List of Publications of Dr. Ranjan Kumar Jana

Journal (**25**); Conference Proceedings (**14**)
Book (**02**), Scientific Report (**02**)
Conference presentations: **45** (International 34, National 11)

Publication in International Journals: 20

Published 19

1. P. Chatterjee, **R. K. Jana** and B. Das, *Effect of electron inertia on the speed & shape of ion-acoustic solitary waves in relativistic plasma*, **Czechoslovak Journal of Physics**, Vol. 54, No. 4 (2004), pp. 489-496. (Springer)

2. P. Chatterjee and **R. K. Jana**, *Speed and Shape of Dust Acoustic Solitary Waves in the presence of dust streaming*, **Z Naturforschung** (Germany), Vol. 60a (2005), pp. 275-281.

3. P. V. Shah, **R. K. Jana**, A. D. Patel and I. A. Salehbhai, *Some Results Based on Generalized Mittag-Leffler Function*, **Int. Journal of Math. Analysis**, Vol. 6, No. 11 (2012), pp. 503-508.

4. S. J. Rapeli, **R. K. Jana**, P. V. Shah and A. D. Patel, *Sheffer Polynomials in three variables*, **Int. J. Contemp. Math. Sciences**, Vol. 7, No. 30 (2012), pp. 1477-1485.

5. **R. K. Jana**, I. A. Salehbhai and A. K. Shukla, *Shivleys Polynomials of Two Variables*, **Int. Journal of Math. Analysis**, Vol. 6, No. 36 (2012), pp. 1757-1762.

6. P. V. Shah and **R. K. Jana**, *Results on Generalized Mittag-Leffler Function via Laplace Transform*, **Applied Mathematical Sciences**, Vol. 7, No. 12 (2013), pp. 567570.

7. J. C. Prajapati, R. K. Saxena, **R. K. Jana** and A. K. Shukla, *Some Results on generalized Mittag-Leffler function Operator*, **Journal of Inequalities and Applications**, 2013, 2013:33 doi:10.1186/1029-242X-2013-33. (Springer)

8. I. A salehbhai, **R. K. Jana** and A. K. Shukla, *Extensions of Generalized Bessel Functions*, **Journal of Inequalities and Special Functions**, Vol. 4, No. 2 (2013), pp. 1-12.

9. S. P. Karia, K. N. Pathak, K. S. Yadav, N. P. Chaudhary, N. C. Patel and **R. K. Jana**, *Modification in Atmospheric Refractivity and GPS Based TEC as Earthquake Precursors*, **Positioning**, Vol. 5 (2014), pp. 46-52.

10. R. K. Saxena, J. P. Chauhan, **R. K. Jana** and A K Shukla, *Further Results on the Generalized Mittag-Leffler function operator*, **Journal of Inequalities and Applications**, (2015), 2015:75, DOI 10.1186/s13660-015-0589-4.

11. J. P. Chauhan, P. V. Shah, **R. K. Jana** and A. K. Shukla, *Analytic Solution for RLC Circuit of Non-integer order*, **Ital. J. Pure and Appl. Math.**, N. 36 (2016), pp. 819-826.

12. **R. K. Jana**, B. Maheshwari and A. K. Shukla, *Generating Function for the extended Wright type hypergeometric function*, **Commun. Korean Math. Soc.**, 32 (2017), No. 1, pp. 75-84.

13. R. Das, **R. K. Jana**, M. De and M. Maiti, *Prices and order quantities of substitutable products in an EPQ Model over different uncertain finite budget constraints*, **Journal of Intelligent and Fuzzy Systems**, 33 (2017), pp. 229-244.

14. H. S. Lekhadiya and **R. K. Jana**, *Analysis of Extreme Rainfall Event withDifferent Microphysics and Parameterization Schemes in WRF Model*, **Positioning**, Vol. 9, No. 1, 2018, pp. 1-11.

15. **R. K. Jana**, B. Maheshwari and A. K. Shukla, *Some properties of extended τ-hypergeometric function*, **Commun. Korean Math. Soc.**, 33(2018), No. 4, pp. 1159-1170.

16. **R. K. Jana**, B. Maheshwari and A. K. Shukla, *Note on extended hypergeometric function*, **Proyecciones Journal of Mathematics**, Vol. 38, No. 3, 2019, pp. 591-602.

17. H. S. Lekhadiya and **R. K. Jana**, *Assimilation of INSAT-3D Sounder retrieved Thermodynamic profiles using WRF model for extreme rainfall event over North Central part of India*, **Ital. J. Pure and Appl. Math.**, N. 41 (2019), pp. 369-381.

18. D. J. Bhatt, V. N. Mishra and **R. K. Jana**, *On a New Class of Bernstein Type Operators Based on Beta Function*, **Khayyam J. Math.** 6 (2020), No. 1, pp. 1-15. DOI: 10.22034/kjm.2019.97090

19. D. J. Bhatt, V. N. Mishra and **R. K. Jana**, *New class of beta type operators approximating integrable function*, **Advances in Operator Theory**, 2020. https://doi.org/10.1007/s43036-019-00020-1

Accepted 01

20. A. Pal, **R. K. Jana**, and A. K. Shukla, *Some integral representations of the $_pR_q(\alpha, \beta; z)$ function*, accepted for publication at **International Journal of Applied and Computational Mathematics.**

Publication in National Journals: 05

Published 05

21. P. Chatterjee, **R. K. Jana** and B. Sen, *Speed and Shape of electron acoustic solitary waves in plasma*, **Indian J. Physics**, Vol. 79, No. 5 (2005), pp. 523-527. (Springer)

22. J P. Chauhan, **R. K. Jana**, A. K. Shukla, *Fractional Differential Equation Model for Spread of Technological Innovations in Arbitrary Order*, **Ganita Sandesh**, Vol. 29, No. (1 & 2), 2015, pp. 31-38.

23. **R. K. Jana**, S. J. Rapeli and A. K. Shukla, *Generalized Sheffer's classification and their q-analogue*, **Journal of Indian Mathematical Society**, Vol. 84, No. 3-4 (2017), pp. 201-210.

24. H. S. Lekhadiya and **R. K. Jana**, *Assimilation of INSAT-3D Satellite data in WRF model*, **Proc. Natl. Acad. Sci., India, Sect. A Phys. Sci.** (2019).

https://doi.org/10.1007/s40010-019-00606-7.

25. **R. K. Jana**, B. Maheshwari and A. K. Shukla, *Some results on the extended hypergeometric function*, **Journal of Indian Mathematical Society**, Vol. 87, No. 1-2 (2020).

Publication in International Conference Proceedings: 12

Published 07

1. R Singh, S H Rahman, **R. K. Jana**, P K Pal, B Simon and P C Joshi, *Assimilation of Level-II MODIS Temperature and Moisture Profiles in a Non-Hydrostatic Mesoscale Model (MM5)*, published in the proceeding of International Conference of Mesoscale Processes in Atmosphere, Ocean and Environmental Systems (**IMPA 2006**) held at IIT Delhi during February 14-17, 2006.

2. V Rakesh, **R. K. Jana**, R Singh, P K Pal and P C Joshi, *Sensitivity of Mesoscale Model Forecast during a Satellite Launch to convective Parameterization Schemes*, published in the proceeding of International Conference of Mesoscale Processes in Atmosphere, Ocean and Environmental Systems (**IMPA 2006**) held at IIT Delhiduring February 14-17, 2006. (Paper presented by V Rakesh)

3. **R. K. Jana**, *Application of Mathematics in Atmospheric Sciences*, published in the proceeding of International Conference on Analysis and its Applications (**ICAA-08**) held at Dept. of Mathematics, Aligarh Muslim University, U.P. during November 3-5, 2008.

4. D Sadhukhan, **R. K. Jana**, B Mondal and M Maiti, *Comparative Study of Deterministic and Stochastic Behavior of Holling Type IV Model*, published in the proceeding of **1st IFIP International Conference on Bioinformatics** held at AMHD, SVNIT during March 25-28, 2010.

5. R. Roy and **R. K. Jana**, *Geometric Properties of the τ-Wright Type Hypergeometric Function*, Proceeding of Society for Special Functions and Their Applications(**SSFA**), India, Vol. 17, 2018, pp. 40-49. (International Conference on Special Functions and Their Applications (ICSFA 2017) organized by Government College of Engineering, Bikaner, Rajasthan during November 2 - 4, 2017)

6. H. S. Lekhadiya and **R. K. Jana**, *Sensitivity of the WRF model to the parameterized Physical Process* in O. Castillo et al. (Eds.) Recent Advances in Intelligent Information Systems and Applied Mathematics, Vol. 863, 2020, pp. 170-181, Springer Nature Switzerland. (Proceeding of 2nd International Conference on Information Technology and Applied Mathematics (**ICITAM 2019**) held at Haldia Institute of Technology, during March 07-09, 2019)

7. R. L. Das, H. Solanki and **R. K. Jana**, *An investigation of involving supplier and manufacturer based inventory models under uncertain fuzzy constraints* in O. Castillo et al. (Eds.) Recent Advances in Intelligent Information Systems and Applied Mathematics, Vol. 863, 2020, pp. 248-259, Springer Nature Switzerland. (Proceeding of 2nd International Conference on Information Technology and Applied Mathematics (**ICITAM 2019**) held at Haldia Institute of Technology, during March 07-09, 2019)

Accepted 05

8. H. S. Lekhadiya and **R. K. Jana**, *Impact of different resolution initial data in WRF model*, accepted for publication in the proceeding of 3rd International Conference on

Engineering Mathematics and Computing (**ICEMC 2020**)held at Haldia Institute of Technology, during February 05-07, 2020.

9. R. Das, **R. K. Jana**, M. De and M. Maiti, *EOQ Models for stock-in & stock-out items considering qualities and order quantities of substitutable products over uncertain finite space constraints*, accepted for publication in the proceeding of 3rd International Conference on Engineering Mathematics and Computing (**ICEMC 2020**) held at Haldia Institute of Technology, during February 05-07, 2020.

10. R. Roy and **R. K. Jana**, *Convexity and Starlikeness of Extended Confluent Hypergeometic Function*, accepted for publication in the proceeding of 3rd International Conference on Engineering Mathematics and Computing (**ICEMC 2020**) held at Haldia Institute of Technology, during February 05-07, 2020.

11. D. J. Bhatt, **R. K. Jana** and V. N. Mishra, *On a new Class of SzÁsz Type Operators based on Beta Function*, accepted for publication in the proceeding of 3rd International Conference on Engineering Mathematics and Computing (**ICEMC 2020**) held at Haldia Institute of Technology, during February 05-07, 2020.

12. R. Mondal, P. Pramanik, **R. K. Jana**, M Maiti and M. Maiti, *An EOQ model for deteriorating items under trade credit policy with unfaithfulness nature of customers*, accepted for publication in the proceeding of 3rd International Conference on Engineering Mathematics and Computing (**ICEMC 2020**) held at Haldia Institute of Technology, during February 05-07, 2020.

Publication in National Conference Proceedings: 02

Published 02

1. **R. K. Jana**, *Geophysical Fluid Dynamics in the light of Mathematical Techniques and Computation*, published in the proceeding of National Conference Emerging Trends in Mechanical Engineering (**ETME 07**) held at SVNIT, Surat during June 4-5, 2007.

2. **R. K. Jana**, *Some light on Geophysical Parameter Retrieval and comparison of UTH (Upper Tropospheric Humidity) from INSAT-3A and KALPANA data*, published in the proceeding of **National Seminar on Applied and Computational Mathematics and their Applications** (Sponsored by UGC) held at Vidyasagar University, Midnapore during March 6-7, 2008.

Publication in the form of Book: 02

1. In the **editorial board** of Proceeding of the Eleventh Annual Conference of Society of Special Functions and Their Applications (SSFA) held at SVNIT, Surat, edited by A. K. Agarwal, M. A. Pathan, S. Khan, A. K. Shukla and **R. K. Jana**.

2. R. L. Das and **R. K. Jana**, *Some studies on EPQ model of substitutable products under Imprecise Environment*, Chapter 25, in: N. H. Shah and M. Mittal (Eds.), Optimization and Inventory Management, 2019, pp. 331-360, **Springer Nature**, Singapore.

Publication in the form of Scientific Report / Monograph (02)

1. R Singh, **R. K. Jana**, Rakesh V, P K Pal and P C Joshi, *Statistical Evaluation of Mesoscale Model forecast during PSLV-C6 Launch*, **Scientific Report**, SAC/RESIPA/MOG/ASD/ Meso-SR/04/2005.

2. P K Thapliyal, S Shah, **R. K. Jana**, P K Pal and P C Joshi, *Upper Tropospheric Humidity (UTH) from INSAT-3A and KALPANA data*, **Scientific Report**, July 2005.

International Conference presentations: 34

1. R Singh, S H Rahman, **R. K. Jana**, P K Pal, B Simon and P C Joshi, *Assimilation of Level-II MODIS Temperature and Moisture Profiles in a Non-Hydrostatic Mesoscale Model (MM5)*, presented at International Conference of Mesoscale Processes in Atmosphere, Ocean and Environmental Systems (**IMPA 2006**) held at IIT Delhi during February 14-17, 2006. (Paper presented by R Singh)

2. V Rakesh, **R. K. Jana**, R Singh, P K Pal and P C Joshi, *Sensitivity of Mesoscale Model Forecast during a Satellite Launch to convective Parameterization Schemes*, presented at International Conference of Mesoscale Processes in Atmosphere, Ocean and Environmental Systems (**IMPA 2006**) held at IIT Delhi during February 14-17, 2006. (Paper presented by V Rakesh)

3. **R. K. Jana**, *Application of Mathematics in Atmospheric Sciences*, presented at International Conference on Analysis and its Applications (**ICAA-08**) held at Dept. of Mathematics, Aligarh Muslim University, U.P. during November 3-5, 2008.

4. D Sadhukhan, **R. K. Jana**, B Mondal and M Maiti, *Comparative Study of Deterministic and Stochastic Behavior of Holling Type IV Model*, presented at **1st IFIP International Conference on Bioinformatics** held at AMHD, SVNIT during March 25-28, 2010.

5. **R. K. Jana**, *On Pseudo Laguerre Polynomials of Two Variables*, presented at International Conference of Special Functions and Their Applications (**ICSFA 2011**) held at Department of Mathematics & Statistics, J N Vyas University, Jodhpur during July 28-30, 2011.

6. **R. K. Jana**,I A Salehbhai and A K Shukla,*Some Basic Results of Two Variable Polynomials*, presented at 14th International Conference of International Academy of Physical Sciences (**CONIAPS XIV**) held at SVNIT, Surat during December 22-24, 2011.

*7. **R. K. Jana**, *Shivley's Polynomials of Two Variables*, presented at **Spring 2012 Eastern Sectional Meeting of the American Mathematical Society** held at George Washington University, Washington DC, **USA** during March 17-18, 2012.

*8. **R. K. Jana**, *Some Properties of Generalized Mittag-Leffler Function via Fractional Calculus*, presented at 15th International Conference of International Academy of Physical Sciences (**CONIAPS XV**) held at Rajamangala University of Technology, Thanyaburi, **Thailand**, during December 09 -13, 2012.

*9. I A Salehbhai, **R. K. Jana** and A.K. Shukla, *Extension of Generalized Bessel*

Functions, presented at 15th International Conference of International Academy of Physical Sciences (**CONIAPS XV**) held at Rajamangala University of Technology, Thanyaburi, **Thailand**, during December 09 -13, 2012.

*10. **R. K. Jana**, *Bessel Function Series in connection with Ramanujans Mathematics* presented at **Spring 2014 Central Sectional Meeting of the American Mathematical Society** held at Texas Tech University, Lubbock, Texas, **USA** during April 11-13, 2014.

*11. **R. K. Jana**, *A q-analogue of Sheffer polynomials and related theorems* presented at **Midwest Number Theory Conference** held at University of Illinois at Urbana-Champaign, **USA** during June 3-4, 2014.

*12. **R. K. Jana**, *On Some Properties of Konhauser Polynomial via Generalized Mittag-Leffler Function*, presented at **Central Fall Sectional Meeting of American Mathematical Society**, held at University of Wisconsin-Eau Claire, Eau Claire, **USA** during September 20 -21, 2014.

13. A. Shah, **R. K. Jana** and P. Gauthier, *Equivalence between 4-D Variational data assimilation andKalman Filter in Numerical Weather Prediction*, presented at International Conference on Current Developments in Mathematics and Mathematical Sciences (**ICCDMMS-2014**), organized by Calcutta Mathematical Society during December 19-21, 2014.

14. R. Das, **R. K. Jana**, M. Maiti, *Inventory Models with two similar substitutable products on the basis of stock based demand* presented at International Conference on Optimization, Computing and Business Analysis for Sustainable Development (**ICOCBASD-2015**) at Central University of Rajasthan, Ajmer, India during February 20-22, 2015.(Paper presented by R. Das)

15. R. Das, **R. K. Jana**, M. Maiti, *Prices and order quantities of substitutable products in EPQ Model* presented at 2nd International Conference on Recent Trends in Mathematics and Its Applications (**ICRTMA**) at Vidyasagar University, Midnapore during March 18-19, 2015. (Paper presented by R. Das)

*16. **R. K. Jana**, *Recent Developments in the study of Generalized Mittag-Leffler function* presented at **Joint Meeting of American Mathematical Society (AMS), European Mathematical Society (EMS) and Portuguese Mathematical Society (SPM)** at Porto, **Portugal** during June 10-13, 2015.

*17. B. Maheshwari and **R. K. Jana**, *Extension of Wright type hypergeometric function*, presented at **The Real World is Complex - an international symposium in honor of Christian Berg** at Copenhagen, **Denmark** during August 26-28, 2015.(Paper presented by B. Maheshwari)

18. **R. K. Jana**, *On the study of Bessel function Series* presented at International Conference on Special Functions and Their Applications (**ICSFA 2015**) held at Amity University, Noida during September 10-12, 2015.

*19. J. P. Chauhan, **R. K. Jana** and A K Shukla, *Spread of Technological Innovations using Fractional Ordered Differential Equation Model*, presented at International Conference on Applied Physics and Mathematics (**ICAPM-2016**), held at Bangkok, **Thailand** during August 21-22, 2016. (Paper presented by J. P. Chauhan)

20. **R. K. Jana**, *A study on q-Hermite polynomials and their applications* presented at International Conference on Special Functions and Their Applications (**ICSFA 2016**) held at Jamia Millia Islamia, New Delhi during September 09-11, 2016.

21. H. S. Lekhadiya and **R. K. Jana**, *Assimilation of INSAT-3D satellite derived Temperature and Hummidity profiles in WRF model* presented at 19th International Conference of International Academy of Physical Sciences (**CONIAPS XIX**) held at Nainital, India during October 17-19, 2016. (Paper presented by H. S. Lekhadiya)

22. **R. K. Jana**, *On some properties of Extended Wright type hypergeometric function*, presented at International Conference on Mathematical Analysis and its Applications (**ICMAA-2016**) held at IIT Roorkee during November 28 - December 02, 2016.

23. **R. K. Jana**, *On Generalized Pochhammer symbols* presented at International Conference on Special Functions and Their Applications (**ICSFA 2017**) organized by Government College of Engineering, Bikaner, Rajasthan during November 2 - 4, 2017.

24. H. S. Lekhadiya and **R. K. Jana**, *Impact of assimilation of INSAT-3D satellite data in WRF model* presented at International Conference **INTROMET-2017** held at Space Applications Center (ISRO), Ahmedabad during November 7-10, 2017. (Paper presented by H. S. Lekhadiya)

25. **R. K. Jana**, *Extended Wright type hypergeometric Functions: some recent developments* presented at **83rd Annual Conference of Indian Mathematical Society-An International Meet**, held at Sai Venkateswara University, Tirupati during December 12-15, 2017.

*26. **R. K. Jana**, *Some properties of extended incomplete τ-hypergeometric function* presented at **World Summit on Advances in Sciences, Engineering and Technology**, held at University of Cambridge, **U.K.** during January 4-6, 2018.(Paper presented through Skype)

27. R. Roy and **R. K. Jana**, *Lie theoretic origin of Hypergeometric functions*, presented at International Conference on Mathematics and Its Applications (**ICMA 2018**) held at University of Burdwan, West Bengal, during February 15-17, 2018. (Paper presented by R. Roy)

28. **R. K. Jana**, *Geometric and Asymptotic properties of Extended Hypergeometric Functions*, presented at International Conference on Special Functions & Applications (**ICSFA-2018**), held at Amal Jyothi Engineering College, Kanjirapalli, Kottayam, Kerala during November 22-24, 2018.

29. **R. K. Jana**, *A Study on Geometrical Significance of Fractional Calculus*, presented at **84th Annual Conference of Indian Mathematical Society: An International Meet**, held at Shri Mata Vaishno Devi University, Katra, Jammu and Kashmir during November 27-30, 2018.

30. H. S. Lekhadiya and **R. K. Jana**, *Sensitivity of the WRF model to the parameterized Physical Process*, presented at 2nd International Conference on Information Technology and Applied Mathematics (**ICITAM 2019**) held at Haldia Institute of Technology, West Bengal, during March 07-09, 2019. (Paper presented by R. K. Jana)

31. R. L. Das, H. Solanki and **R. K. Jana**, *An investigation of involving supplier and manufacturer based inventory models underuncertain fuzzy constraints*, presented

at 2nd International Conference on Information Technology and Applied Mathematics (**ICITAM 2019**) held at Haldia Institute of Technology, during March 07-09, 2019. (Paper presented by H. Solanki)

32. R. Roy and **R. K. Jana**, *Convexity and Starlikeness of Extended Confluent Hypergeometic Function*, presented at 3rd International Conference on Engineering Mathematics and Computing (**ICEMC 2020**) held at Haldia Institute of Technology, during February 05-07, 2020. (Paper presented by R. Roy)

33. D. J. Bhatt, **R. K. Jana** and V. N. Mishra, *On a new Class of SzÁsz Type Operators based on Beta Function*, presented at 3rd International Conference on Engineering Mathematics and Computing (**ICEMC 2020**) held at Haldia Institute of Technology, during February 05-07, 2020. (Paper presented by D. J. Bhatt)

34. R. Mondal, P. Pramanik, **R. K. Jana**, M Maiti and M. Maiti, *An EOQ model for deteriorating items under trade credit policy with unfaithfulness nature of customers*, presented at 3rd International Conference on Engineering Mathematics and Computing (**ICEMC 2020**) held at Haldia Institute of Technology, during February 05-07, 2020. (Paper presented by R. Mondal)

* Papers presented at abroad

National Conference presentations: 11

1. **R. K. Jana**, *Geophysical Fluid Dynamics in the light of Mathematical Techniques and Computation*, presented at National Conference Emerging Trends in Mechanical Engineering (**ETME 07**) held at SVNIT, Surat during June 4-5, 2007.

2. **R. K. Jana**, *Some light on Geophysical Parameter Retrieval and comparison of UTH (Upper Tropospheric Humidity) from INSAT-3A and KALPANA data*, presented at **National Seminar on Applied and Computational Mathematics and their Applications** (Sponsored by UGC) held at Vidyasagar University, Midnapore during March 6-7, 2008.

3. I A Salehbhai, **R. K. Jana** and A K Shukla, *Note on Laguerre Transform in Two variables*, presented at **75th Annual Conference of Indian Mathematical Society** held at Kalasalingam University during December 27-30, 2009. (paper presented by I A Salehbhai)

4. **R. K. Jana**, J C Prajapati and A K Shukla, *Integral Transforms of General Class of Polynomials*, presented at **Ninth Annual Conference of Society for Special Functions & their Applications** held at School of Mathematics & Allied Sciences, Jiwaji University, Gwalior during June 21-23, 2010.

5. **R. K. Jana**, P V Shah and A D Patel, *Some results of Generalized Mittag-Leffler Function*, presented at 76th Annual Conference of Indian Mathematical Society held at SVNIT during December 27-30, 2010.

6. S J Rapeli, **R. K. Jana** and A K Shukla, *On σ-type zero polynomials*, presented at **77th Annual Conference of Indian Mathematical Society** held at School of Mathematical Sciences, SRTM University, Nanded during December 27-30, 2011.

7. I A Salehbhai, **R. K. Jana** and A K Shukla, *Integrals involving Generalized Bessel Functions*, presented at **National Conference on Analysis and Applications** held at Department of Mathematics, NIT Srinagar, Jammu and Kashmir during November 19-20, 2012. (paper presented by I A Salehbhai)

8. **R. K. Jana**, S. J. Rapeli and A. K. Shukla, *Sheffer polynomials and their q-analogue*, presented at **National Seminar NSAM 2013**, organized by Calcutta Mathematical Society during September 6-8, 2013 at Kolkata.

9. **R. K. Jana**, *Some Properties of Wright type Generalized Hypergeometric Function via Fractional Calculus* presented at **80th Annual Conference of Indian Mathematical Society**, held at Indian School of Mines, Dhanbad during December 27-30, 2014.

10. **R. K. Jana**, *Modeling Epidemics using Fractional Calculus*, presented at **UGC sponsored National Seminar on Recent Trends in Biomathematical Modeling under uncertain Environment** at Mugberia Gangadhar Mahavidyalaya, West Bengal during September 11-12, 2015.

11. **R. K. Jana**, *A note on Sheffer Polynomials*, presented at **81st Annual Conference of Indian Mathematical Society**, held at VNIT, Nagpur during December 27-30, 2015. [1]

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[1]**Last updated on April, 2020**