

***** LECTURER DOLA.DEVANANDAM PROFILE *****

Dr.DOLA DEVANANDAM

Selection Grade Lecturer
Department Of Mathematics
Government Degree College
Chintalapudi-534460, West Godavari Dist.



Website : <http://www.ddn.co.in>
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Personal Information

Date of Birth : 1967-04-09
Qualification : M.Sc. ,M.Ed. ,M. Phil., Ph.D.
Specialization : Lattice Theory, Numerical Analysis And Computer Techniques. Linear Programming and Game Theory.
Experience : 20 Yrs

Research Information

Papers in Journals : 05 (01 Paper Published ,04 Papers communicated)
Papers in Conferences : 06

Conferences

National / Regional Conferences Conducted : Modern Trends in Mathematical and Physical Sciences.(National)
“Application Oriented Conceptual Mathematics: A Perspective”
National Conferences Attended : 15
International Conferences Attended : 01 Paper presented on Problems faced by Working Women in India- An Overview

Other Administrative Responsibilities performed

1. Examinations Incharge
2. HRMD Statistical Coordinator
3. IQAC Coordinator
4. UGC Coordinator
5. Board of Studies member to KBN College, Vijayawada
6. Convener for various committees like Discipline, Admissions etc.

Cluster Projects works:

**Guided various projects in cluster papers of CBCS system in Numerical Analysis like
NUMERICAL METHOS WITH C PROGRAMMING**

Academic Qualifications

| Qualification | Board/ University | Subject | Year | Division/Grade |
|----------------------|--|---|---------------|------------------------------|
| SSC | Board of Secondary Education, Hyderabad | State Syllabus | 1984 | 2nd ,55.6% |
| Intermediate | Board of Intermediate Education, Hyderabad | Mathematics, Physics & Chemistry | 1987 | 54.17% |
| B.Sc, | Acharya Nagarjuna University, Guntur | Mathematics, Physics & Chemistry | 1991 | 3rd 58% |
| B.Ed | Andhra University, Watair | Mathematics & Physical Science | 1993 | 1st , 69.1% |
| M.Sc | Andhra University, Watair | Pure Mathematics | 1997 | 1st 65.5% |
| M.Ed | Andhra University, Watair | | 1998 | 1st 63% |
| M.Phil | Madurai Kamaraj University, Madurai | | 2007 April | 2nd 53.4% |
| Ph.D | Acharya Nagarjuna University, Guntur | Some Results on Multiobjective Programming, Mixed Saddle Points with Generalised Invexity | 2018 March | Ph.D - awarded on 14.03.2018 |

LIST OF PUBLICATIONS

1. Published a paper entitled “A Review on Nonlinear Programming and Generalised Invexity” in **Global Journal of Computer Science and Technology: A hardware & Computation, Vol.14, Issue 1, 2014, PP 13-16, Global Journal Inc., USA, *Online ISSN: 0975-4172 & Print ISSN: 0975-4350***
2. Published a paper entitled “Generalised v-p Invexity and non linear programming” in **International Journal of Recent Trends in Engineering Research Vol.02, Issue 03, March 2016, PP 488-494, IJRTER, *ISSN: 2455-1457 IF : 3.344***
3. Published a paper entitled “Nonlinear Programming for a η - approximation involved in generalised invexity” in **International Journal of Scientific & Engineering Research, Vol.7 Issue 4, 2016 PP 231-239, <http://www.IJSER.org>, *ISSN: 2229-5518***
4. Published a paper entitled “Chi Square Test for Goodness of Fit” in **International Journal of Scientific and Innovative Mathematical Research** a monthly online International Journal,

volume no.3, Special Issue 5, published page:129-134, November 2015, Academician's Research Centre, www.arcjournals.org ISSN No.2347-307X (Print)

5. Published a Paper entitled "Use of Redlich – Kister Polynomial for Fitting Excess Parameters" in **Bulletin of Mathematics & Statistics Research(BOMSR) – An International Journal** (A Peer Reviewed/ Referred), Vol.S1,2017, PP no 81, <http://bomsr.com>, ISSN No: 2348-0580
6. Published a paper entitled "Erase e- waste – Salvage Future" in **International Journal of Multi Disciplinary Advanced Research Trends**, volume no.4, Issue 1(3), published page:249-254 January 2017
www.IJMART.org in ISSN No.2349-7408,
7. Published a paper entitled "Pollution Free Environment as Human Right" in **International Journal of Engineering Research**, volume no.4, Issue S2, published page:183-186, 2016
[http:// www.IJOER.in](http://www.IJOER.in), ISSN No.2321-7758,
8. Published a paper entitled "Methods to Reduce Corporate Social Irresponsibility" in **International Journal of Multi Disciplinary Research**, volume no.2, Issue 6, published page: 173-180, 2016, SS Publications, www.sspublications.co.in ISSN No.2395-7964, IF 2.96.
9. Published a paper entitled "Problems Faced by Working Women in India – An Overview" in **Global Journal Research for Research Analysis**, volume no.3, Special Issue 8, published page:43-44, August 2014, Sara Publishing Academy, Ahmadabad , ISSN No.2277-8160, IF 1.5408.
10. Published a paper entitled "Compost – The Future's Energy Source" in "Compost – The future's Energy Source" in **Seminar Proceedings ISBN 978-93-86251-20-6** organized by Department of Physics Sir CRR College, Eluru.

Particulars who attended Refresher Courses/Orientation Course

| S.No | Name of the Lecturer | Seminars/Refresh Courses/ Orientation Courses/Topic | University/Institute | Period |
|------|----------------------|---|----------------------------|--------------------------|
| 1 | Sri Dola.Devanandam | Orientation Course | Andhra University, Waltair | 19.01.2000 to 12.02.2000 |
| 2 | Sri Dola.Devanandam | Refresher Course | Andhra University, Waltair | 22.12.2003 to 11.01.2004 |
| 3 | Sri Dola.Devanandam | Refresher Course | Andhra University, | 03.11.2004 to |

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|---|---------------------|------------------|-------------------------------|-----------------------------|
| | | | Waltair | 23.11.2004 |
| 4 | Sri Dola.Devanandam | Refresher Course | Andhra University, Waltair | 09.05.2011 to 29.05.2001 |

Seminar, Conferences, Symposia Workshops etc., attended:

| S.No | Nature of the Program | Participated/ Title of paper presented | Title of the Seminar/work shops/Conferences | Organised by the Institution/College | Dates |
|------|--|---|--|---|-------------------------------|
| 1 | Seminar | Participated | Application of Mathematics | A.N.R.College, Gudivada | 20 th December2005 |
| 2 | UGC sponsored Two Day National Seminar | A future role for Numerical and Applied Mathematics in Nano-Technologies. | A Future role for numerical and Applied Mathematics in Nano- Technologies. | Department of Mathematics D.A.R.College,Nuzvid | 10.12.2009 to 11.12.2009 |
| 3 | UGC National Workshop | Participated | Uniform Hyper Graphs and their Applications | Sir CRR Institute of Mathematics and PG Department of Mathematics, Sir CRR Autonomous College, Eluru | 30.01.2008 to 05.02.2008 |
| 4 | UGC National Seminar | Participated | Recent Advances in Combinatorics ,Graphs and codes and their Application | Sir CRR Institute of Mathematics and PG Department of Mathematics, Sir CRR Autonomous College, Eluru | 25.01.2007 to 27.01.2007 |
| 5 | Regional Seminar | Conducted | Application Oriented Conceptual Mathematics: A Perspective | Department of Mathematics, D.A. R. College, Nuzvid & Sir CRR Institute of Mathematics and PG Department of Mathematics, | 25 th August2008. |
| 6 | UGC National Seminar | Participated | Present Trends in Mathematics and its Application. | S.G.S College, Jaggayyapet | 11.11.2010 to 12.11.2010 |
| 7 | UGC National Seminar | Boole's Laws of Thought-The Classic in the History of Mathematics. | Modern Trends in Mathematical and Physical Sciences. | D.A.R.College, Nuzvid | 20.01.2012 to 21.01.2012 |
| 8 | UGC National Seminar | Eradication of poverty Fundamental Responsibility of Civil Society. | Human Development, Inclusive Growth and Human Rights of the Poor: National and International Perspective | Dr.B.R.Ambedkar College of Law Andhra University, Waltair | 29 th April 2014 |
| 9 | UGC National | Creativity of | Enhancement and Sustenance | K.B.N. College, Vijayawada | 21 st July ,2014 |

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| | Seminar | Leadership | of Quality among Students and Teachers: Role of Support services. | | |
| 10 | UGC International Seminar | Problems faced by Working Women in India-An Overview. | Women Entrepreneurs ship-A Global Perspective | K.B.N. College, Vijayawada | 06.08.2014 to 07.08.2014 |
| 11 | UGC National Seminar | Mind and Professional Ethics-Historical Philosophy. | Human Values and Professional; Ethics in Degree College | Government Degree College,Truvuru-521235,Krishna.Dist,AP | 21.08.2014 to 22.08.2014 |
| 12 | UGC National Seminar | Recent Advancement in Solar Power Satellite. | Applications, Advances & Challenges in Space Research | P.B.Siddhartha College of Arts & ScienceVijayawada-520010, Krishna.Dist,AP | 19.09.2014 to 20.09.2014 |
| 13 | AP SCIENCE CONGRESS-2012 | The Role of Technology in Mathematics Teaching. | The role of Technology in Mathematics Teaching. | Andhra Pradesh Akademi of Sciences and Acharya Nagarjuna University, Guntur. | 14.11.2012 to 16.11.2012 |
| 14 | IIT, HYDERABAD | MA1215: Ramanujan-Divine-Inspiration. | Ramanujam Memorial Symposium in Mathematics and its Application. (RMSMA2012) | Indian Institute of Technology, Hyderabad | 22 nd December2012 |
| 15 | UGC National Seminar | Generalized –Pre invexity and Inverexity in Mathematical Programming. | Recent Developments in Mathematics and its Applications.128 th Birth Celebrations of Sri Sreenivasa Ramanujan | Department of Mathematics Acharya Nagarjuna University,Guntur | 22.12.2014 to 23.12.2014 |
| 16 | UGC National Seminar | Correlation of Excess parameters with Redlich- Kister Polynomials. | Recent Advances in Pure and Applied Mathematics(NSRAPAM-2015) | P.B.Siddhartha College of Arts & ScienceVijayawada-520010, Krishna.Dist,AP | 09.09.2015 to 10.09.2015 |
| 17 | Govt.of Andhra Pradesh-Higher Education Department and Rashtriya Uchchatar Shiksha Abhiyan(RUSA) | Participated | Academic Reforms- Workshop on Standardizing Question Paper Setting CBCS Pattern | A.N.R.College, Gudivada | 27 th August2015. |

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| 18 | UGC National Seminar | Chi-Square test for Goodness of Fit. | National Conference on Advances in Mathematical Sciences.(AIMS-2015) | K.B.N. College, Vijayawada | 27 th December 2015 |
| 19 | UGC National Seminar | Corporate Social Responsibility Initiatives for Inclusive and Sustainable Development | Corporate Social Responsibility | Department of Commerce & Management, KBN College, Vijayawada | 19 th & 21 st February 2016. . |
| 20 | UGC National Seminar | Advances in the Synthesis of Nano materials and their Multi-Dimensional Applications in Chemical & Bio – Sciences | Advances in the Synthesis of Nano materials | Andhra Loyola College, Vijayawada | 14 th & 15 th September 2016 |
| 21 | UGC National Seminar | Solid Waste Management | Solid Waste Management | P.G. Dept. of Chemistry, S.R.R. & C.V.R. Govt. Degree & P.G. College, Vijayawada, | 16 th & 17 th September 2016 |
| 22 | UGC National Seminar | Environmental Protection & Sustainable Development | Environmental Protection | Depts. of Chemistry, Botany & Zoology ,SIR CRR College,Eluru | 22 nd & 23 rd September, 2016. |
| 23 | UGC National Seminar | Advances in Atmospheric & Space Physics | Advances in Atmospheric & Space Physics | Department of Physics, PB Siddhartha College, Vijayawada | 26 th September 2016 |
| 24 | UGC National Seminar | Energy & Ecology | Energy & Ecology | SIR CRR College, Eluru | 4 th & 5 th October, 2016. |
| 25 | UGC National Seminar | Emerging Trends in Mathematics | Emerging Trends in Mathematics | Department of Mathematics, CRR Autonomous College, Eluru | 8 th & 9 th December 2016. |
| 26 | UGC National Seminar | Future Trends in Quality Enhancement of Professional Academic Skill in HEIs” | Quality Enhancement of Professional Academic Skill in HEIs | IQAC KBN College, Vijayawada | 5 th to 11 th August 2017 |

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| 27 | UGC National Seminar | Space Junk | Space Dynamics | Science Departments of Sir CRR College, Eluru | 4 th to 6 th October 2017. |
| 28 | UGC National Seminar | Green Accounting – Issues & Implementations | Green Accounting | Research Promotion & Monitoring Cell, KBN College , Vijayawada | 8 st & 9 nd December 2017. |
| 29 | UGC National Seminar | The Role of Chemist for Sustainable Environment | The Role of Chemist for Sustainable Environment | Department of Chemistry, KBN College, Vijayawada | 13 th & 14 th December 2017. |
| 30 | UGC National Seminar | Environmental Pollution – Public Responsibility | Environmental Pollution | Department of Chemistry, Andhra Loyola College, Vijayawada | 31 st January & 1 st February 2018. |
| 31 | UGC National Seminar | Materials for Energy & Environmental Protection | Materials for Energy | Departments of Physics, Chemistry & Electronics of CRR College, Eluru | 12 th & 13 th February 2018. |
| 32 | UGC National Seminar | Intellectual Property Rights | Intellectual Property Rights | Research Promotion & Monitoring Cell, KBN College, Vijayawada | 22 nd February 2018. |