**Curriculum Vitae**

**Dr. Rohini Chintha**

Assistant Professor (C)

Department of Genetics & Biotechnology

Email Address: [rohinichintha@gmail.com](mailto:rohinichintha@gmail.com)

[www.popscicles.com](http://www.popscicles.com)

<https://www.youtube.com/rohinichintha>

<https://www.facebook.com/popsciclesforkids>

Founder, Pop-Sci-Cles (Popular Science and common tales), 2019.

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| Name | Dr. Rohini Chintha | A person in a white shirt  Description automatically generated with medium confidence |
| Father’s Name | Venkata Ramana Murthy Chintha |
| Mother’s Name | Seetha Chintha |
| Academic Qualification | MSc, PhD |
| Designation | Assistant Professor (C) |

**Academic Record**

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| Course/Degree | Class Obtained | Year | School/College | % |
| ICSE | First | 1994 | St. Joseph's Convent School, Kakinada | 68.3 |
| Intermediate | First | 1996 | Sri Chaitanya Junior College, Vijayawada | 82 |
| BSc | First | 1999 | Shadan Degree College, Hyderabad | 69 |
| MSc | First | 2002 | Oxford College, Bangalore | 78.8 |
| PhD | - | 2007 | Osmania University |  |
| **Other** | | | | |
| DCA | First | 2000 | Intel Computer center, Hyderabad | 80 |
| Universal Certification in Forensic Science and DNA Fingerprinting | First | 2015 | IFS, Pune |  |

**Professional Particulars**

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| Specialization | Medical Biotechnology |
| Teaching Experience | **11 Years**  2003-04 UCW, Hyderabad  2010-11 University of Hyderabad, Hyderabad  2012-present UCW, Hyderabad |
| Designation and Place of Work | Assistant Professor (C), UCW, Hyderabad |
| PhD Topic | Mitochondrial DNA Mutations in Human Tumors |

**Courses Attended**

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| # | Course Name | Duration ( Dates) | Place |
| 1 | Forensic Science and DNA fingerprinting | 1 year (2014-2015) | Online. IFS, Pune |
| 2 | Forensic Science and DNA fingerprinting Project | 30th June 2014 to 22nd July 2014 | APFSL (Andhra Pradesh Forensic Science Laboratory), Hyderabad |
| 3 | Climate change Course for Teachers of all Disciplines (FDP) | 4 months (December 2020 to March 2021) | Swayam Online course hosted by IISER, Pune |

**Awards for Excellence in Academics/Research/Teaching**

* Recipient of LTMT (Lady TATA memorial trust) Junior Research Fellowship 2004-2006
* **Young Scientist Award** for the year 2007, Dr. K V Rao Scientific Society, Hyderabad.
* ‘**Excellence in the field of Innovation**’, Award in 2019, K V Rao Scientific Society, Hyderabad and Electronic Arts, USA for ‘Using Storytelling as a means of **Science Communication**’.
* Featured as one of the **Indian Women in STEM** on 21st July, 21 by Lifeofscience
* Nominated as one of the teachers to represent India at Teachers COP, COP 26, 12th Oct 2021 and 30th Oct, 2021.

(CSIR UGC/NET/SET) Best Papers: None

**Administrative Assignments**

1. Executive Committee member, Science Communication, 2020-2022, Indian Women Scientists Association, Hyderabad.
2. Resource Person, ABHAY, CSIR-IICT, a Government of India Initiative 2020
3. Member, Research and Innovative Programme cell, UCW, 2014-2021
4. Member, IQAC, UCW 2014-2021
5. Member, Science club, Literary & Theatre Club, UCW
6. **Membership in Professional Bodies**
7. Life Member, Indian Women Scientists Association
8. Life Member, Dr. K V Rao Scientific Society, Hyderabad
9. **Membership in Other Bodies**

None

**Extension/ Outreach Activities**

1. **Outreach through Science Communication / Science Popularization through Science Stories**
2. **Founded POP-SCI-CLES (popular Science and common tales) in 2019 in an effort to communicate Science to both Science and Non-Science audiences of all ages.**

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| Published Works Repository | |
| Website | <https://www.popscicles.com> |
| Facebook | https://www.facebook.com/popsciclesforkids |
| YouTube | <https://www.youtube.com/rohinichintha> |

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| # | Activity | Title | Topic | Place | Date & Year |
| 1 | Science Communicator | Science Story Session | Science stories on ‘Differences between Animals and Humans; Formation of Earth, DNA’ | British Council, Hyderabad | 5th October, 2019 |
| 2 | Science Communicator | Science Story session | Science stories on ‘Rock Cycles; Shape of earth’ | British Council, Hyderabad | 9th November, 2019 |
| 3 | Science Communicator | Science Story session | Science stories on Rock Cycles, Different effects in Biology | Hobby Club, Punjagutta, Hyderabad | 14th November, 2019 |
| 4 | Guest of Honour |  | Best practices in Education | The Oxford Grammar School, Himayatnagar, Hyderabad | 7th December, 2019 |
| 5 | Science Communicator | Science story session | Science story on ‘Formation of Earth; Climate Change’ | Hyderabad Literaray festival, Hyderabad | 25th January, 2020 |
| 6 | Science Communicator | Science story session on the occasion of ‘National Science Day’ | Science stories on ‘Anandibai Joshi, Tessy Thomas, Evolution of trees’ | British Council, Hyderabad | 22nd February, 2020 |
| 7 | Science Communicator | Science story session on the occasion of ‘National Science Day’ in association with IWSA, Hyderabad Chapter and KVRSS | Science stories on Formation of Earth and Rock cycles | Government High School, Ameerpet, Hyderabad &  Little Scholars School, Sanath Nagar, Hyderabad | 28th February, 2020 |
| 8 | Interaction as Science Communicator |  | Interactive dialogue on Storytelling in Science | i-Wonder, Azim Premji University | 9th September, 2020 |
| 9 | Host / Organizer and Science Communicator | Two day Children’s Science Fest on the occasion of Children’s day | day 1. Children in conversation with a Scientist - Prof. L.S. Shashidhara, President, IUBS, Dean of Research, Ashoka University.  day2: Science stories  on the occasion of ‘Children’s Day by Rohini Chintha | Virtual/Zoom meet: | 14th & 15th November, 2020 |
| 10 | Science Communicator | Science story session | Story on ‘Why trees are green’. | Virtual/Zoom meet  Hobby Club, Punjagutta, Hyderabad | 21st November,2020 |
| 11 | A conversation with a Scientist on the occasion of ‘National Science Day’, 2021 | National Science Day, 2021 | Host/Organizer | Virtual/zoom meet  Children’s interaction with Dr. Ajay Gaur. | 27th February, 2021 |
| 12 | Science Communicator | Science story Sessions (English and Telugu) | English: ‘Why tress are green?’  Telugu: ‘Shape of earth’ | Hyderabad Literary Festival,2021 | 23rd & 24th January, 2021 |
| 13 | Science Communicator | Science stories on the occasion of National Science Day, 2021 in association with IWSA, Hyderabad Chapter and KVRSS | Formation of earth and Shape of earth | Online. Sloka School, Manikonda, Hyderabad | 26th February, 2021 |
| 14 | Science Communicator | Science stories on the occasion of ‘National Science Day’,2021 | ‘Tools of Science-Compass’ | Virtual Session. Hobby club Punjagutta, Hyderabad | 26th February, 2021 |
| 15 | Science Communicator | Science stories on the occasion of National Science Day, 2021 | ‘Evolution of Earth’ and ‘Differences between animals and Humans’ | Virtual Session. The Bookshelf Library, Vidyanagar, Chotu ki Education, kukatpally, Hyderabad | 27th February, 2021 |
| 16 | Science Communicator/Screenplay writer | Science Animation Video | Antibiotic resistance with Super heroes against Superbugs- a CSIR-CCMB Jigyasa initiative | CSIR-CCMB Jigyasa | April, 2021 |
| 17 | Science Communicator | Climate Change Awareness | Thirty days of thrifty Carbon - a Carbon footprint reduction initiative | Popscicles | 12th April – 13th May, 2021 |
| 18 | Organizer | Reading habit inculcation | 10 books in thirty days- A reading Challenge | Popscicles | 19th May – 18th June, 2021 |
| 19 | Science Communicator/Resource person | Science Story Session | Science stories on ‘Tamarind and Nature Conservation’ | The Oxford Grammar School, Hyderabad | 24th June, 2021 |
| 20 | Science Communicator | Awareness on Climate Science and Human Impact on Climate | 30 days of 2-minute snippets on Climate Science | Popscicles | 20th July – 18th August, 2021 |
| 21 | Science Communicator | Oakridge Inspireon | How living cells work | Oakridge International School, Hyderabad. | 29th oct, 21 |
| 22 | Science Communicator | World Science Day lecture | What is common between a rose, a horse and us. | Hobby club, Hyderabad | 18th Nov, 21 |

1. **As Resource Person/Delegate/Guest Faculty**

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| # | Capacity | Title | Topic | Place | Date |
| 1 | Guest Lecture |  | ‘HLA in Organ Transplantation’ | Loyola Degree and P.G College | 12th March, 2016 |
| 2 | Guest Lecture |  | ‘HLA in Organ Transplantation’ | Loyola Degree and P.G College | 4th February, 2017 |
| 3 | Resource person | Resurgence, 2019-A literary Session | Guest talk - Folk Stories, Telugu  Judge- Story Contest | Sri Sai Degree College, Dilshuknagar, Hyderabad | 1st March, 2019 |
| 4 | Resource person | Two Day Whole body Communication Workshop in Summer Camp for Rural Children | Guest talk and hands on training on Communication skills | TTWREIS, Medchal. Government of Telangana State | 28th & 29th March, 2019 |
| 5 | Resource Person | Student Induction Programme | Importance of Effective Communication Skills | Sri Sai Degree College, Dilshuknagar, Hyderabad | July, 2019 |
| 6 | Resource Person/Delegate | Memory Building folktales | Traditional Telugu Folktales | Hyderabad Literary Festival, Hyderabad | 24th January, 2020 |
| 7 | Resource Person | Resurgence - Literature festival, 2020 | Stories on Science and Mathematics | Sri Sai Degree College, Dilshuknagar, Hyderabad | 14th February, 2020 |
| 8 | Organizer |  | Talk on National Education Policy,2020 by Prof.L.S.Shashidhara | Zoom meet by Popscicles | 28th June,21 |

**Publications**

1. **Articles Published**

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| --- | --- | --- | --- | --- |
| # | Name of the Journal | Title of the Article | Vol. No. & Date of Issue (ISSN) | Page Number |
| 1 | Indian J Cancer | Mitochondria and Tumours: A New Perspective. | 50, 2013; (0019-509X) | 206-13 |

1. **Science Story Articles Published as OUTREACH activity**

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| --- | --- | --- | --- | --- |
| # | Name of the Magazine | Title of the Article | Vol. No. & Date of Issue (ISSN) | Page Number |
| 1 | iWonder Science Magazine, Azim Premji Foundation | LUCA Version 4.0 | Issue 1, August 2018 (2582-1636) | Booklet |
| 2 | iWonder Science Magazine, Azim Premji Foundation | Discovering the Helical Staircase | Issue 2, January 2019  (2582-1636) | Pg 60 - 67 |
| 3 | iWonder Science Magazine, Azim Premji Foundation | Mona or Monu | Issue 4, May 2020  (2582-1636) | Booklet |

1. **Papers presented in International / National Seminars / Conferences / Workshops Attended**

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| # | Conferences/ Seminars/  Workshops | Title | Paper Presented | Venue | Year |
| 1 | Two Day Training Programme |  |  | Bangalore Genei Pvt Ltd | 9th & 10th March, 2002 |
| 2 | Three Day Workshop |  | Biomarkers for risk assessment of environmental pollution | EPTRI, Hyderabad | 9th-11th July 2003 |
| 3 | Three Day Symposium | international Symposium on “Human Genomics and Public Health” and XXXI Annual Conference of Indian Society of Human Genetics | Role of mitochondrial cytochrome b- nd6 region in proliferating haemangioma - A novel study | Jawaharlal Nehru University, New Delhi | 27th February – 1st March 2006 |
| 4 | Four Day International Conference | 11th International Congress of Human Genetics (ICHG-2006) | Role of mitochondrial ATPase 8 gene in proliferating Haemangioma | Brisbane, Australia | 6th-10th August, 2006 |
| 5 | Three Day International Conference | INDO-US workshop on “Mitochondrial Research and Medicine | Role of mitochondrial OXPHOS genes in proliferating haemangioma | CCMB, Hyderabad | 22nd-24th January, 2007 |
| 6 | Three Day International Symposium | International Symposium on “Deconstructing Human Diseases: The genomic advantage” and XXXII Annual Conference of Indian Society of Human | Role of mitochondrial OXPHOS genes in human benign and malignant tumors | IICB, Kolkata | 14th-16th February, 2007 |
| 7 |  | International Symposium on Genomic instability and Cancer | Role of mitochondrial OXPHOS genes in Breast Tumors | Kashmir University, Srinagar | 22nd-26th July, 2007 |
| 8 | Two Day Workshop  . | Teach Teacher training | Made Lesson Plans and performed Experiments | Royal Society of Chemistry, Hyderabad. | 27th & 28th August, 2016 |
| 9 | Two Day National seminar | ‘Pulse-2016: Innovative approaches for sustainability in production and promotion of utilization’ | ‘Impact of Bt-Cotton on production of Pulse crops- A survey’ | UCW, Koti, Hyderabad | 21st & 22nd October, 2016. |
| 10 | Five Day Workshop | **Science Communication’** workshop | Presented Two oral talks on ‘DNA Fingerprinting’ | British Council and Fame lab, Thiruvanathapuram, Kerala | 27th Nov - 1st Dec, 2016 |
| 11 | Four Day Workshop | Research based Pedagogical tools for teachers’ |  | MHRD, British Council, Newton Bhabha and IISER, Pune | 26th February - 1st March, 2017 |
| 12 | Two Day National Conference | National Conference on Molecular Insights in Genetics and Biotechnology-Emerging Trends and Future Prospects. | Gene Replacement Therapy for prevention of Inherited Mitochondrial Diseases-A case Review. | Osmania University, Hyderabad. | 27th and 28th February, 2017 |
| 13 | Four Day International conference | Integrative Biology and Applied Sciences (ICIBAG-2018) | Lentivirus as the gene delivery system-Beta Thallassemia | Department of Genetics and Biotechnology, O.U, Hyderabad | 15th - 18th March, 2018 |
| 14 | Four Day International conference | Integrative Biology and Applied Sciences (ICIBAG-2018) | Wharton’s Jelly stem cells in the treatment of Cataract-A review | Department of Genetics and Biotechnology, O.U, Hyderabad | 15th - 18th March, 2018 |
| 15 | Two Day International Conference | Emerging trends in Spectroscopic techniques and applications |  | Department of Chemistry, UCW, Koti | December 2018 |
| 16 | Two Day Workshop | Botanical Illustrations for teachers |  | State Museum of Archeology, Government of Telangana | 11th & 12th March, 2019 |
| 17 | Two Day National Workshop | Intellectual Property Rights (IPR) and Industry-Academia Interface |  | Department of Chemistry, UCW, Koti, Hyderabad | 25th & 26th September, 2019 |
| 18 | Two Day National Conference | Current Status and Future Prospects of Biotechnology |  | Department of Biotechnology, Nizam’s College, Hyderabad | 15th & 16th November, 2019 |
| 19 | Four Day Workshop | Department of Genetics and Biotechnology in collaboration with ProBiotechnica |  | University College for women, Hyderabad |  |
| 20 | Scientifically Speaking webinar Series |  | Living Matter and Matter brought to life | Ashoka University | 28th July, 2020 |
| 21 | Scientifically speaking webinar series |  | Move it with motor proteins | Ashoka University | 11th August,2020 |
| 22 | Scientifically speaking webinar series |  | Artificial Enzymes: Making molecules with a purpose | Ashoka University | 25th August,  2020 |
| 23 | Scientifically speaking webinar series |  | The Science of Computing: An entry into a new world | Ashoka University | 22nd September, 2020 |
| 24 | IUBS centenary lecture |  | In conversation with Prof. Ratan Lal,2020 World food prize laureate | India BioScience and IUBS | 2nd October, 2020 |
| 25 | Scientifically speaking webinar series |  | Selling Planet Earth: Re-Purposing Science communication for Sustainable Human Wellbeing | Ashoka University | 13th October, 2020 |
| 26 | Scientifically speaking webinar series |  | Better Living through ‘Greener’ chemistry | Ashoka University | 20th October, 2020 |
| 27 | IUBS centenary webinar | . | The Serengeti Rules: The regulation and restoration of Biodiversity by Sean Carroll. | India Bioscience and IUBS | 10th March, 2021 |
| 28 | IUBS Centenary webinar |  | Gombe and Beyond by Jane Goodall | India Bioscience and IUBS | 27th April, 2021 |
| 29 | Inspire Lecture Series |  | Darwin and the Descent of Woman by Prof. Dame Gillian Beer | Ashoka University | 15th June, 2021 |
| 30 | Knowledge Webinar |  | Importance of Networking - a Panel discussion for undergraduate educators | India Bioscience | 24th June,21 |
| 31 | Distinguished Lecture Series |  | Why RNA? by Nobel laureate Jack W Szostak | Trivedi School of BioScience | 30th June, 2021 |
| 32 | Diabetes Storytelling Lab |  | Storyteller | Dalberg Media, World Diabetes Foundation | 25th Sep, 21 to 17th Oct, 21 |

1. **Organization of Seminars/Courses/Workshops/Conferences**

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| # | Conferences / Seminars / Workshops / Courses | Session | Position | Title | Year |
| 1 | One Awareness Camp |  | Organizing Member | “Good Health Maintenance of Women” | 14th August, 2012 |
| 2 | One Day Seminar |  | Organizing Member | ‘Scope of Agribusiness in India’ from Symbiosis, Pune | 23rd August, 2013 |
| 3 | Two- One Day Faculty Development Workshop in association with Indigenes Biotechnologies, Hyderabad. |  | Organizing Member | Molecular Biotechnology and Bioinformatics | 26th & 27th June, 2014 |
| 4 | Charity Fete |  | Organizing Member |  | 13th August, 2014 |
| 5 | Two Day UGC sponsored National Conference |  | Organizing Member,  Rapporteur | ‘New Frontiers in Bio-technology Prospects and Challenges’ | 29th & 30th  January, 2015 |
| 6 | One Day Workshop at UCW, Koti, Hyderabad. |  | Organizing Member | “Entrepreneurship Development and Funding Opportunities in Life Sciences” | 3rd February, 2016 |
| 7 | Awareness Camp  Dept. of Genetics & Biotechnology; Food & Nutrition |  | Organizing Member | “Awareness camp for Anemia and Genetic Disorders” | 11th August, 2016 |
| 8 | One Day Symposium |  | Organizing Member | “Trends in Forensic Biotechnology” | 19th October, 2016 |
| 9 | One Day workshop |  | Organizing Member,  Rapporteur | ‘Women and Security’ | 2nd December, 2015 |
| 10 | Two Day Workshop |  | Organizing Member | ‘Android Applications Development’ | 8th and 9th December, 2015 |
| 11 | One Day Awareness Programme |  | Organizing Member | Save oil and Gas conservation fortnight | 23rd January, 2016 |
| 12 | Two Day Workshop |  | Organizing Member | UGC-sponsored National Workshop on ‘Developing digital libraries’ using D space 5.2 | 5th and 6th February, 2016 |
| 13 | One Day Awareness Programme |  | Organizing Member | Food Safety | 16th February, 2016 |
| 14 | Innovative Learning Programmes |  | Organizing Member,  Rapporteur | Talk to the Scholar | 8th & 9th February, 2016 |
| 15 | Science Day Celebrations |  | Organizing Member,  Rapporteur | National Science Day-2016: A Focus on Science and Technology catalyzed innovations | 29th February, 2016 |
| 16 | One Day Awareness programme |  | Organizing Member | Consumer Fest | 10th March, 2016 |
| 17 | One Week training programme |  | Organizing Member | Fruit Preservation | 16th - 23rd April, 2016 |
| 18 | Intercollegiate Competition |  | Organizing Member | Intercollegiate competitions of pulse/legume recipes | 13th July, 2016 |
| 19 | Two Day Workshop |  | Organizing Member | 3D Game designing | 19th & 20th August, 2016 |
| 20 | One Day Awareness Camp |  | Organizing Member,  Rapporteur | Production and Utilization of pulses, at Panyala Village |  |
| 21 | Two Day Seminar |  | Organizing Member,  Rapporteur | Pulse-2016: Innovation approaches for sustainability in production and promotion of utilization | 21st & 22nd October, 2016 |
| 22 | Two Day Workshop |  | Organizing Member,  Rapporteur | Critical Thinking and Inquiry for Teachers | 20th & 21st January, 2017 |
| 23 | Lecture |  | Organizing Member | One day guest lecture by Dr. Jorge Beltramini, Queensland University, Brisbane, Australia | 31st January, 2016 |
| 24 | Science Day |  | Organizing Member,  Rapporteur | National Science Day, 2017 | 23rd February, 2017 |
| 25 | One Day National Seminar |  | Organizing Member,  Rapporteur | Inspiring Women Achievers: Multifacets of Women | 24th April, 2017 |
| 26 | Two Day Seminar |  | Organizing Member,  Rapporteur | IQAC Seminar |  |
| 27 | One Day Seminar |  | Organizing Member,  Rapporteur | ‘Environmental Biotechnology- Sustainable approach to protect Nature’, Department of Genetics and Biotechnology, UCW, Koti | 15th September, 2018 |
| 28 | One Day Seminar |  | Organizing Member,  Rapporteur | ‘Scopes in Life Sciences’ | 31st Oct, 2018 |
| 29 | National Science Day |  | Organizing Member | Department of Genetics and Biotechnology, UCW, Koti | 28th February, 2019 |
| 30 | **Four Day workshop**  Department of Genetics and Biotechnology in collaboration with ProBiotechnica |  | Resource Person | “**Bioinformatic Tools**” | 18th -21st June, 2019 |
| 31 | XIV Triennial  National  Conference |  | Rappoteur | Indian Women  Scientists  Association; ICMR, National  Institute of  Nutrition,  Hyderabad | 11th – 13th  December,  2019 |
| 32 | One Day webinar on Clinical Awareness and Biotechnological interventions to combat COVID-19 |  | Organizing Member | UCW, Koti, Hyderabad | 19th June, 2021 |
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