



ADHARAPURAPU CHANDI SRAVANTHI

Assistant Professor in Mathematics

<https://vidwan.inflibnet.ac.in/profile/74623>

Born

04-08-1988

Family

Father : Raghavendra Rao

Mother: Anjani

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Languages

Telugu

Hindi

English

Hobbies

Reading Books

Hand Crafts, Dancing

Area of Interest

Mathematical Modeling

Research Training Programs: 1

**Research Reviews and
conference proceedings
published : 14**

Participation

No of Seminars : 32

No. of Workshops : 14

No. of Conferences : 6

No. of FDPs : 17

International Symposium : 1

What Next

Contribute Something to my
country in my field of
Mathematics

Inspiration

- Srinivasa Ramanujan Ayyangar
- Dr A.P.J.Abdul Kalam

EDUCATIONAL QUALIFICATIONS:

- MSc(Applied Mathematics), 2008-2010, First class,
Ideal College of Arts & Sciences (A), Kakinada.
- BSc (Mathematics, Physics, Computer Science), 2005-2008, First class,
Aditya Women Degree College, Kakinada.
- Intermediate, 2003-2005, First class,
Narayana junior college, Kakinada.
- SSC, 2002-2003 , First class,
P.R.G.G. High School, Salipeta, Kakinada.

TECHNICAL PROFICIENCY:

Languages : C, C++, Oracle, Visual Basic

Office Package : Microsoft Office

Operating system : Windows 98/ XP.

Software : MATLAB

PERSONAL SKILLS:

- Good communication skills
- Hard Working Nature
- Experience in teaching
- Excellent talkative power

TEACHING EXPERIENCE:

- One years of experience teaching regular and special education Narayana
IIT School, Kakinada.
- Ten years of experience as a mathematics lecturer in Ideal College of Arts
& Sciences, Kakinada (still working), for Under Graduation. (UG)
- Two years working experience as a guest faculty in Adikavi Nannaya
University, MSN campus, Kakinada, for Post-Graduation. (PG)

PROFESSIONAL EXPERIENCE:

- Conducting Student seminars.
- Active participation in organizing departmental and college activities.
- Act as a team member in curricular activities committee.
- Participation in maintaining campus discipline.
- Act as an associate guide in student project works.
- Experience in doing departmental works.

SEMINARS ATTENDED

1. Participated in Two **day National seminar** on “**Innovations in teacher Education**”, organized by AdikaviNannaya university, rajahmundry from 28th to 29th April 2016.
2. Attended for **one day seminar** on “**Faculty Knowledge Program**” conducted by IBS, Hyderabad at Rajahmundry on 30-07-2016.
3. Participated in Two **day National seminar** on “**Recent trends in Mathematics & Statistics**”, organized Department of Mathematics, P.R.Govt college, Kakinada from 28th to 29th September 2016.
4. Attended Two day national seminar on “**Role of chemist for sustainable Environment**” on 13th and 14th December, 2017, organized by department of chemistry, KBN College, Vijayawada.
5. Attended ICSSR Sponsored Two- Day National Seminar “**GREEN ACCOUNTING - ISSUES and IMPLEMENTATION**” on 8th& 9th December, 2017 organized by Research Promotion and Monitoring Cell, KBN College, Vijayawada.
6. Participated in One day State Level seminar (UGC) on “**INTELLECTUAL PROPERTY RIGHTS & ENTREPRENEURSHIP**” on 29-01-2020, organized by Ideal college of arts and sciences (A), Kakinada

CONFERENCES ATTENDED

1. Attended National Conference on “**Emerging Research Trends in Pure and Applied Mathematics**”, during 29th -30th Aug, 2017 in the Department of Applied Mathematics, SPMVV, Tirupati.’
2. Attended for National Conference on “**Recent Advances in Mathematics and its Applications (NCRAMIA-17)**” in honour of Superannuation of Prof.S.V.K. Varma, Dept.Of Mathematics, Sri Venkateswara University at Tirupati on 29 Aug 2017.
3. Attended International Conference on “**Materials for Energy and Environmental Protection**” on 12th and 13th February, 2018 organized by Department of Physics, Chemistry & Electronics, CR Reddy College, Eluru, West Godavari.
4. Attended for **91st Annual Conference, All India Women’s Conference, New Delhi** organized by AIWC, Kakinada on 9th January, 2019 at Venkey Residency, Kakinada and submitted a paper on “ **Smt Durgabaideshmukh Life and her achievements**”.

WORKSHOPS ATTENDED

1. Participated in one **day UGC National workshop on** "Recent trends in teaching and learning Mathematical sciences", organized Department of Mathematics, S.K.B.R College, Amalapuram on 22-02-2017.
2. Attended two day Science Academies' Lecture Workshop on Fluid Mechanics ,on **4th & 5th October, 2018** organized by KBN college, Vijayawada.
3. Attended for Three Day Workshop on **Training of Teachers (TOT) for Student Induction Program (SIP)** organized by **University Grants Commission** (Under aegis of UGC Quality Mandate) **16th to 18th May 2019** at IIT Hyderabad, as a SIP coordinator.
4. Attended the "**Science Academics**" Lecture Workshop on "**Application of Quantum Mechanics to optics**" held at KBN college, Vijayawada during **1st ,2nd February 2019**.
5. Attended **Two day National workshop** on "**Role of women in social transformation In India since 1980**" on **12th & 13th February 2019** organized by S.K.S.D.Mahila Kalasala Degree & P.G, Thanuku
6. Attended one day **National workshop** on "**R Programming**" on **16-02-2019** organized by Department of mathematics & economics, ASD govt. Degree College for women, Kakinada.
7. One day National Workshop on "**Academia-industry Interface: Strategies and perspectives for Resource Management** on 05-09-2019, organizational Development (Under CPE-Financial Assistance to RUSA colleges, Phase-I)"
8. Attended in One day National Workshop on "**Matlab Applied Sciences**" on 19-09-2019, organized by Department of mathematics & Computer science, M.V.N JS & RVR college of arts & Sciences
9. One day Regional Workshop on "**Skill Development**" on 12-12-2019, sponsored by RUSA organized by Department of Chemistry, Sri Kandukuri Rajyalakshmi College for Women, Rajamahendravaram.

FACULTY DEVELOPMENT PROGRAMS

1. Attended UGC sponsored State Level Faculty Development Program on “ **Project Work in Mathematics**” on 27th October, 2017 organized by department of Mathematics and Statistics.
2. UGC sponsored one day Faculty Development Program on "**Massive open Online Courses(MOOCs) designing and creation**” on 07-02-2020, Organized by Department of home science . A.S.D Govt.Degree college for women (A), Kakinada
3. UGC sponsored one day Faculty Development Program on "**Intellectual Property Rights & Patent Laws: Technological Advances in Indian Perspective**" on 13-04-2020, Organized by Department of microbiology,A.S.D Govt.Degree college for women (A), Kakinada

PAPER PRESENTATIONS AND PUBLICATIONS

1. Presented a paper on “**Ancient methods in teaching**” at **Two day National seminar “Innovations in teacher Education**”, organized by AdikaviNannaya university , rajahmundry from 28th to 29th April 2016.
2. Presented a paper on “**Applications of differential equations in epidemiology**” at **Two day National seminar** on “Recent trends in Mathematics & Statistics”, organized Department of Mathematics, P.R.Govt college, Kakinada from 28th to 29th September 2016.
3. Presented following Papers for National Conference on Emerging Research Trends in Pure and Applied Mathematics, during 29th -30th Aug, 2017 in the Department of Applied Mathematics, SPMVV, Tirupati.

Mathematical Modeling in epidemiology

Mathematics and Society

Applications of mathematics in medicine

These papers are published in RJST journal.

ISSN : 2349-2988 (Online)

<http://rjstonline.com/AbstractView.aspx?PID=2017-9-3-8>

<https://rjstonline.com/AbstractView.aspx?PID=2017-9-4-8>

<http://rjstonline.com/AbstractView.aspx?PID=2017-9-3-21>

4. Presented following Papers National Conference on Recent Advances in Mathematics and its Applications (NCRAMIA-17) in honour of Superannuation of Prof.S.V.K. Varma, Dept.Of Mathematics, Sri Venkateswara University at Tirupati on 29 Aug 2017.

Mathematical Modeling in Botany

Mathematics in Magneto Hydrodynamics

5. Attended Two day national seminar on “ **Role of chemist for sustainable Environment**” on 13th and 14th December, 2017 organized by department of chemistry, KBN college, Vijayawada and presented a paper on “**Maintain environment sustainability by plantation**”

6. Attended ICSSR Sponsored Two- Day National Seminar “**GREEN ACCOUNTING - ISSUES and IMPLEMENTATION**” on 8th& 9th December, 2017 organized by Research Promotion and Monitoring Cell, KBN college, Vijayawada and presented a paper on “ **Ancient Methods for Maintain Green Accounting**”
7. Attended International Conference on “**Materials For Energy And Environmental Protection**” on 12th and 13th February, 2018 organized by Department of Physics, Chemistry & Electronics, CR Reddy College , Eluru, West Godavari and presented a paper on “ **Water waste management by sewage treatment**”
8. Published paper in RESEARCH REVIEW International Journal of Multidisciplinary on “**Status of Renewable Energy in India**”, JAN- 2019, Special Issue.
9. As a co author , published a paper on “ **The role of women in higher education in India**” with Department of physics as an interdisciplinary activity, in International Journal of Advance Research, Ideas and Innovations in Technology, www.IJARIIT.com , Volume- 5 Issue -3 May-June 2019
ISSN: 2454-132X
Impact Factor : 6.078
10. Participated in two day National seminar on “ Impact of COVID-19 on the migrant labour’s in India” on 26th and 27th Feb 2021 and presented papers in it. “**Theoretical approach to spread control of COVID-19 pandemic in India**” by A.Ch. Sravanthi, Guest faculty, I. Sai Deepika, II M.Sc and P.Akhila Tejaswi, II M.Sc. (Students)
The paper is published in “International Journal of Academic Research”
11. Published a paper “**MATHEMATICAL MODEL FOR THE SPREAD CONTROL OF NOVEL CORONA VIRUS**” in Proceedings of International Conference on Recent Advancements in Mathematics – 2021, organized by Department of Mathematics, Sacred heart college , Tirupattur , Tamilnadu on 9th and 10th April 2021.

ONLINE SEMINARS ATTENDED

S. No	Title of the Webinar/workshop/FDP/Seminar/conference	Mode Online /Offline	Organized by College/Institution	Dates
1.	participated in One day State Level seminar (UGC) on “Intellectual Property Rights & Entrepreneurship”	Offline	Organized by Ideal college of arts and sciences (A), Kakinada.	29-01-2020
2.	Three days online lecture series on Mathematical Modeling in Engineering and Industries	Online	Department of Mathematics, Sathyabama Institute of Science and Technology, Chennai	14-05-2020 to 16-05-2020
3.	One Day Webinar on " Therapeutic Applications of Ayurveda Naturopathy and Homoeopathy in Covid-19"	Online	Department of Botany , Adikavi Nannaya University, Rajamahendravaram, in association with Department of Ayush, Govt. Of andhra Pradesh.	15-05-2020
4.	One Day National Webinar on "Modern Scientists of India”	Online	organized by the Department of Zoology, Govt. Degree College, Ramannapet	15-05-2020
5.	Employability Enhancement Webinar Series titled Patent Professional - as a Career	Online	Organized by INTELLECTUAL PROPERTY RIGHTS CELL, BHARATHIDASAN UNIVERSITY TIRUCHIRAPALLI – 620 024	18-05-2020
6.	participated in the webinar on “ENVIRONMENTAL FORENSICS”	Online	organized by the Department of Environmental Biotechnology, School of Environmental Sciences, Bharathidasan University, Tiruchirappalli, Tamil Nadu, INDIA	19-05-2020 to 21-05-2020
7.	Webinar on “Use of online resources in teaching – learning process”	Online	Organised by Department of Chemistry, Uka Tarsadia University, Gujarat, through YouTube channel of Uka Tarsadia University. Dr Ajay	20-05-2020

			Semalty, University SWAYAM Coordinator; HNB Garhwal University (A Central University), Srinagar Garhwal, was the resource person for this webinar.	
8.	Webinar on " Analytics of Air Pollution"- COVID-19 pandemic	Online	Interdisciplinary Research Laboratory, University College of engineering, Bharathidasan Institute of Technology(BIT) campus, Anna University, Tiruchinapalli	21-05-2020
9.	National Webinar on Research Methodology	Online	jointly organised by SVD. Government Degree College(W), Nidadavole, West Godavari district, Andhra Pradesh and Khandesh Chapter of English Language Teachers' Association of India	21-05-2020
10.	Webinar on " CYBER SECURITY AWARENESS"	Online	Organized by the department of computer science in association with IQAC- Ch.S.St. Theresa's college for women(A) , Eluru	28-05-2020
11.	Webinar on "International women on picture today designing the furniture of work"	Online	organized by department of Commerce and management Saint Joseph College for women autonomous, Visakhapatnam Andhra Pradesh ,India	03-06-2020
12.	National webinar on " Creative writing of research proposals & articles"	Online	Organized by Department of Physics, Adikavi Nannaya University, Rajahmundry	04-06-2020
13.	National Webinar on Fuzzy Applications	Online	organized by PG & Research Department of Mathematics, ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE - 607001, TAMILNADU	18-06-2020
14.	International Webinar on "Pure and Applied Mathematics"	Online	organised by the department of Mathematics in association with	26-06-2020

			IQAC, MVN JS & RVR COLLEGE OF ARTS AND SCIENCES(A), Malkipuram	
15.	One day National Webinar on " Water Management"	Online	Organized by St.Aloysius Institute of Technology, JBP	27-06-2020
16.	Online webinar " Best Thing First"-Covid Lockdown Exit-"The New Normal" Action Plan	Online	Bannari Amman Institute of Technology	30-06-2020
17.	National Webinar on “ Matlab And Its Applications	Online	Aurora's Degree & P.G. College(A)	05-07-2020
18.	National Webinar on “Education In The Context Of Covid-19:Challenges & Innovations”	Online	Krishna University, Rudravaram, Andhra Pradesh	09-07-2020
19.	National Webinar on “Demonstration Of Online Educational Tools”	Online	Adikavi Nannaya University Rajamahendravaram	03-08-2020 To 04-08-2020
20.	National Webinar on “Fluid Dynamics From Mathematicians Viewpoint”	Online	School Of Science, Gitam (Deemed To Be University), Hyderabad	09-08-2020
21.	National Webinar on “Recent Trends And Applications Of Graph Theory”	Online	Organized By Government Degree College, Pitapuram	27-09-2020
22.	National Webinar on “Mathematics And It’s Applications & Ganitha Dasavadhanam”	Online	University College Of Sciences, Anu In Association With Department Of Basic Science & Humanities, University College Of Engineering, Anu Guntur, Andhra Pradesh	22-12-2020
23.	National Webinar on “Emerging Trends In Mathematical Sciences And Engineering Applications (Nemsea 2021)”	Online	University College Of Engineering, Adikavi Nannaya University, Rajamahendravaram	06-01-2021 To 07-01-2021
24.	National Webinar on “Real Analysis”	Online	Maris Stella College (A), Vijayawada	19-01-2021 To 20-01-2021
25.	National Webinar on “Research Methodology”	Online	Svd Govt Degree College(W), Nidadavole, West Godavari, Ap	21-05-2021
26.	Chemistry And Biology Of Natural Products	Online	Csir-Neist, Jorhat, Assam, India	10-09-2020

ONLINE WORKSHOPS ATTENDED

1.	Two day national online workshop on "ICT Tools for Teaching and Learning"	Online	Organized by the department of Electronics , K G R L college, Bhimavaram	15-05-2020 to 16-05-2020
2.	one day online workshop on future of financial research a transformation	Online	organised by department of management studies , Adikavi Nnnaya University , Rajahmundry	20-05-2020
3.	Role Of Artificial Intelligence In Industrial Autonomous And Agriculture	Online	Adikavi Nannaya University, M.S.N Campus, Kakinada	21-08-2020
4.	Artificial Intelligence In Drug Discovery	Online	Organized By CSIR-North East Institute Of Science And Technology, Jorhat	01-09-2020
5.	Ict Tools	Online	Organized By Commissionerate Of Collegiate Education, Vijayawada, Ap	11-04-2021

FACULTY DEVELOPMENT PROGRAMS

1	Two Day Online Faculty Development Programme on "CHEMICAL SAFETY AND ENVIRONMENTAL PROTECTION"	Online	organised by Department of Chemistry, Government College Autonomous, Rajahmundry, Andhra Pradesh, INDIA	18-05-2020 to 19-05-2020
2	participated and got through Test in One Week (Online) Faculty Development Programme on LaTeX & Technical Report Writing, 25 - 30 May, 2020	Online	organized by Department of Mathematics, Kakatiya University, Warangal, Telangana, in association with Spoken Tutorial, IIT Bombay	25-05-2020 to 30-05-2020
3	One week International Faculty Development Program on " Synergia to revitalise, Reform and refresh ourselves as agents to ensure quality Education	Online	Auxilium College(Autonomous) in association VIT-AP	01-06-2020 to 07-06-2020
4	one week International faculty development program on research Strategies and promotion of teaching learning process	Online	Organized by the department of English from bhara Institute of Engineering and Technology, Hyderabad ,Telangana	04-06-2020
5	National Webinar- One Day Faculty Development Programme on "Beauty and Ingenuity of Basic Concepts in Algebra"	Online	organised by Department of Mathematics, Government College Autonomous, Rajahmundry, Andhra Pradesh, INDIA	04-06-2020
6	Online week online International Faculty Development Program on " Importance of Mathematics in Science and Technology"	Online	Mathematics division of Department of Basic Sciences and Humanities, GMR Institute of Technology, Rajam, AP, India	25-06-2020 to 29-06-2020
7	Applications Of Mathematics In Science And Engineering	Online	Vishnu Institute Of Technology, Bhimavaram.	7-07-2020 To 11-07-2020
8	Advanced Excel With Data Visualization	Online	Iit Kanpur (A Joint Initiative Of Meity & Iit Kanpur).	31-05-2021 to 05-06-2021
9	Mathematics On The Theme Of "New Knowledge, Pedagogical Methods New Frontiers In Real Analysis, Abstract Algebra, Differential Equations And Calculus	Online	Organized By Cce, Ap, And Vijayawada.	13-07-2020 to 17-07-2021
10	Real Analysis	Online	Kakatiya University, Warangal, Telangana	05-09-2020 To 10-09-2020
11	Being A Super Teacher	Online	Bannari Amman Institute Of Technology.	06-06-2020 to 12-06-2020
12	Fuzzy Mathematics And Its Applications	Online	Government College Daman	13-07-2020
13	Rescent Advances In Mathematics & Statistics	Online	Githam , Visakhapatnam	03-08-2020 to 08-08-2020
14	Latex	Online	Auxilium College Of Arts & Sciences For Women, Regunathapuram	07-06-2021 to 12-06-2021

ONLINE CONFERENCES ATTENDED

1.	Indo-UK Virtual Conference ‘Current Innovations and the Future of Therapeutic Developments’ CIFTD-2020	Online	organized by Centre for Biomaterials Cellular & Molecular Theranostics (CBCMT) at Vellore Institute of Technology (VIT), Vellore, India and Swansea University, United Kingdom	01-06-2020 to 03-06-2020
2.	Xxix Congress Of Aptsms & National Conference On Mathematics And Its Applications(Ncma-2020)	Online	Mahatma Gandhi, University, Nalgonda, T.S	03-12-2020 to 05-12-2020
3.	International Conference on “ Recent Advancements in Mathematics (ICRAM-2021)	Online	Organized by the PG and Research Department of Mathematics, Sacred Heart College (Autonomous), Tirupathi	09-04-2021 and 10-04-2021

ONLINE RESEARCH TRAINING PROGRAM

1.	Csir- Summer Research Training Program 2020 (Online)	Online	Csir-Neist, Jorhat, Assam, India	01-06-2021 To 31-08-2021
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ONLINE INTERNATIONAL SYMPOSIUM

S. No	Title of the Webinar/workshop/FDP/Seminar/conference/Symposium	Mode Online /Offline	Organized by College/Institution	Dates
1.	participated in International Symposium on “ Mathematical Science And Their Applications : MSATA -2022”	Online	Organized by Department of applied Mathematics, Yogi Vemana University, Kadapa	28-01-2022 29-01-2022

ACHIEVEMENTS

- Have been selected for “**Advanced Thematic Programme - Dynamical Models in Ecological, Epidemiological Sciences and Engineering – Theory, Computations, and Real World Applications**” during **March 14-19, 2016** Organized by held at International Centre for Interdisciplinary Research and Innovation (INCIRI) , Stanley college of Engineering and Technology for Women, Hyderabad organized by **National Program on Differential Equations: Theory, Computation & Applications (NPDE-TCA)**, Department of Mathematics, IIT Bombay.

- Got Selected and Secured “**A**” grade in **CSIR SUMMER RESEARCH TRAINING PROGRAM 2020** Organized by **CSIR** and Submitted a project “**Assessment the Relationship between Nutrition And Biochemical Parameters Associated With Health Disorders And Immunological Disorders**” .