FACULTY PROFILE

Name of the Faculty:	**Dr.K.V.L.N.ACHARYULU**	
Designation:	**Associate Professor & Head** **Dept. of Mathematics** **Bapatla Engineering college** **Bapatla-522102,A.P** **Email: dr.kvlna@gmail.com**	
Department:	**Mathematics**	
Dateof Birth:	**12-08-1976**	
AICTE– ID:	**1-428150171**	

Education	• **B.SC in M.P.C from Acharya Nagarjuna University in 1997**
	• **M.SC in A.O Mathematics from Acharya Nagarjuna University in 1999**
	• **M.Phil in Mathematics (first rank) from Madrs University in 2001**
	• **PhD in Mathematics from Acharya Nagarjuna University in 2011**
	  Under the guidance Prof.N.Ch.Pattabhi Ramacharyulu,
	  Retd. Professor NIT, Warangal	

Experience	**Teaching:22Years**	Industry:-Years	**Total: 22 Years**
	Research:21Years	Others:-Years	

Research Specialization	**Mathematical Modeling, Population Dynamics, Differential Equations, Numerical Methods, Mathematical Ecology, Mathematical Biology, Bio-Science, Real Analysis, Epidemiology and Operations Research etc.**
	Research contribution to various Countries: America, Canada, Britain, China, Singapore, Indonesia, Malaysia, Egypt, Saudi Arabia, Pakistan, South Africa, Dubai, Jordan, Thailand, Ethiopia etc.(As a member of Editorial Board / Review Board).
	Research Achievements: ❖ **Number of International Research Publications – More than 150** ❖ **Member of International Editorial/ Reviewer Boards(till 2019)-More than 100** ❖ **Editor-in-Chief for two international journals (2013-2018)** ❖ **Associate Editor for two international journals** ❖ **Member of Advisory/Professional Bodies- More than 25** ❖ **Books Authored -5** ❖ **Chapters Written - 10** ❖ **Books Edited – More than 100** ❖ **Created Three Unique World Records in Mathematical Research.** ❖ **No of International Conferences/ Workshops/FDPs(Attended/Presented):100** ❖ **Reviewed hundreds of research articles of various countries throughout the world** ❖ **Program Committee Member of many International Conferences.** ❖ **Honoured with many 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. **Discrete Mathematics**

RESEARCH CONTRIBUTIONS:150 Research Papers

Selected Publications (110): 90 Journal Publications & 20 Conference Proceedings

International/national peer reviewed journals

S. No.	Title of paper	Journal	Year	Volume	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	International Journal of Bio-Science	March, 2011	Vol. 3, No.1	39-47	Scopus

	Immigration for Ammensal Species at a Constant Rate'	and Bio-Technology (IJBSBT)					
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 Ammensalism'	International journal of Mathematical Archive	2012	Vol.3, No.6	2273-2282	UGC Approved	
12	K.V.L.N.Acharyulu, N.Rama Gopal ,P.Prasanna Anjaneyulu and P.Rama Mohan ' Ecological Ammensalism with four species at three levels -A numerical approach'	International journal of Mathematical Archive	2012	Vol.3, No.10	13	UGC Approved	
13	K.V.L.N.Acharyulu and N.Ch. Pattabhi Ramacharyulu 'On the Carrying capacity of Enemy Species, Inhibition coefficient of Ammensal	International Journal of Advanced Science and	June, 2012	Vol.43	49-58	UGC Approved	

	Species and Dominance reversal time in An Ecological Ammensalism - A Special case study with Numerical approach'	Technology					
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.Pattabhiramacharyulu '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 Maddi.N.Murali Krishna 'A Scientific Computation On A Peculiar Case of Game Theory in Operations Research'	International Journal of Computer Science Engineering and Information Technology Research,	2013	Vol.3, No.1	175-190	UGC Approved	
19	Venkata Lakshmi Narasimhacharyulu Kanduri,	International Journal of	Oct, 2013	Vol.1, Issue 2	121-133	UGC Approved	

	Maddi.N.Murali Krishna and K.Praveen kumar 'A Computationsl Study Of A Large Network With Arithmetic Progression On Pessimistic Time Estimate'	Scientific and Innovative Mathematical Research (IJSIMR)				
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	Global Journal of	2014	Vol.10 No.6	787-791	Scopus

		Pure and Applied Mathematics				
	'Threshold results for host – Mortal Commensal ecosystem with limited resources'					
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 (IJSIMR)	2014	Vol.2, Issue 12	989-998	UGC Approved
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	International Journal of	2015	Vol. 3, Issue.	45-54	UGC Approved

	'Harvesting of Both Commensal-Host Species Pair at a Constant Rate -A Numerical Approach'	Scientific and Innovative Mathematical Research (IJSIMR)		01		
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 species with harvested Commensal'	ARPN Journal of Engineering and Applied Sciences	2015	Vol.10 No.4	1548-1551	Scopus
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, K.V.L.N.Acharyulu & K.Kalyani ' A Host - Mortal Commensal Ecosystem With Harvesting Of Both The Species - Phase Plane Analysis'	ARPN Journal of Engineering and Applied Sciences	July 2015	Vol. 10, No. 13	5490-5497	Scopus
45	K.V.L.N.Acharyulu, N.Phani Kumar, G.Bhargavi & K.Nagamani ' Ecological Harvested Ammensal Model- A	International Journal of Scientific and Innovative	2015	Vol.3 Issue .12	27-35	UGC Approved

	Homotopy Analysis'	Mathematical Research (IJSIMR)					
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	2016	Vol.5, Issue 8	618-623		UGC Approved

		science and Engineering (IJARSE)				
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 & Engineering (IJARSE)	2016	Vol.5, Issue10	103-110	UGC Approved
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 (IJARSE)	2017	Vol.6, No.10	1198-1205	UGC Approved	
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	2017	Vol.6, No.10	1206-1212	UGC Approved	

		Engineering (IJARSE)					
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, B.Jayasree and Sk .Mubeena, 'A Generalized problem in Linear programming problem'	International Journal of Management, Technology and Engineering	2018	Vol.8, Issue10	1541-1548	UGC Approved	
75	Dr.K.V.L.N.Acharyulu, P.Hema and T.Vimala, 'A Variety Problem in Linear Programming'	International Journal of Management, Technology	2018	Vol.8, Issue10	1549-1556	UGC Approved	

		And Engineering				
76	Dr.K.V.L.N.Acharyulu, O.Nagaraju & G.Srikanth, 'Special Case in Assignment Problem with Ramanujan Primes'	Journal of the Gujarat Research Society	October 2019	Vol.21 Issue3	368-377	*UGC CARE List*
77	Dr.K.V.L.N.Acharyulu,V.Saritha & K.Yamini Devi, 'A Peculiar Case in Assignment Problem With Triangular Numbers'	Journal of the Gujarat Research Society	October 2019	Vol.21 Issue3	378-389	*UGC CARE List*
78	Dr.K.V.L.N.Acharyulu , Ch. Sri Lakshmi & Y.Anusha, 'Generalized Case in Assignment Problem With Lucas Numbers'	Journal of the Gujarat Research Society	October 2019	Vol.21 Issue3	390-400	*UGC CARE List*
79	Dr.K.V.L.N.Acharyulu , H. Mounika & CH. Raja Rajeswari Devi, 'A Variety Case in Assignment Problem With Tribonacci Numbers'	Journal of the Gujarat Research Society	October 2019	Vol.21 Issue3	401-413	*UGC CARE List*
80	Dr.K.V.L.N.Acharyulu, D.Jaswanth & D.Chiranjeevi 'An Exclusive Case in Assignment Problem With Fibonacci Numbers'	Journal of the Gujarat Research Society	October 2019	Vol.21 Issue3	414-426	*UGC CARE List*
81	Dr.K.V.L.N.Acharyulu, Dr. N.Phani Kumar, G.Srikanth & O.Naga raju, 'Special Ammensal Model with Monad Coefficient - A Logical Study'	South East Asian J. of Mathematics and Mathematical Sciences	April, 2020	Vol.16 No.1	97-104	Scopus
82	Dr.K.V.L.N.Acharyulu, Dr. N.Phani Kumar, D.Chiranjeevi & D.Jaswanth, 'Strong Commensalism with Monad Model - A Scientific Study',South East Asian J. of Mathematics and Mathematical Sciences'	South East Asian J. of Mathematics and Mathematical Sciences	April, 2020	Vol.16 No.1	143-150	Scopus
83	K.V.L.N.Acharyulu, K.Nagamani , S.V.Vasavi, I.Rajeswari4 & S.Maduri, 'A Series Solution of Ecological Ammensalism With Four Species at Three Levels'	International Journal of Advanced Science and Technology	2020	Vol.29 No.3	15117 - 15129	Scopus
84	K.V.L.N.Acharyulu1, S.V.Vasavi, S.Maduri, K.Nagamani & I.Rajeswari, 'A Conventional Series	International Journal of Advanced	2020	Vol.29 No.3	15096- 15107	Scopus

		Science and Technology					
	Solution of Epidemic Models (Type-I & II)'						
85	K.V.L.N.Acharyulu, K.Nagamani, I.Rajeswari, S.V.Vasavi & S.Maduri, 'A Traditional Series Solution of Epidemic Model (Type-III)'	International Journal of Advanced Science and Technology	2020	Vol.29 No.3	15108-15116	Scopus	
86	Phani Kumar N., Siva Reddy K., M. A. Srinivas, K. V. L. N. Acharyulu, 'A Mathematical Analysis of the SIR model with Holling type II Functional Occurrence Rate and Treatment Rate'	Annals of the Romanian Society for Cell Biology	2020	Vol.24 Issue2	5262 – 5273	Scopus	
87	Dr.K.V.L.N.Acharyulu,I.Rajeswari,K.Nagamani,S.V.Vasavi & S.Madhuri, 'A Detailed Study on A Mathematical Model of Three Species Ecosystem'	Shodh Sarita	January to March 2021	Vol. 4, Issue 29	112-117	*UGC CARE List*	
88	Dr.K.V.L.N.Acharyulu, S.V.Vasavi,S.Madhuri,K.Nagamani & I.Rajeswari, 'A Strange Three Species Mathematical Model with Diverse Natures of Ammensalism and Commensalism'	Shodh Sarita	January to March 2021	Vol. 4, Issue 29	140-145	*UGC CARE List*	
89	K.V.L.N. Acharyulu, G. Basava Kumar, M.N. Srinivas, I. Pothu Raju, 'A Complete Study on a Substantial Ecological Model'	Annals of the Romanian Society for Cell Biology	2021	Vol.25 Issue 1	1835-1844	Scopus	
90	K.V.L.N. Acharyulu, G. Basava Kumar, I. Pothuraju, S.V. Vasavi, 'Impact of Diffusion on a Special Ecosystem'	Annals of the Romanian Society for Cell Biology	2021	Vol.25 Issue 1	1845-1852	Scopus	
91	K.V.L.N. Acharyulu, G. Basava Kumar, K. Nagamani, I. Rajeswari, 'Influence of Noise Effect on a Peculiar Ecostystem'	Annals of the Romanian Society for Cell Biology	2021	Vol.25 Issue 1	1853 – 1860	Scopus	

Books Authored : 5

S. No.	Title of the book	Publisher	Year
1	Some Aspects of Game Theory & Impacts of Progressions (AP & GP) on PERT ISBN 978-93-87388-30-7 Co-author:P.PrasannaAnjaneyulu.	International Research Publication House, Delhi	2019
2	The Influences of Progressions(GP & HP) on PERT & Some Special cases in	International Research Publication House, Delhi	2019

	Gametheory,ISBN 978-93-87388-29-1 Co-author:I.PothuRaju.			
3	A Text book of Ecological Ammensalism ISBN 978-93-84144-15-9	Research India Publications		2014
4	An Address to Ammensalism ISBN 978-81-89476-11-4 Co-author: P.RamaMoohan.	International Research Publication House		2013
5	A Scientific Computational Study on Game Theory and Huge Networks Co-author: Maddi N. Murali Krishna	Research India Publications		2013

Book Chapters Published: 10

S.No.	Title of the Chapter	Book title	Publisher	year
1	Chapter (8): Ecological Ammensalism, Author: Dr.K.V.L.N.Acharyulu Pages 141-156	'Engineering & Technology, Recent Innovations and Research' (an international edition) ISBN: 978-93-86138-06-4	International Research Publication House, Delhi	2016
2	Chapter (9): Threshold Diagrams of Ecological Ammensalism, Author: Dr.K.V.L.N.Acharyulu Pages 157-170	'Engineering & Technology, Recent Innovations and Research' (an international edition) ISBN: 978-93-86138-06-4	International Research Publication House, Delhi	2016
3	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	'Advanced Mathematics' (Theory & Applications) ISBN 978-93-84443-20-7	Research India Publications, Delhi	2017
4	Chapter-24:A Fixed Point of a Self Mapping in Hilbert Space Authors: Prof.N.SeshagiriRao,K. Kalyani&Dr.K.V.L.N.A charyulu Pages 281-286	'Advanced Mathematics' (Theory & Applications) ISBN 978-93-84443-20-7	Research India Publications, Delhi	2017
5	Chapter (15): Computational Study on a Network with the Impact of G.P on Optimistic time estimate in PERT, Author:	'Industrial Engineering & Management Practices' (An International Edition) ISBN:978-93-84443-56-6	International Research Publication House, Delhi	2017

	Dr.K.V.L.N.Acharyulu Pages 281-294			
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 a Special Case by Taylor's Series, Author: Dr.K.V.L.N.Acharyulu Pages 61-71	Introduction To Computational And Applied Mathematics, ISBN 978-93-87374-35-5	Research India Publications, Delhi	2018

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	Dept. of Mathematics, University of Hyderabad.	2002

	special Assistance program of UGC		
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
11	A two day UGC Sponsored National Seminar on the Role of Mathematics and Information Sciences in Design of Sophisticated Systems	Dept. of Mathematics, Andhra Loyola College (Autonomous) in the Collaboration with Dept. of Computer Science, Krishna University, Vijayawada	20-08-2014 to 21-08-2014
12	XXIII of APSMS and National conference on Mathematics	Organized by Dept. of Science & Humanities, Vignan's University, Guntur, December 12th-14th , 2014.	12-08-2014 to 14-08-2014
13	Presented a paper'Diversities of Commensal &Ammensal Mathematical Models With	AR Research Publication, YMCA,New Delhi.	

				01-02-2015
	Limited Resources In Commensal /Ammensal Washed out State'and published in Proceeding of 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 International Conference on Recent Trends in Engineering Science and Management,ICETESMA-15,Pearson Publications, ISBN 978-93-325-4896-1, pp.536-539,2015	Academic Science at Jawaharlal Nehru University, JNU convention Center, New Delhi		01-03-2015
15	Presented a paper 'Ammensal Mathematical Model with Time Delay-Case(I) Study' and published in Proceeding of International Conference on Recent Trends in Engineering Science and Management,ICETESMA-15,Pearson Publications, ISBN 978-93-325-4896-1, pp.531-535,2015	Academic Science at Jawaharlal Nehru University, JNU convention Center, New Delhi		01-03-2015
16	Presented a paper 'Uniqueness Of Ammensal& Commensal Mathematical Models With Limited Resources In Fully Washed-Out State' and published in Proceeding of International Conference on Science, Technology and Management,ICSTM-2015	AR Research Publication, YMCA,New Delhi, India		01-02-2015
17	Presented a paper '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	The Institutions of Electronic and Telecommunication Engineers (IETE), Lodhi Road, New Delhi, Delhi, India		9-10-2016

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	Indian Federation of United Nations Associations (IFUNA),Qutab Institutional Area, Delhi,India	18-09-2016

	Management,ICRISTM-16, Academic Science, ISBN: 978-81-932712-7-8, pp. 55-61,2016		
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 Recent Trends in Engineering, Science and Management,ICRTESM-17, ISBN:978-93-86171-72-6, pp. 199-206,2017.	The Institution of Electronics and Telecommunication Engineers, Osmania University Campus, Hyderabad	22-10-2017
26	Five Day Faculty Development Program 'A Workshop on Essentials of Latex' .	Dept. of CSE &I.T,Bapatla Engineering Collge with the collaboration with Computer society of India at Bapatl Engineering College, Bapatla	23-10-2017 to 25-10-2017 & 30-10-2017 to 31-10-2017
27	Presented a paper 'Pessimistic Time Estimate with Arithmetic Progression' in the Proceedings of 12th International Conference on Recent Trends in Engineering, Science and Management	The Institution of Electronics and Telecommunication Engineers, Osmania University Campus, Hyderabad, India	19-11-2017

	(ICRTESM-17), ISBN 978-93-86171-79-5,pp. 519-525,2017.		
28	Presented a paper 'A Problem in Game Theory with Fibonacci Numbers' in the Proceedings of 12th International Conference on Recent Trends in Engineering, Science and Management (ICRTESM-17), ISBN 978-93-86171-79-5, pp.512-518,2017.	The Institution of Electronics and Telecommunication Engineers, Osmania University Campus, Hyderabad, India	19-11-2017
29	Three Days Faculty National Level Faculty Development Program: 'Application of Matlab/Simulink to Electrical System'	Dept. of Electrical and Electronics Engineering , Bapatla Engineering Collge, Bapatla	7-12-2017 to 9-12-2017
30	An invited talk on 'Various Interactions in Mathematical Ecology' Virtual International Award Conference on Multi-Disciplinary Research and Innovation.	International Association of Research and Developed Organization (IARDO) and Dolphin (PG) College of Science & Agriculture ChunniKalan, Punjab, India	28-11-2020
31	An invited talk as a key note speaker on 'Fundamentals of Mathematical Modeling in Ecology' in Second International Multidisciplinary Conference on Latest Research Trends.	Kasetsart University, Chatuchak, Bangkok, Thailand	7-12-2020
32	Presented a paper 'Research and it's important components' in the Proceedings of 5th International Conference on Interdisciplinary Research for Sustainable Development 2020 (Virtual IRSD 2020)	Green ThinkerZ in association with Western Sydney University, Australia and Wakelet - Manchester UK .	25-12-2020
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 Recent Intelligent Technologies in Science, Engineering, Humanities and Management (ICRITSEHM 2021).	Cheran College of Engineering, K.Paramathi, Karur, Tamilnadu	26-2-2021
34	Presented a paper 'A Peculiar Harvested	Department of Mathematics, Thiruvalluvar University, Vellore,	08-07-2021 to

		Commensal-Host Mathematical Model -Global Stability Analysis', in International Virtual Conference on Mathematical Modelling, Analysis and Computing (MMAC-2021)	Tamil Nadu, India	09-07-2021
	35	Presented a paper 'Dynamics of Optimal Harvesting in an Ammensal-Enemy Interaction' in International Virtual Conference on Mathematical Modelling, Analysis and Computing (MMAC-2021) .	Department of Mathematics, Thiruvalluvar University, Vellore, Tamil Nadu, India	08-07-2021 to 09-07-2021

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	
5	Awarded "Young Scientist Award"on13-10-2012	Khajure Research Foundation and Development Society,Humnabad,Karnataka	2012
6	Received "Global Indian Achiever's Award"on4-12-2012	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 29th 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 38th 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.Rajasekaran, Fr. Union Minister of India.	2016	
18	Received 'Editorial Excellence Award-2017'	International Institute of Organized Research (I2OR),India& Australia.	2017	
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 celebrations	2001-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
6	¼ 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
11	Member of Mal Practice Committee	2013-2019
12	Staff coordinator of conducting Special Training Classes for Junior Staff Members in M-IV	2014-2018
13	Staff Coordinator of Student Activities Committee	2016-2018
15	Staff Coordinator for Criteria-III in Dept. of Maths(NAAC).	2017-2020
17	CV& SF Coordinator	2018-till date
18	Member Teaching and Learning Activities	2018-2019
19	Staff Coordinator of Cultural Activities in BECTAGON.	2018-2019

20	Convener of Literary Events, BECTAGON	2019-2020
21	Staff Coordinator for Criteria III in Dept. of Maths (NAAC).	2022-2023
22	Press Coordinator for BECTAGON	2022-2023

Research Credentials

Index/database	ID/Link
Google Scholar	https://scholar.google.com/citations?user=KuEcN4cAAAAJ&hl=en
SCOPUS	https://www.scopus.com/authid/detail.uri?authorId=4426009144
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