

CURRICULUM – VITAE
OF
Capt. Dr. N.RAMAKRISHNA

Name : Capt. Dr. N. Ramakrishna .M.Sc., Ph.D, D.Litt.

Date of Birth : 08-03-1967

Mailing Address: 9-7-34/4, Sivajipalem, Visakhapatnam.
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Present Designation : Reader in Mathematics, and NCC Officer,
Mrs.AVN College, Visakhapatnam

ACADEMIC QUALIFICATIONS:

- 1) Ph.D - 2010 , Andhra University, Visakhapatnam on “A study of Vague groups, Vague universal algebras and Vague graphs ”
- 2) M. Phil - 1995, Andhra University, Visakhapatnam on
“ fixed point theorems on posets.”
- 3) M. Sc. - Post Graduation with Mathematics Secured Distinction
1990, P. G. Centre, Rajahmundry, Andhra University.
- 4) M.A. Education - Post Graduation, Secured First class in 1993,
Andhra University, Visakhapatnam.
- 5) B.Sc – Graduation with Mathematics, Physics chemistry, secured
distinction 1987.
- 6) A Certificate Course in Computers: Secured ‘ A’ Grade.

Total service as Lecturer in Mrs.AVN College:

Date of First appointment	: 20 – 11 – 1991
Date of promotions as Sr. Lecturer	: 06 – 04 – 2005
Date of promotions as S.G. Lecturer	: 06 – 04 – 2010
Date of promotions as Associate Professor	: 06- 04- 2010
Total Service	: 26 years

COLLEGE DEVELOPMENT COMMITTEES.

Sl. No.	Name of the committee	Position	Duration
1.	Admission Committee	Convener	2009 - 10 2010 - 11 & 2016- 17,2017-18
2.	College Development and Planning Council (CDPC)	Co-ordinator	2010 - 11, 2011 -12 & 2012 - 13
3.	Campus maintance	Campus Officer	2012-13,2015-16
4.	NAAC (Infrastructure and Learning resources)	Co -ordinator	2007 - 08 and 2012- 13
5.	IQAC	Member	2008 to till date
6.	Campus publicity	Press Relation Officer	2008 to till date
7	SVEEP (Voters reg)	Nodal Officer	2013-14,2014-15
8	College website & face book	Web master	2016-17
9	JKC and Placements	Placement Officer & JKC Co-ordinator	2016-17

Membership of Professional societies, membership of Governing executive / Advisory body of an industry or other sector in the last three years.

- 1 Life member of Andhra Pradesh Society for Mathematical Sciences (APSMS),and treasurer in the period 2014-15.
E C member, AU Area 2015-17
2. Life member of Association of Mathematics Teacher of India (AMT)
3. Executive member of Academic Council of St.Josephe's College (A), Visakhapatnam (Board studies - Mathematics)
4. Expert committee member in framing 1st BA Mathematics syllabus under CBCS System in Andhra University.
5. Committee member, Board of studies, UG, Andhra University 2015- 18.
6. Associate Fellow, Andhra Pradesh Akedemy of Sciences, Andhra Pradesh.
- 7 Committee member, Board of studies, UG, MR College (A), Vijayznzgaram, 2015- 18.
- 8 Committee member, Board of studies, UG, GVP Degree college 2015- 18.

- 9 Lifemember, Ramanujan Mathematics Academy & Mathematics Library,
Ramachadrapuram, EG Dt. Andhra Pradesh.

BOOK – PUBLICATIONS:

- 1) Author of “ A practical Manual on Mathematics” for 1st B.Sc. students with mathematics is one option.
- 2) Author of “ A Hand Book of N C C” which is use full for, all N C C cadets of Army wing J D , J W , S D , S W who appearing for A,B,C, certificate exams.
- 3) Author of 2nd B. Sc mathematics material both English medium and Telugu medium, for School of Distance Education of Andhra University.
- 4) Author of 3rd B. Sc mathematics material both English medium and Telugu medium for School of Distance Education of Andhra University.
- 5) Author of “ Test papers -2004 for 1st B.Sc. Mathematics,” Andhra University Students.
- 6) Author of 3rd B. Sc mathematics Practical Manual , for School of Distance Education of Andhra University.
- 7) Thesis entitled “ A study of Vague groups, Vague universal algebras and Vague graphs” was published by LAMBERT academic publishing house, Germany.

ACT IVITIES OF COMMUNITY DEVELOPMENT:

- (1).Organized **pulse polio Rally** on 20th Jan 2001, 2nd Dec.'01,
9th Feb 2003, 4th Jan.;04, 9th Oct.;04,7th Jan'2007,13th sept.2007,
19th August2007, 6th Jan 2008, 14th Sep 2008, 10th jan 2010, 23rd Jan 2011,18th
Jan 2015 in slam areas around Mrs. A.V.N.College .
- (2) Organized **Aids Awareness Rally** on 1st Dec.2001, 1st Dec2004,
1stDec.2005,1st Dec 2006.,1st Dec 2007., 1st Dec 2008, 1st Dec 2009,
1st Dec 2010., 1st Dec 2011. , 1st Dec 2012 ., 1st Dec 2013., 1st Dec 2014
1st Dec 2015, 1st Dec 2016,
- (3). Organized **Anti - Corruption Rally** on 3rd Nov.'2003.
- (4). Organized **Tree plantation Rally and Tree Plantation** on 24th Aug.2003,
14th Nov.'04, 8th Oct.2006.,17th Nov2007,6th Jan2009 .31st October 2010.
11th Sep 2011, 20th Nov 2011,7th Oct 2012,23rdOct2014,16th Jan 2015
- (5). Organized **Blood Donation camps** in Mrs. A.V.N.College on 25th July 2003,
9th December 2004, 14th September 2005, 14th September 2006. 14th Dec 2007.
19th Nov 2009, 22nd Nov 2010 , 23rd Nov 2011,5th Nov2013., 7th Jan 2015,
6th Dec 2016.

(6). Organized **Swine flu awareness rally** on 8th sep 2009.

(7). Organized **pledge on conservation** on energy on 29th August 2010,
19th Nov 2013

(8). Organized **Traffic awareness rally** on 6th Jan 2009.

(9) Organized **Swaach Bharat Activity** : Beach cleaning On 22 sep 2013, cleaning Statues on RK Beach road on 28th Sep 2014, at Dutch Cemetery on 30-08-2015, at Mrs.AVN College on 04-10-2015.2nd Oct 2016

(10) Organized , **Hud-hud relief work** at Sivaji park on 9h Oct 2014, VUDA park on 14thNov2014

RESEARCH AND CONSULTANCY

1. Students guided for M.Phil. / Ph.D. for Universities in A.P. :

Two M.Phils are awarded in 2012 under my supervision.

1. Sri Ch. Satyanarayana. --- Dr. B.R. Ambedkar Open University,
Hyderabad — Awarded in 2012
2. Sri B. Nageswara Rao --- S.V. University , Tirupathi ----
Awarded in 2012.

One student submitted his Ph.D. thesis on 23-12-2016 under my supervision.

3. Sri B. Nageswara Rao --- K. L. University, Vijayawada.

Title of thesis “ A study on translates of vague groups, vague semirings and vague β -algrbras ”

Research Projects completed / ongoing :

Sanctioned minor research Project entitled “ Investigation on Vague Semi Rings and its application to Vague Automata.” In March 2008.

The tenure of the project will be two years , and funded by U.G.C.
I am the Principal investigator to the project work.

Submitted the report.

Seminars, Conferences, Symposia Workshops Etc. attended:

Sl.No	Name of the Seminar / Conferences / Symposia/ Workshops etc.	Name of the organizing institution	Place and Date
1	National Conference on "Non-Linear analysis and applications"	Andhra University,	Visakhapatnam 27-29 March 2000.
2	National Seminar on "Recent advances in applied mathematics"	Andhra University	Visakhapatnam 30 th June – 1 st July '04.
3	"XIV congress of Andhra Pradesh society for Mathematical Sciences"	GITAM	Visakhapatnam 9-11sept '05.
4	International conference on Bio-information and Diabetes mellitus"	Andhra University	Visakhapatnam 25-27 March '06.
5	Workshop on Mixed signal processing & recent advances in Electronics	Andhra University	Visakhapatnam 21 Dec , 2006
6	"National Seminar on Recent Trends in Algebra and Applications" at	Andhra University	Visakhapatnam 29 – 31 Dec'2006.
7	International conference on statistical science OR and IT " in conjunction with the XXVI annual convention of "Indian Society for Probability and Statistics" held at	S.V.University	Tirupathi 7 – 9 January 2007
8	Workshop on Low power VLSI Design & Technology	Andhra University	Visakhapatnam 3 Feb, 2007
9	UGC National workshop on" Organizational culture in colleges:Paradigm shift"	St.Josrph's college for women,	Visakhapatnam, 15 th -17 th Nov 2007.
10	"National Conference on Recent Developments in Mathematics and Applications"	Andhra University	Visakhapatnam, 26 th -28 th Nov 2007.
11	International work shop on Data mining and stochastic modeling Organized member, Convener for Press and Relation Committee.	Andhra University	Visakhapatnam, 29 th Jan-1 st Feb.2008.
12	One day workshop on algebra and analysis	GVP degree college	Visakhapatnam 24 th March 2008
13	International Conference on operated research for a growing nation in conjunction with the 41 st Annual Convention of Operational research Society of India,	S V University	Tirupathi 15-17 th Dec.,2008
14	APSMS, XV congress and National Conference on Mathematical Modeling in Emerging Technologies,	Malla Reddy Engg. College	Secenderbad 13-15 th Feb.,2009.

15	A one day national workshop on “ Latest applicable trends in Mathematical science -2009 ”	Al-Ameer college of Eng & IT, Visakhapatnam.	Visakhapatnam 7 th August,2009
16	XVII Congress of APSMS and National Conference on mathematical solutions using soft computing for problems in science and technology	Mrs.AVN College	Visakhapatnam 11-13 Dec , 2009.
17	International Conference on Statistics, probability, operations research, computer science and allied areas	Andhra University	Visakhapatnam, 4-8 January 2010.
18	International workshop on recent advances in Mathematical algorithms and data analyses	Andhra University	Visakhapatnam 2-5,Jan 2010
19	National seminar on Modern trends in applied mathematics.	Andhra University	Visakhapatnam, 9- 10 th October 2010
20	National work shop on recent advances in data mining and its applications	Andhra university	Visakhapatnam 11-14 th March2011
21	National workshop on recent advance s in statistical signal processing and its applications	Andhra University	Visakhapatnam, 24-27 th August 2012
22	National conference on effective facilitation skills for teachers in higher education	St.Joseph’s college for women	Visakhapatnam, 17-18 Feb 2012
23	“National Semnar on Recent Advances in Mathematical sciences and its allied areas”	MR College	Vijayanagaram 27-28 Dec 2012.
24	XXI Congress of APSMS and National Conference on Applications of mathematics in engineering, Physical and Life sciences.	SV University	Tirupathi., 7-9 Dec 2012
25	National seminar on Telugu classical literature- A classical analysis of women characters	Mrs.AVN College	Visakhapatnam 27-28 th 2013
26	National workshop on Higher education – The role of teacher	Mrs.AVN College	Visakhapatnam,10 th October 2014
27	XXII Congress of APSMS and National Conference on mathematics	Vignan University	Guntur 12-14 Dec , 2014.

28	International Conference on Algebra and applications-2014	Andhra University	Visakhapatnam, 29 th April- 1 st May2014
29	Conference on Training the Trainers	Shipwright School	Visakhapatnam, 1 st -3 rd May 2013
30	National workshop on essence of mathematics and Engineering applications	KL University	Vijayawada 26-27 March 2015
31	National seminar on Emerging Trends in applied mathematics.	Andhra University	Visakhapatnam, 4-5 th April 2014
32	National workshop on Awareness and Interaction on RTI Act 2005	Mrs.AVN College	Visakhapatnam 29-30 August 2013.
33	National seminar on recent advances in stochastic modeling and its applications	Andhra University	Visakhapatnam, 10-11 Feb 2013
34	National conference on Advances in Mathematical sciences	KBN College	Vijayawada 11Nov 2015
35	XXIV Congress of APSMS and National Conference on recent developments in Mathematical sciences and their applications to science and technology.	Vignana bharathi institute of technology	Hyderabad 11-12, Dec 2015
36	State level workshop on recent advances in mathematics	Mrs.AVN College	Visakhapatnam 12 Sept 2015
37	State level Symposium on Strategies of women's progress in view of smart cities.	Mrs.AVN College	Visakhapatnam 27 th Sept 2016
38	National conference on Recent Advances in Mathematics and its applications	St.Joseph's college for women	Visakhapatnam 17-18 th Nov 2016
39	XXV Congress of APSMS and National Conference on Emerging trends in mathematical sciences and applications in engineering sciences.	NBKR Institute of science and technology(A)	Vidyanagar, SPSR Nellore Dt.9-11 Dec 2016
40	2 nd Andhra Pradesh science congress	AP Akademi of sciences in association with Dr.NTR University of Health sciences,ANU, & KU	Vijayawada 7-9 th Nov 2016

41	One day training on Human rights	Andhra Pradesh Human resource development institute	Bapatla 10 th Jan 2017
42	National workshop on Recent Trends in Teaching and Learning Mathematical sciences	Sree Konaseema Bhanoji Ramars College,	Amalapuram 22-02-2017
43	National workshop on Applications of Advanced Mathematics in Engineering & Sciences	AU College of Engineering , Andhrauniversity	Visakhapatnam 28 th Feb-1 st March 17
44	National conference on Recent Advances in pure and applied Mathematics	Sri Padmavathi Mahila Visvavidyalayam	Tirupati 6-7 March 2017
45	One way workshop on Digital learning Initiatives	UGC-HRDC Andhra University	Visakhapatnam 14-07-2017
46	XXV I Congress of APSMS and National Conference on Recent Advances in Mathematics.	Kakatiya University Warangal, Telangana	11-13 th August 2017
47	STEM Teacher Training Workshop on Research based Pedagogical Tools	IISER Pune & MHRD	11-14 th Oct 2017
48	Andhra Pradesh Science Congress-2017	APAS and Andhra University	7-9 th Nov 2017

Seminars, Conferences, Symposia Workshops Etc. attended
And given Invited talk/ Chaired a session

Sl.No	Name of the Seminar / Conferences / Symposia/ Workshops etc.	Name of the organizing institution	Place and Date
1	National conference on Recent Advances in pure and applied Mathematics	Sri Padmavathi Mahila Visvavidyalayam	Tirupati 6-7 March 2017

Seminars, Conferences, Symposia Workshops Etc. organized
as Convener/ Co-ordinator/Asst. Convener

Sl.No	Name of the Seminar / Conferences / Symposia/ Workshops etc.	Name of the organizing institution	Place and Date	Responsibility
1	XVII Congress of APSMS and National Conference on mathematical solutions using soft computing for problems in science and technology	Mrs.AVN College	Visakhapatnam 11-13 Dec , 2009.	Coordinator

2	National seminar on telugu classical literature- A classical analysis of women characters	Mrs.AVN College	Visakhapatnam 27-28 th 2013	Asst. Convener
3	State level workshop on recent advances in mathematics	Mrs.AVN College	Visakhapatnam 12 Sept 2015	Convener
4	International work shop on Data mining and stochastic modeling .	Andhra University	Visakhapatnam, 29 th Jan-1 st Feb.2008.	Convener for Press and Relation Committee
5	National work shop on recent advances in data mining and its applications	Andhra university	Visakhapatnam 11-14 th March2011	Convener for Press and Relation Committee
6	International Conference on Algebra and applications-2014	Andhra University	Visakhapatnam, 29 th April-1 st May2014	Convener for Press and Relation Committee
7	National conference on recent developments in Mathematics and Applications	Andhra University	Visakhapatnam 26-28Nov 2007	Convener for Press and Relation Committee
8	National workshop on Awareness and Interaction on RTI Act 2005	Mrs.AVN College	Visakhapatnam 29-30 August 2013.	Asst. Convener

Research publications of Capt.Dr.N.Ramakrishna

<i>Sl. No.</i>	<i>Name of the Journal.</i>	<i>Title of the paper</i>	<i>Month & Year of Publication</i>	<i>National or International</i>
1	Southeast Asian Bulletin of Mathematics	A characterization of cyclic groups in terms of L- fuzzy subgroups (Impact Factor : 2.093)	Vol.33 March, 2009 (913-916)	International
2	Southeast Asian Bulletin of Mathematics	A characterization of cyclic groups in terms of L- fuzzy subgroups- II (Impact Factor : 2.093)	Vol.33, March, 2009 (1171-1174)	International
3	International Journal of Computational Cognition	Boolean Vague sets (ISSN : 1542-5908)	Vol.5, No.4, December, 2007 (50-53)	International
4	International Journal of Computational Cognition	A Characterization of Cyclic Groups in Terms of Vague Groups. (ISSN : 1542-5908)	Volume 6, No.2, June 2008, (Pages 1-32.)	International
5	International Journal of Computational Cognition	Vague Normal Groups. (ISSN : 1542-5908)	Volume 6, No.2, June 2008, (Pages 1-32.)	International
6	International Journal of Computational Cognition	Vague Groups and Vague Weights (ISSN : 1542-5908)	Volume 6, No. 4, December 2008.	International
7	International Journal of Comp. Cognition	On Vague Universal Algebras. (ISSN : 1542-5908)	Volume 7, No. 1, March 2009. (Pages 69-73).	International

8	International Journal of Algebra	Determination of Groups which admit a particular type of L-fuzzy subgroups (Impact Factor : 0,195)	Vol.4,No.18 April, 2010 (875-880)	International
9	International J. of Math. Sci. & Engg. Appls. (IJMSEA)	Anti-Homomorphisms in Vague Groups (Impact factor 1.555-2011)	Vol.6, No.II March, 2012 (449-459)	International
10	International J. of Math. Sci. & Engg. Appls. (IJMSEA)	Normal Fuzzy Soft Ideals in Semirings (Impact factor 1.555-2011)	Vol.6, No.III May, 2012 (283-291)	International
11	International Journal of Computational Cognition	On a Product of Vague Groups. (ISSN : 1542-5908)	Volume 6, No.4, December 2008. (Pages 51 – 54).	International
12	International Journal of Computational Cognition	Vague Graphs (ISSN : 1542-5908)	Volume7, No. 2, June 2009.	International
13	International Journal of Computational Cognition	Optimization through Vague Sets. (ISSN : 1542-5908)	Volume 7, No. 1, March 2009. (Page 65 – 68).	International
14	Int. journal of Mathematical sciences and engineering applications,	Some characterizations of Vague groups and vague normal groups (ISSN : 0973-9424)	Vol.6, No.III (2012) , (387 – 397.)	International
15	Asian journal of current engine - eering and maths	Vague order of an element in a group (ISSN : 2277-4920)	Vol. 1, May 2012, (103 -110).	International
16	International Journal of Pure and	Translates of Vague	Volume 7, Number 2	International

	Applied Mathematical Sciences.	Groups (ISSN : 0972-9828)	(2014), pp. 217-226	
17	International Journal of Pure and Applied Mathematics	Vague Fields and Vague Vector Spaces (Impact Factor 2.68)	Volume 94, Number 3 (2014), pp. 295-305	International
18	Global Journal of Pure and Applied Mathematics	Translates of L- Vague Groups (ISSN : 0973-1768)	Volume 11, Number 2 (2015), pp. 1061-1080	International
19	Global Journal of Pure and Applied Mathematics	Translates of Vague Semi rings and vague ideals (ISSN : 0973-1768)	Volume 11, Number 2 (2015), pp. 679-697	International
20	International Journal of Pure and Applied Mathematics	Translates of Vague normal Groups (Impact Factor 2.68)	Volume 103, Number 2 (2015), pp. 169-185	International
21	Global Journal of Pure and Applied Mathematics	Translates of Vague modules (ISSN: 0973 - 1768)	Volume 11 Number 2 (2015) Pp 12 - 18	International
22	International Journal of Pure and Applied Mathematics	Translates of Vague β -algebra (Impact Factor 2.68)	Volume 106 Number 2(2016) Pp 1311-1002	International
23	International Journal of Chem Sci	Application of translates of vague sets in career decision making ISSN 0972-768X	Volume 14 No.1 (2016) 372-380	International
24	International Journal of Chem Sci	Application of translates of vague sets on electoral democracy modal ISSN 0972-768X	Volume 14 No.2 (2016) 762-768	International
25	World Journal of Research and review	Vague cosets ISSN 2455-3956	Vol-3, issue-2 August 2016, Pages 28-31	International
26	Bulletin of Mathematics and statistics research	Some characterizations of Vague Ngroups ISSN:2348-0580	Vol-4,s1 2016 Pages 144-147	International

AWARDS AND REWARDS

1. Received state award entitled " D D G Commendation Card" from Deputy Director General, NCC, Andhra Pradesh, on 22nd November 2012
2. Received state award entitled " D D G Commendation Card " from Deputy Director General, NCC , Andhra Pradesh , on 9th November 2010.
3. Best Associate N C C Officer ,2006-07,2008 – 09 of Visakhapatnam Group.
4. Received national award entitled " D G Commendation Card " from Deputy Director General , NCC, Andhra Pradesh, On 26th November 2006.
5. Received Achievers award - 2008 from Achievers organization, A Social service forum Hyderabad.
6. Best A N O of 13 (A) Battalion of Visakhapatnam group in the year 2005-'06.
7. Ugadi Puraskaram-2007 Award "Visakha Animutyam " from Sri P.Janardhana rao Mayor Visakhapatam.
- 8 Received State award entitled "Guru strasta -2015" from Hon'ble Sri.K.Haribabu, MP , Visakhapatnam on 27th Sept 2015.
9. Received Ugadi Puraskaram -2016 from Mother therisa social welfare organization on 08-04-2016.
- 10 Received Ugadi Puraskaram -2016 from Visakharatna Kalaparisheth social and cultural organization on 10-04-2016.
11. Received "Seva ratna national award -2016" from Priyadarshini social welfare organization on 08-05-2016.
12. Received " Upadhyaya Ratna national award -2016 from Savitri Bai Phule memorial organization on 5-6-2016 at Sri Potti sriramulu University, Hyderabad .
13. Received Visakha Ratna Award from Visakharatna Kalaparisheth social and cultural organization on 27-12-2016.
14. Received Honorary Doctorate "Doctor of letters (D.Litt) from University of South America on 05-01-2016.
15. Received "Dasari athimya Puraskarm " from Sri Dasarinarayanarao cultural Academy, Visakhapatnam on 11-12-2017.

Honorary positions:

- 1. President :** Visakhapatnam group Associate NCC Officers Association, Visakhapatnam.
- 2. Secretary :** Vasantham Child welfare organization, Visakhapatnam.
- 3. Treasurer:** Andhra Pradesh Society for Mathematical Sciences, Andhra Pradesh.
- 4. Vice-President :** Sivajipark Walkers Association, Visakhapatnam.
- 5. Joint Secretary:** Yoga Educational Society (YES), Visakhapatnam.
- 6. Member :** Board of studies, Department of mathematics, Andhra university, Visakha.
- 7. Associate fellow :** Andhra Pradesh Akademy of Sciences, Andhra Pradesh..
- 8. Member :** Board of studies, Department of mathematics, MR College (A), Vijayanagaram
- 9. Member :** Board of studies, Department of mathematics, GVP Degree college (A) Visakha
- 10. Director; Visakhapatnam chapter, :** All India Council of Human Rights,
Liberties & Social Justice, New Delhi (2016-2019)
- 11. Member :** All India Anti Corruption Council, New Delhi.
- 12. Press Representative :** National council of News & Broadcasting, New Delhi.