

PROFILE



NAME : Dr. VASUBABU RAJULAPATI
Date of Birth : 10-4-1979
Designation : Professor of Mathematics
College Address : Shri Vishnu Engineering College for Women
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EDUCATIONAL QUALIFICATIONS:

S.No.	Course	Board of University	% of Marks	Division	Year of Passing
1.	Ph.D	Andhra University	-	‘A’ grade	2015
2.	M.Phil	Alagappa University	62.8%	I	2007
3.	M.Sc	Andhra University	64.5%	I	2002
4.	B.Sc	Acharya Nagarjuna University	64.5%	I	2000
5.	Intermediate	Board of Intermediate	63.8%	I	1997
6.	SSC	Board of Secondary Education	54.5%	II	1995

TEACHING EXPERIENCE: 23.9 years

S.No.	Organization	Designation	Date		Duration of work	Scale of pay
			Joining	Leaving		
1.	Shri Vishnu Engineering College for Women::Bhimavaram	Professor	01-04-2022	Till date	4 Years	57,000
2	Shri Vishnu Engineering College for Women::Bhimavaram	Associate Professor	01-01-2016	31-03-2022	7 years	47,500

3.	Shri Vishnu Engineering College for Women::Bhimavaram	Assistant Professor	08-07-2009	31-12-2015	6 years	12500 Basic
4.	KGRL.PG.College	Lecturer cum HOD	28-8-2003	31-3-2008	5 Years	8500
5.	MPCET, Bhimavaram	Assistant Professor	1-4-2008	7-7-2009	1.3 Years	13000
6.	KGRL College of Pharmacy	Lecturer Part Time	1-11-2007	12-12-2008	1.1Year	2500
7	Lutheran Degree	Lecture	26-8-2002	26-8-2003	1 Year	2500

Research Interest

- ❖ Lattices
- ❖ Algebra
- ❖ Statistics

Research Experience 15

- I have learned and acquired knowledge in the Algebra, Distributive Lattices Queing Theory.
- Knowledge of Software: DCA, MS-Office, Origin and Latex.

Member of Professional Bodies

- Member : Calcutta Mathematical Society, India
- Member : International Association of Engineers, Hong Kon

List of Publications:

1. R.Vasu Babu, N.Rafi, R.V.N.Srinivasa Rao, etal., “D-Divisibility of Almost Distributive Lattices”. Published in “Asia Pacific journal of Mathematics”,doi:10.28924/APJM/11-40 10, Issue40, March-2024.
2. R.Vasu Babu, N.Rafi, R.V.N.Srinivasa Rao,etal., “ON FUZZY CLOSURE FILTERS OF DECOMPOSABLE STONE ALMOST DISTRIBUTIVE LATTICES”. Published in “Asia Pacific journal of Mathematics”, doi:10.28924/APJM/10-40 10, Issue40, November-2023.
3. R.Vasu Babu, M.Venkateswarlu, SK.Shaw, “Dufour and heat source effects on radiative MHD slip flow of a viscousfluid in a parallel porous plate channel in presence of chemical reaction” Published on Journal of the Korean Society for Industrial and Applied Mathematics, Volume : 21 , Issue: 4, Pages: 245-275 . Publisher Korean Society for Industrial and Applied Mathematics in 2017.
4. R.Vasu Babu, Ch. Prabakar Rao “On Prime and Maximal Subalgebras” Published on International Journal of Modern Trends in Engineering and Research(IJMTER,ISSN(online):2349-9745;Volume 04,Issue12,December-2017.

5. R.Vasu Babu, B.Venkatewarulu, "Initial and final segments in ADL's", Published in South- East Asian Bulletin of Mathematics. Vol.41 (2017)127-131, March, 2017.
6. R.Vasu Babu, B.Venkatewarulu, Ch.Sntisunder Raju "Irreducible elements in ADL's", Published in Palestine Journal of Mathematics, Palestine Polytechnic University-PPU 2016 Vol. 5(1), (2016) 152-156(5 pages).
7. R.Vasu Babu, Y.Phani, "Stereographic-l-axial Exponential and Stereographic Circular Exponential Distributions" Published in International Journal of Scientific and Innovative Mathematical Research (IJSIMR) Vol.3,Special Issue -5, PP 108-114, ISSN 2347- 307X (Print), November 2015.
8. R.Vasu Babu, T.S.R.Murthy,R.Durgarao "Maximal Ideals and Filters of an ADLs", Published in International Journal of Scientific and Innovative Mathematical Research (IJSIMR, Vol.3, Special Issue 2, PP 704-709, ISSN 2347- 307X (Print), July 2015.
9. R.Vasu Babu, B.Venkatewarulu, Ch.Sntisunder Raju "The $\mathbb{C}(X, D)$, a characterization of a Stone almost distributive lattice", Published on Asian-European Journal of Mathematics Vol. 8, No. 3 (2015) 1550055(7 pages), 11th August 2015. World Scientific Publishing Company, DOI: 10.1142/S1793557115500552.
10. R.Vasu Babu, B.Venkatewarulu "Associate elements in ADL's", Published in Asian-European Journal of Mathematics Vol. 7, No.4 (2014)1450066(7pages),World Scientific Publishing Company, DOI: 10.1142/S17 9355 7114500 661. Published on 11th December 2014.
11. R.Vasu Babu, B.Venkatewarulu "Irreducible Ideals in Rings" Published in Italian Journal of Pure and Applied Mathematics –N.32- 2014 (461- 466) .
12. R.Vasu Babu, B.Venkatewarulu, Ch.Sntisunder Raju "The Stonity of a pseudo-complemented ADL" Asian-European Journal of Mathematics,Vol. 7, No. 3 (2014) 1450045(7 pages), published on 27th August 2014 World Scientific Publishing Company, DOI:10.1142/S1793557114500454.
13. R.Vasu Babu, B.Venkatewarulu, Ch.Sntisunder Raju" Weak pseudo-complemented on ADL's" Published in Archivum Mathematicum (BRNO)Tomus 50 (2014) 151-159. DOI: 10.5817/AM2014-3-151. July, 2014
14. R.Vasu Babu, B.Venkatewarulu "Morphisms on closure spaces and moore spaces, Published on International Journal of Pure and Applied Mathematics Vol. 91, No. 2 (2014) 197-207.ISSN: 1311-8080, 11th March 2014.
15. R.Vasu Babu,T.S.R.Murthy, Varying bulk-service queueing model with phase wise service, Bull.Cal.Math.Soc., Vol. 104, No. 2 (2012) 175-182 , published on October 08, 2012.

Attended/Presentations in International & National Conferences

1. Presented a paper in Three –Day International Online Conference on "Advancing Innovations Through Mathematics: A Journey Across Disciplines (AITM-2025)" entitled as " A Review on Coherent Almost Distributive Lattices" organized by the Department of Mathematics in association with Institution's Innovation Council (IIC), Bapatla Engineering College, held from 08-09-2025 to 10-09-2025.

2. Presented a paper in Second International Conference on Recent Advances In Applied Sciences And Engineering (ICRAAE) entitled as "Irreducible Elements of Almost Distributive Lattices" in ICRAAE-2024 organized by Department of Basic Science held on 06-07 December 2024 at SVECW(A), Bhimavaram.
3. Presented a paper in International Conference on Recent Advances In Applied Sciences And Engineering (ICRAAE) entitled as "D-divisibility of Almost Distributive Lattices" ICRAAE organized by Department of Basic Science held on 22nd-23rd December 2023 at SVECW(A), Bhimavaram.
4. Presented a paper in International Conference "International Conference ON APPLIED SCIENCE AND TECHNOLOGY(ICAST -2018)". as per programme of ICAST -2019. Title of the talk / Paper "On Prime Spectrum Of An ADL's". Organized by Department of Mathematics, at Sri Sagi Rama Krishna Raju Engineering College(A), Bhimavaram. Held on 27th & 28 th March 2019.
5. International Conference on "International Conference ON APPLIED SCIENCE AND TECHNOLOGY (ICAST -2018)". Presented a paper in a technical session as per programme of ICAST -2018. Title of the talk / Paper "On Lattice of Ideals In Almost Distributive Lattices". Organized by Department of Mathematics, at Sri Sagi Rama Krishna Raju Engineering College(A), Bhimavaram. Held on 24th and 25 th January 2018.
6. International Conference on "International Conference On Algebra and applications-2015 (ICAA -2015)". Presented a paper in a technical session as per programme of ICAA -2015. Title of the talk / Paper Maximal ideals and filters of an ADL's. Department of Mathematics, Sri Venkateswara University Tirupathi . Held during 13th -15th August 2015.
7. Presented a paper on "National Conference On Advances In Mathematical Sciences-2015 (AIMS -2015)". in a technical session as per programme of AIMS -2015. Title of the talk / Paper "Weak-pseudo complementation's on ADL". Organized by Department of Mathematics & Statistics, K.B.N. College, Vijayawada. Held on 28th November 2015.
8. Two-Day National Workshop on "Recent Trends in Algebra and Its Applications" Presented a paper in a technical session as per programme of RTIAA -2015. Title of the talk / Paper "Irreducible elements in ADL's".
9. Organized by Department of Mathematics & Statistics, K.B.N. College, Vijayawada. Held during February 19 – 20, 2015.
10. National Seminar on "Recent Developments in Mathematics and Its Applications" Presented a paper in a technical session as per programme of ICAA -2014. Title of the talk / Paper Associate elements in ADL's. Department of Mathematics, Acharya Nagarjuna University, Guntur. Held during 2nd & 3rd December 2014.
11. International Conference on "International Conference On Algebra and applications-2014 (ICAA -2014)". Presented a paper in a technical session as per programme of ICAA -2014. Title of the talk / Paper Initial and final segments in ADL's. Department of Mathematics, Andhra University Visakhapatnam . Held during 29th April – 1st May 2014.
12. International Conference on "International Conference On Recent Advances In Mathematical Applications (ICRAMSA -2011)". Presented a paper in a technical

session as per programme of ICRAMSA -2011. Title of the talk / Paper Varying Bulk Service Queueing Model with phase wise service, Calcutta Mathematical Society, Kolkata. Held during 9-11th December 2011.

No of Reviewed Articles: 03

1. I reviewed a paper entitled "The development of the theory of Generalized Almost Distributive Lattices" for the conference proceedings of International Online Conference on Advancing Innovations, Through Mathematics (AITM-2025) 08 th – 10 th September 2025.
2. Manuscript ID: S2-B25 Entitled “POSITIVITY RESULTS TO ITERATIVE SYSTEM OF HIGHER ORDER BOUNDARY VALUE PROBLEMS”. Reviewed on December 2023 in International Conference on Recent Advances in Applied Science and Engineering (ICRAAE-2023)’ to be published in PES (<https://pesjournal.net/>), a Scopus-indexed Journal.
3. “Relative Annihilators and Filters in Almost Semi lattice”, in 2017.

Act as a Chairperson:

1. Act as a Chairperson for the paper presentation Session-4 on 09-09-2025 in the Three –Day International Online Conference on “Advancing Innovations Through Mathematics: A Journey Across Disciplines (AITM-2025)” organized by the Department of Mathematics in association with Institution’s Innovation Council (IIC), Bapatla Engineering College , held from 08-09-2025 to 10-09-2025.

Workshops:

1. Two Day National Workshop on “Bridging Math & Code- A Python Approach (BMCPA-2025)” organized by Department of Mathematics, Siddhartha Academy of Higher Education(An Institution Deemed to be University), Vijayawada from 27th-28th November, 2025.
2. One Week International Methodology Workshop on “Predictive Statistics and AI Approches in Social &Engineering Sciences” Organized by department of Mathematics, Vishnu Institute of Technology, Bhimavaram. From 13-10-2025 to 19-10-2025.
3. One Week Online Workshop on Basic Biostatistical Data Analysis using SPSS Jointly Organised by Rajendra Institute of Mwdical Sciences (Ranchi) & Science Tech Institute, Lucknow, during sept 21-27, 2023.
4. One Month Online Faculty Induction Programme (GURU DAKSHTA) Organized by Malaviya Mission Teacher Training Centre(MMTC), Central University of South Bihar(CUSB),Gaya under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission(UGC) from 19th November to 16th December 2024with Grade ‘A’ .
5. One –week online Faculty Development Program On “Data Science and Machine Learning Applications For Engineering and Sciences” Organized by the Department

of Information Technology at Shri Vishnu Engineering College for Women (A), Bhimavaram from 21-10-2024 to 27-10-2024

6. “Online Short –Term Training Programme(STTP) On Mathematical Methods” under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission(UGC) Organized by UGC-MMTTC, Shri Mata Vaishno Devi University, Katra, J&K from 14/10/2024 to 19/10/2024.
7. One –Week National Level Faculty Development Programme (Hybrid Mode) on “Assimilation of Indian Knowledge Systems with NEP-2020:Prospect and Retrospect” Organized by the Department of Basic Science & Humanities and Internal Quality Assurance Cell (IAC), BVRIT Hyderabad College of Engineering for Women, Hyderabad, India.
8. A Two week Pre-Conference Online Workshop on “Asymptotic Analysis of Algor Organized by the Department of Computer Science & Engineering, National Institute of Technology Warangal during 19th– 29th October, 2023.
9. AICTE Training and Learning (ATAL) Academy Faculty Development Program on “AI Tools for Educators in line with OBE” at Bapatla Engineering College Bapatla, from 20-11-2023 to 25-11-2023.
10. Five Day Interdisciplinary online Faculty Development Program(FDP) “on Institutional Initiatives for Effective Assessment and Accreditation in the context of NEP-2020” from 07-08-2023 to 11-08-2023 Organised at S.S& N College , Narasaraopet, by Sri Subbaraya and Narayana College, Narasaraopet, Palnadu District in Collaboration with APCCE.
11. One –week online Faculty Development Program week International Faculty Development Program on “Innovative Mathematical Techniques in Research” Conducted by the Department of Mathematics, Sathyabama Institute of Science and Technology, Chennai, from 1st to 6th August,2022.
12. Attended Two-Day National Level Workshop on “Modern Methods for Remote Teaching-Learning Practices”, organized by Krishna University: Machilipatnam in Association with Andhra Pradesh State council of higher education from 12/05/2020 to 13/05/2020.
13. Attended work shop on “Supply Chain Manegment” Organized by VEDIC at Hyderabad, during dated 06 – 08 March,2017.
14. National Seminar on “Recent Developments in Mathematics and Its Applications” Presented a paper in a technical session as per programme of ICAA -2014. Title of the talk / Paper Associate elements in ADL’s. Department of Mathematics, Acharya Nagarjuna University, Guntur. Held during 2nd & 3rd December 2014.
15. National Workshop on “Scope of sciences & Maths in Engineering” at Gudavalleru Engineering college ,Gudlavalleru. Held during 11-13th August, 2011.
16. Attended National Workshop on “Recent Advances In Data Mining And Its Applications” Department of Statistics, Andhra University Visakhapatnam. Held during 11-14th March 2011.
17. Attended National Seminar on “Discrete Mathematics and Its Applications (DMAA-11)” Gayatri Vidya Parishad College of Engineering for Women Visakhapatnam. Held During 10th to 12th Feb 2011.

18. SDP on “Inspiring ways of Imparting Education” Shri Vishnu Engineering College for Women Bhimavaram. Held during 5th July 2009.
19. Attended National Workshop on Uniform Hyper Graphs and their applications” Sir CRR Institute of Mathematics Eluru. Held during January 30th Feb 5th 2008.
20. Attended National Seminar on “Global warming Educations” K.G.R.L.PG College Bhimavaram. Held during 5th July 2008.

Refresher Courses:

1. MMTTC-NEP Orientation & Sensitization Programme in online and offline Mode, Organized by Malaviya Mission Teacher Training Centre(MMTC), by IIT Hyderabad in the month of January, 19th to 24th 2026.
2. “A Refresher Course on mathematics for AI/ML and Data Science” Organized by Malaviya Mission Teacher training Center, IIT(ISM) Dhanbad, Jharkhand, from 01-12-2025 to 12-12-2025.
3. Two weeks Online Refresher Course on “Research Methodology using Time Series & Panel Data Analysis” Organized by Malaviya Mission Teacher training Center, Shri Mata Vaishno Devi University, from 06-10-2025 to 18-10-2025.

Faculty Development Programmes:

1. One Month Online Faculty Induction Programme (GURU DAKSHTA) Organized by Malaviya Mission Teacher Training Centre(MMTC), Central University of South Bihar(CUSB),Gaya under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission(UGC) from 19th November to 16th December 2024with Grade ‘A’ .
2. One –week online Faculty Development Program On “Data Science and Machine Learning Applications For Engineering and Sciences” Organized by the Department of Information Technology at Shri Vishnu Engineering College for Women (A), Bhimavaram from 21-10-2024 to 27-10-2024
3. “Online Short –Term Training Programme(STTP) On Mathematical Methods” under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission(UGC) Organized by UGC-MMTTC, Shri Mata Vaishno Devi University, Katra, J&K from 14/10/2024 to 19/10/2024.
4. One –Week National Level Faculty Development Programme (Hybrid Mode) on “Assimilation of Indian Knowledge Systems with NEP-2020:Prospect and Retrospect” Organized by the Department of Basic Science & Humanities and Internal Quality Assurance Cell (IAC), BVRIT Hyderabad College of Engineering for Women, Hyderabad, India.
5. A Two week Pre-Conference Online Workshop on “Asymptotic Analysis of Algor Organized by the Department of Computer Science & Engineering, National Institute of Technology Warangal during 19th- 29th October, 2023.

6. AICTE Training and Learning (ATAL) Academy Faculty Development Program on “AI Tools for Educators in line with OBE” at Bapatla Engineering College Bapatla, from 20-11-2023 to 25-11—2023.
7. One week International Faculty Development Program on “Innovative Mathematical Techniques in Research” Conducted by the Department of Mathematics, Sathyabama Institute of Science and Technology, Chennai, from 1st to 6th August,2022.
8. One week virtual National Faculty Development Program on “Scientific Documentation using LATEX(SDL-2021)” Conducted by the Department of Engineering Mathematics and Humanities”, SRKR Engineering College (A), Bhimavaram held during 9th to 14th August,2021.
9. Six Day Faculty Development Program on “Mathematics and Statistics inn Engineering Field” Conducted by the Department of KPR Institute of Engineering and Technology, Coimbatore, held during 5th to 10th July,2021.
10. One week National Level Online Faculty Development Program on “Number Theory & Its Applicatiopns” Conducted by the Department of Humanities and Sciences GATES Institute of Technology, Ananthapuram(Dist), Andhra Pradesh., held during 14th – 19th June’2021.
11. One week FDP on”ICT Tools” Organised by Sree Vidynikethan Engineering College ,Tirupati. From 11/05/2020 to 16/05/2020 . In association with STP- IIT BomBay.
12. Two Weeks FDP on “Managing Online Classes and Co-Creating Moocs:2.0” Organized by Feaching Learning Centre , Ramanujan College, University of Delhi. Sponsored by MHRD Pandit Madan Mohan Malavita National Mission on Teachers and teaching. From 18th May – 3rd June’ 2020.
13. Five- day Online FDP on “PYTHON programming” organised by Guru Nanak Institutions, In association with Spoken tutorial, IIT BOMBAY, From 18th – 22nd May’ 2020.
14. One Week Faculty Development Programm on “LaTeX” ,Initiated by the Sanjay Ghodawat University, Kolhapur, From 27-04-2020 to 02-05-2020.
15. One Week Faculty Development Programme on “R-Programming” Organized by Dept. of Computer Science, St.Joseph’s College (Autonomous), Irinjalakuda From 4/05/2020 to 9/05/2020.
16. A Three day Faculty Development Programme on “Applications of Mathematics in Engineering”. Organized by Department of Basic Sciences & Humanities at Sri VASAVI ENGINEERING COLLEGE (A) from 17th to 19th December 2018.
17. ESCI on Professional Development Programme on Entrepreneurship Development Organized by AU College of Engineering Visakhapatnam (AP). Held on 16-18th December 2015.

List of Online Courses:

- 1 NPTEL Online Certification for successfully completing the course ADVANCED ENGINEERING MATHEMATICS, Held on Jan-Apr 2019.
- 2 NPTEL Online Certification for successfully completing the course DISCRETE

MATHEMATICS, During on Jan-Apr 2019.

- 3 Course era online Certification for successfully completed the course Mathematics for Machine Learning : Linear Algebra, completed on April 2019.**
- 4 Course era online Certification for successfully completed the course on Introduction to Graph Theory, completed in the year, July 2019.**
- 5 Course era online Certification for successfully completed the course Differential Equations for Engineers, completed in the year September 2019.**

Other Information:

- As a Mathematical Reviewer of American Mathematical Society (Asian-European Journal of Mathematics) .**
- AP Set cleared in the year December 2019.**

Reference

1. Prof.I.H.Nagaraja Rao
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Personal Profile

Father Name	: R.Ramaswamy
Date of Birth	: 10th April 1979
Nationality	: Indian (Hindu)
Marital Status	: Married
Languages known	: Telugu, English
Present Address	: D.NO: 21-1-26 Bhimavaram, West Godavari(Dt), PIN:534201, Andhra Pradesh INDIA

Permanent Address

: Dokiparru (village)
Gudlalleru(Mendel)
Krishna (Dt), PIN: 521332
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