


FACULTY PROFILE

Name of the Faculty:	NOORBHASHA RAFI		
Designation:	Assistant Professor		
Department:	Mathematics		
Date of Birth:	16-06-1982		
AICTE – ID:	1-1431269282		
Education	<ul style="list-style-type: none"> • B.Sc in Maths, Physics, Computers with First from Pydah Degree College affiliated to Andhra University, Visakhapatnam, 2000-03 • M.Sc in Mathematics with First from Andhra University, Visakhapatnam, 2003-05 • Ph. D in Matmematics awarded in January, 2011 from Andhra University, Visakhapatnam. 		
Experience	Teaching: 13 Years	Industry: ____ Years	Total: 18 Years
	Research: 18 Years	Others: ____ Years	
Research Specialization	<p style="text-align: center;">Lattice Theory, Semigroups, MS-Algebras, G-Algebras, KK-Algebras, GE-algebras, BE-algebras, eGE-algebras, Gamma-semirings, Gamma-incline and Fuzzy Theory etc.</p>		
Courses taught	<ol style="list-style-type: none"> 1. LAODE(MA01), NMAC(MA02) 2. Probability & Statistics(MA03) 3. Complex Variable & Special Functions(MA04), MFCS(MA05) 		

Research contributions

International/national peer reviewed journals

S. No.	Title of paper	Journal	Year	Volume	pages	Indexing (SCI/WoS/COPUS, Google scholar)
1	<i>Generalized Almost Distributive Lattices-I</i>	Southeast Asian Bulletin of Mathematics	2009	33	1175-1188	Web of Sciences
2	<i>A characterization of congruence Kernels in Pseudo-complemented Generalized Almost Distributive Lattices</i>	International Journal of Algebra	2009	3	785-791	Google Scholar
3	<i>Closure Operation in Almost Distributive Lattices</i>	International Mathematical Forum	2010	5	929-935	Google Scholar
4	<i>Pseudo-Complementation on Generalized Almost Distributive Lattices</i>	Asian-European Journal of Mathematics	2010	3	335-346	Scopus
5	<i>S-Linear Almost Distributive Lattices</i>	European Journal of Pure and Applied Mathematics	2010	3	704-716	Scopus
6	<i>Generalized Almost Distributive Lattices-II</i>	Southeast Asian Bulletin of Mathematics	2011	35	91-102	Web of Sciences
7	<i>On Prime filters in Almost Distributive Lattices</i>	Southeast Asian Bulletin of Mathematics	2011	35	653-663	Web of Sciences
8	<i>S-ideals in Almost Distributive Lattices, Southeast Asian Bulletin of Mathematics</i>	Southeast Asian Bulletin of Mathematics	2011	35	825-836	Web of Sciences
9	Indexed relative annihilators in Almost Distributive Lattices	Journal of Advanced Research in	2012	4	40-46	Google Scholar

		Pure Mathematics,				
10	<i>Topological Characterization of Dually Normal Almost Distributive Lattices</i>	Asian-European Journal of Mathematics	2012	5	12500 43(9p ages)	Scopus
11	Uniform Structures in KK-algebras	Journal of Advanced Studies in Topology	2013	4	11-17	Google Scholar
12	<i>On G-algebras</i>	Scientia Magna	2012	8	1-7	Google Scholar
13	A relation on Almost Distributive lattices	<i>Annals of Pure and Applied Mathematics</i>	2012	2	129-134	Google Scholar
14	<i>Normal Ideals in Generalized Almost Distributive Lattices</i>	Thai Journal of Mathematics	2013	11	35-46	Scopus
15	Theta-filters in Almost Distributive Lattices	International Journal of Scientific and Innovative Mathematical Research	2013	1	250-257	Google Scholar
16	<i>Uniform Topology on Distributive Implication groupoids</i>	Southeast Asian Bulletin of Mathematics	2014	38	11-20	Web of Sciences
17	Topological Characterization of Dually B-Normal Almost Distributive Lattices	Southeast Asian Bulletin of Mathematics	2014	38	555-562	Web of Sciences
18	Ideals of Almost Distributive Lattices with respect to a congruence	International Journal of Scientific and Innovative Mathematical Research	2014	2	51-57	Google Scholar
19	Dominator and Closure ideals in Almost Distributive Lattices	Asian-European Journal of Mathematics	2014	7	14500 25 (10 pages)	Scopus
20	On complemented Almost Distributive Lattices	<i>International Journal of Modern Sciences and Engineering</i>	2015	2	68-73	Google Scholar

		<i>Technology</i>				
21	Topological Characterization of certain classes of Almost Distributive Lattices	J. Appl. Math. & Informatics	2015	33	317-325	Google Scholar
22	d-congruences in Almost Distributive Lattices	BULLETIN OF THE INTERNATIONAL MATHEMATICAL VIRTUAL INSTITUTE	2015	5	47-55	Google Scholar
23	Fuzzy Ideals of Implication Groupoids, Journal of Mathematics	Italian journal of pure and applied Mathematics	2015	34	277-290	Scopus
24	On divisibility of Almost Distributive Lattices	BULLETIN OF THE INTERNATIONAL MATHEMATICAL VIRTUAL INSTITUTE	2015	5	171-180	Google Scholar
25	Prime O-ideals in Almost Distributive Lattices	Southeast Asian Bulletin of Mathematics	2015	39	841-850	Web of Sciences
26	Boolean Filters in Pseudo-complemented Almost Distributive Lattices	Discussiones Mathematicae General Algebra and Applications ,	2015	35	119-128	Scopus
27	A Special Case of Complemented Almost distributive Lattices	International Journal of Scientific and Innovative Mathematical Research	2015	3	17-23	Google Scholar
28	e-filters in Stone Almost Distributive Lattices	<i>Chamchuri Journal of Mathematics</i>	2015	7	16-28	Google Scholar
29	<i>On ideals and congruences on Generalized Almost Distributive Lattices</i>	Palestine Journal of Mathematics	2016	5	120-126	Google Scholar
30	Delta-ideals in pseudo-complemented Almost Distributive lattices	Palestine Journal of	2016	5	240-248	Google Scholar

		Mathematics				
31	d-ideals in Almost distributive lattices	Southeast Asian Bulletin of Mathematics	2016	40	225-236	Web of Sciences
32	Falling Fuzzy Filters In BE-Algebras Shadows	Journal Of The Chungcheong Mathematical Society	2017	30	201-211	Google Scholar
33	On Minimal prime filter of Almost Distributive Lattices, . ISSN 0973-1768 Volume 13, Number 10 (2017), pp. 7153–7161	Global Journal of Pure and Applied Mathematics	2017	13	7153-7161	Google Scholar
34	Dual Relative Annihilators in Almost Distributive Lattices	Global Journal of Pure and Applied Mathematics.	2017	13	17-21	Google Scholar
35	Strict Operations on L-Almost Distributive Lattices	Global Journal of Pure and Applied Mathematics.	2017	13	52-54	Google Scholar
36	Left Bi-Quasi Ideals of Γ -Semirings	Asia Pacific Journal of Mathematics	2017	4	144-253	Google Scholar
37	Some types of ideals in distributive implication groupoids	International Journal of Pure and Applied Mathematics	2017	116	377-384	Google Scholar
38	Extended ideals of Almost Distributive Lattices	Bulletin Of International Mathematical Virtual Institute,	2018	8	357-364	Google Scholar
39	μ -filters of Almost Distributive Lattices	<i>Chamchuri Journal of Mathematics</i>	2018	10	53-65	Google Scholar
40	Coaxer Pseudo-complemented Almost Distributive Lattices	Southeast Asian Bulletin of Mathematics	2019	43	883-892	Web of Sciences
41	Fuzzy r- ideals in Γ -incline	Annals of Fuzzy Mathematics and Informatics	2019	17	247-263	Google Scholar
42	r-ideals in Gamma-incline	Asia Pacific Journal of	2019	6	1-10	Scopus

		Mathematics				
43	Normal ideals in pseudo-complemented almost distributive lattices	Algebraic Structures and Their Applications	2020	7	147-161	Scopus
44	Beta-prime spectrum of Stone Almost Distributive Lattices	Discussiones Mathematicae General Algebra and Applications	2020	40	311-326	Scopus
45	Closure filters and prime fuzzy closure filters of MS-algebras	Korean J. Math.	2020	28	509-524	Google Scholar
46	N-prime spectrum of Stone Almost Distributive Lattices	Discussiones Mathematicae General Algebra and Applications	2021	41	299-320	Scopus
47	On eGE-algebras	Discussiones Mathematicae General Algebra and Applications	2021	41	395-397	Scopus
48	Closure prime spectrum of MS-Almost Distributive Lattices	Palestine Journal of Mathematics	2021	10	834-844	Scopus
49	Disjunctive ideals of Almost Distributive lattices	Discussiones Mathematicae General Algebra and Applications,	2022	42	159-178	Scopus
50	Fuzzy (Soft) Quasi-Interior Ideals of Semirings	Transactions on Fuzzy Sets and Systems (TFSS)	2022	1	129-141	Google Scholar
51	Ideal theory of semigroups based on (3, 2)-fuzzy sets	Journal of Mathematics and Computer Science	2023	28	182-191	Scopus
52	On Prime E-filters of Almost Distributive Lattices	Int. J. Anal. Appl.	2023	21	1-24	Scopus

Books published

S. No.	Title of the book	Publisher	year
1			

Book chapters Published

S.No.	Title of the Chapter	Book title	Publisher	year
1				

Details of Patents (Filed & Granted)

S. No.	Applications number	Title of the patent	Date of filing/publishing	Published/granted
1				

Details of Conferences/FDPs/STTPs/webinars/Workshops Organized

S.No.	Name of the event	Role	Dates
1			

Details of Conferences/FDPs/STTPs/webinars/Workshops Participated

S.No.	Name of the event	Organized by	Dates
1	National Seminar on Recent Trends in Algebra And Applications	Department of Mathematics, Andhra University	29-12-2006 To 31-12-2006
2	National Conference on Recent Developments in Mathematics and Applications	Department of Mathematics, Andhra University	26-11-2007 To 28-11-2007
3	International Conference on Algebra-2010	Gajah-Mada University, Yogyakarta, Indonesia.	07-10-2010 To 10-10-2010
4	International Conference on Recent Development in Mathematical Sciences and Their Applications-2010	Calcutta Mathematical Society, Salt Lake, Kolkata	09-12-2010 To 11-12-2010
5	National Workshop on Discrete Mathematics, Algebra and their	Yogi Vemana	07-02-2011 To

	Applications-2011	University, Kadapa	11-02-2011
6	Andhra University Academic Exhibition-2011	Andhra University, Visakhapatnam	12-02-2011 To 16-02-2011
7	One day National Seminar on Algebras	Kakaraparti Bhavanarayana College, Vijayawada	25 th October,2011
8	International Conference on Algebra and Applications-2014 (ICAA-2014)	Andhra University Visakhapatnam	29 th April,2014 To 1 st May,2014
9	XXIII Congress of APSMS and National Conference on Mathematics	Vignan's University, Vadlamudi, Guntur	12 th December, 2014 To 14 th December,2014
10	National Workshop on Recent Trends in Algebra and its Applications 2015 (NWR TAA - 2015),	Kakaraparti Bhavanarayana College, Vijayawada	19 th February,2015 To 20 th February,2015
11	One day National Conference on Advances in Mathematics(AIMS-2015)	Kakaraparti Bhavanarayana College, Vijayawada	28 th November,2015
12	National Seminar on Recent Advances in Mathematical Sciences,	Andhra Loyola College (Autonomous),Vijaya wada	12 th Feb.2016
13	International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT) - 2016	DMI College of engineering, Chennai, Tamilnadu	3 rd March,2016 To 5 th March, 2016
14	National Seminar on Computational and Mathematical Biology	Institute of Chemical Technology, Mumbai	10 th September, 2016 To 11 th September,2016
15	A National Seminar on Recent Developments In Engineering Science and its Computational Applications	Potti Sriramulu Chalavadi Mallikarjuna Rao College of Engineering & Technology, Vijayawada	23 rd September,2016 To 24 th September,2016
16	2 day National Seminar on Resent trends and Applications in Mathematics and Statistics	Pithapur Rajah's Government College,(Autonomous)Kakinada	28 th September,2016 To 29 th September,2016
17	Second Andhra Pradesh Science	P.B. Siddhartha	7 th November, 2016

	Congress-2016	College of Arts & Science, Moghalrajpuram, Vijayawada,	to 9th November, 2016
18	Two day National seminar on Emerging Trends in Mathematics	Sir.C.R.Reddy(A) College Eluru, W.G.District, A.P	8 th December, 2016 to 9th December, 2016
19	104 th Indian Science Congress-2017	Sri Venkateswara University, Tirupati	3 rd January,2017 To 7 th January, 2017
20	A Two day UGC sponsored National Conference on Modern Trends in Pure Mathematics	Andhra Loyola College(Autonomous , Vijayawada	14 th July, 2017 To 15 th July, 2017
21	National Workshop on Space Dynamics	Sir.C.R.Reddy(A) College Eluru, W.G.District, A.P	4 th October, 2017 To 6 th October, 2017
22	Five Day faculty Development Program(A Workshop on essentials of LATEX)	Department of CSE & IT, Bapatla Engineering College, Bapatla	23 rd , 24 th ,25 th , 30 th and 31 st October, 2017
23	One Day National Seminar on Mathematics	SRR & CVR Degree College, Vijayawada	12 th November,2017
24	Work shop on Intellectual Property and innovation Management	Bapatla Engineering College, Bapatla	31 st August, 2018 to 1 st September, 2018
25	Two day Science Academies' Lecture Workshop on Fluid Mechanics	Department of Mathematics and Statistics, Kakaraparti Bhavanarayana College, Vijayawada	4 th October, 2018 to 5 th October, 2018
26	International Conference on computing Sciences(ICCS 2018-2019)	Loyola Research Institute of Mathematics and computing Sciences, Loyola College, Chennai	16 th November, 2018 to 17 th November, 2018
27	National Seminar on Recent Developments in Mathematics and its Applications-2018(RDMA-2018) ,	Department of Mathematics, Dr. B.R. Ambedkar University, Etcharla,	21st December to 22nd December, 2018,

		Srikakulam.	
28	Two Day Workshop on Physics of Fluid, Methods, and Applications	Department of Mathematics, School of Technology, GITAM(Deemed to be University), Hyderabad	1 st March, 2019 to 2 nd March, 2019
29	National conference on Mathematics, Statistics & Applications(NCMSA'19)	Division of Mathematics, Department of Science & Humanities, Vignan deemed to be University, Vadlamudi.	19 th July,2019 To 20 th July,2019
30	A 6-Day Short Term Training Programme(STTP) on Statistics with R-programming	Department of Computer Science and Engineering, Narasaraopeta Engineering College, Narasaraopeta	24 th June, 2019-29 th June, 2019
31	A Two day faculty Develop program on Linear Regression Analysis	Department of Mathematics Bapatla Engineering College Bapatla	25 th ,October, 2019-26 th October, 2019
32	One Day National Seminar on "RECENT TRENDS IN MATHEMATICS" on sponsored by RUSA, organized by	Department of Mathematics (UG & PG), Sri YN College(A), Narsapur, W.G.Dt., A P.	21 st September,2019
33	International Conference on Mathematical Sciences-2019(ICMS-2019)	SMT.Gentela Sakuntamma College Jaggayyapet	11 th November,2019-13 th November,2019
34	7 Days Faculty Development Programme on "R Programming"	Department of Computer Science, St. Joseph's College(Autonomus), Irinjalakuda, in Association with Spoken Tutorial, IIT-Bombay	4 th May, 2020 to 10 th May, 2020
35	One Week National Online Faculty Development Program on ICT Tools for Effective Teaching Learning	School of Mathematical Sciences, Swami Ramanand Teerth	11 th May,2020 to 16 th May,2020

		Marathwada University, Nanded.	
36	One Week National Level Faculty Development Program and Online Training on “SCILAB- An Open Source Substitute for MATLAB ”	JNTUH College of Engineering, Sultanpur, Sagareddy(Dt.) and Spoken Tutorial Project IIT-Bombay	25 th May, 2020 to 30 th May, 2020
37	One Week National Faculty Development Program and Online Training on “LaTex”	Sanjay Ghodawat University, Kolhapur in association with Spoken Tutorial Project, IIT-Bombay	27 th April, 2020 to 2 nd May , 2020
38	International Symposium on MATHEMATICAL SCIENCES AND THEIR APPLICATIONS:MSATA-2022	"Department of Applied Mathematics Yogi Vemana University Kadapa	JANUARY 28th&29th ,2022
39	International Conference on Recent Advances in Non Linear Fractional Analysis and its Applications-2022	Deaprtment of Mathematics, Andhra University Visakhapatnam	JANUARY 2th&30th ,2022
40	International Conference on Multidisciplinary Research in Sciences & Humanities (ICMRSH-2022)	Vasireddy Venkatadri Institute of Technology, Guntur, Andhra Pradesh	17th& 18th February, 2022
41	International Conference on Advances & Applications in Mathematical Sciences	Andhra Loyola College, Vijayawada	14 th to 11 th March, 2023
42	UGC Sponsored Two Day National Conference on Advances in Mathematical Sciences and its Applications(NCAMSA-2023)	Department of Mathematics, Acharya Nagarjuna University,Guntur	17th& 18th March, 2023

Awards/recognitions/achievements

S.No.	Name of the Award	Awarding body/Society/Organization	Year
1	Department Best Teacher Award for the Academic year 2020-21	Bapatla Enginerring College, Bapatla	2021

Details of project proposals submitted/sanctioned/completed

S.No.	Title of the Project	Funding body	Submitted/ Sanctioned/ Completed	Amount	Year/ duration

Consultancy contribution

S.No.	Year	Amount	Details
1			

Student Project/research guidance

S.No	Level	Total number	
1	UG	Completed:	Ongoing:
2	PG	Completed:	Ongoing:
3	PhD	Completed:	Ongoing:

Administrative experience

S.No.	Role	Duration (From – to)
1		

Research credentials

Index/database	ID/Link
Google Scholar	https://scholar.google.com/citations?user=fnvU9dEAAAAJ &hl=en
SCOPUS	https://www.scopus.com/authid/detail.uri?authorId=5503 2872100
Web of Science	JDW-9846-2023
Vidwan ID	323872

Any other relevant information

(NOORBHASHA RAFI)
(13-09-2023)