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**Name :** Dr I Rachana Kumari  
**Department:** Genetics & Biotechnology  
**Designation:** Assistant Professor  
**Qualifications:** M Sc, Ph.D  
CSIR-UGC(NET)  
**Teaching experience:** 15 yrs  
**Areas of Interest:** Human Genetics

#### ❖ Publications:

##### National:

1. Padma, A. S., Babu, N. C., Rajani, D., Mini, G. S., & Kumari, I. R. (2020). Protective measures taken up by the College for conducting examinations during COVID-19 pandemic: A Satisfaction survey from students and staff. *Indian J Community Health*, 32(4), 727-730.
2. Kumari, I. R., Shravani R., Rahul, Andharia., Pujitha, M and Mounika PVNS (2019) A comprehensive analysis of Fingerprints., *Engineering Sciences International Research Journal, Biannual 7*, Spl Issue print( ISSN 2320-43389) Dec, 26-31 print ISSN 2320-43389
3. Kumari, I. R & Chaitanya , G.( 2020), Epigenetic- miRNA regulatory network in Alzheimer's disease., *Advances in Science, Technology, Commerce and Management, Jupiter publication Consortium, Chennai. TN. www.jpc.in.net.*

#### ❖ Papers Presented:

1. Epigenetic- miRNA regulatory network in Alzheimer's disease. Dr I Rachana Kumari & G Chaitanya, National E-Conference on Advances in Science, Technology, Commerce and Management Date: 29<sup>th</sup> - 31<sup>st</sup> July, 2020 conducted by Aurora's Degree and PG college, Chikkadpally, Hyd.

2. A comprehensive analysis of Fingerprints. Rachana Kumari I, Shravani R, Rahul Andharia, Pujitha M and PVNS Mounika, Proceedings of the International Conference on Innovations and Applications in Basic & Applied Sciences for Sustainable Development-2019. Organized by St Pious X Degree & PG College for women, Nacharam, Hyderabad in Collaboration With IMRF, India on 6<sup>th</sup> -7<sup>th</sup> December, 2019.

#### ◆ Invited Guest Lectures:

1. Delivered a lecture at National workshop on CSIR-UGC-NET-JRF/LS. Preparation in life sciences Part 4. 19<sup>th</sup> - 21<sup>st</sup> September, 2020 <https://youtu.be/42MEOc-tnUY> Botany 4U. Title: Fine structure analysis of the Gene.
2. Delivered a lecture at Three-day National workshop on CSIR-UGC-NET-JRF/LS. Preparation in life sciences Part 2 Title: Basics of Molecular Biology, 17<sup>th</sup>-19<sup>th</sup> August, 2020 <https://youtu.be/WI3-LIc316o> Botany 4U.
3. Invited as Guest speaker, Title: DNA Fingerprinting, Undergraduate students, Date: 22 July, 2019, Little Flower Degree College, Uppal, Hyderabad.

#### ◆ Workshops/ Refresher courses /Training programs Attended:

1. Workshop on Molecular Techniques conducted by Loyola Academy, Dept. of Biotechnology on 13<sup>th</sup> and 14<sup>th</sup> March 2020.
2. Workshop on Research Based Pedagogical Tools Department of Science and Technology(DST), Govt. of India and organized by the centre for Excellence in Science and Mathematics Education at Indian Institute of Science Education and research(IISER), Pune (supported by MHRD, Govt of India) and Bhavan's Vivekananda College, Secunderabad.

#### ◆ Consultancy:

**Certificate Course** in Clinical Genetics: Diagnostics and management online Platform- Skype for Institute of Genetics & Hospital for Genetic Diseases, Osmania University, Begumpet, Hyd Date: 14<sup>th</sup> Sept - 1<sup>st</sup> Oct, 2020.

#### Membership of Professional Bodies:

Member of National Teachers Organization in Life Sciences (NTOILS) for session 2020-21

**Any other :** Establishment of Training Centre on Clinical Genetics to enhance the Potential of Pre and Post-natal Diagnostics, DBT, Collaboration With Institute of Genetics & Hospital for Genetic diseases, Begumpet, Hyderabad. September 2020. (Under consideration)

