FACULTY PROFILE

Name of the Faculty:	**NOORBHASHA RAFI**
Designation:	**Assistant Professor**
Department:	**Mathematics**
Date of Birth:	**16-06-1982**
AICTE – ID:	1-1431269282

Education	• **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	
	Research: 18 Years	Others: ____Years	**Total: 18 Years**

Research Specialization	Lattice Theory, Semigroups, MS-Algebras, G-Algebras, KK-Algebras, GE-algebras, BE-algebras, eGE-algebras, Gamma-semirings, Gamma-incline and Fuzzy Theory etc.

Courses taught	1. **Topology(M104)** 2. **Graph Theory(M205)** 3. **Number Theory(M204)** 4. **Rings & Modules(M301)** 5. **Non-Commutative Rings(M401)** 6. **LAODE(MA01), NMAC(MA02)** 7. **Probability & Statistics(MA03)** 8. **Complex Variable & Special Functions(MA04), MFCS(MA05)**

Research contributions

S. No.	Title of paper	Journal	Year	Vol ume	pages	Indexing (SCI/WoS/ COPUS, Google scholar)
1	*Generalized Almost Distributive Lattices-I*	Southeast Asian Bulletin of Mathematics	2009	33	1175-1188	Web of Sciences
2	*A characterization of congruence Kernels in Pseudo-complemented Generalized Almost Distributive Lattices*	International Journal of Algebra	2009	3	785-791	Google Scholar
3	*Closure Operation in Almost Distributive Lattices*	International Mathematical Forum	2010	5	929-935	Google Scholar
4	*Pseudo-Complementation on Generalized Almost Distributive Lattices*	Asian-European Journal of Mathematics	2010	3	335-346	Scopus
5	*S-Linear Almost Distributive Lattices*	European Journal of Pure and Applied Mathematics	2010	3	704-716	Scopus
6	*Generalized Almost Distributive Lattices-II*	Southeast Asian Bulletin of Mathematics	2011	35	91-102	Web of Sciences
7	*On Prime filters in Almost Distributive Lattices*	Southeast Asian Bulletin of Mathematics	2011	35	653-663	Web of Sciences
8	*S-ideals in Almost Distributive Lattices,* Southeast Asian Bulletin of Mathematics	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 Pure Mathematics,	2012	4	40-46	Google Scholar
10	*Topological Characterization of Dually Normal Almost Distributive Lattices*	Asian-European Journal of Mathematics	2012	5	1250043(9pages)	Scopus

11	Uniform Structures in KK-algebras	Journal of Advanced Studies in Topology	2013	4	11-17	Google Scholar
12	*On G-algebras*	Scientia Magna	2012	8	1-7	Google Scholar
13	A relation on Almost Distributive lattices	*Annals of Pure and Applied Mathematics*	2012	2	129-134	Google Scholar
14	*Normal Ideals in Generalized Almost Distributive Lattices*	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	*Uniform Topology on Distributive Implication groupoids*	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	*1450025 (10 pages)*	Scopus
20	On complemented Almost Distributive Lattices	*International Journal of Modern Sciences and Engineering Technology*	2015	2	68-73	Google Scholar
21	Topological Characterization of certain classes of Almost Distributive Lattices	J. Appl. Math. & Informatics	2015	33	317-325	Google Scholar
22	d-congruences in	BULLETIN OF	2015	5	47-55	Google Scholar

	Almost Distributive Lattices	THE INTERNATIONAL MATHEMATICAL VIRTUAL INSTITUTE				
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	*Chamchuri Journal of Mathematics*	2015	7	16-28	Google Scholar
29	*On ideals and congruences on Generalized Almost Distributive Lattices*	Palestine Journal of Mathematics	2016	5	120-126	Google Scholar
30	Delta-ideals in pseudo-complemented Almost Distributive lattices	Palestine Journal of Mathematics	2016	5	240-248	Google Scholar
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	2017	30	201-211	Google Scholar

		Society				
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	*Chamchuri Journal of Mathematics*	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 Mathematics	2019	6	1-10	Scopus
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	2020	40	311-326	Scopus

		and Applications				
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 T0 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 Applications-2011	Yogi Vemana University, Kadapa	07-02-2011 To 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	25th October,2011
8	International Conference on Algebra and Applications-2014	Andhra University Visakhapatnam	29th April,2014 To

			(ICAA-2014)		1st May,2014
9	XXIII Congress of APSMS and National Conference on Mathematics	Vignan's University, Vadlamudi, Guntur	12th December, 2014 To 14th December,2014
10	National Workshop on Recent Trends in Algebra and its Applications 2015 (NWRTAA - 2015),	Kakaraparti Bhavanarayana College, Vijayawada	19th February,2015 To 20th February,2015
11	One day National Conference on Advances in Mathematics(AIMS-2015)	Kakaraparti Bhavanarayana College, Vijayawada	28th November,2015
12	National Seminar on Recent Advances in Mathematical Sciences,	Andhra Loyola College (Autonomous),Vijayawada	12th Feb.2016
13	International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT) - 2016	DMI College of engineering, Chennai, Tamilnadu	3rd March,2016 To 5th March, 2016
14	National Seminar on Computational and Mathematical Biology	Institute of Chemical Technology, Mumbai	10th September, 2016 To 11th 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	23rd September,2016 To 24th September,2016
16	2 day National Seminar on Resent trends and Applications in Mathematics and Statistics	Pithapur Rajah's Government College,(Autonomous)Kakinada	28th September,2016 To 29th September,2016
17	Second Andhra Pradesh Science Congress-2016	P.B. Siddhartha College of Arts & Science, Moghalrajpuram, Vijayawada,	7th November, 2016 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	8th December, 2016 to 9th December, 2016
19	104th Indian Science Congress-2017	Sri Venkateswara	3rd January,2017

			University, Tirupati	To 7th January, 2017
20	A Two day UGC sponsored National Conference on Modern Trends in Pure Mathematics		Andhra Loyola College(Autonomous), Vijayawada	14th July, 2017 To 15th July, 2017
21	National Workshop on Space Dynamics		Sir.C.R.Reddy(A) College Eluru, W.G.District, A.P	4th October, 2017 To 6th October, 2017
22	Five Day faculty Development Program(A Workshop on essentials of LATEX)		Department of CSE & IT, Bapatla Engineering College, Bapatla	23rd , 24th ,25th , 30th and 31st October, 2017
23	One Day National Seminar on Mathematics		SRR & CVR Degree College, Vijayawada	12th November,2017
24	Work shop on Intellectual Property and innovation Management		Bapatla Engineering College, Bapatla	31st August, 2018 to 1st September, 2018
25	Two day Science Academies' Lecture Workshop on Fluid Mechanics		Department of Mathematics and Statistics, Kakaraparti Bhavanarayana College, Vijayawada	4th October, 2018 to 5th October, 2018
26	International Conference on computing Sciences(ICCS 2018-2019)		Loyola Research Institute of Mathematics and computing Sciences, Loyola College, Chennai	16th November, 2018 to 17th 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, Srikakulam.	21st December to 22nd December, 2018,
28	Two Day Workshop on Physics of Fluid, Methods, and Applications		Department of Mathematics, School of Technology, GITAM(Deemed to be University), Hyderabad	1st March, 2019 to 2nd March, 2019
29	National conference on Mathematics, Statistics &Applications(NCMSA'19)		Division of Mathematics,	19th July,2019 To 20th July,2019

		Department of Science & Humanities, Vignan deemed to be University, Vadlamudi.	
30	A 6-Day Short Term Training Programme(STTP) on Statistics with R-programming	Department of Computer Science and Engineering, Narasaraopeta Engineering College, Narasaraopeta	24th June, 2019-29th June, 2019
31	A Two day faculty Develop program on Linear Regression Analysis	Department of Mathematics Bapatla Engineering College Bapatla	25th ,October, 2019-26th 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.	21st September,2019
33	International Conference on Mathematical Sciences-2019(ICMS-2019)	SMT.Gentela Sakuntalamma College Jaggayyapet	11th November,2019-13th 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	4th May, 2020 to 10th May, 2020
35	One Week National Online Faculty Development Program on ICT Tools for Effective Teaching Learning	School of Mathematical Sciences, Swami Ramanand Teerth Marathwada University, Nanded.	11th May,2020 to 16th May,2020
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	25th May, 2020 to 30th May, 2020
37	One Week National Faculty	Sanjay Ghodawat	27th April, 2020 to

	Development Program and Online Training on "LaTex"	University, Kolhapur in association with Spoken Tutorial Project, IIT-Bombay	2nd 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 Fuctional 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	14th to 11th 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=55032872100
Web of Science	JDW-9846-2023
Vidwan ID	323872

Any other relevant information

(NOORBHASHA RAFI)

(13-09-2023)