


# Dr. K. Gayathri Devi of H&S Department Publishes Textbook on Laplace Transforms and Their Applications


Dr. K. Gayathri Devi, faculty member of the Department of Humanities and Sciences, PVKK Institute of Technology, has successfully published a textbook titled “Laplace Transforms and Their Applications” through RG International Publications. The book is designed to provide students with a comprehensive understanding of Laplace Transforms and their significance in solving mathematical, engineering, and scientific problems. It presents the concepts in a clear and systematic manner, making it a valuable resource for both undergraduate and postgraduate students.

This publication reflects Dr. Gayathri Devi’s commitment to academic excellence, knowledge dissemination, and student-centered learning. The textbook serves as an important reference for learners seeking to strengthen their analytical and problem-solving skills through the study of transform techniques and their practical applications. The Department of Humanities and Sciences congratulates Dr. K. Gayathri Devi on this notable achievement and appreciates her contribution to the advancement of mathematics education and scholarly development.


**Details of Author**



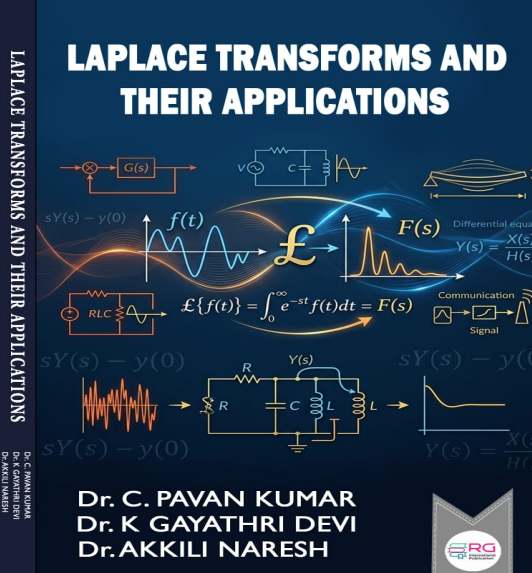
**Dr. C. PAVAN KUMAR**  
Dr. C. Pavan Kumar, Currently working as Associate Professor of Mathematics in the Department of Basic Sciences & Humanities, Vignana Institute of Technology and Science (Autonomous), Near Ramoji Film City, Dheeranikonda Village, Yaladi (Hemavathi) District, Tirumala. He completed Ph.D from Sri Krishnadevaraya University, Anantapuram in the year 2016 and has 14 years of academic and research experience. Prior to PhD, he had earned M.Phil in Mathematics from Sri Krishnadevaraya University, Anantapuram in the year 2013 and M.Sc. in Mathematics from Sri Krishnadevaraya University, Anantapuram in the year 2009. His research interests include Fluid dynamics, Heat and mass transfer. He has 6 publications, in various international journals.



**Dr. K. GAYATHRI DEVI**  
Dr. K. Gayathri Devi, Currently working as Associate Professor in the Department of Humanities & Sciences, PVKK Institute of Engineering and Technology, Anantapuram. She had completed Ph.D in Applied Mathematics from Sri Krishna Devaraya University, Anantapuram in the year 2018 and has 17 years of academic and research experience. Prior to PhD, she had M.Sc. in Mathematics from SSSRI Degree and PG college, SRI. Assistant in the year 2008 and B.Sc. in Mathematical sciences with B.Ed (Basic Sciences) from SRU Anantapur in the year 2007. Her research and development include application of Finite Elementary methods in Fluid Dynamics and various fields like logical systems, embedded systems and applications in different areas of Data structures, Machine Learning and data analysis. She has around 10 publications in national and international journals, scopus journals and conferences on various applications. She has attended more than 150 fests in several fields and has served as a HOD of sciences in the degree college. Student supporting member, women Empowerment cell co-ordinator and reviewer of several international reputed journals.



**Dr. AKKILI NAREESH**  
Dr. Akkili Nareesh, Currently working as Assistant Professor in the Department of Mathematics & Computing, Central University of Andhra Pradesh, Anantapuram, Andhra Pradesh. He completed Ph.D from Sri Krishnadevaraya University, Anantapuram, A.P. in the year 2021 and 13 years of Academic Experience, 10 years of experience in Research methods. He study on Algebraic Graphs with Applications. He had completed M.Sc. from S.V University, Tirumala, A.P. He has around 8 publications, in various national and international journals. He Qualified APSET-2015.



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