

CURRICULUM VITAE

Dr. Lavudya Bhaskar,

M.Sc., B.Ed., Ph.D.

Assistant Professor (Part-time)

Department of Mathematics

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I received National Fellowship for Higher Education, Ref: UGC-Lr.No: F1-17.1/2015-16/NFST-2015-17-ST-TEL-2040/(SA-III Website) April 2016) Government of India,

CAREER OBJECTIVES

- To be a competent and independent researcher, create new knowledge, and use my presentation and teaching skills to motivate young minds.
- To use their creativity in research to expand my knowledge beyond the field of Algebra(Near Rings and Near Algebras) and Fuzzy Abstract Algebra.
- To work in a challenging and stimulating environment of teaching and research.

ACADEMIC PROFILE:

Particulars of Educational Qualifications

Exam. Passed	Board/University	Subject	Year	Division / Grade	Percentage(%)
SSC	Board of Secondary Education, A.P	Mathematics	2004	1 st	78.83%
Intermediate	Board of Intermediate Education, A.P	Mathematics, Physics, Chemistry	2006	2 nd	57%
Degree(B.Sc)	Kakatiya University	Mathematics, Chemistry, Computer Science	2009	1 st	65.61%
B.Ed	Osmania University	Mathematical Science	2010	1 st	64%
M.Sc	Kakatiya University	Mathematics	2012	1 st	75.85
Ph.D	Kakatiya University	Mathematics	2019	Awarded on 30 th July, 2019	-

TEACHING PROFILE:

1. From July 2012 to April 2014 as a Lecturer in the Department of Mathematics, Supraja Engineering College, Ghanpur, Warangal.
2. From July 2014 to April 2016 as an assistant professor (part-time) in the Department of Mathematics, KU College of Engineering and Technology, Kakatiya University, Warangal.
3. From August 2016 to July 2019 as an assistant professor (Honorarium basis) in the Department of Mathematics, Kakatiya University, Warangal.
4. Worked as UG part-time teaching faculty in SDLCE, Kakatiya University, from 2014 to 2016.
5. Presently working as an assistant professor (part time) in the Department of Mathematics, Kakatiya University.

RESEARCH PROFILE:

Area of Specialization : Algebra (Near-Rings and Near-Algebras) and Fuzzy Abstract Algebra

Title of Ph.D. Thesis : Contribution to Near-rings and Vague Near-Algebras

Ph.D. Supervisor : Prof. T. Srinivas., Professor of Mathematics, Kakatiya University, Warangal, Telangana.
Phone: 9866443836,

Email: thotasrinivas.srinivas@gmail.com

No. of Papers published : **13**

No. of Papers communicated : **04**

No. of Conferences attended : **17**

No. of Papers presented at conferences : **11**

No. of FDP/workshop attended : **07**

Online Webinar Conferences Participated **05**

SUBJECTS TAUGHT

UG: 1. Algebra 2. Linear algebra 3. Real Analysis
4. Engineering Mathematics-I 5. Engineering Mathematics-II

PG: 1. Algebra 2. Real Analysis 3. Topology
4. Complex Analysis 5. Integral Equations
6. Linear algebra 7. Fundamentals of Statistics

ACADEMIC ASSOCIATION

- A Life Member in Andhra Pradesh and Telangana Society for Mathematical Sciences, Osmania University, Hyderabad, T.S.

COMPUTER SKILLS

- Typesetting Software LATEX(WinEdt) and Microsoft office.

LIST OF PUBLICATIONS

1. **L. Bhaskar**, T. Nagaiah, P. Narasimha Swamy & T. Srinivas, Sum of Vague Ideal of Gamma Near-ring-International Journal of Engineering & Technology, Vol.7(4.10), 2018, pp. 4-9, ISSN: 2227-524X, DOI: 10.14419/ijet.v7i4.10.20693. **(Scopus)**
2. C. Saraswathi, P. Narasimha Swamy and **L. Bhaskar**, Interval Valued anti Fuzzy Near Algebra over Interval Valued anti fuzzy field, Advances in Mathematics: Scientific Journal, 9(11), 2020, pp.9129-9136, ISSN: 1857-8365. **(Scopus)**
3. P. Narasimha Swamy, K. Vijay Kumar, **L. Bhaskar** & T. Srinivas, Fuzzy Gamma Near-Algebra Over Fuzzy Field-International Journal of Pure and Applied Mathematics (IJPAM), Volume 118, No. 1, February 2018, PP 95-103, ISSN:1314-3395. **(Scopus)**
4. **L. Bhaskar**, P. Narasimha Swamy & T. Srinivas, A Note on Vague Ideal of a Near-Algebra-International Journal of Creative Research Thought (IJCRT), Vol.6, Issue-2, April 2018, PP 245-250, ISSN: 2320-2882. **(UGC Care listed)**
5. **L. Bhaskar**, P. Narasimha Swamy and T. Srinivas, Anti Vague Near Algebra over Anti Vague Field, AIP Conference Proceedings, Vol.2246, 020080-88(2020), ISSN: 1551-7616. **(Scopus)**

6. T. Nagaiah, **L. Bhaskar** & T. Srinivas, T-Fuzzy Ideal of Partially Ordered Near-Ring-International Journal of Pure and Applied Mathematics (IJPAM), Volume 120, No. 7, 2018, PP. 175-183, ISSN:1314-3395. **(Scopus)**
7. C. Saraswathi, P. Narasimha Swamy and **L. Bhaskar**, Interval valued fuzzy ideals of near algebras, Malaya Journal of Matematik, Vol. S(1), p. 177-182, 2020. **(UGC Care listed)**
8. **L. Bhaskar**, P. Narasimha Swamy and T. Srinivas, Sum of vague ideals of near rings, AIP Conference Proceedings , Vol.2177(1), (2019), DOI no: 10.1063/1.5135192. **(Scopus)**
9. **L. Bhaskar**, P. Narasimha Swamy & T. Srinivas, Some Results on an Anti Vague Field-International Journal of Pure and Applied Mathematics (IJPAM), Volume 117, No. 13, December 2017, PP 127-133, ISSN:1314-3395.**(Scopus)**
10. T. Nagaiah & **L. Bhaskar** & T. Srinivas, Fuzzy ideal of Partially Ordered Near-Ring – International Journal of Scientific and Innovative Mathematical Research (IJSIMR) Volume 5(8), 2017, pp.8-14, ISSN: 2347-3142.**(UGC Care listed)**
11. C. Saraswathi, P. Narasimha Swamy, K. Vijay Kumar and **L. Bhaskar** Bipolar Fuzzy Gamma Near Algebra Over Bipolar Fuzzy Field, AIP Conference Proceedings, Vol.2246(1), pp.20017-20026, (2020). **(Scopus)**
12. **L. Bhaskar**, A.K.S. Chandra Shekar Rao & T. Srinivas, Some Theorems on SS-Elements of a Ring- Palestine Journal of Mathematics. **(Accepted) (Scopus) 2021.**
13. T. Nagaiah, **L. Bhaskar**, & P. Narasimha Swamy , Neutrosophic Algebras -Neutrosophic Sets and System. Vol.50, pp.110-118, (2022) **(Scopus)**

PAPERS COMMUNICATED

1. P. Narasimha Swamy, **L. Bhaskar** & T. Srinivas, A note on Vague Near-Algebra-Facta Universitatis: Ser. Math. Inform.
2. **L. Bhaskar**, P. Narasimha Swamy & T. Srinivas, Vague Gamma Near-Algebra over a vague field, Southeast Asian Bulletin of Mathematics .
3. **L. Bhaskar**, P. Narasimha Swamy and Shankar Rao Munjam, Bipolar vague near algebra over bipolar vague field, Algebras and Representation Theory.

PAPERS PRESENTED AT CONFERENCES:

1. "Some Results on t-fuzzy ideal of Partially Ordered near-ring" -International Conference on Applicable Mathematics (ICAM-2016), held at Department of Mathematics Stella Maris College, Chennai from 30 November & 1 December 2016.
2. "A Characterization of fuzzy ideal in a Partially Ordered Near-ring" – Silver Jubilee Congress of APSMS-2016 & National Conference held at Department of Mathematics N.B.KR. Institute of Science and Technology (Autonomous), Vidyanagar, Nellore, AP from 9th -11th December, 2016.
3. "A note on vague near-algebra over a vague field" – XXVI Congress of APSMS & National Conference on Recent Advances in Mathematics held at Department of Mathematics, Kakatiya University, Warangal, and Telangana from 11th -13th August, 2017.
4. "Vague ideal of a near-ring"–International Conference on Mathematical Impacts in Science and Technology, held at Department of Mathematics, Bannari Amman Institute of Technology, Erode, Tamilnadu from 17th &18th November, 2017.
5. "Some results on vague near-algebra over a vague field"- International Conference on Innovations in Commerce and Science, held at Nizam College (Autonomous), Hyderabad from 29th & 30th November, 2017.
6. "Sum of vague ideal of gamma near-ring"- International Conference on Advance in Mathematical Sciences (ICAMS), held at Department of Mathematics, VIT University, Vellore, Tamilnadu from 1st -3rd December, 2017.
7. "Some results on an anti vague field"- International Conference on Advance in Applicable Mathematics, held at Department of Mathematics, Bharathiar University, Coimbatore, Tamilnadu from 07th & 8h December, 2017.
8. "Vague near-algebra over a vague field"- Recent Advances in Mathematics & XXVII Congress of APTSMS, held at Department of Mathematics, Maris Stella College (Autonomous), Vijayawada, AP from 07th & 8h December, 2018.
9. "Sum of vague ideal of near-ring"- International Conference on Applications of Fluid Dynamics, held at Department of Mathematics, VIT University, Vellore, Tamilnadu from 13th & 14th December, 2018.
10. "Some Results on Vague Ideal of Near-Algebra"- National Seminar on Mathematical Sciences and its Applications, held at Department of Mathematics, Acharya Nagarjuna University, Guntur, Andhrapradesh from 24th & 25th January, 2018.

11. "A note on Vague Gamma Near Algebra"- International Conference on Recent Inventions and Innovations (ICRIIMS-2019) in Mathematical Sciences, held at Department of Applied Mathematics, Andhra University, Visakhapatnam, A.P, from 28th February & 1st March, 2019.
12. "Anti-Vague Near Algebra Over Anti Vague field"- International Conference on Mathematical Sciences and Applications (ICMSA-2019), held at Department of Mathematics, Gitam University, Hyderabad, Telangana from 09th & 11th August, 2019.
13. "Some aspects on Vague Near-Algebras"- XXVIII Congress of APTSMS & National Conference on Recent Trends in Pure and Applied Mathematics, held at Department of Mathematics, Rashtriya Sanskrit Vidyapeetha University, Tirupathi, A.P, from 06th -09th, December-2019.
14. "Interval Valued fuzzy ideals of Near-Algebras"- International conference on advances in applicable Mathematics, held at Department of Mathematics, Bharathiar University, Coimbatore, Tamil nadu from 21st & 22nd, Feb 2020.
15. participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on " The Impact of Quantum Computing on Cryptography and Blockchain Technology" from 13/09/2021 to 17/09/2021 at GITAM School of Science, Hyderabad.
16. "Bipolar vague gamma near-algebra over bipolar vague field"- XXX Congress of APTSMS & International conference on Mathematics & its relevance to science and engineering , held at Department of Mathematics, Osmania University, Hyderabad, Telangana from march 12-14, 2022.
17. "A study on SS elements on a ring"- International Conference on Mathematical Sciences & Emerging application in engineering , held at Department of Mathematics, GITAM Deemed to be University, Hyderabad, Telangana from september 9-11, 2022.

LIST OF SEMINARS/CONFERENCES/WORKSHOPS/FDP:

1. Attended UGC sponsored two day National Workshop on "Graph Theory and Statistics" from 28th & 29th February, 2012 at Kakatiya University, Warangal, Telangana.
2. Attended Faculty Development Programme on "Engineering Mathematics-I" from 30th July- & 4th August, 2012 jointly organized by Jawaharlal Nehru Technological University Hyderabad and Sreenidhi Institute of Science and Technology, Ghatkesar, Hyderabad.

3. Attended Faculty Development Programme on “Applications of Mathematics in Engineering Sciences” from 4th & 5th September, 2012 organized by Vidya Jyothi Institute of Technology, Hyderabad.
4. Attended the one day Conference on implementation of “CBCS for UG Courses in Mathematics” on 24th August, 2016 held at Department of Mathematics, Kakatiya University, Warangal.
5. Attended two day National Workshop on Linear Algebra, Real Analysis and Algebra organized by the Department of Mathematics, Kakatiya University, Warangal from 28th -29th September, 2018.
6. Attended TEQIP-III NITW sponsored Continuing Education Programme on “Matrix Computation and Numerical Techniques in Science and Engineering” held during 29th October-2nd November, 2018 at Department of Mathematics, National Institute of Technology Warangal, Telangana.
7. Attended one day national workshop on Telangana state council of Science and Technology(TSCOST) sponsored and National council for Science and Technology communication (NCSTC) supported on Srinivasa Ramanujan inventions in Mathematics and abstract algebra held on 22nd march 2022 at Department of Mathematics, Kakatiya University, Telangana.

REFERENCES

1. Prof. T. Srinivas (Retd.)
Department of Mathematics,
Kakatiya University, Warangal.
Email: thotasrinivas.srinivas@gmail.com
Phone No.9866443836.
2. Prof. Om Prakash
Department of Mathematics,
IIT Patna, Bhihar, India.
Phone number: +918936837975,
Email:om@iitp.ac.in

3. Prof. G. Nanaji Rao
Department of Mathematics,
Andhra University, A.P, India
Phone No.9440367745
email: nani6us@yahoo.com

PERSONAL PROFILE:

Candidate Name : Dr. Lavudya Bhaskar
Father's Name : Lavudya Sakru
Occupation : Farmer
Mother's Name : Lavudya Bhikamma
Occupation : Home maker
Date of Birth : 1st May, 1989
Nationality : Indian
Sex : Male
Languages Known : English, Telugu and Hindi
Skills : Good leadership quality, Motivating power,
Creativity, Strong will power, Self-analyst, Efficient,
Communication.

Permanent Address : H. No : 3-98, Village & Post: Kondapuram,
Mandal : Palakurthy, Dist : Jangaon,
Nearest Railway Station : Kazipet (Code: KZJ).
Pin Code : 506316, Telangana State, India.

DECLARATION:

I hereby declare that all the details specified above are true,
complete and correct to the best of my knowledge and belief.

Date : 2022/05/ 10
Place : Palakurthy



(Dr. L. Bhaskar)

