1. Name : Dr. Santhi Kumar Rajamahanthi
2. Employee ID : A5BSH00T09
3. Designation : Professor
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. 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

12. EDUCATIONAL QUALIFICATIONS :

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	2nd	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%

13. EXPERIENCE :

Sl.No.	Institute / Industry	Period		Cadre/Designation
		From	**To**	
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 Courses, Tekkali	10-07-2002	04-10-2004	Lecturer

14. **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.,.

15. Sponsored Projects: (Status Completed)

SL. No.	Sponsoring Agency	Title of the Project	Granted Amount	Status
1	UGC-SERO MRP-6933/18	Study On Bianchi-Type Dark Energy Cosmological Models In Certain Modified Theories Of Gravitation	2,77,999/-	Successfully Completed

16. Patents Details:

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	202241039559 Publication Date : 15-07 2022	Published

17. 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.%20Santhikumar_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

18. Memberships of Professional Societies and Other Organizations:

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

19. 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

20. Board of Studies Member:

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

21. Papers Presented (05)

Sl.No.	Tittle	Programmes	Place
01	A High Dimensional Bianchi Type-III Dark Energy Cosmological Model in Scale Co-Variant Theory of Gravitation	International Conference on General Relativity (ICGR-2015 b/w 25-28 NON-1015	Amaravati University, Amaravati, Maharastra-2015 25-28 NON-1015
02	Inventory Model for Non-Instaneous Deteriorating Items, Price And Power	Presented at International conference on Symposium on	1st &2nd May-2018, Organised

	Department Demand, And Completely Backlogging	Bridging Education & Industry for Next Generation	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

22. Published Papers in Journals (24)(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	International Journal of Astronomy, DOI:10.5923/j.astrono	e- ISSN: 2169-8856, p-ISSN: 2169-8848 Volume 4/ Number 1	DOI & Peer reviewed(US)

	Creation Cosmology	my.20150401.0	Page 01-04	
9	On Axially Symmetric CosmologicalModel with Strange Quark Matter attached to String Cloud in General Relativity	International Journal of Physics and Mathematical Sciences e	ISSN: 2277-2111 Volume 5 Issue 2 Page 40-45	Peer reviewed
10	A High Dimensional Bianchi Type-III Dark Energy Cosmological Model in Scale Co-VariantTheoryof Gravitation	Amaravathi University Research Journal	ISSN-0973-9173 Sp.Issue p-71-79	Peer reviewed
11	Anisotropic Bianchi Type-I cosmological model in modified theories of gravitation.	International Journal of computer and mathematical sciences	ISSN-2347-8527 Vol.5 Iss.2 P100-115	Peer reviewed
12	Some EOQ Model For Weibull Deterioration Items With Selling Price Dependent Demand.	International Journal of soft computing International Journal of Physics and Mathematical Sciences and engineering	ISSN: 2231-2307 Volume 4 Issue 1 Page 51 – 56	Peer reviewed
13	A note on fixed point theorem in D^* - Metric spaces.	Asian Academic Research Journals of Multidisciplinary	ISSN:2319-2801(e) Volume-I, Issue-12, page: 405-411.	Peer reviewed Impact factor-2
14	LRS Bianchi Type-i Cosmological Model in F(R,T) gravity with Stiff Fluid	International Journal of Current Research	ISSN: 0975-833X Vol. 8, Issue, 08, pp.35952-35954, August, 2016	Impact factor-6.226
15	Anisotropic LRS Binachi Type Cosmological Model in F(R,T) theory of Gravity with Radiating Fluid	International Journal of physics and Mathematical Sciences	Volume 6, Issue-3, , PP 8-11, ISSN : 2277-2111 September-2016	Peer reviewed
16	Accelerating Anisotopihic Cosmological model in f(R.T) theory of gravity	In Indian Journal of Physics. (SPRINGER)	ISSN 0973-1458(P), 0974-9845(E) **DOI: 10.1007/s12648-017-1017-z**) OCT-2017	SCI & SCOPUS/DOI Impact Factor : 1.166
17	Inventory Model for NonInstaneous Deteriorating Items, Price And Power Department Demand, And Completely Backlogging	Presented at International conference on Symposium on Bridging Education & Industry for Next Generation	1st &2nd May-2018, Organised by Sultanate of Oma Ministry of Higher Educatio College of Applie Sciences,Suhar, Oman	Int. Conference
18	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	Int. Conference

19	EQR Model for Deteriorating items with time and selling price dependent demand and time varyng holding cost under partial backlogging	The International Journal of Analytical and Experimental Model Analysis	Volume-XI, Isssue-XI, November-2019, ISSN No.0886-9367	UGC-CARE
20	The General Bianchi Type Dark Energy Cosmological Model in Modified Theories of Gravitation	The International Journal of Analytical and Experimental Model Analysis	Volume-XI, Isssue-XII, 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/ICIRCA54612.2022.9985709 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
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

23. FDP / STTP / Workshop Attended If Any As Delegates(51) :

S.No	Programme	Organized by	Duration
1	Essential Maths for Mechine Learning	NPTEL FDP	JUNE-OCT-2022
2	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
3	FDP on Fronties in Mathematics	SR- University-Warangal	12-02-2022
4	AICTE Training and learning (ATAL) academy online FDP on "Mathematics for Machine Learning"	AICTE	27/07/2021 to 31/07/2021
5	Number Theory and its Applications	Gates Institute of Technology Anantapur	14-06-2021 to 19-06-2021
6	AICTE Training and learning (ATAL) academy o FDP on Applied Mathematics (Computational Techniques)	AICTE	01-02-2021 to 05-02-2021
7	AICTE Training and learning (ATAL) academy FDP on Data Science	AICTE	15-02-2021 to 19-02-2021
8	AICTE Training and learning (ATAL) academy FDP on Photography	AICTE	09-02-2021 to 13-02-2021
9	Statistical Trends and Practices in Science and Technology	AITAM	04-07-2020 to 08-07-2020

10	Applications of Mathematics in Engineering	MGIT, Hyd	03-07-2020 to 04-07-2020
11	National Instructional work shop on Cryptology	School of computer and system science, JNU-Delhi	22-07-2020 to 27-07-2020
12	Applications of Mathematics in Engineering	KPR Institute of Technology	20-07-2020 to 25-07-2020
13	Applications of Mathematics in Science and Engineering	Vishnu, Bheemavaram	07-07-2020 to 11-07-2020
14	Recent advances In Mathematics and Statistics	GITAM, VISAKHAPATHAM	03-08-2020 to 08-08-2020
15	Matlab and Mathematica scientific research	Arul Anandar College Madhurai	27-07-2020 to 29-07-2020
16	Fuzzy Mathematics and its Applications	Govt College Daman	11-06-2020 to 13-06-2020
17	International Online FDP on Mathematical Sciences	Vignan's University	18-06-2020 to 24-06-2020
18	One Week STTP on Advanced Research Methodology	Online-Rest-Trust, Tamil Naidu	11-05-2020 to 15-05-2020
19	Three days work shop on Research Methodology	Online-Rest-Trust, Tamil Naidu	29-04-2020 to 31-04-2020
20	Three days work shop on Basic Optimization Technology	Online-Rest-Trust, Tamil Naidu	04-05-2020 to 06-05-2020
21	Three days work shop on Research Methodology	Rest-Trust, Tamil Naidu	29-04-2020 to 31-04-2020
22	Three days work shop on Basic Optimization Technology	Rest-Trust, Tamil Naidu	04-05-2020 to 06-05-2020
23	Statistical Analysis As An Interface In Engineering Problems	CBIT, HYDERABAD	13-06-2020
24	Matlab for Biginners	St. Joseph's College	29-06-2020
25	Applications of Numerical Analysis in Mathematics	Aurora PG College, Hyd	29-06-2020
26	A Popular talk on Mathematics	CBIT, HYDERABAD	20-06-2020
27	Mathematical Insights into Neural Networks with case studies	Sastra Deemed University	02-07-2020
28	How to read a research paper	Visakha Institute of Technology	18-07-2020
29	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
30	National Education Policy 2020 – What is it that we can do?	AITAM	15-09-2020
31	Applications of Statistics in Data Science	Gitam, Hyderabad	21-07-2020 to 22-07-2020

32	Challenges in Good learning and assessment – post COVID 19	AITAM	05-09-2020
33	NPTEL-FDP on Mathematical Methods and Its Applications ws	NPTEL	Jan-April-2019
34	A two day Work shop on Outcome Based Education	AITAM, TEKKALI	13-07-2019 to 14-07-2019
35	International Conference on Emerging trends on engineering science, technology and mahagement-18	AITAM, TEKKALI	29-11-2018 to 30-11-2018
36	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
37	One day work shop on Intellectual Property Right(IPR)	AITAM, TEKKALI	08-07-2018
38	Contemporarary Perspectives of Mathematical and Physical sciences pertaining to engineering and technology	AITAM, TEKKALI	18-09-2016 to 23-09-2016
39	One day work shop on Intellectual Property Right(IPR) in E & IT Sector	AITAM, TEKKALI	05-07-2016
40	A Three day training program on Pedagogy and Management Capacity Enhancement Programme for Teaching Staff	AITAM, TEKKALI	23-06-2016 to 25-06-2016
41	A Five day International work shop on REIMAGINE	AITAM, TEKKALI	03-08-2015 to 07-08-2015
42	A One – Day National Seminar on Mathematical Applications in Engineering and Sciences	Sri Sivani College of Engineering	13-05-2015
43	A one day Work shop on Outcome Based Education	AITAM,TEKKALI	09-03-2015
44	Training Programme on SPSS: Hands on Experience	AITAM,TEKKALI	19-11-2014 to 21-11-2014
45	A Two – Day National Work Shop on mathematical applications of engineering disciplines	AITAM,TEKKALI	4-02-2013 to 5-2-2013
46	One – Day National Seminar Programme on Mathematical Modeling in Engineering and Sciences	Sri Sivani College of Engineering	02-03-2013
47	A One – Day National Work Shop on outcome based education	AITAM, TEKKALI	19-01-2013
48	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
49	A Two – Day National Work Shop on Modern Trends In Applied Mathematics	Andhra University , Visakhapatnam	9-10-2010 to 10-10-2010
50	A ONE – Day National Work Shop on Mathematical Logic And Applications	VRSEC, Viziawada	03-04-2010
51	A Two – Day National Work Shop on Applications Of Mathematics Related To Engineering	AITAM, TEKKALI	29-08-2008 to 30-08-2008.
52	A Two – Day National Work Shop on Numerical Methods In Engineering	NIT, Warangal	04-04-2008 to 05-04-2008

24. Details of Sessions Chaired(02) :

SL.No	Details of Session Chaired	Place	Period
01	International Conference on General Relativity-2015	Sant Gadge Baba Amaravati University, Amaravati	25-11-2015 to 28-11-2015
02	International Conference on Emerging trends on engineering science, technology and management-2018	AITAM, Tekkali	29-11-2018 To 30-11-2018

25. 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

26. Details of Reviewer (05)

Sr.No	Details of Review	Place	Period
01	I St Seminar on Information Technology and Application Mathematics (SITAM)	Shinas College of Technology, Sultanate of Oman	March-2015
02	Reviewed for Indian Journal of Physics, Article Title: LRS Bianchi-I Bouncing Cosmological f(R,T) Gravity	Springer Publications	25-05-2020
03	Reviewed for Indian Journal of Physics, Article Title: Cosmological Models Generated Utilizing the Deceleration Parameter.	Springer Publications	15-06-2020
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-Jan-2023

27. Details of Editorial ship (02)

Sr.No	Details of Review	Place	Period
01	Editor for International Journal	International Journal of Astrophysics and Space Sciences , ISSN Print: 2376-7014, ISSN Online : 2376-7022 ,	09-06-2020 to till date

02	Editor for International Journal	Journal of Pure and Applied Mathematics ISSN :2752-8081	13-01-2023 to till date

28. Details of Online Certification Courses :

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

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

Date : 23/01/2023

Place: TEKKALI **Signature of the Candidate**