D K PAVAN KUMAR

Department: **Basic Sciences and Humanities**

College **:** **Seshadri Rao Gudlavalleru Engineering College**

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RESIDENTIAL ADDRESS:

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ACADEMIC QUALIFICATIONS : **M.Sc.,(Ph.D.)**

PROFESSIONAL EXPERIENCE :

Designation	Institution	Period
Sr. Gr. Asst. Professor	Gudlavalleru Engineering College, Gudlavalleru	21.09.2009 To Till Date
Asst. Professor	Gudlavalleru Engineering College, Gudlavalleru	23.08.2002 To 20.09.2009

PROJECTS GUIDED:

PhD	Post Graduation	Under Graduation
-	-	-

SPECIALIZATION : **Special functions & Graph Theory**

RESEARCH PAPERS / BOOKS : **02 Scopus**

RECENT PUBLICATIONS/CONFERENCES:

International / National Journals	International / National Conferences
02	

Recent Publications :

1. D. K. Pavan Kumar, Multiple eulerian integrals with modified multivariable I-function having general arguments, Journal of Interdisciplinary Mathematics, vol 26(1), page no 77-94, January (2023) **(SCOPUS)**. https://tarupublications.com/doi/10.47974/JIM-1649.
2. D. K. Pavan Kumar, Multiple Summation Formulae for the Modified Multivariable I-function, Journal of computational Analysis and Applications, vol 30(1), page no 165-175, January (2022) **(SCOPUS)**. http://www.eudoxuspress.com/images/JOCAAA-VOL-30---2022-ISSUE-1.pdf

International / National Conferences :

1. Presented a paper on "Solutions of a boundary value problem involving general class of polynomials , Struve's function and Pragathi-Satyanarayan's I – function" in the International Conference conducted by RASTEMS – 2023, Coimbatore, during 06 – 08 – October 2023.

2. Presented a paper on "Integral Transfroms Involving the product of General class of Polynomials, Struve's function and PSI-function of one variable" in the International Conference conducted by the Dept. of Mathematics, Acharya Nagarjuna University, Guntur, during 17 – 18 March, 2023.

3. Presented a paper on "Integral Transfroms of PSI-function of one variable" in the International Conference conducted by the Dept. of Mathematics, KL University, Vaddeswaram, during 09 – 10 December, 2022
4. Presented a paper on " An application of Mathematical cryptography to electronic resumes" at National conference conducted by department of Mathematics of Osmania University during March 30 – 31, 2010.
5. Presented a paper on "Solutions for optimized problems in Graph theory using integer programming" at international conference conducted by Amrita School of Engineering, Coimbatore during December11- 13, 2008.

LIST OF WORKSHOPS ORGANIZED:

1. RECENT TRENDS IN MATHEMATICS APPLIED TO SCIENCE AND TECHNOLOGY at Gudlavalleru Engineering College, Gudlavalleru from 20-04-06 to 22-04-06 "MATHEMATICAL TECHNIQUES" at Gudlavalleru Engineering College, Gudlavalleru on 1-12-2007

2. 3-DAY WORKSHOP ON "SCOPE OF SCIENCES AND MATHS IN ENGINEERING" at Gudlavalleru Engineering College, Gudlavalleru from 11-08-2011 to 13-08-2011.

3. APPLICATIONS OF MATHEMATICS IN ENGINEERING at Gudlavalleru Engineering College, Gudlavaleru from09-11-2013 to 10-11-2013
4. "OPTIMIZATION TECHNIQUES AND ITS APPLICATIONS" at Gudlavalleru Engineering College, Gudlavalleru on13-09-2014.

5. 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 07th – 11th September 2015.

LIST OF WORKSHOPS /SEMINARS ATTENDED:

1. Attended "Recent Trends in Mathematics Applied to Sciences and Technology" from 20th to 22nd April 2006 organized by Gudlavalleru Engineering College, Gudlavalleru.
2. Attended Short term course on "Instructional Design and Delivery" from 30th to 08th July 2006 organized by NITTTR, Chennai.
3. Attended "Recent Advances in Mathematics Applied in Engineering" from 6th to 8th May 2007 organized by Dept.of BS&H, Swarnandhra College of Engg. & Technology, Narsapur.
4. Attended Two day workshop on "Applications of Mathematics in Engineering" from 9th to 10th November 2013 organized by Gudlavalleru Engineering College, Gudlavalleru.
5. Attended Two – Week ISTE workshop on "Signals & Systems" from 2nd to 12th January, 2014 organized by IIT, Kharagpur.
6. Attended One Day workshop on "Optimization Techniques and Its Applications" on 13th September 2014. Organized by Dept. of BS&H, Gudlavalleru Engineering College, Gudlavalleru.
7. One Day Workshop on "Fuzzy Mathematics in Engineering Control : An Example Oriented Treatise" Conducted by Gudlavalleru Engineering College, Gudlavalleru on 21st February, 2016
8. Two day workshop on ""Multivariate Analysis using R-Software" Conducted by Gudlavalleru Engineering College, Gudlavalleru on 12th& 13th November, 2016.
9. "A Five - Day workshop on R-Programming for Statistical Computations", Part-I, organized by dept. of BS&H, Gudlavalleru Engineering College, Gudlavalleru, 24 – 25 June 2017.
10. Four day workshop on "Numerical Methods with Matlab" (Theory & Hands on Experience) organized by BS&H dept., Gudlavalleru Engineering College, Gudlavalleru, from 25–28 June 2018.

CERTIFICATIONS:

NPTEL

Timeline	Course Name	Assignment score out of 100
Jan-Mar 2020	Graph Theory	100

Timeline	Course Name	Final Score out of 100
Jan - Mar 2020	Graph Theory	93
Aug-Oct 2018	Introduction to Abstract and Linear Algebra	94
Aug-Sep 2018	Advanced Topics in Probability and Random Processes	78
Jul-Oct 2017	Constrained and unconstrained optimization	89
Jul-Sep 2017	Numerical methods	74
Jul-Sep 2017	Introduction to R Software	86

COURSERA

Jan – Mar 2019	Introduction to Programming with MATLAB	online non-credit course authorized by Vanderbilt University and offered throughCoursera

ONLINE WEBINARS

FDP

5 - DAY FDP **July 13 to 17, 2020**	ENGINEERING OPTIMIZATION (ICTO-96)	NITTTR, CHANDIGARH
7-DAY INTERNATIONAL FDP *01-06-20 TO 07-06-20*	MATHEMATICAL MODELLING IN MULTIDISCIPLINARY DOMAIN	BANNARI AMMAN INSTITUTE OF TECHNOLOGY
5-DAY FDP 26-05-20 TO 30-05-20	MATHEMATICAL AND STATISTICAL MODELLING	GODAVARI INSTITUTE OF ENGINEERING AND TECHNOLOGY
3 – DAY FDP	R PROGRAMMING LANGUAGE	SKSVMA COLLEGE OF ENGINEERING & TECHNOLOGY

INDUSTRIAL TRAINING: -

GUEST LECTURES DELIVERED: -

MEMBERSHIP IN PROFESSIONAL BODIES: APSMS
CONSULTANCY ACTIVITIES: -

GRANTS FETCHED: -