RESUME

Mailing Address:

Dr. K. L. SAI PRASAD

D.No:15-12-22/2

F.No:102, Suraj Apartments Opp. Simhadri Hospitals, Krishna Nagar, Maharani Peta VISAKHAPATNAM – 530 002

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Experience Summary:

I was awarded Doctorate degree in the field of Mathematics in the year 1996 by the Banaras Hindu University, Varanasi one of the premier Institutions of the country under the supervision of Prof. B. B. Sinha and Dr. Kalpana. To date, I have put in total 27 Years of Teaching Experience in India and abroad.

At present, I am working as an Associate Professor at GVP College of Engineering for Women. I have also been serving as **Head**, **Department of Basic Sciences and Humanities**, since 2008. Apart from regular academic duties, I have been entrusted with additional duties as an In-charge, Examinations in 2009. I have been discharging these duties to the best of my abilities and to the satisfaction of administration.

Total Years of Teaching Experience : 27 Years (For both UG and PG Students)

Ph.D. Students Guided : Two (JNTUK University, Kakinada)

No. of Ph. D. Students at present : One (Andhra University, Visakhapatnam)

No. of Ph. D. Thesis adjudicated : One (Karnatak University)

No. of **papers Published** in journals : Twenty Two

No. of papers presented in conferences : Fifteen

No. of Text Books Authored : Four

No. of **Text Book Chapters** Authored : Three

No. of conferences Conducted : Two-Funded by AICTE (National Level);

> One FDP-National Level (Online); One-Mini symposium (Online); and Four-as a Joint Secretary (International)

No. of Sessions **chaired** in an International Conf : One

: Stood College 2nd (at B. Sc. Level); **Academic Achievements**

Merit Scholarship at P. G. Level;

Got Distinction (in M. Sc.), B. H. U., Varanasi

Professional recognition:

- Andhra University, Visakhapatnam has recognized as a Research supervisor to guide the Ph.D., Research scholars.
- > The JNTUK, Kakinada has recognized as a Research supervisor to guide the Research scholars for both M.Phil, and Ph.D., degrees and till present, two research scholars have received their doctorate degree under my guidance.
- ➤ **In-charge of Examinations** at GVP College of Engineering for Women **since 2009**: Responsible for smooth conducting of all in-house examinations including of University end examinations.
- ➤ **Head-Department of Basic Sciences and Humanities** since 2008: Managing the Academic Curriculum and other related activities.
- > Served as a **BOS member** for Vignan Institute of Engineering and Technology (A).
- ➤ Team Member in **Academic Counsel** of Eritrea Institute of Technology for designing Syllabus for under-graduate Courses.
- ➤ **Assistant Chief Examiner** for conducting Term-End Examinations at Vellore Institute of Technology.
- ➤ AICTE, New Delhi has sanctioned an amount of Rs. 2.5 Lacks to conduct a 3- day National Seminar on Discrete Mathematics and its Applications for the Academic year, 2010-11.
- > Organised an AICTE sponsored 3-day National Seminar on Discrete Mathematics and its Applications (DMAA) from 10-12th February, 2011 as a Co-ordinator.
- AICTE, New Delhi has funded an amount of Rs. 2.0 Lacks to organize one more National Seminar on Advanced Mathematical Methods and Techniques for Engineering Sciences.
- As a Co-Ordinator **conducted Mini-symposium** on "Differential Geometry and its general Applications" at GVP College of Engineering for Women, as a part of an *International Conference on Recent Advances in Mathematical Sciences and Applications* (RAMSA-2021) on 23rd December, 2021.
- ➤ Organised One Week National Online Faculty Development Program "Mathematical Elements in Engineering and Applied Sciences" during 21st 25th July, 2020.
- ➤ Chaired a Session on Differential Geometry in an *International Conference on Recent Advances in Mathematical Sciences and Applications* (RAMSA'17) held at GVP College of Engineering, Visakhapatnam during 19-22nd December, 2017.
- > Organized an *International Conference on Recent Advances in Mathematical Sciences and Applications* (RAMSA'21, RAMSA'17, RAMSA'13 and RAMSA'09) at the level of Joint Secretary at GVP College of Engineering, Visakhapatnam during 19-22nd December, 2017.
- Contributed as a **project fellow** in a Major Research Project, sponsored by University Grants Commission, India.
- ➤ **Life Member** for various scientific associations includes Indian Mathematical Society, Indian Science Congress, Tensor Society of India.

EDUCATIONAL DETAILS:

S.NO	COURSE	BOARD/UNIV.	YEAR OF PASSING	% OF MARKS	DIVISION
1	Secondary School Certificate (10th class)	Board of Secondary Education, Andhra Pradesh	April'85	67.6	First
2	Intermediate (10+2 class)	Board of Intermediate Education, Andhra Pradesh. March'87		70.7	First
3	Bachelor of Science (10+2+3 class)	Nagarjuna University, Guntur Andhra Pradesh	April'90	72.8 (Stood college 2 nd highest)	First
4	Master of Science (Mathematics)	Banaras Hindu University, Varanasi Uttar Pradesh	April'92	76.2 (Distinction)	First
5	Doctor of Philosophy	Banaras Hindu University, Varanasi Uttar Pradesh	Ph.D. degree awarded in the year 1996 (Differential Geometry of Vector Bundles)		

PROFESSIONAL CAREER:

Name & address	Post held	Period		Total period in	Regular/Adhoc/
of the Inst./office	r ost neid	From To		cadre	Univ. ratified
GVP College of Engg. for Women, VSKP.	Associate Professor & Head	Since September, 2010		Since September, 2010	
GVP College of Engg. for Women, VSKP.	Asst. Professor (Sr. Grade) & Head	June'08	Aug'10	2 Years 2 Months	Ratified by J.N.T.U., Kakinada
GVP College of Engg., VSKP.	Asst. Professor (Sr. Grade)	Aug'06	May'08	22 Months	Ratified by J.N.T.U., Hyderabad
Eritrea Institute of Technology, Eritrea, N.E. Africa	Associate Professor	June'05	July '06	13 Months	Contract for 2 years
Vellore Inst. of Tech., Deemed Univ., Vellore	Asst. Professor (Sr. Grade)	Aug'03	April'05	21 months	Regular
Narayana Engineering College, Nellore	Asst. Professor & HOD	June'99	July'03	49 months	Ratified by J.N.T.U., Hyderabad
Nagarjuna University P. G. Centre, Ongole	Teaching Assistant	Oct'97	May'99	20 months	Adhoc
M.S.R. Jr. College, Ravinuthala	Junior Lecturer	June'96	Sept'97	15 months	Regular

- > Total Years of Teaching Experience: 27 Years
- > 12 years and 05 Months as an Associate Professor
- > Out of 27 Years of Teaching Experience, about Five years I handled various courses for Post Graduate students.

DETAILS OF VARIOUS COURSES HANDLED SO FAR:

Handled various courses in Mathematics for both under-graduate and post-raduate students (B. Sc., B.Tech., M. Tech. and M.Sc. courses).

- 1. Complex Analysis (for both B. Tech. and M.Sc. students).
- 2. Differential Equations (for both B. Tech. and M.Sc. students)
- 3. Discrete Mathematical Structures & Graph Theory (for B. Tech., M. Tech., and M. S. Soft-Ware Engineering students).

Courses handled for Post-Graduate students:

Course	Subject Handled	Semester	Year	Institution
M.Sc.(previous)	Ordinary Differential equations	1 st Year	1997 & 1998	N. U. P. G. Centre, Ongole
M.Sc.(previous)	Real Analysis	1 st Year	1997	N. U. P. G. Centre, Ongole
M.Sc.(Final)	Complex Analysis	2 nd Year	1998	N. U. P. G. Centre, Ongole
M.Tech. (C.S.)	Discrete mathematical Structures	1 st Year (1-sem)	2004	Vellore Institute of Technology, Vellore
M.S.(Soft-ware Engineering)	Graph Theory and its applications	1 st Year (1-sem)	2003 & 2004	Vellore Institute of Technology, Vellore

Details of the Text Books Authored:

S. No.	Title of the Published Text Book	Total No. of Authors	Total No. of Chapters in the Book	No. of Chapters authored	Name of the Publisher with ISBN Number	Year of Publica tion
1.	A Text Book of Engineering Mathematics-I (B. Tech Semester-1)*	3 rd Author among all 4 authors	SIX	SIX	UNIVERSITY SCIENCE PRESS (An Imprint of Laxmi Publications Pvt. Ltd.) ISBN:9789385750946	2017
2.	A Text Book of Engineering Mathematics-II (for Semesters-1 and 2 of B. Tech Students)*	2 nd author among two authors	SIX	SIX	UNIVERSITY SCIENCE PRESS (An Imprint of Laxmi Publications Pvt. Ltd.) ISBN: 9789352740703	2017
3.	A Text Book of Engineering Mathematics-III (B. Tech, Semester-2)*	2 nd author among two authors	SIX	SIX	UNIVERSITY SCIENCE PRESS (An Imprint of Laxmi Publications Pvt. Ltd.) ISBN: 9789352740857	2017
4.	A Text Book of Engineering Mathematics-1 (For R-10 Regulations B. Tech admitted students of all affiliated colleges of JNTUK-Kakinada)	2 nd author among two authors	EIGHT	TWO	EXCEL PUBLISHERS, New Delhi. ISBN:9788174469878	2010

(In total authored 20 chapters)

^{*}For R-16 Regulations admitted B. Tech students of all affiliated colleges of JNTUK-Kakinada

Details of the book chapters published:

- 1. **Dr. K. L. Sai Prasad,** Study on semi-symmetric Para-Kenmotsu Manifolds, **Chapter-3**, In: Current topics in Mathematics and Computer Science (Vol.9), 2021, 25-32, DOI: 10.9734/bpi/ctmcs/v9/4113F.
- 2. **Dr. K. L. Sai Prasad,** Studies on a type of Para-Kenmotsu Manifold, **Chapter-9,** In: Current topics in Mathematics and Computer Science (Vol.9), 2021, 92-99, DOI: 10.9734/bpi/ctmcs/v9/3841F.
- 3. **Dr. K. L. Sai Prasad:** Study on a class of P-Kenmotsu manifolds admitting Weyl-Projective curvature tensor of type (1, 3), **Chapter-3**, In: Recent Advances in Mathematical Research and Computer Science (Vol.1), 2021, 21-27, DOI:10.9734/bpi/ramrcs/v1/4441F.

Details of the Research papers published:

- 1. K. L. Sai Prasad, S. Sunitha Devi and G. V. S. R. Deekshitulu, On a class of Lorentzian paracontact metric manifolds, Italian Journal of Pure and Applied Mathematics, 49(1), 2023, 514-527, SCOPUS Indexed Journal.
- 2. Dr. K. L. Sai Prasad and S. Sunitha Devi, On certain classes of concircularly flat SP-Kenmotsu manifolds admitting quarter-symmetric metric connection, Mathematical Forum, Vol. 30, 2022 (UGC-CARE Listed Journal).
- 3. S. Sunitha Devi, K. L. Sai Prasad and T. Satyanarayana, Certain curvature conditions on Lorentzian para-Kenmotsu manifolds, Reliability: Theory & Applications, Source: SCOPUS Indexed Journal, Vol. 17, Issue 2(68), 2022, 413-421.
- **4.** S. Sunitha Devi, T. Satyanarayana and **K. L. Sai Prasad**, Curvature tensors in SP-Kenmotsu manifolds with respect to quarter-symmetric metric connection, Reliability: Theory & Applications, Source: **SCOPUS Indexed Journal**, Vol. 16, Issue 4(65), 2021, 210-218.
- **5. K. L. Sai Prasad**, S. Sunitha Devi and G. V. S. R. Deekshitulu, On a class of Lorentzian para-Kenmotsu manifolds admitting the Weyl-projective curvature tensor of type (1, 3), Italian Journal of Pure and Applied Mathematics, 45, 2021, 990-1001, Source: **SCOPUS Indexed Journal.**
- **6.** S. Sunitha Devi, I. V. Venkateswara Rao and **K. L. Sai Prasad**, On a class of SP-Kenmotsu manifolds admitting quarter-symmetric Metric connection, Far East Journal of Mathematical Sciences, Far East Journal of Mathematical Sciences, 115(2), 2019, 157-169.
 - **Details: UGC-CARE Listed Journal**; Journal No: 29237; Pushpa Publishing House; ISSN: 09720871; Source: **SCOPUS**; (Google-based Journal Impact Factor-2018, 1.34).
- **7. K. L. Sai Prasad**, S. Sunitha Devi and G. V. S. R. Deekshitulu On a Class of P-Kenmotsu Manifolds Admitting Weyl-projective curvature tensor of Type (1, 3), Turkish Journal of Analysis and Number Theory, 6(6), 2018, 155-158.
- **8.** S. Sunitha Devi, **K. L. Sai Prasad** and G. V. S. R. Deekshitulu, On Ricci pseudo-symmetric para-Kenmotsu manifolds, New Trends in Mathematical Sciences, 6(1), 2018, 222-228.
 - **Details: UGC-CARE Listed Journal**, Journal No: 48657; Yildiz technical University; ISSN: 21475520; Source: UNIV; (Global impact and quality factor 0.654).
- **9.** T. Satyanarayana, **K. L. Sai Prasad** and B. Satyanarayana, On a class of para-Kenmotsu manifolds, International Journal of Pure and Applied Mathematics, 115(4), 2017, 827-834.
 - **Details: UGC-CARE Listed Journal**, Journal No: 23425; Academic Publications Limited; ISSN: 13118080; Source: **SCOPUS Indexed Journal** (impact factor 5.44).

- **10.** S. Sunitha Devi, **K. L. Sai Prasad** and G. V. S. R. Deekshitulu, Conformal curvature tensor on para-Kenmotsu manifold, Turkish Journal of Analysis and Number Theory, 5(2), 2017, 27-30. (Google Scholar).
- **11.** S. Sunitha Devi, **K. L. Sai Prasad** and G. V. S. R. Deekshitulu, Ricci and Projective curvature tensors on a type of para-Kenmotsu manifold, International Journal of Pure and Applied Mathematics, 112(2), 2016, 273-280.
 - **Details:** UGC Approved List of Journal; Journal No: 23425; Academic Publications Limited; ISSN: 13118080; Source: **SCOPUS Indexed Journal**.
- **12.** T Satyanarayana and **K. L. Sai Prasad**, On Semi-symmetric para Kenmotsu manifolds, Turkish Journal of Analysis and Number Theory, 3(6), 2015, 145-148. (Google Scholar); (citations 2).
- **13. K. L. Sai Prasad** and T Satyanarayana, Some curvature properties on a special para Kenmotsu manifold with respect to semi-symmetric connection, Turkish Journal of Analysis and Number Theory, 3(4), 2015, 94-96 (Google Scholar).
- **14. K. L. Sai Prasad** and T Satyanarayana, On para-Kenmotsu manifolds satisfying certain conditions on the curvature tensors, Advances in Applied Science Research, 6(4), 2015, 108-113. (Google Scholar).
- **15. K. L. Sai Prasad** and T Satyanarayana, On a type of para Kenmotsu manifold, International Journal of Mathematical Sciences and Engineering. Applications, (IJMSEA), Vol. 9(1), 2015, 283-291.
 - **Details:** UGC-CARE Approved List of Journal; Journal No: 48305; Ascent International Journals; ISSN: 09737424; Source: UNIV; (impact factor 5.44).
- **16. K. L. Sai Prasad** and T Satyanarayana, On para Kenmotsu Manifold, International Journal of Pure and Applied Mathematics 90(1), 2014, 35-41.
 - **Details:** UGC-CARE Listed Journal; Journal No: 23425; Academic Publications Limited; ISSN: 13118080; Source: SCOPUS Indexed Journal.
- **17.** T. Satyanarayana and **K. L. Sai Prasad**, On a type of para Kenmotsu Manifold, Middle-East Journal of Scientific Research, 19(8), 2014, 1072-1075. Source: **SCOPUS Indexed Journal.**
- **18. K. L. Sai Prasad**, Certain classes of almost contact Riemannian Manifolds, International Mathematical Forum, 16(4), 2009, 773-778. (Google Scholar) (impact factor 0.235, citations 2).
- **19. K. L. Sai Prasad**, Quarter symmetric metric Finsler connections on Kenmotsu and P-Kenmotsu Vector bundles, International Mathematical Forum, 18(3), 2008, 847-855. (Google Scholar).
- **20. K. L. Sai Prasad**, Kenmotsu and p-Kenmotsu Finsler structures on Vector bundle, International Mathematical Forum, 17(3), 2008, 837-846. (Google Scholar).
- **21.** B. B. Sinha and **K. L. Sai Prasad**, A class of almost para contact metric Manifold, Bulletin of Calcutta Mathematical Society, 87, (1995), 307-312.
 - **Details: UGC-CARE Listed Journal,** Journal No: 9543; Calcutta Mathematical Society; ISSN: 00080659; Source: ICI.
- **22.** B. Sinha and **K. L. Sai Prasad**, Almost para contact semi-symmetric metric Finsler connections on Vector bundle, Indian Journal of Pure and Applied Mathematics, 26(3), 1995, 249-257, **SCOPUS Indexed Journal & Google Scholar.**

Papers Published in conference proceedings:

1. Presented a paper along with Mr. T. Satyanarayana in the 3rd International Conference of Gwalior Academy of Mathematical Sciences held at Maulana Azad National Institute of Technology, Bhopal during 22-26th September, 2013.

Title of the paper:" On a Type of para Kenmotsu Manifold"

 Presented a paper along with Mr. T. Satyanarayana in the A. P. Science Congress-2013 organized by Andhra Pradesh Akademi of Sciences held at The University of Hyderabad during 14- 16th November, 2013.

Title of the paper: "Some Curvature Properties of a Quarter Symmetric Metric Connection in an SP-Kenmotsu Manifold"

3. Presented a paper along with Mr. T. Satyanarayana in the International Conference on Recent Advances in Mathematical Sciences and Applications (RAMSA'13) held at GVP College of Engineering, Visakhapatnam during 19-22nd December, 2013.

Title of the paper: "Quarter Symmetric Metric Connection in an SP-Kenmotsu Manifold"

4. Presented a paper in the National Conference on Emerging Trends in Mathematical Sciences and Engineering Applications held at JNTUK-University, Kakinada during 23-24th May, 2014.

Title of the paper: "Quarter Symmetric non-metric Connection on P-Kenmotsu Manifold"

5. Presented a paper in the UGC Sponsored National Seminar on Recent Developments in Mathematics and its Applications held at Nagarjuna University, Nagarjuna Nagar, during $22^{nd} - 23^{rd}$ December, 2014.

Title of the paper: "On a type of Para-Kenmotsu Manifolds

6. Presented a paper along with Mr. T. Satyanarayana in the A. P. Science Congress-2015 organized by Andhra Pradesh Akademi of Sciences held at Sri Venkateswara University, Tirupathi during 7-9th November, 2015.

Title of the paper: "Projective Curvature Tensor on P-Kenmotsu Manifold"

7. Presented a paper along with Ms. S. Sunitha Devi in the A. P. Science Congress-2016 organized by Andhra Pradesh Akademi of Sciences held at P. B. Siddhartha College of Arts & Sciences, Vijayawada during 7-9th November, 2016.

Title of the paper: "Conformal Curvature Tensor on a Type of para-Kenmotsu manifold"

8. Presented a paper along with Ms. S. Sunitha Devi in the 104th Indian Science Congress-2017 held at Sri Venkateswara University, Tirupathi during 3-7th January, 2017.

Title of the paper: "Ricci and Projective Curvature Tensors on P- Kenmotsu Manifold"

9. Presented a paper along with Ms. S. Sunitha Devi in the 3rd A. P. Science Congress-2017 held at Andhra University, Visakhapatnam during 7th – 9th November, 2017.

Title of the paper: "On Certain Curvature Conditions of para-Kenmotsu manifolds with A canonical Paracontact Connection"

10. Presented a paper along with Dr. T. Satyanarayana in the 3rd A. P. Science Congress-2017 held at Andhra University, Visakhapatnam during 7th – 9th November, 2017.

Title of the paper: "W2-Curvature Tensor on Para-Kenmotsu Manifolds"

11. Presented a paper along with Ms. S. Sunitha Devi in the 83rd Annual Conference of Indian Mathematical Society held at Sri Venkateswara University, Tirupati during 12th – 15th December, 2017.

Title of the paper: "On Para-Kenmotsu Manifolds Admitting W2- curvature Tensor"

12. Presented a paper along with Ms. S. Sunitha Devi in the 3rd international conference on Recent Advances in Mathematical Sciences and Applications-2017, organized by GVP-Prof. V. Lakshmikantham Institute of Advanced Studies, GVP College of Engineering, Visakhapatnam during 19-22nd December, 2017.

Title of the paper: "On para-Kenmotsu manifolds with a canonical para-contact connection"

13. Presented a paper in the International Conference on Management, Sciences, Engineering and Applications (ICMSEA-2018) at BABA Institute of Technology and Sciences, Vizag during 20-22nd December, 2018.

Title of the paper: "On a Class of SP-Kenmotsu manifolds admitting quarter-symmetric metric connection"

14. Presented a paper in the UGC Sponsored Two Day National Seminar on Recent Trends on Mathematical Sciences and its Applications (RTMSA-2019) at Department of Mathematics, Acharya Nagarjuna University, Nagarjuna Nagar during 24-25th January, 2019.

Title of the paper: "On a Type of Lorentzian para-Kenmotsu Manifold"

15. Presented a paper in the National Conference on Recent Advances and Applications in Mathematics (NCRAAM-2019) at Department of Mathematics, Osmania University, Hyderabad during 26-27th February, 2019.

Title of the paper: "Concircular Curvature Tensor on A Class of SP-Kenmotsu Manifolds Admitting Quarter-Symmetric Metric Connection"

Details of the conferences attended:

- 1. Participated in the *International Congress of Mathematicians* (ICM-2010) held at Hyderabad, India during 19-27th August, 2010.
- 2. Attended **AICTE** sponsored *Staff Development programme* in **Mathematical Applications in Engineering** (MAE-09), from 22nd June 5th July '2009 conducted at GVP College of Engineering for Women, Visakhapatnam.
- 3. Attended *International conference* on Graph Theory and its Applications at Mata Amritanandamai Viswa Vidalaya Peetha, Ettimadai, Coimbatore during 9-11th December, 2005.
- 4. Attended **AICTE-ISTE** sponsored short *training programme* on **Fuzzy Logic and its Applications in Engineering,** from 5-16th July '2004, at Vellore Institute of Technology, Deemed University, Vellore.
- 5. Participated in the *Instructional conference on Riemann Surfaces*, recognized by *U.G.C. as Refresher course*, held in Department of Mathematics, University of Bombay, Bombay from 7th 28th December, 1995.

OBJECTIVES AND GOALS:

- I work with team spirit and with a sense of belonging to the organization by helping the administration.
- I counsel the students with concern their problems and deficiencies. I deal with their parents with courtesy while attending their grievances.
- I am confident that I can prove myself to the satisfaction of the university authorities and definitely I will be an asset to the concerned department and the University.

ADDRESSES OF REFEREES:

- 1. Prof. Dr. R. K. Goswami, Principal, GVP College of Engineering for Women, Madhurawada, Visakhapatnam, Andhra Pradesh, INDIA. e-mail: prof.rkgoswami@gypcew.ac.in; Mobile: 9100041968.
- 2. Prof. Dr. E. V. Prasad, Former Director of GVP College of Engineering for Women, Visakhapatnam; and Former Registrar of JNTUK, Kakinada, Andhra Pradesh, INDIA. e-mail: profevprasad@gvpcew.ac.in; Mobile: 8985909555.
- 3. Prof. Dr. K. V. S. Rao, Former Principal of GVP College of Engineering for Women, Visakhapatnam; and Former Registrar, Rajasthan Technical University, Kota, INDIA. e-mail: kvsrao12@gmail.com; Mobile: 9414787737.
- 4. Dr. A. S. V. Ravikanth, Associate Professor & Prof-in-Charge (Examinations), Department of Mathematics, National Institute of Technology, Kurukshetra 136119, Haryana, INDIA. e-mail:asvravikanth@gmail.com; Mobile: 9896031557.

PERSONAL DETAILS:

Name : KOTHURI LAKSHMI SAI PRASAD

Father's Name : Late. Sri. K. B. S. Rudreswara Rao

Spouse Name : Dr. K. Archana, M.Sc., M. Phil., Ph.D. (Bio-Technology)

Date of Birth : 12 - 08 - 1970

Nationality : Indian
Sex : Male
Marital Status : Married

Languages Known : English, Telugu and Hindi

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

05-06-2023 (Dr. K. L. Sai Prasad)