

## PROFILE

Name: Dr. Cheruvu Krishnaveni

Educational qualifications: M.Sc., M.Phil., Ph.D.

Designation: Lecturer in Mathematics

Date of appointment: 26.06.1995

Areas of interest: Abstract Algebra, Near-rings



### EXPERIENCE IN OTHER INSTITUTIONS

- Worked as a lecturer in Mathematics at Ch.S.D. St.Theresa's College, Eluru, for the academic year 1994-1995.
- Worked as a Jr. Lecturer in Mathematics at Shanthi Jr.College, Narayanaguda, Hyderabad, for the academic year 1993-1994.

### ACADEMIC CONTRIBUTION

- Member of Discipline Committee: 2003 - 2013
- Member of Attendance Committee: 2003 - 2020
- Member of Examination Committee: 2004 - 2008
- Member of CBCS Committee: 2005 - 2007 & 2015 - 2017
- Member of Program Committee: 2008 - 2009
- Member of Anti-Sexual Harassment Cell: 2014 - 2019
- Member of Internal Complaint Committee: 2018 - 2019
- Coordinator, RUSA: 2018 - 2021
- Dean of Academic Affairs: 2019 - 2020
- Member of Handbook Committee: 2019 - 2021
- Member of Time Table Committee: 2019 - 2020
- Member of Academic Council: 2019 - 2021
- Member of Planning & Evaluation Committee: 2019 - 2021
- Member of Internal Academic & Administrative Audit Committee: 2019 - 2021
- Coordinator IQAC: 2020 - 2021
- Trained Academic Advisor, Academic and Administrative Audit, APCCE.

## **ORIENTATION / REFRESHER / SHORT TERM COURSES**

- Participated in the UGC sponsored short term course on “Preparation of Research Projects for Faculties” held at ASC, University of Madras, Chennai, from 18.08.2014 to 23.08.2014
- Attended Refresher Course in IT & Computer applications at Maulana Azad National Urdu University, Hyderabad from 19.05.2011 to 08.06.2011
- Attended Refresher Course in Mathematics at University of Mumbai from 22.02.2010 to 15.03.2010
- Attended Refresher Course in Mathematics at Andhra University from 22.12.2003 to 11.01.2004
- Attended Orientation Course at University of Hyderabad from 03.06.2002 to 29.06.2002

## **WORKSHOPS / FDPS / TRAINING PROGRAMMES**

- Participated in six days online International workshop on “Research Methodology in Science” from 5<sup>th</sup> Oct -10<sup>th</sup> Oct 2020 organized by Aretex Scientific International Pvt. Ltd.
- Participated in five-day faculty development programme in ‘LMS Video and Pedagogy’ from 3<sup>rd</sup> Aug - 7<sup>th</sup> Aug 2020 organized by Commissionerate of Collegiate Education, AP, Vijayawada.
- Participated in five-day Faculty Development Program in Mathematics on the theme of ‘New Knowledge, Pedagogical Methods: New Frontiers in Real Analysis, Abstract Algebra, Differential Equations and Calculus’ from 13<sup>th</sup> July - 17<sup>th</sup> July 2020 organized by Commissionerate of Collegiate Education, AP, Vijayawada.
- Participated in National Webinar : Seven-day online FDP on Revised Accreditation Framework of NAAC, organized by IQAC, Government College (Autonomous), Rajahmundry, through Google Meet from 27.05.2020 - 02.06.2020
- Participated in one week online FDP on “Empowering Teachers for Smart Teaching” from 5<sup>th</sup> May - 11<sup>th</sup> May, 2020 organized by St. Joseph’s PU College, Bengaluru
- Participated in MeitY sponsored one week Orientation Workshop on “OER, Content Development, MOOCS and MOODLE” organized by the E&ICT Academy, NIT Warangal, CCE and APSCH at NIT Warangal from 26.10.2018 - 31.10.2018.
- Participated in the NCM & IMSc. Sponsored Teachers’ Enrichment Workshop on “Algebra, Discrete Mathematics & Complex Analysis” held at IMSc, Chennai, during 22<sup>nd</sup> -27<sup>th</sup> May 2017.
- Participated in NCM & IMSc. Sponsored the Teachers’ Enrichment Workshop On “Algebra & Analysis” held at IMSc, Chennai, during 23<sup>rd</sup> - 28<sup>th</sup> May 2016.

## RESEARCH

### M.Phil., Ph.D., MRP

- Declared qualified for the award of the Degree of Doctor of Philosophy in Mathematics in Faculty of Physical Sciences, ANU on 09.01.2018 for the thesis on '*On Radicals of Near-rings and LP-Near-rings*'.
- Submitted UGC sponsored Minor Research Project, MRP-2345/06 (UGC-SERO), Dt.10.01.2007, *A study of quasi-regularity and G-regularity in Gamma near-rings* on 03.03.2009.
- Declared qualified for the award of Degree of Master of Philosophy in Mathematics, Madurai Kamaraj University in April - 2004.

### Publications

- S. Ragamayi, Y. Bhargavi, Cheruvu Krishnaveni, P.Bindu "Lattice-Fuzzy Prime Ideal of a Gamma Near-ring", Journal of Critical Reviews, Pages: 1-5, 03.06.2020, ISSN: 2394-5125
- K.Balakoteswara Rao, S. Ragamayi, Cheruvu Krishnaveni "On Bipolar Fuzzy Sub Ordered Gamma Near Rings", TEST Engineering & Management, May-June 2020, ISSN: 0193-4120, Page No. 2703 – 2710.
- Ravi Srinivasa Rao, Cheruvu Krishnaveni "On Quasi-regularity in Gamma Near-rings", Beitr Algebra Geom, ISSN 0138-4821, Nov 2018, Springer publications.
- Cheruvu Krishnaveni, *A note on technology in teaching and learning Mathematics*, Emerging Trends in Mathematics and Mathematics Education (an Anthology of National Conference papers), Duvvuri publications, A.P., May 2017, pages: 114-119, ISBN: 978-93-80693-88-0.
- Cheruvu Krishnaveni, *Near-module homomorphism defined over different near-rings*, International Journal of Mathematics and Computer Applications Research, Vol. 6, Issue 5, Oct 2016, pages: 13-22, ISSN (P): 2249-6955; ISSN (E): 2249-8060.
- K.Sujatha, S.Ragamayi, Cheruvu Krishnaveni, *On a theorem about generalized metric spaces*, International Journal of Mathematical Archive-7(6), 2016, pages: 111-113, ISSN: 2229-5046.
- Ravi Srinivasa Rao, Cheruvu Krishnaveni, K.J.Lakshmi Narayana, *An Ideal-Hereditary Radical for LP-Near-Rings*, Bulletin of Calcutta Mathematical Society, Vol.108, No. 4, (2016), pages: 251-258, ISSN: 00080659.
- Ravi Srinivasa Rao, Cheruvu Krishnaveni, K.J.Lakshmi Narayana, *Special Jacobson Radicals for Near-Rings*, Southeast Asian Bulletin of Mathematics (2016) 40, pages: 289-298, ISSN: 0129-2021.
- Cheruvu Krishnaveni, *Divine hearts bear no grudges*, Women in Mathematics with special reference to Lilavati (an Anthology of National Seminar papers), Duvvuri publications, A.P., June 2015, pages: 14-20, ISBN: 978-93-80693-46-0.

- Ramakrishna, Cheruvu Krishnaveni, *Embedding a near-ring in a near-ring of right fractions - A new construction*, Mathematical Sciences International Research Journal, volume-4, issue-2, 2015, pages: 450-452, ISSN: 2278-8697.
- Cheruvu Krishnaveni, *E-education: Innovative teaching and learning mechanism*, published in the book, 'Perspectives on quality enhancement in higher education', Serials Publications, New Delhi, 2012, pages: 55-65, ISBN: 978-81-8387-536-3.
- Ravi Srinivasa Rao, Cheruvu Krishnaveni, K.Siva Prasad, *Special Classes of Right Near-Ring Right Modules*, Mathematica Pannonica, 22/1 (2011), pages: 95-112, ISSN: 0865-2090.

### **Papers Presented in Seminars / Conferences**

- Participated and presented a paper on "On Near-Module Homomorphisms" in Three day National conference on 'Recent advances in Mathematics & XXVII Congress of APTSMS organized by the department of Mathematics, Maris Stella College during 8<sup>th</sup>-10<sup>th</sup> Dec 2018.
- Participated and presented a paper on "A note on technology in teaching and learning mathematics" in NBHM sponsored two day national conference on emerging trends in Mathematics and Mathematics Education organized by the department of Mathematics, Maris Stella College, Vijayawada, during 17<sup>th</sup> -18<sup>th</sup>, Feb 2017.
- Participated and presented a paper on "An ideal hereditary radical for LP-Near-rings" in the 81<sup>st</sup> Annual Conference of the IMS, organized by VNIT, Nagpur, during 27<sup>th</sup> -30<sup>th</sup>, DEC 2015.
- Participated and presented a paper on "Embedding a near-ring in a near-ring of right fractions- A new construction" in ICM-2015, international conference on mathematics, organized by the department of Mathematics, University of Kerala, Trivandrum, during 26<sup>th</sup> -28<sup>th</sup> Nov 2015.
- Participated and presented a paper on "Divine hearts bear no grudges" in NBHM sponsored two-day national conference on "Women in mathematics with special reference to Lilavati" organized by the department of Mathematics, Maris Stella College, Vijayawada, during 20<sup>th</sup> & 21<sup>st</sup> Feb 2015.
- Participated and presented a paper on "E-education: Innovative Teaching and Learning Mechanism" in NAAC sponsored two day National conference on "Innovative techniques towards quality enhancement in higher education: The role of stakeholders" organized by Maris Stella College, Vijayawada, during 29<sup>th</sup> -3<sup>rd</sup> July 2011.
- Participated and presented a paper on "Special Classes of Right Near-ring Right Modules" in 76<sup>th</sup> Annual National Conference of The IMS organized by SVNIT, Surat, Gujarat, during 27<sup>th</sup> – 30<sup>th</sup> Dec 2010.

### **Membership in professional bodies**

- Member of PG Board of Studies for Mathematics, Applied Mathematics and Statistics, Krishna University, Machilipatnam, Andhra Pradesh, 2020-22
- Subject Expert, Board of Studies in Mathematics, Sir. C.R. Reddy College, Eluru, 2019-21
- Academic Adviser, Academic and Administrative Audit, Commissionerate of Collegiate Education, Andhra Pradesh
- Member of Board of Studies in Mathematics, Parvathaneni Brahmayya Siddhartha College of Arts and Science, Vijayawada, 2013-15
- Life member of Indian Mathematical Society, IMS
- Life member of Association for Improvement of Mathematics Education, AIMEd