICT Tools for Teaching, Learning and Administration August 04 – August 10, 2020 Organized By Department of Electronics and Communication J. K. Institute of Applied Physics & Technology University of Allahabad, Prayagraj – 211002

# OTHER ACCOMPLISHMENTS:

* Received course completion certificate (Basic Linear Algebra) through NPTEL (Issued by IIT Bombay).
* Received Silver medal by Indian Red Cross Society

# AWARDS:

Received Award for **Promising Scholar of the year-2018** by International Association of Research and Development Organization (IARDO) at International centre, GOA held on 25th October-2018

# PERSONAL PROFILE:

Date of Birth : 03rd June, 1988

Marital : Married

Languages known : Telugu, English, Kannada, Hindi

Residential Address : H.No: 5/1906,

Lakshmipeta, Yemmiganur-518360, Kurnool (Dist)

**Dr. K. RAGHUNATH *M.Sc.,Ph.D.***