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| **Present Position** |  | Associate Dean, Academic Affairs,Associate Dean, Applied Science &Associate Professor of Mathematics,Dept. of HEAS (Mathematics), Rajasthan Technical University, Kota-324010, India |
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| **Academic Qualifications** |  | Ph. D. (Mathematics), J.N. Vyas University, Jodhpur |
| **Specialization** |  | (a) Fractional Calculus (b) Special Functions (c) Integral Transforms (d) Basic Hypergeometric functions (e) Geometric Function Theory (f) Mathematical Physics (g) Mathematical Inequalities |
| **Membership of learned societies:** |  | * Life Member, Indian Mathematical Society (IMS)
* Life Member, Indian Science Congress Association, (ISCA)
* Life Member, Indian Academy of Mathematics, (IAM)
* Life Member, Society for Special Functions and their Applications (SSFA)
* Life Member, Rajasthan Ganita Parishad (RGP)
* Life Member, Forum for Advanced Training Education & Research (FATER)
* Member, American Mathematical Society (AMS)
* Member, International Association of Engineers (IAENG)
* Member, IAENG Society of Computer Science
* Member, IAENG Society of Scientific Computing
 |
| **Editorial Board Member in International Journals** |  | * Editor-in-Chief, International Bulletin of Mathematical Research
* Member, Editorial Board, Maejo International Journal of Science and Technology (SCIE)
* Member, Editorial Board, SpringerPlus (Applied Mathematics) (SCIE)
* Member, Editorial Board, TWMS Journal of Applied and Engineering Mathematics (ESCI)
* Member, Editorial Board, Applications & Applied Mathematics: An International Journal (ESCI)
* Member, Editorial Board, Malaya Journal of Matematik
* Member, Editorial Board, International Journal of Pure and Computational Mathematics
* Member, Editorial Board, Mathematics in Natural Science
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| **Reviewer and Referee** |  | * Since October 2008, Reviewer for Mathematical Reviews, USA (American Mathematical Society)
* Since August 2010, Reviewer for Zentralblatt MATH, Berlin
* Acting as a referee for number of the reputed Indian and foreign journals
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| **Award of Fellowships and Gold Medals** |  | * Awarded University Gold Medal for being topper in M.Sc. Mathematics (2001)
* Awarded Junior Research Fellowship of Council of Scientific and Industrial
* Research for two years during Jan. 2003 to Dec. 2004
* Awarded Senior Research Fellowship of Council of Scientific and Industrial
* Research from Jan. 2005 to March 2006
* "A.K. Agarwal Best Publication Prize 2013" of Society for Special Functions and their Applications (SSFA).
* Awarded NANUM 2014 Travel Grants to attend ICM 2014
 |
| **List of Publication: (106)** |

* 1. S. Abelman, K.A. Selvakumaran, M.M. Rashidi and **S.D. Purohit**:Subordination conditions for a class of Non-Bazilevivc type defined by using fractional q-calculus operators, ***Facta Univ., Ser. Math. Inf.*** (Accepted).
	2. D.L. Suthar, **S.D. Purohit** and K.S. Nisar: Integral transforms of the Galue type Struve function, ***TWMS J. App. & Eng. Math.*** (Accepted).
	3. Junesang Choi, R. K. Parmar and **S.D. Purohit**: Further generalization of the extended Hurwitz-Lerch Zeta functions***.*** ***Bol. Soc. Parana. Mat.* (3S)** (Accepted).
	4. R.K. Saxena, **S.D. Purohit** and Dinesh Kumar: Integral inequalities associated with Gauss hypergeometric function fractional integral operator, ***Proc. Nat. Acad. Sci., India Sect. A Phys. Sci.*** (Accepted).
	5. R. K. Parmar and **S.D. Purohit**: Certain integral transforms and fractional integral formulas for the extended hypergeometric functions, ***TWMS J. App. & Eng. Math.*** (Accepted).
	6. R. K. Parmar and **S.D. Purohit**: Some generating functions and properties of extended second Appell function, ***Bol. Soc. Parana. Mat.* (3S)** (Accepted).
	7. Naresh Menaria, F. Ucar and **S.D. Purohit**: Certain new integral inequalities involving Erdelyi-Kober operators, ***Prog. Fract. Diff. Appl***. 3(2) (2017), 1-7.
	8. D.L. Suthar, R.K. Parmar and **S.D. Purohit**: Fractional calculus with complex order and generalized hypergeometric functions, ***Nonlinear Sci. Lett. A***, 8(2) (2017), 156-161.
	9. J.B. Sharma, K.K. Sharma, A. Atangana and **S.D. Purohit**: Hybrid watermarking algorithm using finite radon and fractional Fourier transform, ***Fundamenta Informaticae*** 151 (2017) 523-543.
	10. G. Murugusundaramoorthy, T. Janani and **S.D. Purohit**: Coefficient estimate of bi-Bazileviuc functions associated with fractional *q*-calculus operators, ***Fundamenta Informaticae*** 151 (2017) 49–62.
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	12. Junesang Choi, Krunal B. Kachhia, Jyotindra C. Prajapati and **S.D. Purohit**: Some integral transforms involving extended generalized Gauss hypergeometric functions, ***Commun. Korean Math. Soc.*** 31(4) (2016), 779-790.
	13. S. Mubeen, **S.D. Purohit**, M. Arshad and G. Rahman: Extension of k-gamma, k-beta functions and k-beta distribution, ***J. Math. Anal.***, 7(5) (2016), 118-131.
	14. M. Al-Dhaifallah, M. Tomar, K.S. Nisar and **S.D. Purohit**: Some new inequalities for (k,s)-fractional integrals, ***J. Nonlinear Sci. Appl.*** 9 (9) (2016), 5374-5381.
	15. R.K. Parmar, D. Baleanu and **S.D. Purohit**: A class of generating functions involving extended Appell hypergeometric function***.*** ***Anal. Univ. Oradea, Fasc. Math.*** 23(2) (2016), 69-73.
	16. R.K. Parmar and **S.D. Purohit:** On a new class of integrals involving generalized hypergeometric function, Int. Bull. Math. Res., 3(2) (2016), 24-27.
	17. Naresh Menaria, K. S. Nisar and **S.D. Purohit**: On a new class of integrals involving product of generalized Bessel function of first kind and general class of polynomials, ***Acta Univ. Apulensis, Math. Inform.*** 46 (2016), 97-105.
	18. K.S. Nisar, **S.D. Purohit**, M. Abouzaid, Maysaa Al Qurashi and D. Baleanu: Generalized *k*-Mittag Leffler function and its composition with Pathway integral operators, ***J. Nonlinear Sci. Appl.*** 9 (6) (2016), 3519-3526.
	19. D. Baleanu, Dinesh Kumar and S.D. Purohit: Generalized fractional integrals of product of two H-functions and a general class of polynomials, ***Int. J. Comput. Math.***93(8) (2016), 1320-1329.
	20. Naresh Menaria, D. Baleanu and **S.D. Purohit**: Integral formulas involving product of general class of polynomials and generalized Bessel function, ***Sohag J. Math.*** 3(2) (2016), 77-81.
	21. K.S. Nisar, **S.D. Purohit** and Saiful. R. Mondal: Generalized fractional kinetic equations involving generalized Struve function of the first Kind, ***Journal of King Saud University-Science*** 28(2) (2016), 167-171.
	22. Junesang Choi, Dinesh Kumar and **S.D. Purohit**: Integral formulas involving a product of generalized Bessel functions of the first kind, ***Kyungpook Math. J.*** 56 (1) (2016), 131-136.
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	24. D. Baleanu, **S.D. Purohit** and Jyotindra C. Prajapati: Integral inequalities involving generalized Erdelyi-Kober fractional integral operators, ***Open Math.*** 14 (2016), 89-99.
	25. Harsh Vardhan Harsh, Arjun K. Rathie and **S.D. Purohit**: On basic analogue of classical summation theorems due to Andrews, ***Honam Mathematical J.*** 38(1) (2016), 25-37.
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	28. Dinesh Kumar, **S.D. Purohit**, Junesang Choi: Generalized fractional integrals involving product of multivariable H-function and a general class of polynomials, ***J. Nonlinear Sci. Appl.*** 9 (1) (2016), 8-21.
	29. Rakesh K. Parmar, **S.D. Purohit**, K.S. Nisar and Mujahed Aldaifallah**,** On a generating function involving generalized second Appell function, ***J. Sci. Arts***, 3 (32) (2015), 225-228.
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	70. **S.D. Purohit,** D.L. Suthar and S.L. Kalla: Marichev-Saigo-Maeda fractional integration operators of the Bessel function, ***Le Matematiche* 67 (1)** (2012), 21-32.
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