1. Name : Dr. Santhi Kumar Rajamahanthi

2. Employee ID : A5BSH00T09

3. Designation : Professor & HoD of BS&H

Department

4. Department : BS & H

5. Date of Birth : 08-07-1977

6. Father Name : Krishna Mohan Das

7. Mother Name : Nirmala

8. PAN No : ALQPR 8114 D 9. Aadhar No : 436000581623

10. Category : B.C-D 11. Vidwan Id : 175296

12. Orcid Id : <u>0000-0001-5122-3800</u>

13. Scopus Id : <u>55535239700</u>

14. Researcher Id : <u>P-3855-2015</u>

15. Google Scholar Id: WF6w74MAAAAJ

16. Address For Communication:

Door No. 1-223, Venkateswara Colony-3,

Post Office Line, Tekkali-532201, Srikakulam Dist, Andhra Pradesh

Mobile: 9866647223, Email:skrmahanthi@gamil.com

YouTube Channel Name: Dr SKR Mahanthi

17. EDUCATIONAL QUALIFICATIONS:

| | (01111111111111111111111111111111111111 | | | | |
|---------------------|-----------------------------------------|---------------------------------------------|----------------------------|--------|------------|
| Qualification | Specialization | Institute/University | Year of Pass | Class | % of Marks |
| Ph.D (Part-Time) | Mathematics | Acharya Nagarjuna University, Gunturu | 28-01-2014 (Awarded on) | - | |
| M.Phil | Mathematics | M K University, Madurai | May-2007 | Second | 54% |
| M.Sc | Mathematics | Osmania University, Hyderabad | July-2002 | First | 64% |
| B.Sc | M. P. C | Andhra University | April-1997 | First | 75% |
| Intermediate | M. P. C | B.I.E, Hyderabad | May-1994 | First | 72.7% |
| S.S.C | Maths . Physical Science. Social | S.B.E, Hyderabad | May-1992 | First | 75.6% |



18. EXPERIENCE:

| Sl.No. | Institute / Industry | Period | | Cadre/Designation |
|---------|--------------------------------------------------------|-------------|------------|----------------------|
| 51.140. | mstrute / madstry | From | To | Cadic/Designation |
| 01 | Aditya Institute of Technology and Management, TEKKALI | 01-02-2018 | Till date | Professor |
| 02 | Aditya Institute of Technology and Management, TEKKALI | 01-02-2014 | 30-12-2017 | Associate .Professor |
| 03 | Aditya Institute of Technology and Management, TEKKALI | 05-10- 2004 | 31-01-2014 | Asst. Professor |
| 04 | B.S & J.R Degree College for PG Couses, Tekkali | 10-07-2002 | 04-10-2004 | Lecturer |

19. Administrative Experiences:

- 1) Present Acting as H.O.D of B S & H Department from Oct-2021 to till date
- 2) Acted as Asst. H.O.D of B S & H Department from 2016 to Oct-2021
- 3) Acted as Centralized R & D Cell in-charge of the Institute from 2019 to 2021
- 4) Acted as R & D Cell in-charge of the Department of BS&H from 2016 to Oct-2021
- 5) Present Acting as coordinator of OBC Cell
- 6) Worked as Officer I/C Examination of the Institute from March-2006 to May-2013.
- 7) Acted as Varies Internal Committee member like Library, IQAC, FFC, etc.,.

20. Sponsored Projects: (Status Completed)

| SL. No. | Sponsoring Agency | Title of the Project Grante | ed Amount Status |
|------------|-------------------------|-------------------------------------------------------------------------------------------------------|------------------------|
| 1 | UGC-SERO MRP-6933/18 | Study On Bianchi-Type Dark Energy Cosmological Models In Certain Modified 2,7 Theories Of Gravitation | Successfully Completed |

21. Patents Details(03):

| S.No. | Title of the patent | Details of the Patent | Status |
|-------|----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-----------|
| 01 | MDE- Symbolic Calculations: Method For Live Symbolic Calculations In A Math Document Intelligent Editor | Application No.202141003232 A Publication Date : 29/01/2021 | Published |
| 02 | Down-Hole Fluid Control System and Method Having Dynamic Response to Local Well Conditions | Application No.202241039559 A Publication Date: 15-07 2022 | Published |
| 03 | A System and method for freedom mathematical parsing and grading of an arithmetic expression using AI & ML interface | Application No.202341007734 A Filed 2023-02-07 Published 2023-02-17 | Published |

22. Details of Books Authored: (03)

| Sr.NO | Title of the Book | Name of Publisher | Details of Publication | Year of Publication |
|-------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | LRS Bianchi Type-II Cosmic Domain Wall in Modified Theory of Gravitation | Research Trends and Challenges in Physical Science B P International Publications | Vol. 6, Chapter 4 Print ISBN: 978-93-5547-366-0, eBook ISBN: 978-93-5547-367-7 DOI: 10.9734/bpi/rtcps/v6/2220C | file:///F:/Book%20Chapter/04.%20Santhikuma r_2021_BP_2220C.pdf |
| 2 | Discrete Mathematics | RK-Publications | ISBN no: 978-93-95331-63-0 | https://isbnnew.inflibnet.ac.in/Recently_Published_Books.aspx https://www.flipkart.com/discrete-mathematics/p/itm5580b5cbd6811?pid=9789395331630 |
| 3 | Applications Of Statistics In Computer Science | Scientific International Publishing House | ISBN no: 978-93-5625-584-5 | https://isbnnew.inflibnet.ac.in/Recently_Published_Books.aspx |

23. Memberships of Professional Societies and Other Organizations (05):

| SL.NO | Details | Member ship Id |
|-------|--------------------------------------------------------------|-----------------|
| 01 | The Indian Society for Technical Education | LM-118679 |
| 02 | Indian Mathematical Society | L/2018/66 |
| 03 | Andhra Pradesh & Telangana Society for Mathematical Sciences | LM-1238 |
| 04 | Indian Society for Probability and Statistics | LM/29/1541/2021 |
| 05 | Institute of Researchers | LM012304 |

24. Details of Ph.D Supervision:

| SL.No | Details of Candidate /Guided Student | Name of University Affiliated |
|-------|--------------------------------------------------------------------|-------------------------------|
| 01 | Mr. Ramana Murthy Muddada, Prgati Engineering College, Kakinada | JNTUK, Kakinada |
| 02 | Mr. Mandala Krishna Raghu Engineering Collage Vizianagaram | JNTUGV, Vizianagaram |

25. Board of Studies Member:

| S.No | Detail of BoS | Duration |
|------|-----------------------------------------------------|---------------|
| | | |
| 1 | Board of Studies member in Engineering Mathemetics, | 2015 to 2017. |
| | ANU College of Engineering, Acharya Nagarjuna | |
| | University, Gunturu | |

26. Papers Presented (05)

| Sl.No. | Tittle | Programmes | Place |
|--------|------------------------------------|-----------------------------|-----------------------|
| 01 | A High Dimensional Bianchi Type- | International Conference on | Amaravati University, |
| | III Dark Energy Cosmological Model | General Relativity | Amaravati, |
| | in Scale Co-Variant Theory of | (ICGR-2015 | Maharastra-2015 |
| | Gravitation | b/w 25-28 NON-1015 | 25-28 NON-1015 |
| | | | |

| 02 | Inventory Model for Non-Instaneous Deteriorating Items, Price And Power Department Demand, And Completely Backlogging | Presented at International conference on Symposium on Bridging Education & Industry for Next Generation | 1 st &2 nd May-2018, Organised by Sultanate of Oman Ministry of Higher Education College of Applied Sciences, Suhar, OMAN |
|----|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 03 | Domain Walls in LRS Bianchi Type- II with Scalar- Tensor Theory of Gravitation | Presented at International Conference on Recent Trends in Applied Sciences, Engineering and Technology (CASET 2K19 OMAN) | 11-June-2019, Organised by Engineering Department Ibri collage of Technology, OMAN |
| 04 | Common fixed point theoris for $\alpha - \eta - \psi$ Geraghy contraction type maps on a complete metric space | International Conference on "Recent Advances in non- linear functional Analysis and its Applications" | 29-30 Jan-2022, Andhra University, Visakhapatnam |
| 05 | Utilisation of Big Data Analytics for Risk Management | I EEE –Conference "5th International Conference on Inventive Computation Technologies" | 20-22-Jyly-2022, Lalit Pur, Nepal |

27. Published Papers in Journals (25)(SCI/SCOPUS-09 & UGC-10)

| S. No. | Title with page no. | Journal | ISSN / ISBN No. | Whether peer reviewed. Impact factor, if any |
|--------|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------|
| 1 | Two Fluid Scenario For Dark Energy Model in a Scalar – Tensor Theory of Gravitation | International. J. Theoretical Physic (Springer) | p- ISSN:0020-7748, e-ISSN: 1572-9575 Volume 52, Issue-4, Page:1362-1369 | SCI/SCOPUS/DOI Journal, Impact Factor 1.086 |
| 2 | Kaluza-Klein Universe with Cosmic Strings and Bulk Viscosity in a Scalar-Tensor Theory of Gravitation | International .J. Theoretical Physic (Springer) | p- ISSN:0020-7748, e-ISSN: 1572-9575 Vol.52, Issue-4, Page:1214- 1220 | SCI/SCOPUS/DOI Journal, Peer reviewed 1.086 |
| 3 | Bianchi type-III Dark Energy Model in f(R,T) Gravity | International .J. Theoretical Physic (Springer) | p- ISSN:0020-7748 e-ISSN: 1572-9575Volume 52, Issue-I, page:239-245 | SCI/SCOPUS/DOI Journal, Impact factor 1.086 |
| 4 | Bianchi type-III Cosmological Model in f(R,T) Theory of Gravity | Astrophysics Space Sci. (Springer) | p-ISSN:0004-640X, e-ISSN: 1572-946X Volume 342, Issue-I, page:249-252 | SCI/SCOPUS/DOI Journal, Impact factor 2.064 |
| 5 | Kaluza-Klein Dark Energy Cosmological Models in ScaleCo-variant Theory of Gravitation | Astrophysics Space Sci. (Springer) 946X | p-ISSN:0004-640X, e- ISSN: 1572-Volume 349 Issuse-I, page: 482-489. | SCI/SCOPUS/DOI Journal, Impact factor 2.064 |
| 6 | LRS Bianchi type – II Universe in f(R, T) Theory of Gravity. | Global J of Sci Fro Res (USA) | e-ISSN NO: 2249-4626, p- ISSN: 0975-5896 Volume 13 Issue-2 Version-1.0 Page:23- 27 | Peer reviewed (US) |
| 7 | Some Anisotropic Cosmological Models in a Modified Theory of Gravitation | Astrophysics Space Sci. (Springer) | p-ISSN:0004-640X, e-ISSN: 1572-946X Volume 344, issue-I, Page:253-257 | SCI/SCOPUS/DOI Journal, Impact factor 2.064 |
| 8 | Kaluza-Klein Cosmological Model with Bulk Viscosity in Barber's Second Self Creation Cosmology | International Journal of Astronomy, DOI:10.5923/j.astrono my.20150401.0 | e- ISSN: 2169-8856, p-ISSN: 2169-8848 Volume 4/ Number 1 Page 01-04 | DOI & Peer reviewed(US) |
| 9 | On Axially Symmetric | International Journal of | ISSN: 2277-2111 | Peer reviewed |

| | CosmologicalMadal | Db! 1 | V-1 F | |
|-----|--------------------------------------------------|---------------------------------------|-----------------------------------------|----------------------|
| | CosmologicalModel with Strange Quark Matter | Physics and Mathematical Sciences | Volume 5 | |
| | Strange Quark Matter attached to String Cloud in | Mathematical Sciences e | Issue 2 | |
| | General Relativity | | Page 40-45 | |
| 10 | | | ISSN-0973-9173 | |
| | A High Dimensional | | Sp.Issue | |
| | Bianchi Type-III Dark | Amaravathi University | p-71-79 | Peer reviewed |
| | Energy Cosmological Model | Research Journal | | 1 cer reviewed |
| | in Scale Co-VariantTheoryof | | | |
| | Gravitation | | | |
| 11 | Anisotropic Bianchi Type-I | | ISSN-2347-8527 | |
| | cosmological model in | International Journal of | Vol.5 Iss.2 P100-115 | |
| | modified theories of | computer and | | Peer reviewed |
| | gravitation. | mathematical sciences | | |
| | Bra rimitoti. | | | |
| 12 | Some EOQ Model For | International Journal of | TOOM 2004 0007 | |
| | Weibull Deterioration Items | soft computing | ISSN: 2231-2307 | |
| | With Selling Price | International Journal of | Volume 4 | Peer reviewed |
| | Dependent Demand. | Physics and | Issue 1 | |
| | Dopondont Domand. | Mathematical Sciences and engineering | Page 51 – 56 | |
| 13 | A note on fixed point | Asian Academic | ISSN:2319-2801(e) | Peer reviewed |
| | theorem in D^* - Metric | Research Journals of | Volume-I, | reer reviewed |
| | spaces. | Multidisciplinary | Issue-12, | Impact factor-2 |
| | -F | , | page: 405-411. | 1111puot 140t01 2 |
| 14 | LRS Bianchi Type-i | | ISSN: 0975-833X | |
| 17 | Cosmological Model in | | Vol. 8, | |
| | F(R,T) gravity with Stiff | International Journal of | Issue, 08, | Impact factor-6.226 |
| | Fluid | Current Research | pp.35952-35954, | |
| | 1 fulu | | August, 2016 | |
| 15 | Anisotropic LRS Binachi | | 71ugust, 2010 | |
| 1.5 | Type Cosmological Model | Intomotional I | Volume 6, Issue-3, , PP 8-11, | Peer reviewed |
| | in $F(R,T)$ theory of Gravity | International Journal of physics and | ISSN: 2277-2111 | |
| | with Radiating Fluid | Mathematical Sciences | September-2016 | |
| | | | 50ptcm001-2010 | |
| 16 | Accelerating Anisotopihic | | ISSN 0973-1458(P), | |
| | Cosmological model in | In Indian Journal of | 0974-9845(E) | SCI & SCOPUS/DOI |
| | f(R.T) theory of gravity | Physics. | DOI: 10.1007/s12648-017- | |
| | | (SPRINGER) | 1017-z) | Impact Factor: 1.166 |
| | | | OCT-2017 | |
| 17 | Inventory Model for | Presented at | , , , , , , , , , , , , , , , , , , , , | |
| ' | NonInstaneous Deteriorating | International | 1st &2nd May-2018, | |
| | Items, Price And Power | conference on | Organised by Sultanate of Oma | |
| | Department Demand, And | Symposium on | Ministry of Higher Education | Int. Conference |
| | Completely Backlogging | Bridging Education & | College of Applie | m. Comercie |
| | | Industry for Next | Sciences,Suhar, | |
| | | Generation | Oman | |
| 18 | Domain Walls in LRS | Presented at | | |
| | Bianchi Type-II with Scalar- | International | | |
| | Tensor Theory of | Conference on Recent | 11-June-2019, Organised | |
| | Gravitation | Trends in Applied | by Engineering Department | Int. Conference |
| | | Sciences, Engineering | Ibri collage of Technology, | m. Comercie |
| | | and Technology | OMAN | |
| | | (CASET 2K19 OMAN) | | |
| 19 | EQR Model for | Omni) | | |
| | Deteriorating items with | The International | Volumo VI Ica VI | |
| | time and selling price | Journal of Analytical | Volume-XI, Isssue-XI, November-2019, | UGC-CARE |
| | dependent demand and time | and Experimental | ISSN No.0886-9367 | |
| | varyng holding cost under | Model Analysis | 15511110.0000 7507 | |
| | partial backlogging | | | |

| 20 | The General Bianchi Type | The International | Volume-XI, Isssue-XII, | HCC CARE |
|----|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | Dark Energy Cosmological Model in Modified Theories of Gravitation | Journal of Analytical and Experimental Model Analysis | December-2019, ISSN No.0886-9367 | UGC-CARE |
| 21 | Anisotropic Bianchi Type-I Dark Energy Model in Alternative Theory of Gravitation | The International Journal of Analytical and Experimental Model Analysis | Volume-XI, Isssue-XII, December-2019, ISSN No.0886-9367 | UGC-CARE |
| 22 | Common fixed point theorems of Geraghty type contraction maps in Rectangular metric spaces | Int. Research Journal of Pure Algebra | ISSN No. 2248-9037 | UGC-CARE |
| 23 | Utilisation of Big Data Analytics for Risk Management | DOI: 10.1109/ICIRCA54612.20 22.9985709 Publisher: IEEE | Date of Conference: 21-23 September 2022 Date Added to IEEE Xplore: 29 December 2022 ISBN Information: Electronic ISBN:978-1-6654-9707-7 DVD ISBN:978-1-6654-9706-0 Print on Demand(PoD) ISBN:978-1-6654-9708-4 INSPEC Accession Number: 22473368 | Published in: 2022 4th International Conference on Inventive Research in Computing Applications (ICIRCA) Conference Location: Coimbatore, India Scopus Published |
| 24 | Classification Based Detection of Brain Cells Mutation using Deep Learning Architecture with IoT in Smart Healthcare Application | International Journal Of Intelligent Systems And Applications In Engineering: | IJISAE, 2022, 10(3s), Page: 145–149 ISSN:2147-67992 Submitted: 21/09/2022 Accepted: 25/12/2022 | SCOPUS |
| 25 | Bianchi type cosmological models with heat flow in Lyra's geometry | Journal of Pure and Applied Mathematics ISSN:2752-8081 Vol 7 No 1 January 2023 | Manuscript No puljpam- 23-6043 I, Published: Jan 30, 2023, DOI:-10.37532/2752- 8081.23.7(1). PageNo. 37-44 Vol. 7, No. 1, | Peer-reviewed Open access Journal https://www.pulsus.c om/scholarly- articles/bianchi-type- cosmological- models-with-heat- flow-in-lyras- geometry-11863.html |
| 26 | Fixed point theorems for a pair of α-η-ψ Geraghty contraction type maps in complete metricspaces. | Nonlinear Functional Analysisand Applications, ISSN: 2466-0973, | Accepted on June13-2023, | Scopus- SJR(Q3)- |
| 27 | Cylindrically Symmetric Generalized Ghost Pilgrim Dark Energy Cosmological Universe | Journal of Siberian Federal University .Mathematics & Physics | Accepted on 29-08-2023 | Scopus |

| S.No | Programme | Organized | Duration |
|------|-----------------------------------------------------------------------------------------------------|--------------------------------------------------|-----------------------------|
| 1 | Advanced Graph Theory | by NPTEL FDP | April-2023 |
| 2 | Essential Maths for Mechine Learning | NPTEL FDP | June-Oct-2022 |
| 3 | Soft Computing Techniques and Hands on with MATLAB | Department of ECE , AITAM Tekkali | 09/05/2022 to13/05/2022 |
| 4 | 30 Hrs Line online Training /FDP Applied Machine Learning, AI & Its Applications Pythone | EduxLabs& E-Cell-IIT Hyderabad | 20-12-2021 to 06-01-2022 |
| 5 | FDP on Fronties in Mathematics | SR- University-Warangal | 12-02-2022 |
| 6 | AICTE Training and learning (ATAL) academy online FDP on "Mathematics for Machine Learning" | AICTE | 27/07/2021 to 31/07/2021 |
| 7 | Number Theory and its Applications | Gates Institute of Technology Anantapur | 14-06-2021 to 19-06-2021 |
| 8 | AICTE Training and learning (ATAL) academy or FDP on Applied Mathematics (Computational Techniques) | | 01-02-2021 to 05-02-2021 |
| 9 | AICTÉ Training and learning (ATAL) academy of FDP on Data Science | AICTE | 15-02-2021 to 19-02-2021 |
| 10 | AICTE Training and learning (ATAL) academy of FDP on Photography | AICTE | 09-02-2021 to 13-02-2021 |
| 11 | Statistical Trends and Practices in Science and Technology | AITAM | 04-07-2020 to 08-07-2020 |
| 12 | Applications of Mathematics in Engineering | MGIT, Hyd | 03-07-2020 to 04-07-2020 |
| 13 | National Instructional work shop on Cryptology | School of computer and system science, JNU-Delhi | 22-07-2020 to 27-07-2020 |
| 14 | Applications of Mathematics in Engineering | KPR Institute of Technology | 20-07-2020 to 25-07-2020 |
| 15 | Applications of Mathematics in Science and Engineering | Vishnu, Bheemavaram | 07-07-2020 to 11-07-2020 |
| 16 | Recent advances In Mathematics and Statistics | GITAM, VISAKHAPATHAM | 03-08-2020 to 08-08-2020 |
| 17 | Matlab and Mathematica scientific research | Arul Anandar College Madhurai | 27-07-2020 to 29-07-2020 |
| 18 | Fuzzy Mathematics and its Applications | Govt College Daman | 11-06-2020 to 13-06-2020 |
| 19 | International Online FDP on Mathematical Sciences | Vignan's University | 18-06-2020 to 24-06-2020 |
| 20 | One Week STTP on Advanced Research Methodology | Online-Rest-Trust, Tamil Naidu | 11-05-2020 to 15-05-2020 |
| 21 | Three days work shop on Research Methodology | Online-Rest-Trust, Tamil Naidu | 29-04-2020 to 31-04-2020 |
| 22 | Three days work shop on Basic Optimization Technology | Online-Rest-Trust, Tamil Naidu | 04-05-2020 to 06-05-2020 |
| 23 | Three days work shop on Research Methodology | Rest-Trust, Tamil Naidu | 29-04-2020 to 31-04-2020 |
| 24 | | Rest-Trust, Tamil Naidu | 04-05-2020 to |

| | Technology | | 06-05-2020 |
|----|-----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|-----------------------------|
| 25 | Statistical Analysis As An Interface In Engineering Problems | CBIT, HYDERABAD | 13-06-2020 |
| 26 | Matlab for Biginners | St. Joseph's College | 29-06-2020 |
| 27 | Applications of Numerical Analysis in Mathematics | Aurora PG College, Hyd | 29-06-2020 |
| 28 | A Popular talk on Mathematics | CBIT, HYDERABAD | 20-06-2020 |
| 29 | Mathematical Insights into Neural Networks with case studies | Sastra Deemed University | 02-07-2020 |
| 30 | How to read a research paper | Visakha Institute of Technology | 18-07-2020 |
| 31 | Applications of Mathematics in Engineering and Physics | A.G & S.G Siddhartha Degree College of Arts and Science, Vuyyuru | 10-07-2020 to 11-07-2020 |
| 32 | National Education Policy 2020 – What is it that we can do? | AITAM | 15-09-2020 |
| 33 | Applications of Statistics in Data Science | Gitam, Hyderabad | 21-07-2020 to 22-07-2020 |
| 34 | Challenges in Good learning and assessment – post COVID 19 | AITAM | 05-09-2020 |
| 35 | NPTEL-FDP on Mathematical Methods and Its Applications ws | NPTEL | Jan-April-2019 |
| 36 | A two day Work shop on Outcome Based Education | AITAM, TEKKALI | 13-07-2019 to 14-07-2019 |
| 37 | International Conference on Emerging trends on engineering science, technology and mahagement-18 | AITAM, TEKKALI | 29-11-2018 to 30-11-2018 |
| 38 | Advances in Research methods and data analytical tiils by using spss for social sciences and management | AITAM, TEKKALI | 26-02-2018 to 12-03-2018 |
| 39 | One day work shop on Intellectual Property Right(IPR) | AITAM, TEKKALI | 08-07-2018 |
| 40 | Contemporarary Perspectives of Mathematical and Physical sciences pertaining to engineering and technology | AITAM, TEKKALI | 18-09-2016 to 23-09-2016 |
| 41 | One day work shop on Intellectual Property Right(IPR) in E & IT Sector | AITAM, TEKKALI | 05-07-2016 |
| 42 | A Three day training program on Pedagogy and Management Capacity Enhancement Programme for Teaching Staff | AITAM, TEKKALI | 23-06-2016 to 25-06-2016 |
| 43 | A Five day International work shop on REIMAGINE | AITAM, TEKKALI | 03-08-2015 to 07-08-2015 |
| 44 | A One – Day National Seminar on Mathematical Applications in Engineering and Sciences | Sri Sivani College of Engineering | 13-05-2015 |
| 45 | A one day Work shop on Outcome Based Education | AITAM,TEKKALI | 09-03-2015 |

| 46 | Training Programme on SPSS: Hands on Experience | AITAM,TEKKALI | 19-11-2014 to 21-11-2014 |
|----|----------------------------------------------------------------------------------------------------------------|--------------------------------------|-----------------------------|
| 47 | A Two – Day National Work Shop on mathematical applications of engineering disciplines | AITAM,TEKKALI | 4-02-2013 to 5-2-2013 |
| 48 | One – Day National Seminar Programme on Mathematical Modeling in Engineering and Sciences | Sri Sivani College of Engineering | 02-03-2013 |
| 49 | A One – Day National Work Shop on outcome based education | AITAM, TEKKALI | 19-01-2013 |
| 50 | A Two – Day National Work Shop on Mathematical Techniques And Their Applications To Engineering Problems | MVGR CE, Vizianagaram | 25-05-2012 to 26-05-2012 |
| 51 | A Two – Day National Work Shop on Modern Trends In Applied Mathematics | Andhra University , Visakhapatnam | 9-10-2010 to 10-10-2010 |
| 52 | A ONE – Day National Work Shop on Mathematical Logic And Applications | VRSEC, Viziawada | 03-04-2010 |
| 53 | A Two – Day National Work Shop on Applications Of Mathematics Related To Engineering | AITAM, TEKKALI | 29-08-2008 to 30-08-2008. |
| 54 | A Two – Day National Work Shop on Numerical Methods In Engineering | NIT, Warangal | 04-04-2008 to 05-04-2008 |

29. Details of Sessions Chaired(03):

| SL.No | Details of Session Chaired | Place | Period |
|-------|-------------------------------------------------|-----------------|---------------|
| 01 | International Conference on General Relativity- | Sant Gadge Baba | 25-11-2015 |
| | 2015 Amaravati University, | | to 28-11-2015 |
| | | Amaravati | |
| 02 | International Conference on Emerging trends on | | 29-11-2018 |
| | engineering science, Technology and | AITAM, Tekkali | То |
| | Management-2018 | | 30-11-2018 |
| 03 | International Conference on Emerging Materials | AITAM, Tekkali | Nov-2022 |
| | for Technological Applications-2022 | ATTAWI, TEKKAII | 1NOV-2022 |

30. Details As Resource Person: (01)

| 01 | Life skills education to protect Intellectual Property and Leverage Ethical Behaviour | AITAM, Tekkali | 10-06-2019 To 23-06-2019 |
|----|------------------------------------------------------------------------------------------|----------------|--------------------------------|
|----|------------------------------------------------------------------------------------------|----------------|--------------------------------|

31. Details of Reviewer (05)

| Sr.No | Details of Review | Place | Period |
|-------|----------------------------------------------|-------------------------------|------------|
| 01 | I St Seminar on Information Technology and | Shinas College of Technology, | March-2015 |
| | Application Mathematics (SITAM) | Sultanate of Oman | |
| 02 | Reviewed for Indian Journal of Physics, | | |
| | Article Title: LRS Bianchi-I Bouncing | Springer Publications | 25-05-2020 |
| | Cosmological f(R,T) Gravity | | |
| 03 | Reviewed for Indian Journal of Physics, | | |
| | Article Title: Cosmological Models Generated | Springer Publications | 15-06-2020 |
| | Utilizing the Deceleration Parameter. | | |

| 04 | Book Chapter Reviewed Title of the Manuscript: EVERYTHING that is Wrong with Cosmology Publisher: Research Trends and Challenges in Physical Science | Book Name: New Frontiers in Physical Science Research: Book Publisher B P International-2022Print ISBN: 978-93-5547-366-0, eBook ISBN: 978-93-5547-367-7 Manuscript Number: Ms_BP_15503D_V1 | 11-01-2022 |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 05 | Book Chapter Reviewed: Title of the Manuscript: JWST Discoveries – Confirmation of World-Universe Model Predictions | Book Name: New Frontiers in Physical Science Research Book Publisher: B P International- 2023 Print ISBN: 978-93-5547-366-0, eBook ISBN: 978-93-5547-367-7 Manuscript Number: Ms_BP_4156C | 19-01-2023 |
| 06 | Article Reviewed: Title of the Manuscript: Nature's Entropy-Lowering Processes | Publisher: International Astronomy and Astrophysics Research Journal Manuscript Number: Ms_IAARJ_101654 | 10-06-2023 |

32. Details of Editorial ship (02)

| Sr.No | Details of Review | Place | Period |
|-------|-------------------------------------------------------------------------------------|-----------------------------------------------------|-------------------------|
| 01 | Editorial member for International Journal of Astrophysics and Space Sciences | , ISSN Print: 2376-7014, ISSN Online: 2376-7022, | 09-06-2020 to till date |
| 02 | Editorial member for Journal of Pure and Applied Mathematics | ISSN :2752-8081 | 13-01-2023 to till date |

33. Details of Online Certification Courses (07):

| SL.No. | Details of Course | Year | Agency |
|--------|-------------------------------------------------|------|----------------------|
| 01 | Advanced Graph Theory | 2023 | NPTEL |
| 02 | Discrete Mathematics | 2022 | NPTEL |
| 03 | Essential Mathematics for Mechine Learning | 2022 | NPTEL |
| 04 | 30 Hrs online Training /FDP | 2022 | E Dux Labs & |
| | Applied Machine Learning, AI & Its Applications | | E-Cell-IIT Hyderabad |
| | Using Pythone | | |
| 05 | Mathematical Methods and Its Applications | 2019 | NPTEL |
| 06 | Introduction to Abstract and Linear Algebra | 2018 | NPTEL |
| 07 | Calculus of One Real Variable | 2018 | NPTEL |

All the above information furnished by me is true to the best of my knowledge.

Date: 05/10/2023

Place: TEKKALI Signature of the Candidate