FACULTY PROFILE

Name of the H	Faculty: Dr.K.V.I	N.ACHARYULU	
Designation:	Associate	Professor & Head	
_	Dept. of	Mathematics	
	Bapatla l	Engineering college	1000
	Bapatla-	522102,A.P	
	Email: <u>d</u>	r.kvlna@gmail.com	
Department:	Mathema	atics	
Dateof Birth:	12-08-19	76	
AICTE-ID:	1-428150171		
	• B.SC in M.P.C f	rom Acharya Nagarjuna Ur	niversity in 1997
	• M.SC in A.O Mat	thematics from Acharya Na	garjuna University in 1999
Education	• M.Phil in Mather	natics (first rank) from Mad	lrs University in 2001
	• PhD in Mathema	tics from Acharya Nagarjun	a University in 2011
	Under the guidan	ce Prof.N.Ch.Pattabhi Ram	acharyulu,
	Retd. Professor N	IIT, Warangal	
Experience	Teaching:22Years	Industry:-Years	
	Research:21Years	Others:-Years	Total: 22 Years
Specialization	Numerical Methods, Science, Real Analysis	Mathematical Ecology, N , Epidemiology and Operation	
	China, Singapore, Ind	lonesia, Malaysia, Egypt, Sa n, Thailand, Ethiopia etc.(America, Canada, Britain, udi Arabia, Pakistan, South As a member of Editorial
	Research Achievemen	·	
		ational Research Publication	ns – More than 150
	Member of Interna	ational Editorial/ Reviewer l	Boards(till 2019)-More than 100
	* Editor-in-Chief for	r two international journals	(2013-2018)
	* Associate Editor fo	or two international journals	s
		ry/Professional Bodies- Mo	re than 25
	Books Authored -		
	 Chapters Written 		
	 Books Edited – Me 		
		ique World Records in Matl	
		-	FDPs(Attended/Presented):100
	world	15 OF TESEATCH ATUCIES OF VAL	ious countries throughout the
		ee Member of many Interna	ational Conferences.
	e	any Awards and Rewards	

Courses taught	1. Linear Algebra & Ordinary Differential Equations
	2. Numerical Methods & Advanced Calculus
	3. Probability & Statistics
	4.Complex Variables & Special Functions
	5. Optimization Techniques
	6. Real Analysis-I
	7. Real Analysis-II
	8. Topology
	9. Ordinary Differential Equations
	10. Partial Differential Equations
	11. Complex Analysis
	12. Operations Research – I
	13. Operations research – II
	14. Computer Oriented Numerical Methods
	15.Linear Programming Problem
	16. Discrete Mathematics
	17.Coding Theory
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RESEARCH CONTRIBUTIONS:150 Research Papers Selected Publications (110): 90 Journal Publications & 20 Conference Proceedings

	International	l/national peer 1	reviewed j	journals		
S. No.	Title of paper	Journal	Year	Volu me	pages	Indexing (SCI/WoS/ SCOPUS, Google scholar)
1	K.V.L.N.Acharyulu& N.Ch. PattabhiRamacharyulu, 'On The Stability of An Enemy- Ammensal Species Pair with Limited Resources'	International Journal of Applied Mathematical Analysis and Applications	July, 2009	Vol. 4, No.2	143- 155	UGC Approved
2	K.V.L.N.Acharyulu& N.Ch. PattabhiRamacharyulu, 'Liapunov's Function for Global Stability of Harvested Ammensal and Enemy Species Pair with Limited Resources'	International Review of pure & applied mathematics	July- Dec. 2010	Vol.6, No.2	257- 265	UGC Approved
3	M. Lakshmi Sailaja,K.V.L.N.Acharyulu, N.RamaGopal & P.Rama Mohan, ' EcologicalAmmensal Model With Reserve for One Species and Harvesting both The Species at Variable Rates'	International Journal of Advances in Soft Computing and Its Applications	2010	Vol.2, No.3	1-18	Scopus

4	K.V.L.N.Acharyulu & N.Ch. PattabhiRamacharyulu, 'Some threshold Results on an Ammensal-Enemy Ecological Model with variable Ammensal Coefficient'	Global Journal of Mathematical Sciences: Theory and Practical	2010	Vol.2, No.3	49-58	UGC Approved
5	K.V.L.N.Acharyulu & N.Ch. PattabhiRamacharyulu, 'Mortal Ammensal and an Enemy Ecological Model with Immigration for Ammensal Species at a Constant Rate'	International Journal of Bio-Science and Bio- Technology (IJBSBT)	March, 2011	Vol. 3, No.1	39-47	Scopus
6	K.V.L.N.Acharyulu & N.Ch. PattabhiRamacharyulu, 'An Immigrated Ecological Ammensalism with Limited Resources'	International Journal of Advanced Science and Technology (IJAST)	2011	Vol.27	79-85	UGC Approved
7	K.V.L.N.Acharyulu & N.Ch. PattabhiRamacharyulu, 'A Study on Global Stability of the Harvested Enemy and An Ammensal Species Pair with Limited Resources'	International Journal of Mathematics Research (IJMSR)	2011	Vol.3, No.1	59-67	UGC Approved
8	K.V.L.N.Acharyulu & N.Ch. PattabhiRamacharyulu, 'A Numerical Study on an Ammensal - Enemy Species Pair with Unlimited Resources and Mortality Rate for Enemy Species'	International Journal of Advanced Science & Technology (IJAST)	May, 2011	Vol.30	13-23	UGC Approved
9	K.V.L.N.Acharyulu & N.Ch. PattabhiRamacharyulu, 'An Ecological Ammensalism with Multifarious restraints- A Numerical Study'	International Journal of Bio-Science and Bio- Technology (IJBSBT)	June, 2011	Vol.3, No.2	1-12	Scopus
10	K.V.L.N.Acharyulu & N.Ch. PattabhiRamacharyulu, 'Multiple Constraints in Ecological Ammensalism- A Numerical Approach'	Int. J. Advance. Soft Comput. Appl.	July, 2011	Vol.3, No.2	1-15	Scopus
11	K.V.L.N.Acharyulu & N.Rama Gopal 'Numerical Approach to a Mathematical Model of Three species ecological	International journal of Mathematical Archive	2012	Vol.3, No.6	2273- 2282	UGC Approved
	Ammensalism'					

	Gopal ,P.Prasanna Anjaneyulu and P.Rama Mohan ' Ecological Ammensalism with four species at three levels -A numerical approach'	journal of Mathematical Archive		No.10		Approved
13	K.V.L.N.Acharyulu and N.Ch. Pattabhi Ramacharyulu 'On the Carrying capacity of Enemy Species, Inhibition coefficient of Ammensal Species and Dominance reversal time in An Ecological Ammensalism - A Special case study with Numerical approach'	International Journal of Advanced Science and Technology	June, 2012	Vol.43	49-58	UGC Approved
14	K.V.L.N.Acharyulu and N.Phani Kumar ' Global Stability Of A Commensal – Host Ecological Model With Limited Resources And Both Are Harvesting At A Constant Rate'	International Journal of Mathematics and Computer Applications Research	2013	Vol.3, No.1	95- 102	UGC Approved
15	K.V.L.N.Acharyulu,N.Phani Kumar,Prof.N.Ch.Pattabhirama charyulu 'On The Stability Of A Commensal-Host Harvested (Immigration) Species Pair With Limited Resources'	International Journal of Scientific and Innovative Mathematical Research (IJSIMR)	August, 2013	Vol.I, Issue I	54-65	UGC Approved
16	K.V.L.N.Acharyulu and Maddi.N.Murali Krishna ' Some Remarkable Results in Row and Column both Dominance Game with Brown's Algorithm'	International Journal of Mathematics and Computer Applications Research	2013	Vol.3, No.1	139- 150	UGC Approved
17	K.V.L.N.Acharyulu,Maddi. N. Murali Krishna, Sateesh Bandikalla & Nagu Vadlana 'A Significant Approach On A Special Case Of Game Theory'	International Journal of Computer Science Engineering and Information Technology Research	2013	Vol.3, Issue 2	55-78	UGC Approved
18	K.V.L.N.Acharyulu and	International	2013	Vol.3,	175-	UGC

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	'A Scientific Computation On A Peculiar Case of Game Theory in Operations Research'	Journal of Computer Science Engineering and Information Technology Research,		No.1	190	
19	Venkata Lakshmi Narasimhacharyulu Kanduri, Maddi.N.Murali Krishna and K.Praveen kumar 'A Computationsl Study Of A Large Network With Arithmetic Progression On Pessimistic Time Estimate'	International Journal of Scientific and Innovative Mathematical Research (IJSIMR)	Oct, 2013	Vol.1, Issue 2	121- 133	UGC Approved
20	K.V.L.N.Acharyulu and Nagu Vadlana 'Impact of G.P on Networks - A Computational Study on Case (II)'	International Journal of Computer Science Engineering and Information Technology Research	Aug, 2013	Vol.3, Issue3	241- 250	UGC Approved
21	Kanduri Venkata Lakshmi Narasimhacharyulu and Bodigiri Sai Gopi Nadh 'An Inductive Attempt to Prove Mean Value Theorem for n- Real Valued Functions'	International Journal of Scientific and Innovative Mathematical Research (IJSIMR)	2013	Vol.1, Issue3	234- 242	UGC Approved
22	K.V.L.N.Acharyulu, Maddi.N.Murali Krishna & P. Prasanna Anjaneyulu 'A ScientificStudy On A Network With Arithmetic Progression On Optimistic Time Estimate'	Acta CienciaIndica	2014	Vol.40 No.2	177- 188	UGC Approved
23	Kanduri Venkata Lakshmi Narasimhacharyulu & I.Pothuraju 'Geometric Progression in Operations Research (PERT) – A Special Case Study'	International Journal of Scientific and Innovative Mathematical Research (IJSIMR)	2014	Vol. 2, Issue 1	83-93	UGC Approved

24	Kanduri Venkata Lakshmi Narasimhacharyulu & I.Pothuraju 'A Peculiar Case In Game Theory- A Computational Study'	International Journal of Scientific and Innovative Mathematical Research (IJSIMR)	2014	Vol.2, Issue.3	269- 280	UGC Approved
25	N.Seshagiri Rao, K.Kalyani and K.V.L.N.Acharyulu 'Threshold results for host – Mortal Commensal ecosystem with limited resources'	Global Journal of Pure and Applied Mathematics	2014	Vol.10 No.6	787- 791	Scopus
26	K.Kalyani, N. Seshagiri Rao & K.V.L.N.Acharyulu ' A fixed point of self mapping in Hilbert space'	Global Journal of Pure and Applied Mathematics	2014	Vol.10 No.6	783- 786	UGC Approved
27	Kanduri Venkata Lakshmi Narasimhacharyulu & I.Pothuraju 'A Special case in Network – G.P on optimistic time estimate'	Acta Ciencia Indica	2014	Vol.40 No. 3	315- 321	UGC Approved
28	K.V.L.N.Acharyulu, Maddi.N.Murali Krishna & P. Prasanna Anjaneyulu 'Arithmetic Progression in Operations Research (PERT) - A Special case study'	Acta Ciencia Indica	2014	Vol.40 No. 3	425- 434	UGC Approved
29	R.Rama Kishore, K.V.L.N.Acharyulu & Prof.N.Ch.Pattabhi Ramacharyulu ' Model of Gonorrhea in Homogeneous Population with constant Immigration and Exponential Deaths'	Acta Ciencia Indica	2014	Vol.40 No.4	589- 597	UGC Approved
30	Kanduri Venkata Lakshmi Narasimhacharyulu,Ch.Chandr a Sekara Rao & I.Pothuraju 'Harmonic Progression on Huge Networks-A Scientific Approach with Computational Study on Case(I)'	International Journal of Scientific and Innovative Mathematical Research	2014	Vol.2, Issue 12	989- 998	UGC Approved

		(IJSIMR)				
31	K.V.L.N.Acharyulu & N.Phani Kumar 'Uniqueness of Ammensal & Commensal Mathematical Models with Limited Resources in Fully Washed-Out State'	International Journal of Science Technology & Management	2015	Vol. 4, special Issue 1	181- 186	UGC Approved
32	Phani Kumar.N,Geremew K & K.V.L.N.Acharyulu 'Harvesting of Both Commensal-Host Species Pair at a Constant Rate -A Numerical Approach'	International Journal of Scientific and Innovative Mathematical Research (IJSIMR)	2015	Vol. 3, Issue. 01	45-54	UGC Approved
33	N.Seshagiri Rao, K.Kalyani and K.V.L.N.Acharyulu 'Threshold results of a Host - Mortal commensal ecosystem with a constant harvesting of the Commensal species'	ARPN Journal of Engineering and Applied Sciences	March, 2015	Vol.10 No.2	802- 805	Scopus
34	K.V.L.N.Acharyulu & N.Phani Kumar 'Diversities of Commensal & Ammensal Mathematical Models With Limited Resources In Commensal /Ammensal Washed out State'	International Journal of Science Technology & Management	March, 2015	Vol. 4, special Issue. 1	1108- 1112	UGC Approved
35	Dr.K.V.L.N.Acharyulu 'Ammensal Mathematical Model with Time Delay- Case(I) Study'	International Journal of Computer & Mathematical Science (IJCMS)	2015	Vol.5, special Issue. 3	109- 113	UGC Approved
36	Dr.K.V.L.N.Acharyulu 'Ammensal Ecological Model with Time Delay in Co-Existent equilibrium State'	International Journal of Computer & Mathematical Science (IJCMS)	2015	Vol.5, special Issue. 3	114- 118	UGC Approved
37	N.Seshagiri Rao, K.V.L.N.Acharyulu and K.Kalyani 'Numerical study on ecological commensalism between two	ARPN Journal of Engineering and Applied	2015	Vol.10 No.4	1548- 1551	Scopus

	species with harvested Commensal'	Sciences				
38	N.Seshagiri Rao, K.V.L.N.Acharyulu and K.Kalyani 'Host-Mortal commensal species pair with host immigrated at constant rate-a special case with Numerical study'	Acta Ciencia Indica	2015	Vol.41 No.1	39-46	UGC Approved
39	N. Seshagiri Rao, K.Kalyani and K.V.L.N.Acharyulu ' A unique fixed point theorem in Hilbert space'	Acta Ciencia Indica	2015	Vol.41 No.1	47-50	UGC Approved
40	N.Seshagiri Rao, K.V.L.N.Acharyulu & K.Kalyani ' A Host-Mortal Commensal Species Pair With Limited Resources - A Numerical Study'	International Journal of Bio -Science and Bio - Technology	2015	Vol.7, No.1	133- 140	UGC Approved
41	N.Seshagiri Rao, K.V.L.N.Acharyulu and K.Kalyani ' Phase Plane Analysis of A Host -Commensal Ecological Model'	International Journal of Advanced Science and Technology (IJAST)	2015	Vol.78	59-66	UGC Approved
42	N.Seshagiri Rao, K.V.L.N.Acharyulu and K.Kalyani 'Chaotic behavior of host- Monad commensal species pair- A special numerical case study'	ARPN Journal of Engineering and Applied Sciences	August 2015	Vol.10 No. 14	6121- 6126	Scopus
43	N.Phani Kumar, K.V.L.N.Acharyulu,S.V.Vasavi & SK.Khamar Jahan 'A Series Solution of Ecological Harvested Commensal Model by Homotopy Perturbation Method'	International Journal of Scientific and Innovative Mathematical Research (IJSIMR)	2015	Vol.3, ssue. 11	44-53	UGC Approved
44	N.SeshagiriRao,	ARPN	July	Vol.	5490-	Scopus

	K.V.L.N.Acharyulu & K.Kalyani ' A Host - Mortal Commensal Ecosystem With Harvesting Of Both The Species - Phase Plane Analysis'	Journal of Engineering and Applied Sciences	2015	10, No. 13	5497	
45	K.V.L.N.Acharyulu, N.Phani Kumar, G.Bhargavi & K.Nagamani ' Ecological Harvested Ammensal Model- A Homotopy Analysis'	International Journal of Scientific and Innovative Mathematical Research (IJSIMR)	2015	Vol.3 Issue .12	27-35	UGC Approved
46	Dr.K.V.L.N.Acharyulu ,B.Sai Gopi Nadh, M.Nithya Vyshnavi ' Generalized Relation Among Upper Bounds in A Special Case by Taylor's Series'	Acta Ciencia Indica	2015	Vol.41 No.4	277- 283	UGC Approved
47	Dr.K.V.L.N.Acharyulu & Dr.Phani Kumar 'Ecological Ammensalism-A Series Solution By Homotopy Perturbation Method'	Acta Ciencia Indica	2015	Vol.41 No.4	295- 304	UGC Approved
48	N.SeshagiriRao, K.V.L.N.Acharyulu and K.Kalyani 'Null Clines, Phase Planes Of Both Harvested Host-Mortal Commensal Eco-System'	ARPN Journal of Engineering and Applied Sciences	August 2015	Vol.10 No. 14	5976- 5983	Scopus
49	Dr.K.V.L.N.Acharyulu 'A Peculiar Case of Unlimited Resources in Ecological Ammensalism'	International Journal of Advanced Technology in Engineering and Science (IJATES)	2016	Vol.4, Issue.8	501- 506	UGC Approved
50	K.V.L.N.Acharyulu,S.V.Vasavi & SK.Khamar Jahan 'A Homotopy Series Solution For A Competitive Ecological Model With Harvesting For Second Species'	Acta Ciencia Indica	2016	Vol.42 No.3		UGC Approved

51	N.Seshagiri Rao, K.V.L.N.Acharyulu & K.Kalyani' 'The Effect Of Commensal Coefficient on Ecological Commenslism'	Acta Ciencia Indica	2016	Vol.42 No.3	251- 258	UGC Approved
52	Dr.K.V.L.N.Acharyulu, 'A Phase Plane Analysis of A Peculiar Case of Ecological Ammensalism'	International Journal of Advance research in science and Engineering (IJARSE)	2016	Vol.5, Issue 8	618- 623	UGC Approved
53	Dr.K.V.L.N.Acharyulu, 'A Special Case Of Ecological Commensalism- Phase Plane Analysis'	International Journal of Advanced Technology in Engineering and Science (IJATES)	2016	Vol.4, Issue 9	351- 356	UGC Approved
54	Dr.K.V.L.N.Acharyulu, 'Phase Plane Analysis On Ammensal Model With Limited Resources'	International Journal of Computer & Mathematical Science (IJCMS)	2016	Vol.5, Issue 9	55-61	UGC Approved
55	Dr.K.V.L.N.Acharyulu & Dr.Phani Kumar, 'Ammensalism with Mortal Enemy Species Series Solution'	International Journal of Advance research in science & Engineering (IJARSE)	2016	Vol.5, Issue 9	470- 477	UGC Approved
56	Dr.K.V.L.N.Acharyulu & Dr.Phani Kumar, 'Phase Plane Analysis on Ammensalism with Mortal Enemy Species'	International Journal of Advance research in science & Engineering (IJARSE)	2016	Vol.4, Issue 9	654- 660	UGC Approved
57	Dr.K.V.L.N.Acharyulu, 'Migrated Ammensalism with Mortality for Both the Species - A Case Study'	International Journal of Advance research in science &	2016	Vol.5, Issue10	103- 110	UGC Approved

		Engineering (IJARSE)				
58	Dr.K.V.L.N.Acharyulu, 'Migrated Ammensalism with the Case of Mortality'	International Journal of Engineering Technology, Management and Applied Sciences (IJETMAS)	2016	Vol.4, Issue 10	81-88	UGC Approved
59	Dr.K.V.L.N.Acharyulu, 'Global Stability of Strong Monad Ammensalism - Lyapunov's Technique'	International Journal of Engineering Technology Science and Research (IJETSR)	2016	Vol.3, Issue 10	68-74	UGC Approved
60	K.V.L.N.Acharyulu,K.Nagama ni &.G.Bhargavi 'A Mathematical Model Of Mutualism With Harvested First Species-A Series Solution'	Acta Ciencia Indica	2016	Vol.42 No.4	279- 290	UGC Approved
61	Geremew K, N. Phani Kumar, K. V. L. N. Acharyulu and Boka Kumsa, 'Dynamics of Commensalism Interaction with Linear and Holling Type II Functional Responses by the Host to the Commensal Species'	International Journal of Bio-Science and Bio- Technology (IJBSBT)	Feb. 2017	Vol. 9, No.1	23-34	Scopus
62	Solomon T, Phani Kumar N, K.V.L.N Acharyulu, Boka Kumsa and Vishwa Prasad Rao.S, 'Stability Analysis in a Mutualism System with Linear, Holling Type-II and Functional Response'	International Journal of Advanced Science and Technology (IJAST)	2017	Vol. 103	35-46	Scopus
63	K.V.L.N.Acharyulu, 'A Special Case Study On 10x10 Symmetric Problem in Game Theory–Brown"s Algorithm'	Acta Ciencia Indica	2017	Vol.43 No.2	141- 148	UGC Approved
64	K.V.L.N.Acharyulu, 'A Case Study On The Influence of Optimistic Time Estimate On A Network With Arithmetic Progression'	International Journal of Advance research in science and Engineering	2017	Vol.6, No.10	1198- 1205	UGC Approved

		(IJARSE)				
65	K.V.L.N.Acharyulu, 'Arithmetic Progression on Most Likely Time Estimate -A case Study'	Acta Ciencia Indica	2017	Vol.43 ,No.2	165- 172	UGC Approved
66	K.V.L.N.Acharyulu, 'Prime Problem In Game Theory – Brown''s Algorithm'	International Journal of Advance research in science and Engineering (IJARSE)	2017	Vol.6, No.10	1206- 1212	UGC Approved
67	K.V.L.N.Acharyulu, 'Homotopy Analysis on Harvested Enemy Species with Variable Rate and Cover Protected Ammensal Species'	Acta Ciencia Indica	2017	Vol.43 No.3	205- 213	UGC Approved
68	K.V.L.N.Acharyulu, 'A Problem in Game Theory with Fibonacci Numbers'	International Journal of Advance research in science and Engineering	2017	Vol.6, No.11	1954- 1960	UGC Approved
69	K.V.L.N.Acharyulu, 'A Game with non zeroTriangular numbers'	Acta Ciencia Indica	2017	Vol.43 No.4	247- 253	UGC Approved
70	K.V.L.N.Acharyulu, 'Pessimistic Time Estimate With Arithmetic Progression'	International Journal of Advance research in science and Engineering	2017	Vol.6, No.11	1961- 1967	UGC Approved
71	K.V.L.N.Acharyulu, 'A Special symmetric Game Problem with Triangular Numbers- Brown''s Algorithm'	Acta Ciencia Indica	2017	Vol.43	221- 227	UGC Approved
72	Dr.K.V.L.N.Acharyulu, B.Sai Prasanna and B.Sri Satya Rajani, 'A Special Case Study in LPP',	International Journal of Management, Technology and Engineering	2018	Vol.8, Issue10	1512- 1521	UGC Approved
73	Dr.K.V.L.N.Acharyulu, A.Bhargavi and G.Sravani, 'A Peculiar Problem in Linear Programming Problem'	International Journal of Management, Technology and Engineering	2018	Vol.8, Issue10	1532- 1540	UGC Approved

74	Dr.K.V.L.N.Acharyulu,	International	2018	Vol.8,	1541-		
74	B.Jayasree and Sk .Mubeena,		2018	VOI.8, Issue10			
	'A Generalized problem in	Journal of		Issue10	1548		
	Linear programming problem'	Management,				UGC	
		Technology				Approved	
		and					
		Engineering					
75	Dr.K.V.L.N.Acharyulu,	International	2018	Vol.8,	1549-		
	P.Hema and T.Vimala,	Journal of		Issue10	1556		
	'A Variety Problem in Linear	Management,				UGC	
	Programming'	Technology				Approved	
		And					
		Engineering					
76	Dr.K.V.L.N.Acharyulu,	Journal of the	October	Vol.21	368-		-
	O.Nagaraju & G.Srikanth,	Gujarat	2019	Issue3	377		
	'Special Case in Assignment	Research	2017	100000		UGC CARE List	
	Problem with Ramanujan	Society				LISI	
	Primes'	•					
77	Dr.K.V.L.N.Acharyulu,V.Sarit	Journal of the	October	Vol.21	378-		
	ha & K.Yamini Devi,	Gujarat	2019	Issue3	389	UGC CARE	
	'A Peculiar Case in Assignment	Research				List	
	Problem With Triangular Numbers'	Society					
78	Dr.K.V.L.N.Acharyulu , Ch.	Journal of the	October	Vol.21	390-		
10	Sri Lakshmi & Y.Anusha,	Gujarat	2019	Issue3	400		
	'Generalized Case in	Research	2017	155005	+00	UGC CARE	
	Assignment Problem With					List	
	Lucas Numbers'	Society					
79	Dr.K.V.L.N.Acharyulu, H.	Journal of the	October	Vol.21	401-		
	Mounika & CH. Raja	Gujarat	2019	Issue3	413		
	Rajeswari Devi,	Research				UGC CARE	
	'A Variety Case in Assignment Problem With Tribonacci	Society				List	
	Numbers'						
80	Dr.K.V.L.N.Acharyulu,	Journal of the	October	Vol.21	414-		-
	D.Jaswanth & D.Chiranjeevi	Gujarat	2019	Issue3	426		
	'An Exclusive Case in	Research	2017	100000	120	UGC CARE	
	Assignment Problem With					List	
	Fibonacci Numbers'	Society					
81	Dr.K.V.L.N.Acharyulu, Dr.	South East	April,	Vol.16	97-		
	N.Phani Kumar, G.Srikanth &	Asian J. of	2020	No.1	104		
	O.Naga raju,	Mathematics				C.	
	'Special Ammensal Model with	and				Scopus	
	Monad Coefficient - A Logical	Mathematical					
	Study'	Sciences					
82	Dr.K.V.L.N.Acharyulu, Dr.	South East	April,	Vol.16	143-		
	N.Phani Kumar, D.Chiranjeevi	Asian J. of	2020	No.1	150		
	& D.Jaswanth,	Mathematics	_0_0		100	Soonuc	
	'Strong Commensalism with	and				Scopus	
	Monad Model - A Scientific	Mathematical					
	Study',South East Asian J. of	manenatical					

	Mathematics and Mathematical	Sciences				
	Sciences'	belefices				
83	K.V.L.N.Acharyulu,	International	2020	Vol.29	1511	
	K.Nagamani, S.V.Vasavi,	Journal of		No.3	7 -	
	I.Rajeswari4 & S.Maduri,	Advanced		11010	1512	Scopus
	'A Series Solution of	Science and			9	Scopus
	Ecological Ammensalism With					
	Four Species at Three Levels'	Technology				
84	K.V.L.N.Acharyulu1,	International	2020	Vol.29	1509	
	S.V.Vasavi, S.Maduri,	Journal of		No.3	6-	
	K.Nagamani & I.Rajeswari,	Advanced			1510	Scopus
	'A Conventional Series	Science and			7	~~~~F ~~
	Solution of Epidemic Models	Technology				
	(Type-I & II)'					
85	K.V.L.N.Acharyulu,	International	2020	Vol.29	1510	
	K.Nagamani, I.Rajeswari,	Journal of		No.3	8-	
	S.V.Vasavi & S.Maduri,	Advanced			1511	Scopus
	'A Traditional Series Solution	Science and			6	
	of Epidemic Model (Type-III)'	Technology				
86	Phani Kumar N., Siva Reddy	Annals of the	2020	Vol.24	5262	
	K., M. A. Srinivas, K. V. L. N.	Romanian		Issue2	_	
	Acharyulu,	Society for		100000	5273	
	'A Mathematical Analysis of	Cell Biology			5215	Scopus
	the SIR model with Holling	Cell Diology				
	type II Functional Occurrence					
	Rate and Treatment Rate'					
87	Dr.K.V.L.N.Acharyulu,I.Rajes	Shodh Sarita	January	Vol. 4,	112-	
	wari,K.Nagamani,S.V.Vasavi		to	Issue	117	
	& S.Madhuri,		March	29		UGC CARE
	'A Detailed Study on A		2021			List
	Mathematical Model of Three					
88	Species Ecosystem' Dr.K.V.L.N.Acharyulu,	Shodh Sarita	Ionuoru	Vol. 4,	140-	
00	S.V.Vasavi,S.Madhuri,K.Naga	Shoun Santa	January			
	mani & I.Rajeswari,		to March	Issue	145	
	'A Strange Three Species		2021	29		UGC CARE
	Mathematical Model with		2021			List
	Diverse Natures of					
	Diverse Natures of Ammensalism and					
89	Ammensalism and	Annals of the	2021	Vol.25	1835-	
89	Ammensalism and Commensalism'	Annals of the Romanian	2021	Vol.25 Issue 1	1835- 1844	
89	Ammensalism and Commensalism' K.V.L.N. Acharyulu, G. Basava Kumar, M.N. Srinivas, I. Pothu Raju,	Romanian	2021			Scopus
89	Ammensalism and Commensalism' K.V.L.N. Acharyulu, G. Basava Kumar, M.N. Srinivas, I. Pothu Raju, 'A Complete Study on a	Romanian Society for	2021			Scopus
	Ammensalism and Commensalism' K.V.L.N. Acharyulu, G. Basava Kumar, M.N. Srinivas, I. Pothu Raju, 'A Complete Study on a Substantial Ecological Model'	Romanian Society for Cell Biology		Issue 1	1844	Scopus
89 90	Ammensalism and Commensalism' K.V.L.N. Acharyulu, G. Basava Kumar, M.N. Srinivas, I. Pothu Raju, 'A Complete Study on a Substantial Ecological Model' K.V.L.N. Acharyulu, G.	Romanian Society for Cell Biology Annals of the	2021	Issue 1 Vol.25	1844 1845-	Scopus
	Ammensalism and Commensalism' K.V.L.N. Acharyulu, G. Basava Kumar, M.N. Srinivas, I. Pothu Raju, 'A Complete Study on a Substantial Ecological Model' K.V.L.N. Acharyulu, G. Basava Kumar, I. Pothuraju,	Romanian Society for Cell Biology		Issue 1	1844	
	Ammensalism and Commensalism' K.V.L.N. Acharyulu, G. Basava Kumar, M.N. Srinivas, I. Pothu Raju, 'A Complete Study on a Substantial Ecological Model' K.V.L.N. Acharyulu, G. Basava Kumar, I. Pothuraju, S.V. Vasavi, 'Impact of	Romanian Society for Cell Biology Annals of the		Issue 1 Vol.25	1844 1845-	Scopus
	Ammensalism and Commensalism' K.V.L.N. Acharyulu, G. Basava Kumar, M.N. Srinivas, I. Pothu Raju, 'A Complete Study on a Substantial Ecological Model' K.V.L.N. Acharyulu, G. Basava Kumar, I. Pothuraju, S.V. Vasavi, 'Impact of Diffusion on a Special	Romanian Society for Cell Biology Annals of the Romanian		Issue 1 Vol.25	1844 1845-	
90	Ammensalism and Commensalism' K.V.L.N. Acharyulu, G. Basava Kumar, M.N. Srinivas, I. Pothu Raju, 'A Complete Study on a Substantial Ecological Model' K.V.L.N. Acharyulu, G. Basava Kumar, I. Pothuraju, S.V. Vasavi, 'Impact of Diffusion on a Special Ecosystem'	Romanian Society for Cell Biology Annals of the Romanian Society for Cell Biology	2021	Issue 1 Vol.25 Issue 1	1844 1845- 1852	
	Ammensalism and Commensalism' K.V.L.N. Acharyulu, G. Basava Kumar, M.N. Srinivas, I. Pothu Raju, 'A Complete Study on a Substantial Ecological Model' K.V.L.N. Acharyulu, G. Basava Kumar, I. Pothuraju, S.V. Vasavi, 'Impact of Diffusion on a Special	Romanian Society for Cell Biology Annals of the Romanian Society for		Issue 1 Vol.25	1844 1845-	

	Rajeswari,	Society for			1860	
	Influence of Noise Effect of	on a Cell Biology				
1	Peculiar Ecostystem'	Books Authored	• 5			
S. No.	Title of th			Publi	sher	Year
1	Some Aspects of Game			1 401		- I cui
-	Progressions (AP & GP)		Inter	national Res	search	2010
	ISBN 978-93-87388-30-		Publi	cation Hou	se, Delhi	2019
	Co-author:P.PrasannaAn	janeyulu.				
2	The Influences of Progr	essions(GP & HP) on	Intor	national Res	aarah	
		Special cases in		cation Hou		2019
	Gametheory,ISBN 978-9	3-87388-29-1			,	
3	Co-author:I.PothuRaju.					
3	A Text book of Ecologic		Rese	arch India F	ublications	2014
	ISBN 978-93-84144-15-9	9	10000			
4	An Address to Ammensa	lism	Intor	national Da	aarab	
	ISBN 978-81-89476-11-4	4	International Research Publication House		2013	
	Co-author: P.RamaMooh					
5	A Scientific Computation		Research India Publications			
	Theory and Huge Networ					2013
	Co-author: Maddi N. Mu	rali Krishna				
		Book Chapters Publis	shed: 1	0		
S.No.	Title of the Chapter	Book title		Pu	blisher	year
	Chapter (9), Ecological					
	Chapter (8): Ecological	'Engineering &		Internation	nal Pasaaro	h
	Ammensalism,	Technology, Recent	arch'		nal Researc n House.	h 2016
1	Ammensalism, Author:			Internation Publicatio Delhi		
1	Ammensalism,	Technology, Recent Innovations and Rese	on)	Publicatio		
1	Ammensalism, Author: Dr.K.V.L.N.Acharyulu Pages 141-156	Technology, Recent Innovations and Rese (an international editi	on)	Publicatio		
1	Ammensalism, Author: Dr.K.V.L.N.Acharyulu Pages 141-156 Chapter (9): Threshold	Technology, Recent Innovations and Rese (an international editi ISBN: 978-93-86138 'Engineering &	on)	Publicatio Delhi		2016
	Ammensalism, Author: Dr.K.V.L.N.Acharyulu Pages 141-156	Technology, Recent Innovations and Rese (an international editi ISBN: 978-93-86138 'Engineering & Technology, Recent	on) -06-4	Publicatio Delhi Internation Publicatio	n House, nal Researc	2016
1	Ammensalism, Author: Dr.K.V.L.N.Acharyulu Pages 141-156 Chapter (9): Threshold Diagrams of Ecological Ammensalism, Author:	Technology, Recent Innovations and Rese (an international editi ISBN: 978-93-86138 'Engineering & Technology, Recent Innovations and Rese	on) -06-4 arch'	Publicatio Delhi Internation	n House, nal Researc	2016 h
	Ammensalism, Author: Dr.K.V.L.N.Acharyulu Pages 141-156 Chapter (9): Threshold Diagrams of Ecological Ammensalism, Author: Dr.K.V.L.N.Acharyulu	Technology, Recent Innovations and Rese (an international editi ISBN: 978-93-86138 'Engineering & Technology, Recent	on) -06-4 arch' on)	Publicatio Delhi Internation Publicatio	n House, nal Researc	2016 h
	Ammensalism, Author: Dr.K.V.L.N.Acharyulu Pages 141-156 Chapter (9): Threshold Diagrams of Ecological Ammensalism, Author: Dr.K.V.L.N.Acharyulu Pages 157-170	Technology, Recent Innovations and Rese (an international editi ISBN: 978-93-86138 'Engineering & Technology, Recent Innovations and Rese (an international editi	on) -06-4 arch' on)	Publicatio Delhi Internation Publicatio	n House, nal Researc	2016 h
	Ammensalism, Author: Dr.K.V.L.N.Acharyulu Pages 141-156 Chapter (9): Threshold Diagrams of Ecological Ammensalism, Author: Dr.K.V.L.N.Acharyulu	Technology, Recent Innovations and Rese (an international editi ISBN: 978-93-86138 'Engineering & Technology, Recent Innovations and Rese (an international editi	on) -06-4 arch' on)	Publicatio Delhi Internation Publicatio	n House, nal Researc	2016 h
	Ammensalism, Author: Dr.K.V.L.N.Acharyulu Pages 141-156 Chapter (9): Threshold Diagrams of Ecological Ammensalism, Author: Dr.K.V.L.N.Acharyulu Pages 157-170 Chapter-23:A Host – Mortal Commensal Ecosystem with Limited	Technology, Recent Innovations and Rese (an international editi ISBN: 978-93-86138 'Engineering & Technology, Recent Innovations and Rese (an international editi	on) -06-4 arch' on)	Publicatio Delhi Internation Publicatio Delhi	n House, nal Researc n House,	2016 h
	Ammensalism, Author: Dr.K.V.L.N.Acharyulu Pages 141-156 Chapter (9): Threshold Diagrams of Ecological Ammensalism, Author: Dr.K.V.L.N.Acharyulu Pages 157-170 Chapter-23:A Host – Mortal Commensal Ecosystem with Limited Resources-Threshold	Technology, Recent Innovations and Rese (an international editi ISBN: 978-93-86138 'Engineering & Technology, Recent Innovations and Rese (an international editi	on) -06-4 arch' on) -06-4	Publicatio Delhi Internation Publicatio Delhi Research I	n House, nal Researc n House,	2016 h 2016
	Ammensalism, Author: Dr.K.V.L.N.Acharyulu Pages 141-156 Chapter (9): Threshold Diagrams of Ecological Ammensalism, Author: Dr.K.V.L.N.Acharyulu Pages 157-170 Chapter-23:A Host – Mortal Commensal Ecosystem with Limited Resources-Threshold Results,	Technology, Recent Innovations and Rese (an international editi ISBN: 978-93-86138 'Engineering & Technology, Recent Innovations and Rese (an international editi ISBN: 978-93-86138 'Advanced Mathemat (Theory & Applicatio	on) -06-4 arch' on) -06-4 ics' ons)	Publicatio Delhi Internation Publicatio Delhi Research I Publicatio	n House, nal Researc n House,	2016 h
2	Ammensalism, Author: Dr.K.V.L.N.Acharyulu Pages 141-156 Chapter (9): Threshold Diagrams of Ecological Ammensalism, Author: Dr.K.V.L.N.Acharyulu Pages 157-170 Chapter-23:A Host – Mortal Commensal Ecosystem with Limited Resources-Threshold	Technology, Recent Innovations and Rese (an international editi ISBN: 978-93-86138 'Engineering & Technology, Recent Innovations and Rese (an international editi ISBN: 978-93-86138 'Advanced Mathemat	on) -06-4 arch' on) -06-4 ics' ons)	Publicatio Delhi Internation Publicatio Delhi Research I	n House, nal Researc n House,	2016 h 2016
2	Ammensalism, Author: Dr.K.V.L.N.Acharyulu Pages 141-156 Chapter (9): Threshold Diagrams of Ecological Ammensalism, Author: Dr.K.V.L.N.Acharyulu Pages 157-170 Chapter-23:A Host – Mortal Commensal Ecosystem with Limited Resources-Threshold Results, Authors: Dr.K.V.L.N.Acharyulu, Prof.N.SeshagiriRao&K.	Technology, Recent Innovations and Rese (an international editi ISBN: 978-93-86138 'Engineering & Technology, Recent Innovations and Rese (an international editi ISBN: 978-93-86138 'Advanced Mathemat (Theory & Applicatio	on) -06-4 arch' on) -06-4 ics' ons)	Publicatio Delhi Internation Publicatio Delhi Research I Publicatio	n House, nal Researc n House,	2016 h 2016
2	Ammensalism, Author: Dr.K.V.L.N.Acharyulu Pages 141-156 Chapter (9): Threshold Diagrams of Ecological Ammensalism, Author: Dr.K.V.L.N.Acharyulu Pages 157-170 Chapter-23:A Host – Mortal Commensal Ecosystem with Limited Resources-Threshold Results, Authors: Dr.K.V.L.N.Acharyulu, Prof.N.SeshagiriRao&K. Kalyani	Technology, Recent Innovations and Rese (an international editi ISBN: 978-93-86138 'Engineering & Technology, Recent Innovations and Rese (an international editi ISBN: 978-93-86138 'Advanced Mathemat (Theory & Applicatio	on) -06-4 arch' on) -06-4 ics' ons)	Publicatio Delhi Internation Publicatio Delhi Research I Publicatio	n House, nal Researc n House,	2016 h 2016
2	Ammensalism, Author: Dr.K.V.L.N.Acharyulu Pages 141-156 Chapter (9): Threshold Diagrams of Ecological Ammensalism, Author: Dr.K.V.L.N.Acharyulu Pages 157-170 Chapter-23:A Host – Mortal Commensal Ecosystem with Limited Resources-Threshold Results, Authors: Dr.K.V.L.N.Acharyulu, Prof.N.SeshagiriRao&K. Kalyani Pages 273-280	Technology, Recent Innovations and Rese (an international editi ISBN: 978-93-86138 'Engineering & Technology, Recent Innovations and Rese (an international editi ISBN: 978-93-86138 'Advanced Mathemat (Theory & Applicatio ISBN 978-93-84443-	on) -06-4 arch' on) -06-4 ics' ons) 20-7	Publicatio Delhi Internation Publicatio Delhi Research I Publicatio Delhi	n House, nal Researc n House,	2016 h 2016
2	Ammensalism, Author: Dr.K.V.L.N.Acharyulu Pages 141-156 Chapter (9): Threshold Diagrams of Ecological Ammensalism, Author: Dr.K.V.L.N.Acharyulu Pages 157-170 Chapter-23:A Host – Mortal Commensal Ecosystem with Limited Resources-Threshold Results, Authors: Dr.K.V.L.N.Acharyulu, Prof.N.SeshagiriRao&K. Kalyani	Technology, Recent Innovations and Rese (an international editi ISBN: 978-93-86138 'Engineering & Technology, Recent Innovations and Rese (an international editi ISBN: 978-93-86138 'Advanced Mathemat (Theory & Applicatio	on) -06-4 arch' on) -06-4 ics' ns) 20-7	Publicatio Delhi Internation Publicatio Delhi Research I Publicatio	n House, nal Researc n House, India ns,	2016 h 2016

	Authors: Prof.N.SeshagiriRao,K. Kalyani&Dr.K.V.L.N.A charyulu Pages 281-286			
5	Chapter (15): Computational Study on a Network with the Impact of G.P on Optimistic time estimate in PERT, Author: Dr.K.V.L.N.Acharyulu Pages 281-294	'Industrial Engineering & Management Practices' (An International Edition) ISBN:978-93-84443-56-6	International Research Publication House, Delhi	2017
6	Chapter (16): Scientific Study on a Special Network with the influence of G.P on Most Likely time estimate in PERT, Author: Dr.K.V.L.N.Acharyulu Pages 295-308	'Industrial Engineering & Management Practices' (An International Edition) ISBN:978-93-84443-56-6	International Research Publication House, Delhi	2017
7	Chapter(13): The Influence of Mortality Rate for Prey on A Three Species Ecological Ammensalism, Author: Dr.K.V.L.N.Acharyulu Pages: 209-225	Renewable Energy Sources & Environment Protection' (An International Edition), ISBN 978-93-87388-19-2	International Research Publication House, Delhi	2018
8	Chapter(14): Global Stability Analysis On A Two Species Monad Ecological Ammensalism, Author: Dr.K.V.L.N.Acharyulu Pages: 227-238	Renewable Energy Sources & Environment Protection' (An International Edition), ISBN 978-93-87388-19-2	International Research Publication House, Delhi	2018
9	Chapter(5) : A Series Solution for A Mathematical Model of Ecological Ammensalism by Homotophy Perturbation Method, Author: Dr.K.V.L.N.Acharyulu Pages 47-60	Introduction To Computational And Applied Mathematics, ISBN 978-93-87374-35-5	Research India Publications, Delhi	2018
10	Chapter(6) : Generalised Relation among Upper Bounds in	Introduction To Computational And Applied Mathematics,	Research India Publications, Delhi	2018

a Special Case by Taylor's Series, Author: Dr.K.V.L.N.Acharyulu	ISBN 978-93-87374-35-5	
Pages 61-71		

Details of Conferences/FDPs/STTPs/webinars/Workshops Presented/Participated: Total:100 (only 35 Selected)

S.No.	Name of the event	Organized by	Dates
1	National Conference on Julia Sets conducted under the special Assistance program of UGC	Dept. of Mathematics, University of Hyderabad.	2002
2	Off-campus workshop on Coding Theory	Nagarjuna University at Sarada Degree College, Vijayawada	2003
3	Short term training program on theory of computer science for P.G. Teachers of affiliated colleges of Achraya Nagarjuna University"	Department of Mathematics & Department of Computer science and Engineering in collaboration with Dept. of Mathematics, AcharyaNagarjuna University at Bapatla Engineering College, Bapatla.	22-11- 2004 to 27-11-2004
4	International Conference on Number Theory	RKM Vivekananda College, Chennai, sponsored by NBHM	2006
5	National Conference on Mathematical Solutions Using Soft Computing Problems in Science and Technology	Andhra Pradesh society for Mathematical Sciences at Visakhapatnam.	11-12-2023 to 13-12-2023
6	National Conference on Mathematical Modeling& Simulation	Andhra Pradesh society for Mathematical Sciences, Khammam	09-12-2011 to 12-12-2011
7	National workshop on Mathematical Modeling in Life and Social Sciences	Sumanth Reddy Institute of Technology for Woman in collabaration with Andhra Pradesh Society for Mathematical Sciences & Gwalior Academy of Mathematical Sciences at Warangal	11-06-2012 to 16-6-2012
8	National Conference on Applications of Mathematics in Engineering,Physical and Life Sciences.	Andhra Pradesh society for Mathematical Sciences at Sri Venkateswara University, Tirupathi	07-12-2012 to 09-12-2012
9	National Seminar on Economic Growth & National Integration	IIFS at New Delhi	09-02-2013
10	XXII Congress and National Conference on Recent Trends in Applications of Mathematics (Sponsored by CSIR, Govt. of India & APCOST, Govt. of A.P)	Andhra Pradesh society for Mathematical Sciences at Anurag Group of Institutions, Ghatkesar	13-12-2013 to 15-12-2013
	· · · · · · · · · · · · · · · · · · ·		

	National Common or the D-1	Levels College (Autor)	20.09.2014
	National Seminar on the Role	Loyola College (Autonomous) in	20-08-2014
	of Mathematics and	the Collaboration with Dept. of	to
	Information Sciences in Design	Computer Science, Krishna	21-08-2014
	of Sophisticated Systems	University, Vijayawada	
12	XXIII of APSMS and National	Organized by Dept. of Science &	12 00 2014
	conference on Mathematics	Humanities, Vignan's University,	12-08-2014
		Guntur, December 12th-14th,	to
		2014.	14-08-2014
13	Presented a paper 'Diversities		
	of Commensal & Ammensal		
	Mathematical Models With		
	Limited Resources In		
	Commensal /Ammensal		
	Washed out State'and	AR Research Publication,	
	published in Proceeding of	YMCA,New Delhi.	01-02-2015
	International Conference on		
	Science, Technology and		
	Management,ICSTM-2015		
14	Presented a paper'Ammensal		
	Mathematical Model with		
	Time Delay in Co-Existent		
	equilibrium State' and		
	published in Proceeding of	Academic Science at Jawaharlal	
	International Conference on		01-03-2015
	Recent Trends in Engineering	Nehru University, JNU convention Center, New Delhi	01-03-2013
	Science and	Center, New Denn	
	Management, ICETESMA-		
	15, Pearson Publications, ISBN		
	978-93-325-4896-1, pp.536-		
	539,2015		
15	Presented a paper 'Ammensal		
	Mathematical Model with		
	Time Delay-Case(I) Study' and		
	published in Proceeding of		
	International Conference on	Academic Science at Jawaharlal	
	Recent Trends in Engineering	Nehru University, JNU convention	01-03-2015
	Science and	Center, New Delhi	
	Management, ICETESMA-		
	15,Pearson Publications, ISBN		
	978-93-325-4896-1, pp.531-		
	535,2015		
16	Presented a paper		
	'Uniqueness Of Ammensal&		
	Commensal Mathematical		
	Models With Limited		
	Resources In Fully Washed-	AR Research Publication,	
	Out State' and published in	YMCA,New Delhi, India	
	Proceeding of International		
	Conference on Science,		01-02-2015
	Technology and		
	Management,ICSTM-2015		0.10.2015
17	Presented a paper	The Institutions of Electronic and	9-10-2016

	'Global Stability of Strong Monad Ammensalism - Lyapunov's Technique' and published in Proceeding of 6th International Conference on Innovative Research in Engineering Science and Management,ICIRESM-16, Academic Science, ISBN: 978- 81-932712-8-5, pp.224-230,2016	Telecommunication Engineers (IETE), Lodhi Road, New Delhi, Delhi, India	
18	Presented a paper 'Migrated Ammensalism with the Case of Mortality' and published in Proceeding of 6th International Conference on Innovative Research in Engineering Science and Management,ICIRESM-16, Academic Science, ISBN: 978- 81-932712-8-5, pp. 216-223,2016	The Institutions of Electronic and Telecommunication Engineers (IETE), Lodhi Road, New Delhi, Delhi, India	9-10-2016
19	Presented a paper 'Migrated Ammensalism With Mortality For Both The Species-A Case Study' published inthe Proceeding of International Conference on Latest Innovations in Science, Engineering and Management,ICLISEM-16, AR Research Publication, ISBN: 978-93-86171-08-5, pp. 182-189,2016	Indian Federation of United Nations Associations, New Delhi, India	01-10-2016
20	Presented a paper 'Phase Plane Analysis On Ammensalism With Mortal Enemy Species' published in the Proceedings of International Conference on Recent Trends in Engineering & Science,ICRTES-16,AR Research Publication, ISBN:978-93-86171-06-1, pp. 542-548,2016	Shree Ramchandra College of Engineering, Pune	29-09-2016 to 30-09-2016

21	Presented a paper 'Ammensalism With Mortal Enemy Species-A Series Solution' published in the Proceedings of International Conference on Recent Trends in Engineering & Science,ICRTES-16,AR Research Publication, ISBN:978-93-86171-06-1, pp. 494-501,2016	Shree Ramchandra College of Engineering, Pune	29-09-2016 to 30-09-2016	
22	Presented a paper 'Phase Plane Analysis on Ammensal Model with Limited Resources' published in the Proceedings of 3rd International Conference on Recent Innovation in Science, Technology and Management,ICRISTM-16, Academic Science, ISBN: 978-81-932712-7-8, pp. 55-61,2016	Indian Federation of United Nations Associations (IFUNA),Qutab Institutional Area, Delhi,India	18-09-2016	
23	Presented a paper 'A Special Case Of Ecological Commensalism- Phase Plane Analysis' published in the Proceedings of 7th International Conference on Recent Innovations in Science, Engineering and Management (RISEM-16),AR Research Publication, ISBN: 978-93- 86171-07-8, pp. 406-411,2016	The Institution of Engineers, New Delhi,India	16-09-2016	
24	Presented a paper 'Prime Problem in Game Theory - Brown's Algorithm' published in the Proceedingsof 11th International Conference on Recent Trends in Engineering, Science and Management, ICRTESM-17, ISBN:978-93-86171-72-6, pp. 207-213,2017	The Institution of Electronics and Telecommunication Engineers, Osmania University Campus, Hyderabad	22-10-2017	
25	Presented a paper 'A case Study on the influence of Optimistic time estimate on a network with Arithmetic Progression' in the Proceedings of 11th International Conference on	The Institution of Electronics and Telecommunication Engineers, Osmania University Campus, Hyderabad	22-10-2017	

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	Recent Trends in Engineering, Science and		
	Management,ICRTESM-17,		
	ISBN:978-93-86171-72-6, pp. 199-206,2017.		
26	Five Day Faculty Development	Dept. of CSE &I.T,Bapatla	23-10-2017
	Program 'A Workshop on	Engineering Collge with the	to
	Essentials of Latex'.	collaboration with Computer	25-10-2017
		society of India at Bapatl	&
		Engineering College, Bapatla	30-10-2017
			to 31-10-2017
27	Presented a paper 'Pessimistic		
	Time Estimate with Arithmetic		
	Progression' in the		
	Proceedings of 12th	The Institution of Electronics and	
	International Conference on Recent Trends in Engineering,	Telecommunication Engineers, Osmania University Campus,	
	Science and Management	Hyderabad, India	
	(ICRTESM-17), ISBN 978-		19-11-2017
	93-86171-79-5,pp. 519-		
	525,2017.		
28	Presented a paper		
	'A Problem in Game Theory		
	with Fibonacci Numbers' in	The Institution of Distance is and	
	the Proceedings of 12th International Conference on	The Institution of Electronics and Telecommunication Engineers,	
	Recent Trends in Engineering,	Osmania University Campus,	
	Science and Management	Hyderabad, India	
	(ICRTESM-17),		19-11-2017
	ISBN 978-93-86171-79-5,		
	pp.512-518,2017.		
29	Three Days Faculty National		7 10 0017
	Level Faculty Development	Dept. of Electrical and Electronics	7-12-2017
	Program: 'Application of Matlab/Simulink to Electrical	Engineering, Bapatla Engineering Collge, Bapatla	to 9-12-2017
	System'	Conge, Dapatia	J-12-2017
30	An invited talk on 'Various	International Association of	
	Interactions in Mathematical	Research and Developed	
	Ecology' Virtual International	Organization (IARDO) and	
	Award Conference on Multi-	Dolphin (PG) College of Science	28-11-2020
	Disciplinary Research and Innovation.	& Agriculture ChunniKalan,	
		Punjab, India	
31	An invited talk as a key note		
	speaker on 'Fundamentals of		
	Mathematical Modeling in	Kasetsart University, Chatuchak,	7-12-2020
	Ecology' in Second	Bangkok,	, 12 2020
	International Multidisciplinary	Thailand	
	Conference on Latest Research Trends.		
32	Presented a paper	Green ThinkerZ in association	25-12-2020

	components' in the	Australia and Wakelet -	
	Proceedings of 5th	Manchester UK .	
	International Conference on		
	Interdisciplinary Research for		
	Sustainable Development		
	2020 (Virtual IRSD 2020)		
33	Presented a paper		
	'A Mathematical Analysis of		
	the SIR model with Holling		
	type II Functional Occurrence		
	Rate and Treatment Rate' in		
	International Conference on	Cheran College of Engineering,	26-2-2021
		K.Paramathi, Karur, Tamilnadu	20-2-2021
	Recent Intelligent		
	Technologies in Science,		
	Engineering, Humanities and		
	Management (ICRITSEHM		
	2021).		
34	Presented a paper		
	'A Peculiar Harvested		
	Commensal-Host		00.07.0001
	Mathematical Model -Global	Department of Mathematics,	08-07-2021
	Stability Analysis', in	Thiruvalluvar University, Vellore,	to
	International Virtual	Tamil Nadu, India	09-07-2021
	Conference on Mathematical		
	Modelling, Analysis and		
	Computing (MMAC-2021)		
35	Presented a paper		
55	'Dynamics of Optimal		
	Harvesting in an Ammensal-		08-07-2021
	Enemy Interaction' in	Department of Mathematics,	
	International Virtual	Thiruvalluvar University, Vellore,	to 09-07-2021
		Tamil Nadu, India	09-07-2021
	Conference on Mathematical		
	Modelling, Analysis and		
	Computing (MMAC-2021).		

Awards/recognitions/achievements

S.No.	Name of the Award	Awarding body/Society/Organization	Year
1	Adjudged as one of "the 2000 outstanding intellectuals of 21 century"	International Biographical Centre, Cambridge, England.	2010
2	Founding member of "International Center for Scientific Research and Studies"	King Faisal University, Saudi Arabia.	2010
3	Selected as one of the "Top 100 Educators in 2011"	International Biographical Centre, Cambridge, England.	2011
4	Name included in Maquis'Who is Who in the World', 30 th Edition	Maquis,USA	

	Awarded "Young Scientist	Khajure Research Foundation and	
5	Award"on13-10-2012	Development Society,Humnabad,Karnataka	2012
6	Received "Global Indian Achiever's Award" on 4-12- 2012	Economic Development Forum, New Delhi	2012
7	Honoured with 'Bharat Jyoti Award'on 09-02-2013	Presented by IIFS-Dr.BhishmaNarain Sing, Fr. Governor of Tamilnadu&Sri.G.V.G.Krishna Murthy, Ex. Chief Election Commissioner of India	2013
8	Honoured with "Best Citizen of India-2013"	International Publishing House, New Delhi,India.	2013
9	Created world record "Member of Most Editorial Teams" (2014PP296)	Unique World Records	2014
10	Created world record"Most International Research Publications from Ph.D.Thesis" (2014MM319) (2014MM319)	Unique World Records	2014
11	Created world record"Most Research Publications in a Minimum Period" (2014MM320)	Unique World Records	2014
12	Included name in 'Book of State Records, 2014',	Book of State Records, A.P	2014
13	Received 'Bharat Ratna Mother Teresa Gold Medal' in the 25th International Unity Conference on 8-03-2015	Conducted by Global Economic Progress and Research Association & Presented by Prof.Dr.H.Sivanna, Vice Chancellor, University of Agricultural and Sciences, Bangalore.	2015
14	Included name second time in 'Book of State Records'	Book of State Records, A.P	2015
15	Received 'Dr.AbdulKalam Gold Medal Award' in the 29 th National Seminar on Individual Achievements and National development on 15-10-2015	Conducted by Global Economic Progress and Research Association,Presented by Hon'ble Justice: Sri.S. Mohan, Supreme Court of India& Fr. Governor of Karnataka.	2015
16	Honoured with 'Best Editor-in- Chief Award', 2015"	Academicians' Research Center (arc), Hyderabad.	2015
17	Received 'Mahatama Gandhi Gold Medal Award' in the 38 th National Conference on Individual Achievements and National development on 15- 10-2016 at Bangalore	Conducted by Global Economic Progress and Research Association, Presented by Hon'ble Justice: PadmanabhaKedilaya&Hon'bleM.V.Rajas ekaran, Fr. Union Minister of India.	2016
18	Received 'Editorial Excellence	International Institute of Organized	2017

	Award-2017'	Research (I2OR), India& Australia.	
19	Received 'Outstanding Research Award-2017'	International Institute of Organized Research (I2OR),India& Australia.	2017
20	Received 'Research Excellent Award-2018'on 10-2-2019	Institute of Scholars (INSC), Bangalore, India	2019
21	Honoured with 'Outstanding Educator Award-2018' on 5-4- 2019	Green ThinkerZ Society, Punjab, India	2018
22	Received 'Department Best Teacher Award'(2018- 2019)on14-9-2020	Bapatla Engineering College, Bapatla	2019
23	Honouredwith 'Best Researcher Award-2019'onon 28-9-2019.	by Indian Academicians and Researchers Association, India	2019
24	Received 'Active Young Researcher Award' on 20-10- 2019	International Research Publications, India	2019
25	Received 'Preeminent Researcher Award -2020'on25- 12-2020	IRSD2020 association with Centre for smart modern construction, Western Sydney University, Australia; Wakelet- UK, International institute of organised research, India.	2020

Student Project/Research Guidance

S.No	Level	Total number
1	PG	Completed: 1
2	M.Phil	Completed: 3

Administrative Experience		
S.No.	Role	Duration (From – to)
1	HOD of Maths	From 1-8-2023 to till Date
2	Staff organizer of the events in Srinivasa Ramanujan Birth day celebrations2001-till the date	
3	Staff organizer of the events in Dept. of Mathematics	2001-till the date
4	Staff organizer of College Cultural Events	2001-2019
5	I M.Sc Coordinator	2002-2018
6	¹ / ₄ B.Tech Coordinator	2004-2019
7	M1 or M2 Coordinator	2004-2009
8	Mentor of Centre For Creative Arts (CCA).	2008-2020
9	Research Coordinator	2009-2019
10	Engg.Maths-IV Coordinator 2010-2018	

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11	Member of Mal Practice	2013-2019
	Committee	
	Staff coordinator of conducting	2014-2018
12	Special Training Classes for	
	Junior Staff Members in M-IV	
12	Staff Coordinator of Student	2016-2018
13	Activities Committee	
14	MOOCs Coordinator	2017-2020
15	Staff Coordinator for Criteria-	2017-2020
15	III in Dept. of Maths(NAAC).	
16	II M.Sc Coordinator	2018-2020
17	CV&SF Coordinator	2018-till date
18	Member Teaching and	2018-2019
10	Learning Activities	
10	Staff Coordinator of Cultural	2018-2019
19	Activities in BECTAGON.	
20	Convener of Literary Events,	2019-2020
20	BECTAGON	
21	Staff Coordinator for Criteria	
	III in Dept. of Maths (NAAC).	2022-2023
22	Press Coordinator for	2022-2023
	BECTAGON	

Research Credentials

Index/database	ID/Link
Google Scholar	https://scholar.google.com/citations?user=KuEcN4cAAAAJ&hl=e
	<u>n</u>
SCOPUS	https://www.scopus.com/authid/detail.uri?authorId=442600914
	<u>4</u>
Web of Science	-
Vidwan ID	Vidwan Score: 9.5/10
	https://vidwan.inflibnet.ac.in/profile/322267

Any other relevant information

Founding Member/Life time member/ Member of various professional bodies:

- * International Center for Scientific Research and Studies(Founding Member: 2010-2012)
- * Indian Mathematical Society
- * Ramanujan Mathematical Society
- * AP Society for Mathematical Sciences
- * Rajasthan GanitaParishad
- * The Association of Mathematics Teachers of India
- * International association of Engineers
- * International Electronic Engineering Mathematical. Society
- * International Journals of Multidisciplinary Research Academy
- * International Mathematical Union

- * International Association of Computer Science and Information Technology
- * Engineering and Scientific Research Groups
- * World Academy of Science, Engineering and Technology
- * Seventh Sense Research Group Journals
- * Indian Society of Mathematics and Mathematical Sciences
- * International Academy of Science, Engineering and Technology
- * Academy of Science and Engineering
- * Institute of Advanced Engineering and Science
- * American Academic & Scholarly Research Center
- * Canadian Center of Science and Education

Dr.K.V.L.N.Acharyulu 16-9-2023