

**ANU COLLEGE OF ENGINEERING AND TECHNOLOGY
ACHARYA NAGARJUNA UNIVERSITY
NAGARJUNA NAGAR – GUNTUR 522 510, A.P., INDIA**

From:

Date: 06.03.2022

Dr. T.V.Pradeep Kumar,
Assistant Professor in Mathematics,
University Engineering College,
Acharya Nagarjuna University,
Nagarjuna Nagar – 522510
Guntur(dt), A.P., India.

To

Respected sir,

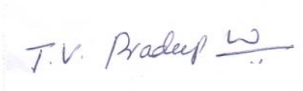
Sub: Application for the post of Professor in Mathematics – reg.

Ref:

With reference to your advertisement I am herewith submitting my Resume for the post of Professor in Mathematics in your organization. Please consider my application if possible.

Thanking you sir.

Yours faithfully,



T.V. Pradeep

BIO – DATA

1. Name : TUMURUKOTA VENKATA PRADEEP KUMAR

2. Father's Name: Lakshmi Narasimharao

3. Date of Birth : 15.06.1968

4. Category : OC

5.Address for communication : T.V.Pradeep kumar

Assistant Professor in Mathematics,

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Guntur (dt), A.P., INDIA

E-Mail: pradeeptv5@gmail.com

Cell No: 9290620490

6.Educational Qualifications :

Examination	Name of the Course	Subject	Year of Passing	% of marks obtained	Division	School / College studied	Name of the Board / University
Ph.D	Research	Mathematics	2008	---	---	ANU	ANU
M.Phil	Research	Mathematics	1998	---	---	ANU	ANU
M.Sc	PG	AO Maths	1993	65	I	BCAS, Bapatla	ANU
B.Sc	UG	M.P.C	1989	49	III	AC College, Guntur	ANU
IPE	Intermediate	M.P.C	1985	65	I	Govt.Jr.College, PGRL	IPE board
S.S.C.	S.S.C.	---	1983	66	I	MPZPHS, PGRL	SSC board

7. Experience :

S. No	Institution/University	Designation	From	To	Total Exp.
1	SS&N college Narasaraopet	Lecturer	01-09-1998	25-10-1999	1 yr
2	Gudlalleru Engineering college Gudlavallu	Assistant Prof.essor	27-10-1999	30-11-2006	7 yrs
3	Koneru Lakshmaiah college of engineering, Vaddeswaram	Assistant Prof.essor	06-12-2006	31-08-2008	2 yrs
4	Narasaraopet Engineering college Narasaraopet	Associate Professor	04-09-2008	31-08-2009	1 yr
5	ANU college of Engineering and Technology, Acharya Nagarjuna University	Assistant Prof.essor	01-09-2009	Till date	---

Number of degrees awarded (Under my guidance):

Ph. D : 08 ; M. Phil: 04

Doing Ph. D : 04

8. Research Publications:

- 1 Bhavanari Satyanarayana, T. V. Pradeep Kumar and M. Srinivasa Rao "On Prime left ideals in γ -rings", **Indian Journal of Pure & Appl. Mathematics** 31 (2000) 687 - 693. (INSA, New Delhi). (Zbl 0989. 16028)
- 2 Satyanarayana Bhavanari, Syam Prasad Kuncham, & Venkata Pradeep Kumar Tumurukota "On IFP N -groups and Fuzzy IFP ideals", **Indian Journal of Mathematics**, 46 (2004) 11-19. (Zbl. 1079. 16035)
- 3 Satyanarayana Bhavanari, Syam Prasad Kuncham & Venkata Pradeep Kumar Tumurukota "On Fuzzy Dimension of N -groups with DCC on Ideals", **East Asian Math. J.** 21 (2005), No. 2 pp. 205-216.
4. Satyanarayana Bhavanari Syam Prasad K., Pradeep Kumar T. V., and Srinivas T. "Some Results on Fuzzy Cosets and Homomorphisms of N -groups", **East Asian Math. J.** 23 (2007), No. 1, pp. 23-36.
5. Satyanarayana Bhavanari, Pradeep Kumar T. V., Sreenadh Sridharamalle and Eswaraiah Setty Sriramula, "On Completely prime and Completely Semi-prime Ideals in γ -near- rings", **International Journal of Computational Mathematical Ideas**, Vol-2, No. 1&2, 2010. PP 22-27 (ISSN: 0974 – 8652).
6. T. V Pradeep Kumar, Satyanarayana Bhavanari, Kuncham Syam Prasad and Mohiddin Shaw Sk, "Some Results on Completely Semi-Prime Ideals in Gamma Near-rings", Proceedings of the National Seminar on Present Trends in Mathematics and its Applications, November 11-12 (2010). PP 101-105.
7. Satyanarayana Bhavanari, Mohiddin shaw Sk, Mallikarjun Bhavanari and Venkata Pradeep Kumar Tumurukota, " A Graph Related to the Ring of Integers Modulo n ", **Acta Ciencia Indica**, Vol. 36 M, (2010) PP 699 – 706.
- [8] N.V. Nagendram, Dr.T.V.Pradeep Kumar & Dr. Y. Venkateswara Reddy, 'Semi Simple near-fields generating from Algebraic K-theory', International Journal of Mathematical Archive(IJMA) -3(12), 2012, ISSN 2229-5046, Pp. 1-7.
- [9] N.V. Nagendram, Dr. T. V. Pradeep Kumar & Dr. Y. Venkateswara Reddy, 'A note on generating near fields effectively: Theorems from Algebraic-Theory', International Journal of Mathematical Archive -3(10), 2012, ISSN 2229-5046, Pp. 3612-3619.
- [10] N V Nagendram, T Radha Rani, Dr T V Pradeep Kumar and Dr Y V Reddy "A Generalized Near Fields and (m, n) Bi-Ideals over Noetherian regular Delta-near rings " , communicated to International Journal of Theoretical Mathematics and Applications(TMA), Greece, Athens, dated 08-04-2012.
- [11] N V Nagendram, Smt. T. Radha Rani, Dr T V Pradeep Kumar and Dr Y V Reddy "Applications of Linear Programming on optimization of cool freezers" Published in International Journal of Pure and Applied Mathematics, IJPAM-2012-17-670 Vol-75 No-3(2011).

[12] N V Nagendram, Ch Padma, Dr T V Pradeep Kumar and Dr Y V Reddy "A Note on Pi-Regularity and Pi-S-Unitality over Noetherian Regular Delta Near Rings" Published in International Electronic Journal of Pure and Applied Mathematics, IEJPAM-2012-17-669 Vol-75 No-4(2011).

[13] N V Nagendram, Ch Padma, Dr T V Pradeep Kumar and Dr Y V Reddy "Ideal Comparability over Noetherian Regular Delta Near Rings" Published in International Journal of Advances in Algebra, Vol:5,NO:1(2012),pp.43-53.

[14] N. V. Nagendram, S. Venu Madava Sarma and T. V. Pradeep Kumar, "A NOTE ON SUFFICIENT CONDITION OF HAMILTONIAN PATH TO COMPLETE GRPHS", IJMA-2(11), 2011, pp.1-6.

[15] N V Nagendram, Dr T V Pradeep Kumar and Dr Y V Reddy "On Noetherian Regular Delta Near Rings and their Extensions(NR-delta-NR)", IJCMS, Bulgaria, IJCMS-5-8-2011, Vol.6, 2011, No.6, pp. 255- 262.

[16] N V Nagendram, Dr T V Pradeep Kumar and Dr Y V Reddy "On Semi Noetherian Regular Matrix Delta Near Rings and their Extensions ", Advances in Algebra , Volume 4, Number 1(2011), pp.51-55.

[17] N V Nagendram, Dr T V Pradeep Kumar and Dr Y V Reddy "On Boolean Noetherian Regular Delta Near Ring", International Journal of Contemporary Mathematics , Vol. 2, No. 1-2, Jan-Dec 2011, pp. 23-27.

[18] N V Nagendram, Dr T V Pradeep Kumar and Dr Y V Reddy "On Bounded Matrix over a Noetherian Regular Delta Near Rings", Int. J. of Contemporary Mathematics, Vol. 2, No. 1-2, Jan-Dec 2011, pp.11-16 .

[19] N V Nagendram, Dr T V Pradeep Kumar and Dr Y V Reddy "On Strongly Semi Prime over Noetherian Regular Delta Near Rings and their Extensions", Int. J. of Contemporary Mathematics, Vol. 2, No. 1, Jan-Dec 2011 ,pp.69-74.

[20] N V Nagendram, Dr T V Pradeep Kumar and Dr Y V Reddy "On IFP Ideals on Noetherian Regular Delta Near Rings", Int. J. of Contemporary Mathematics, Vol. 2, No. 1, June 2011, pp 53 – 58.

[21] N V Nagendram, Dr T V Pradeep Kumar and Dr Y V Reddy "On Structure Theory and Planar of Noetherian Regular delta-Near-Rings", International Journal of Contemporary Mathematics, IJCM , 2011, pp:79-83.

[22] N V Nagendram, Dr T V Pradeep Kumar and Dr Y V Reddy "On Matrix's Maps over Planar of Noetherian Regular delta-Near-Rings ", International Journal of Contemporary Mathematics, IJCM, accepted for international conference conducted by IJSMA, New Delhi December 18, 2011, pp:203-211.

[23] N V Nagendram, Dr T V Pradeep Kumar and Dr Y V Reddy "Some Fundamental Results on P-Regular delta-Near-Rings and their extensions ", International Journal of Contemporary Mathematics, IJCM, Jan-Dec 2011, vol.2, No.1-2, PP.81-85.

[24] N V Nagendram, Dr T V Pradeep Kumar and Dr Y V Reddy "A Generalized ideal based-zero divisor graphs of Noetherian regular Delta-near rings ", International Journal of

Theoretical Mathematics and Applications (TMA) accepted and published by
TMA, Greece, Athens, vol.1, no.1, 2011, 59-71,, International Scientific Press, 2011.

[25] N V Nagendram, Dr T V Pradeep Kumar and Dr Y V Reddy "Inversive Localization of Noetherian regular Delta-near rings " , International Journal of Pure And Applied Mathematics published by IJPAM-2012- vol-75 No-3, SOFIA, Bulgaria.

[26] N V Nagendram, S V M Sarma, Dr T V Pradeep Kumar "A note on Relations between Barnette and Sparse Graphs" published in an International Journal of Mathematical Archive (IJMA), An International Peer Review Journal for Mathematical, Science & Computing Professionals, 2(12), 2011, pg no.2538-2542.

[27] D. R. K. Reddy, R. Santhi Kumar, T. V. Pradeep Kumar "Kaluza-Klein Universe with Cosmic Strings and Bulk Viscosity in a Scalar-Tensor Theory of Gravitation

[28] D. R. K. Reddy, R. Santhi Kumar, T. V. Pradeep Kumar, International Journal of Theoretical Physics (Impact Factor: 1.09). 04/2013; 52(4):1214-1220.

[29] P.Jyothi, T.V.Pradeep Kumar "A Note on Regular Polynomial Near- Rings" International Review of Fuzzy Mathematics, Vol 7, No.1 (2012), pp 1-5.

[30] P.Jyothi, T.V.Pradeep Kumar "A Note on Weakly Von-Neumann Regular Near-Rings" International Journal of Mathematical Sciences, Vol 11, No. 3-4, (2012), pp 373-377.

[31] P.Jyothi, T.V.Pradeep Kumar "A Note on Cohen – Macaulay Associated Graded Near-Rings" International Journal of Mathematical Archive, Vol 3, No.5 (2012), pp 1795-1801.

[32] P.Jyothi, T.V.Pradeep Kumar "A Note on Normal Ideals in Regular Near- Rings" which was published in International Journal of Mathematical Archive, Vol 3, No.5, (2012), pp 1789-1794.

[33] P.Jyothi, T.V.Pradeep Kumar "On Regular Local Near - Rings" International Journal of Mathematical Sciences and Applications, Vol 2, No.2, 2012, PP 693 – 696.

[34] S V M Sarma, T V Pradeep Kumar "Some Fundamental Results In Inference And Median Graphs" International J. of Math. Sci. & Engg. Appls. (IJMSEA) ISSN 0973-9424, Vol. 6 No. III (May, 2012), pp. 47-54.

[35] S V M Sarma, T V Pradeep Kumar " A Note On Relation Between Hamiltonian And Voronoi Graphs" International Journal of Emerging Technology and Advanced Engineering .

[36] Smt. T Madhavi Latha, Dr T V Pradeep Kumar and Dr N V Nagendram, "Commutative Prime Γ -near-field spaces with permuting Tri-derivations over near-field " ,IJMA Dec, 2017, Vol.8, No.12, ISSN NO.2229 – 5046, Pg No. 1 – 9.

[37] Smt. T Madhavi Latha, Dr T V Pradeep Kumar and Dr N V Nagendram, "Fuzzy sub near-field spaces in Γ - near-field space over a near-field " ,IJMA Nov, 2017, Vol.8, No, 12, ISSN NO.2229 – 5046, Pg No.188 – 196.

- [38] Smt. T Madhavi Latha, Dr T V Pradeep Kumar and Dr N V Nagendram, “Gamma Semi Sub near-field spaces in gamma near-field space over a near-field PART I “ ,IJMA Jan, 2018, Vol. 9, No, 2, ISSN NO.2229 – 5046, Pg No.135 – 145.
- [39] Smt. T Madhavi Latha, Dr T V Pradeep Kumar and Dr N V Nagendram, “Gamma Semi Sub near-field spaces in gamma near-field space over a near-field PART II “ ,IJMA 14 Feb, 2018, Vol. 9, No, 3, ISSN NO.2229 – 5046, Pg No.6 – 12.
- [40] Smt. T Madhavi Latha, Dr T V Pradeep Kumar and Dr N V Nagendram, “Gamma Semi Sub near-field spaces in gamma near-field space over a near-field PART III “ , IJMA 26 Feb, 2018, Vol. 9, No, 3, ISSN NO.2229 – 5046, Pg No.86 – 95.
- [41] Smt. T Madhavi Latha, Dr T V Pradeep Kumar and Dr N V Nagendram, “Gamma Semi Sub near-field spaces in gamma near-field space over a near-field PART IV “ ,IJMA 09 Mar, 2018, Vol. 9, No, 4, ISSN NO.2229 – 5046, Pg No.1 – 14.
- [42] T Madhavi Latha 1 , Dr T V Pradeep Kumar 2 and Dr N V Nagendram 3 “Part III Characters of Nagendram Gamma semi sub near-field spaces of a Gamma-near-field space over near-field ” March 2020, “,IJMA, Vol. 11, No, 3, ISSN NO.2229 – 5046, Pg No . 30-33.
- [43] Venu Madhava Sarma .S and T.V. Pradeep Kumar “A Note On Sufficient Condition Of Hamiltonian Paths To Complete Graphs” by International Journal of Mathematical Archive-2(11), 2113-2118. 2011.
- [44] Venu Madhava Sarma.S and T.V. Pradeep Kumar “A Note On Relations Between Barnette And Sparse Graphs” by International Journal of Mathematical Archive-2(12), 2538-2542, 2011.
- [45] Venu Madhava Sarma.S and T.V.Pradeep Kumar “Some Fundamental Results in Inference And Median Graphs” International J. of Math. Sci. & Engg. Appls. (IJMSEA) ISSN 0973-9424, 6(3), 47-54, 2012.
- [46] Venu Madhava Sarma.S and T.V.Pradeep Kumar “A Note On Planar And Sparse Graphs” by proceedings of Two Day UGC National seminar on “Modern Trends in Mathematics and Physical Sciences (NSMTMPS - 2012) dated 20th , 21st Jan, 2012.
- [47] Venu Madhava Sarma. S and T.V Pradeep Kumar “A Note On Planar And Median Graphs” by Proceedings of the Two days National Conference on Mathematical Sciences and Computational sciences organized by Department of Mathematics Adikavi Nannayya University sponsored by Andhra Pradesh State Council of Higher Education with ISBN:978-81-923777-3-5 page no: 119-120.
- [48] Ravi Babu, N., Pradeep Kumar, T.V., Srinivasa Rao, P.V. : weakly 2-absorbing ideals of so-rings, International Journal of Scientific and Innovative Mathematical Research (IJSIMR), Vol. 5(7), pp. 29-35, ISSN: 2347-3142, 2017. (DOI: <http://dx.doi.org/10.20431/2347-3142.0507003>)

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[50] Ravi Babu, N., Pradeep Kumar, T.V., Srinivasa Rao, P.V. : Semi-2-absorbing ideals in so-rings, International Journal for Research in Engineering Application & Management (IJREAM), pp. 106-111, ISSN : 2454-9150, 2018.

[51] Ravi Babu, N., Pradeep Kumar, T.V., Srinivasa Rao, P.V. : 2-absorbing and weakly 2-absorbing subsemimodules, International Journal of Mathematics Trends and Technology (IJMTT), Vol. 58(3), pp. 205-214, ISSN : 2231-5373, June 2018.

[52] Ravi Babu, N., Pradeep Kumar, T.V., Srinivasa Rao, P.V. : 2-absorbing ideals in so-rings, Accepted by International Journal of Pure and Applied Mathematics(IJPAM).

[53] Ravi Babu, N., Pradeep Kumar, T.V., Srinivasa Rao, P.V. : Weakly 2-absorbing primary ideals in so-rings, Accepted by International Journal of Pure and Applied Mathematics(IJPAM).

[54] Ravi Babu, N., Pradeep Kumar, T.V., Srinivasa Rao, P.V. : 2-absorbing primary subsemimodules over partial semirings, Communicated to Journal of Indian Mathematical Society(JIMS).

9. Books Published:13

S.No	Authors	Title, Publisher	Year
1.	Bhavanari Satyanarayana Mr. K. Syam Prasad Mr. V. Dharma Rao Mr. T. V. Pradeep Kumar & Smt. T. Madhavi Latha	"Introduction to Mathematics & Statistics" , (Quantitative Methods) (for M. A), Technical Publishers, Guntur	1996
2.	Bhavanari Satyanarayana K. Syam Prasad Authors: T.V. Pradeep Kumar T. Madhavi Latha & A. Padmavathi	"Discrete Mathematics" , (for BCA/MCA) Maruthi Publishers, Guntur	1999
3	Bhavanari Satyanarayana Mr. K. Syam Prasad Mr. T. V. Pradeep Kumar & Mr. M. Srinivasa Rao	"Algebra" B. Ramakotaiah & Co., Madugula, Guntur Dt.	1999
4.	. Bhavanari Satyanarayana Mr. K. Syam Prasad Mr. T. V. Pradeep Kumar & Mr. M. Srinivasa Rao	"Topology" B. Ramakotaiah & Co., Madugula, Guntur Dt.	1999
5	Dr. Bavanari . Satyanarayana Dr. K. Syam Prasad & T.V. Pradeep Kumar	"Linear Programming" B. Ramakotaiah & Co., Madugula, Guntur Dt.	2000
6	Bh.avanari Satyanarayana . K. Syam Prasad & T.V. Pradeep Kumar	"Rings and Modules" B. Ramakotaiah & Co., Madugula, Guntur Dt.	2000
7	. Bhavanari Satyanarayana Mr. K. Syam Prasad & Mr. T. V. Pradeep Kumar	"Analysis" B. Ramakotaiah & Co., Madugula, Guntur Dt.	2000
8	Bhavanari Satyanarayana J. Venkateswarlu & T.V Pradeep Kumar	"Quantitative Methods Part-II" (Telugu medium) (for II yr B.Com students) Jai Bharat Publishers, Guntur	2001
9	Bhavanar I Satyanarayana K. Syam Prasad, T. Srinivas	"Discrete Mathematics" (for MCA students) Centre for Distance Education, Acharya Nagarjuna University, Andhra Pradesh.	2008

	Mr. T. V. Pradeep Kumar		
10	Bhavanari Satyanarayana . Kuncham Syam Prasad, T V Pradeep Kumar, T. Srinivas	“Discrete Mathematics, Part 1” , (for B.Sc., Information Technology students), Centre for Distance Education, Acharya Nagarjuna University, Andhra Pradesh	2008
11	Bhavanari . Satyanarayana, . Kuncham Syam Prasad, T V Pradeep Kumar, T. Srinivas	“Discrete Mathematics, Part 2” , (for B.Sc., Information Technology students), Centre for Distance Education, Acharya Nagarjuna University, Andhra Pradesh	2008
12	Bhavanari Satyanarayana . T V Pradeep Kumar, Sk. Mohiddin shaw	“Mathematical foundations for computer Science” BSP Publishers, Hyderabad	2015
13	Bhavanari Satyanarayana T. V. Pradeep Kumar D.Srinivasulu	Linear algebra & Vector Calculus Studera Press, New delhi	2017

10. Conferences/symposiums/workshops:

(a) Refresher Course s/ Workshops:

Name / Title	Organized by	Duration	Year
Instructional Design and Delivery	Technical Teachers Training Institute , Madras	6 days	2003
The workshop in mathematics for Post Graduation teachers	Department of Mathematics, Acharya Nagarjuna University, Nagarjunanagar	2 days	2004
Recent Trends in mathematics applied to Science and Technology	Gudlavalleru Engineering College, Gudlavalleru.	3 days	2006
Faculty Development work shop on “Teaching- Learning- Methodologies”	Koneru Lakshmaiah College of Engineering and Technology, Vaddeswaram.	2 days	2008
A National Work Shop on “Applications of Mathematics in Engineering and Science”	Narasaraopet Institute of Technology, Narasaraopet	2 days	2009
Faculty development programme	Tirumala Engineering College, Narasaraopet	2 days	2009
A Two day National work shop	Aditya Institute of Technology and management, Tekkali	2 days	2013

(b) Papers Presented in the Conferences / Seminars :

Title of the Conference / Seminar	Organized by	Title of the Paper	Year
Pure Mathematics Seminar – 2001	University of Calcutta	On IFP N – groups and Fuzzy IFP ideals”.	2001
A seminar on Engineering Mathematiccs	Sambharam Institute of Technology, Bangalore.	----	2004

A two day National Seminar	Department of Maths, Acharya Nagarjuna University	Some results on Gama near rings	2006
International conference on Non- commutative Rings, Group Rings, Diagram Algebras and applications	University of Madras, Chennai	On prime left ideals in gamma rings	2006
National conference on Mathematics and its applications.	Sri Venkateswara University, Tirupathi	A few Types of prime ideals in Gamma rings”.	2006
A National seminar MILAN – 2009	Andhra Layola College, Vijayawada	Some basic concepts on gamma rings	2009
A two day National Seminar	Smt.G.Sakuntamma degree College, Jaggayyapet	Some results on completely semiprime ideals in gamma near rings	2010
A two day National seminar on present trends in algebra	JMJ College for women, Tenali	Some types of prime ideals in gamma near rings	2011
A one day seminar	AIMEd, Vijayawada	Operations on fuzzy sets	2011
A one day National Seminar	KBN College , Vijayawada	Gamma near rings	2011
A National Seminar	SV University, Tirupathi	A brief note on gamma prime and semi prime ideals	2013

(c) Invited talks delivered at Conferences / Seminars :

Title of the Conference / Seminar	Organized by	Title of the Talk	Year
National conference on Algebra and its Applications With Latest Trands	VSR and NVR college, Tenali	Some results on fuzzy dimension and Homomorphism of N- groups”.	2008

11. Life member in:

(i) Association for Improvement of Mathematics Education, Vijayawada.

(ii) Andhra Pradesh Society for Mathematical Sciences, Hyderabad.

12. Honorary editor for International J. of Computational Mathematical Ideas.