

## SIVARAM SURAPURAJU

**Department:** Basic Sciences and Humanities

**College:** Seshadri Rao Gudlavalluru Engineering College

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Vidwan:

**RESIDENTIAL ADDRESS:**

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Dno:10-255,Flat No:401,  
Dwaraka Apartment,  
Near Nagavarappadu Bridge,  
Eluru Road, Gudivada - 521301

**ACADEMIC QUALIFICATIONS:** M.Sc., B.Ed.

**ACADEMIC REWARDS / ACHIEVEMENTS:** NIL

**PROFESSIONAL EXPERIENCE:**

Designation	Institution	Period
Sr. Gr. Asst. Professor	SR Gudlavalluru Engineering College, Gudlavalluru	01-05-2007 to Till date
Asst. Professor	Gudlavalluru Engineering College, Gudlavalluru	09-09-2000 to 30-04-2007
Lecturer	Sadineni Chowdaraiah College of Arts and Science Maddirala, Guntur Dt.	18-08-1993 to 08-09-2000

**PROJECTS GUIDED:**

PhD	Post Graduation	Under Graduation
NIL	NIL	NIL

**SPECIALIZATION:** Operations Research

**RESEARCH PAPERS / BOOKS:** NIL

**BOOKS PUBLISHED IN PUBLICATIONS:** NIL

**RECENT PUBLICATIONS/CONFERENCES:**

International/ National Journals	International / National Conferences
04	02

1. S.Sivaram, An Optimal Modelling Wavelet Application for Ground Water Detection-A Programmatic Approach , International Journal of Engineering Research & Technology (IJERT) ,vol.10(1) ,page No 188-191,January 2021,
2. S.Sivaram, Laser Radar with Improved Software Reliability Factor , International Journal of Engineering Research & Technology (IJERT) ,vol.10(1) ,page No 255-270,January 2021,
3. S.Sivaram Radar Pulse Generation Example, International Journal of Engineering Research & Technology (IJERT) ,vol.10(1) ,page No 255-270,January 2021.
4. S.Sivaram “A Modified optimum designing of k-out-of-n Redundant System in the presence of Common-Cause Failures” published Journal of Pure and Applied Physics Vol.23. No.1, in 2011.
5. S.Sivaram,“A Modified optimum designing of k-out-of-n Redundant System in the presence of Common-Cause Failures” at National conference, Gudlalleru Engg. College, Gudlalleru from 18<sup>th</sup> to 20<sup>th</sup> January 2008 Sponsored by AICTE.
6. S.Sivaram,“Innovative Techniques in Business Environment” at International Conference,Coimbatore Institute of Technology, Coimbatore from 27<sup>th</sup> to 29<sup>th</sup> July 2006.

#### **LIST OF WORKSHOPS ORGANIZED:**

“OPTIMIZATION TECHNIQUES AND ITS APPLICATIONS” at Gudlalleru Engineering College, Gudlalleru on 13-09-2014.

APPLICATIONS OF MATHEMATICS IN ENGINEERING at Gudlalleru Engineering College, Gudlalleru from 09-11-2013 to 10-11-2013

3-DAY WORKSHOP ON "SCOPE OF SCIENCES AND MATHS IN ENGINEERING" at Gudlalleru Engineering College, Gudlalleru from 11-08-2011 to 13-08-2011.

“MATHEMATICAL TECHNIQUES” at Gudlalleru Engineering College, Gudlalleru on 1-12-2007

RECENT TRENDS IN MATHEMATICS APPLIED TO SCIENCE AND TECHNOLOGY at Gudlalleru Engineering College, Gudlalleru from 20-04-06 to 22-04-06

#### **LIST OF WORKSHOPS /SEMINARS ATTENDED:**

1. Participated in one day Faculty Development Programme on “DESIGN AND ANALYSIS OF EXPERIMENTS” organized by Dept. Of Mechanical Engineering, Gudlalleru Engineering College, Gudlalleru on 30<sup>th</sup> August,2019.
2. Participated in two day workshop on “New Trends on SQC, Reliability with R-Programming” organized by Dept. Of Statistics, Acharya Nagarjuna University ,Nagarjuna Nagar,Guntur from 30<sup>th</sup> to 31<sup>st</sup> January,2019.
3. Participated in Four day workshop on “Numerical Methods with Matlab” (Theory & Hands on Experience) organized by BS&H dept., Gudlalleru Engineering College, Gudlalleru, from 25–28 June 2018.
4. Three Day Faculty Development Programme on “Research Methodology” organized by Department of Business and Management Studies, Gudlalleru Engineering College, Gudlalleru, from 18- 20 December, 2017.
5. “A Five Day workshop on R Programming for Statistical Computations”, Part I,

organized by dept. of BS&H, Gudlalleru Engineering College, Gudlalleru, 24 – 25 June 2017.

6. Two day workshop on ““Multivariate Analysis using R-Software” Conducted by Gudlalleru Engineering College, Gudlalleru on 12<sup>th</sup> & 13<sup>th</sup> November, 2016.

7. One Day Workshop on “Fuzzy Mathematics in Engineering Control : An Example Oriented Treatise” Conducted by Gudlavalleru Engineering College, Gudlavalleru on 21<sup>st</sup> February, 2016.
8. Attended one week Faculty Development Program on “MATLAB APPLICATIONS IN MECHANICAL ENGINEERING” organized by department of Mechanical Engineering, Gudlavalleru Engineering College, Seshadri Rao Knowledge Village, Gudlavalleru – 521356, during 07<sup>th</sup> – 11<sup>th</sup> September 2015
9. .Attended in National Workshop on “Research Methodology and Data Analysis through SPSS”, organized by Department of Management Studies, Sri Vasavi Engineering College, Tadepalligudem during 23<sup>rd</sup> – 25<sup>th</sup> April, 2015.
10. Attended faculty development programme on “Real Time Engineering Applications of Mathematics” during 25<sup>th</sup> – 29<sup>th</sup> November 2014. organized by Dept. of Basic Science, Shri Vishnu Engg. College for women, Bhimavaram.
11. Attended One Day workshop on “Optimization Techniques and Its Applications” on 13<sup>th</sup> September, 2014 organized by Dept. of BS&H, Gudlavalleru Engg. College, Gudlavalleru.
12. Attended Two – Week ISTE workshop on “Signals & Systems” from 2<sup>nd</sup> to 12<sup>th</sup> January 2014 organized by IIT, Kharagpur at Gudlavalleru Engineering College, Gudlavalleru as Remote centre. This workshop was held under the National Mission on Education through ICT (MHRD).
13. Attended in State Level Two Day Workshop on “Applications of Mathematics in Engineering” (As per JNTUK R13 - Syllabi) from 09<sup>th</sup> & 10<sup>th</sup> November 2013 Organized by Gudlavalleru Engineering College, Gudlavalleru.
14. Attended Continueing education programme on “ Forecasting Techniques in Business and Industry, from 12<sup>th</sup> to 18<sup>th</sup> December 2005 at IIT Karagpur.
15. Attended workshop on “Recent Trends in Maths and Its Applications in Engineering” on 17<sup>th</sup> September, 2005 at KL College of Engg. Vaddeswaram.
16. Attended on STTP on Application oriented Maths Teaching Methodology, from 20<sup>th</sup> to 24<sup>th</sup> June 2005 at NIT Warangal.
17. Attended 13<sup>th</sup> Congress of APSMS, from 10<sup>th</sup> to 12<sup>th</sup> December 2004 at NIT, Warangal.
18. Attended Workshop and Seminar on “Optimization of risk modeling, 18<sup>th</sup> to 22<sup>nd</sup> 2003 at IIT Bombay.
19. Attended QIP on Instructional design & deliver, from 21<sup>st</sup> to 26<sup>th</sup> April 2003 at GEC, by TTTI Chennai.
20. Attended on “Optimization Methods for Engineering Design, from 5<sup>th</sup> to 10<sup>th</sup> March, 2002 at GITAM, Vizag.

**ONLINE FACULTY DEVELOPMENT PROGRAMME:**

1. Attended on “ Mathematical And Statistical Modelling ”,from 26<sup>th</sup> to 30<sup>th</sup> May,2020 organised by Godavari Institute of Engineering And Technology,Rajahmundry.
2. Attended on “ Multidisciplinary Approach towards Emerging Trends in Science & Humanities” , from 01<sup>st</sup> to 05<sup>th</sup> June,2020 organised by Ramachandra College of Engineering,Eluru.
3. Attended on “ The Strategies for Enhancing Professional Communication “, fro 08<sup>th</sup> to 09<sup>th</sup> June 2020 organised by RISE Group of Institutions ,Ongole.

### **WEBINARS:**

1. Attended on “Mathematical Modelling & Sample Size Determination in Research”, on 11<sup>th</sup> July 2020 organised by GITAM, Vizag.
2. Attended on “MATLAB and its Applications” on 5<sup>th</sup> July, 2020 organised by AURORA’s DEGREE & PG COLLEGE, Hyderabad.
3. Attended on “SIRD Model to Predict COVID-19 Outbreak in Tamilnadu, India” on 3<sup>rd</sup> July 2020 organised by Pondicherry University.
4. Attended on “Applications of Numerical Analysis in Mathematics” on 29<sup>th</sup> June 2020 organised by AURORA’s DEGREE & PG COLLEGE, Hyderabad.
5. Attended on “Consequences of Banach and Jungck Fixed Point Theorems” on 29<sup>th</sup> June, 2020 organised by Pullareddy Degree & P.G College, Hyderabad.
6. Attended on “14<sup>th</sup> National Statistics Day Celebrations-2020” on 29<sup>th</sup> June 2020 organised by AURORA’s DEGREE & PG COLLEGE, Hyderabad.
7. Attended on “Fascinating World of Mathematics And Its Applications To Blood Flows” on 27<sup>th</sup> June 2020 organised by P..B.Siddhartha College of Arts & Science, Vijayawada.
8. Attended on “Design Thinking For Innovation and Startups” on 25<sup>th</sup> June 2020 organised by Sri Venkateswara College Of Engineering And Technology, Etcherla, Srikakulam.
9. Attended on “Linear Algebra and its Applications” on 25<sup>th</sup> June 2020 organised by Osmania College, Kurnool.
10. Attended on “The Impact of COVID-19 On the Educational Institutions after Lockdown” on 16<sup>th</sup> June 2020 organised by Udisankara Group of Institutions, Gudur, Nellore Dist.
11. Attended on “Impact of COVID-19 in Engineering Education & Way forward” on 9<sup>th</sup> June 2020 organised by Gudlavalleru Engineering College, Gudlavalleru.
12. Attended on “Communicate with Confidence” on 4<sup>th</sup> June 2020 organised by Halapathi Institute of Technology, Guntur.
13. Attended on “Outcome Based Education Road-Map to E-Learning & Accreditation” on 29<sup>th</sup> May 2020 organised by Informatics Publishing Ltd., Bangalore.
14. Attended on “Virtual classroom Management using Microsoft Teams” on 11<sup>th</sup> May 2020 organised by Lakkireddy Balireddy College of Engineering, Mylavaram.

**CERTIFICATIONS: NIL**

**INDUSTRIAL TRAINING: NIL**

**GUEST LECTURES DELIVERED: NIL**

**MEMBERSHIP IN PROFESSIONAL BODIES: APSMS**

**CONSULTANCY ACTIVITIES: NIL**

**GRANTS FETCHED: NIL**