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AREAS OF EXPERTISE

Mathematics

Vague Algebra, Fuzzy Algebra, Algebra, Lattice theory

EDUCATION

Doctor of Philosophy 2010

Andhra University

M.Phil 1995

Andhra University

M.A. 1992

Andhra University

M.Sc. 1990

Andhra University

PROFESSIONAL EXPERIENCE

Andhra University 2021 - 2021

Professor

Visakhapatnam

2021 - Present

Professor

Srikakulam

Mrs. A.V.N. College 2016 - 2021

Professor

Visakhapatnam

RESEARCH PROJECTS

Investigation on Vague Semi Rings and its application to Vague Automata.

Role: 2524

Year: 2008 | Amount: 100000

HONOURS AND AWARDS

Jathiya Sahistya Seva Purascarm 2026

Awarded by: Sahitya Samscuthika Seva samtha, Visakhapatnam

Best Faculty Award-2024 2024

Awarded by: Knowledge Research Academy, Tamil Nadu

Dr.Sarvepalli Radhakrishna Excellance Award-2024 2024

Awarded by: GSHSMIA Academy, USA

Appreciation Award 2022

Awarded by: CCE, Government of Andhra Pradesh

International Teacher Award 2021-21 2021

Awarded by: IROR INDIA

Upadhyaya Ratna national award -2016 2016

Awarded by: NGO

Doctor of letters (D.Litt 2016

Awarded by: University of South America

Visakha Ratna 2016

Awarded by: Visakharatna Kalaparisheth social and cultural organization

HONORARY DOCTOR AWARD " DOCTOR OF LETTERS (D.Litt 2016

Awarded by: University of South America

Guru strasta -2015 2015

Awarded by: NGO

D D G Commendation Card 2012

Awarded by: NCC

D D G Commendation Card 2010

Awarded by: NCC

DG Commandation card 2006

Awarded by: Director General of NCC, Andhrapradesh

D G Commendation Card 2006

Awarded by: NCC

PROFESSIONAL MEMBERSHIPS

International Society of Library and Information Sciences (ISLIS) 2025

Life member

Indian Society for Probability and Statistics (ISPS) 2022

Life member

Global Directory of educators and Researchers, India 2021

Life member

**Ramanujan Mathematics Academy and Mathematics Library,
Ramachandrapuram, Andhra Pradesh 2016**

life member

Aandhra Pradesh Akademy of Sciences 2015

Associate fellow

Association of Mathematics Teacher of India (AMT) 2010

life member

Andhra Pradesh and Telangana Society for Mathematical Sciences 2000

Life member

COMMITTEE MEMBERSHIPS

AU Spot valuation center 2022

Co-ordinator

Project guidelines framing committiee for B.Sc 2017

AU

Board of studies 2015

UG

Academic Council of St. Josephe 2012

Visakha

PATENTS

AN AUTOMATIC NATURAL LIGHT INTENSITY CONTROL IN ROOM THROUGH SMART WINDOW

Inventor(s): Dr U Yedukondalu, Dr R GiriPrasad, Dr.Capt.K.Sujatha, Dr.Fathima Jabeen, Dr.N.Ramakrishna, Sachin Prabhakar Badgujar, Dr V Muthumanikandan, Pappula Sri Divakara Narendra Nadh,D V Elango, D.Billy

Assignee: | Published: 2021-02-05

MEDICAL PLUGS TO TRACK HEALTH USING ARTIFICIAL INTELLIGENCE AND IOT

Inventor(s): Capt.Dr.N.Ramakrishna, Dr.T.Padmapriya, Sridevi R, Dr.Ch.Suneetha , Dr.Arvind Kumar Shukla, Dr.Chandra Kumar Dixit, Dr.Tamma Eswarlal, Julin Benadit P, V.Krishnakumar,Dr.Kapilkumar Bansai

Assignee: | Published: 2021-05-14

PUBLICATIONS

1. Application of Multi vague set in pattern Recognition

N Ramakrishna

Journal of Emerging Technologies and innovative Research , Vol. Vol.13, Issue 1 (2026) , pp. 269-292

2. Application of Multi vague set in Career Guidance

N Ramakrishna

International journal of food and Nutritional sciences , Vol. Vol 15 Issue 1 (2026) , pp. 32-53

3. Handling uncertainty in school selection through multi vague set decision modeling

N Ramakrishna

AusArt Journal , Vol. Volume 8 issue7, (2026) , pp. 1-21

4. Multi vague Normal groups

N Ramakrishna

Journal of Dalian University of Technology , Vol. Sept.2025 Vol.32, Issue 10 (2026) , pp. 775-794

5. Multi vague cosets

N Ramakrishna

Journal of Dalian University of Technology , Vol. Vol.32, Issue 11 (2025) , pp. 256-281

6. Multi Vague homomorphism

N Ramakrishna

Strad Research , Vol. Vol.12, Issue 9 (2025) , pp. 100-121

7. Multi vague order of an element in a group

N Ramakrishna

International journal of Applied Mathematics , Vol. Vol.38, Issue 6s (2025) , pp. 401-429

8. APPLICATION OF VAGUESETS IN THE CARRIER OF THE STUDENTS FOR THEIR OPPORTUNITES

N.Ramakrishna, B.Nageswararao, T.Eswarlal

A Journal of Composition Theorey , Vol. 15 (2022) , pp. 181-187

9. Multi Vague Sets

N.Ramakrishna

Studia Rosenthaliana , Vol. 12 (2020) , pp. 92-97

10. Vague Lattices

N.Ramakrishna, B.Nageswara Rao, T.Eswaralal

Studia Rosenthaliana , Vol. 12 (2020) , pp. 191-202

11. some more operations on multi vague sets

N.Ramakrishna

12. Multi Vague Groups

Dr.B.Nageswara Rao

Novyi Mie Research Journal , Vol. 5 (2020) , pp. 130-135

13. Vague cut set on vague join semi lattice and vague join semi-Filters

N.Ramakrishna,

Solid state Technology , Vol. 63 (2020) , pp. 9220-9230

14. Multi vague sub field of a field

N.Ramakrishna

Solid state Technology , Vol. 63 (2020) , pp. 14951-14957

15. L-Vague Semirings of L-Semiring

International Journal of Mathematics Trends and Technology (IJMTT) , Vol. 57 (2018) , pp. 345-351

16. Application of translates of vague sets on electoral-democracy model

Nageswara Rao B.;Ramakrishana N.;Eswaralal T.

International Journal of Chemical Sciences , Vol. 14 (2016) , pp. 762-768

17. Application of translates of vague sets in carier decission making

Nageswara Rao B.;Ramakrishana N.;Eswaralal T.

International Journal of Chemical Sciences , Vol. 14 (2016) , pp. 372-380

18. Translates of Vague Beta-Algebra

N.Ramakrishna, B.Nageswara Rao, T.Eswaralal

International journal of pure and applied Mathematics , Vol. 106 (2016) , pp. 989-1002

19. Application of Translates of vague sets on electoral democracy modal

N.Ramakrishna, B.Nageswara Rao, T.Eswaralal

international journal of chemical sciences , Vol. 14 (2016) , pp. 762-768

20. Application of translates of Vague sets in career decision making

N.Ramakrishna, B.Nageswara Rao, T.Eswaralal

International Journal of Chemical Science , Vol. 14 (2016) , pp. 372-380

21. Vague Co-sets

N.Ramakrishna,

World journal of research and review , Vol. 3 (2016) , pp. 28-31

22. Some characterizations of vague Ngroups

N.Ramakrishna

Bulletin of Mathematics and statistics research , Vol. 4 (2016) , pp. 144-147

23. Translates of vague normal groups

Nageswararao B.;Ramakrishna N.;Eswaralal T.

International Journal of Pure and Applied Mathematics , Vol. 103 (2015) , pp. 169-185

24. Translates of Vague semi rings and vague ideals

N.Ramakrishna, B.Nageswara Rao, T.Eswaralal

Global Journal of pure and applied Mathematics , Vol. 11 (2015) , pp. 679-697

25. Translates of Vague modules

N.Ramakrishna, B.Nageswara Rao, T.Eswaralal

26. Translates of L-vague groups

Nageswararao B.;Ramakrishna N.;Eswarlal T.

Global Journal of Pure and Applied Mathematics , Vol. 11 (2015) , pp. 1061-1080

27. Vague fields and vague vector spaces

Eswarlal T.;Ramakrishna N.

International Journal of Pure and Applied Mathematics , Vol. 94 (2014) , pp. 295-305

28. Normal Fuzzy Soft Ideals in Semirings

N.Ramakrishna, T.Eswarlal

International J. of Math. Sci. & Engg. Appls , Vol. 6 (2012) , pp. 283-291

29. ANTI-HOMOMORPHISMS IN VAGUE GROUPS

1. International J. of Math. Sci. & Engg. Appls. (IJMSEA) , Vol. 6 (2012) , pp. 449-459

30. Vague order of an element

N.Ramakrishna

Asian journal of current engineering and mathematics , Vol. 1 (2012) , pp. 103-110

31. Some charactizations of vague groups and vague normal groups

N.Ramakrishna

International journal of Mathematical Sciences and engineering applications , Vol. 6 (2012) , pp. 387-397

32. Determination of Groups which Admit a Particular Type of L-Fuzzy Subgroups

International Journal of Algebra , Vol. 4 (2010) , pp. 875-880

33. A Characterization of Cyclic Groups in Terms of L-Fuzzy Subgroups-II

Southeast Asian Bulletin of Mathematics , Vol. 33 (2009) , pp. 1171-1174

34. On Vague Universal Algebras.

N.Ramakrishna

International Journal of Computational Cognition , Vol. 7 (2009) , pp. 69-73

35. Optimization through Vague Sets.

N.Ramakrishna

International Journal of Computational Cognition , Vol. 7 (2009) , pp. 65-68

36. Vague Graphs

N.Ramakrishna

International Journal of Computational Cognition , Vol. 7 (2009) , pp. 51-58

37. A Characterization of Cyclic Groups in Terms of L-Fuzzy Subgroups

Southeast Asian Bulletin of Mathematics , Vol. 33 (2009) , pp. 913-916

38. On a product of Vague groups

N.Ramakrishna

international journal of computational cognition , Vol. 6 (2008) , pp. 51-54

39. Vague Groups and Vague Weights

N.Ramakrishna

International Journal of Computational Cognition , Vol. 6 (2008) , pp. 41-44

40. Vague Normal Groups.

N.Ramakrishna

International Journal of Computational Cognition , Vol. 6 (2008) , pp. 10-13

41. **A Characterization of Cyclic Groups in Terms of Vague Groups**

4. INTERNATIONAL JOURNAL OF COMPUTATIONAL COGNITION , Vol. 6 (2008) , pp. 7-9

42. **Boolean vaguesets**

international journal of computational cognition , Vol. 5 (2007) , pp. 50-53