Dr. Jayprakash Satyanarayan Yadav

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Gaon, Mira Road East, Thane-401107.

Date of Birth	15th July 1975
Category	Open
Nationality	Indian
Educational Qualification	**(1)** **Ph.D. (Mathematics),** May-2009, V.B.S.Purvanchal University, Jaunpur, Uttar Pradesh. **(2)** **M. Sc. (Mathematics),** 1998, Department of Mathematics, Mumbai University, 57.8%. **(3)** **B.Sc. (Mathematics), 1995,** M.V.L.U.College, Mumbai University, 67.5%.
Recognized Ph.D. Supervisor	1. Approved as a recognized supervisor of PAHER University for guiding Doctoral Research/Masters Course in the faculty of science (Mathematics). 2. Successfully guided Ms. Vidhi Bhardwaj, a research scholar at PAHER University in the subject of Mathematics in the year 2021. The Title of the Thesis is" Study on Certain Summation Formulas of Q-series and Q-Continued Fractions".
Paper Publications	**(1)** A paper titled "**Certain Continued fractions involving basic bilateral series" published** in the proceeding **of the 7th Int. Conf. SSFA, vol. 7, 2006, pp. 117 120** held at **Pune University** **(2)** A paper titled " **On certain Transformation Formula of Ordinary Hypergeometric Series using Laplace transform**" is Published in the National Journal '**Journal of Ramanujan Society of Mathematics And Mathematical Sciences.VOL. NO.1 (2012), pp. 117-120, August 2012.ISSN:2319-1023.** **(3)** A paper titled "**Bilateral Basic Hypergeometric Series and continued fractions**" is published in **an international journal "International Journal of Research", Mumbai, INDIA, ISSN:2231-6124** **(4)** A paper titled "A **Note on Certain Transformations Involving Lamberts series**" is published in the National Journal '**Journal of Ramanujan Society of Mathematics and Mathematical Sciences, VOL. NO.1 (2014), pp117-120, August 2014. ISSN: 2319-1023.** **(5)** **A paper titled " On Certain Transformations of Bivariate Basic Hypergeometric Series using q-fractional operators" is Published in an International Journal 'South East Asian J. of Math. & Math.Sci.VOL. NO.11 (2015), pp. 25-30, August 2015, ISSN:0792-7752.** **(6)** **A Paper entitled "On certain transformations of basic hypergeometric function using q-fractional operators" has been published in an International Journal J. of Ramanujan Society of Math. and Math. Sc. ISSN: 2319-1023 Vol.4, No.1 (2015), pp. 31- 36.** **(7)** **A Paper entitled "Certain transformation formulas for basic hypergeometric series" has been published in an International Journal 'South**

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East Asian J. of Math. & Math.Sci.VOL.13, No.1 2017, pp 65-70, ISSN: 0792-7752.

(8) **A Paper entitled "On Certain Transformations of Basic Hypergeometric Functions using Bailey's Transform" has been published in the International Journal of Ramanujan Society of Mathematics & Mathematical science (JRSMAMS),2017.**

(9) **A Paper entitled "On certain continued fractions involving two basic hypergeometric series" has been published in an International IOSR Journal of Mathematics (IOSR-JM) Volume 13, Issue 3 Ver. IV (May - June 2017), PP 64-67.**

(10) **A Paper** entitled "Q-Mixner's Polynomials and Continued Fractions" has been published in an International Journal" **Genius",2017.**

(11) **A Paper entitled "**Certain Continued Fractions Involving Generalized Lambert Series**" has been published in an International Journal** of Advanced and Innovative Research, 2019.

(12) **A Paper entitled "**Some Certain Summation Formulas of q- Series and q–Continued Fractions**" has been published in an International Journal of Mathematics Trends and Technology (IJMTT) – Volume 66 Issue 1 - Jan 2020.**

(13) **A Paper entitled "**Continued Fractions and Hyper Geometric Series with Bailey's Transformation and its Applications**" has been published in an** International Journal of Scientific & Engineering Research Volume 12, Issue 1, January-2021

(14) **A Paper entitled "**Hyper-geometric Polynomial with Continued Fraction**" has been published in an** International Research Journal of Management Science & Technology

(15) **A Paper entitled "**On Some Application of Bailey's Transform in Generalized Basic Hypergeometric Transformations**" has been published in** South East Asian J. of Mathematics and Mathematical Sciences Vol. 17, No. 2 (2021), pp. 75-82.

(16) **A Paper entitled "**A statistical study on the effect of Coach Leadership on the performance of Sports students in colleges**" has been published in** an International Research Journal of Management Sociology & Humanity (IRJMSH), 2021.

(17) **A Paper entitled "**Impact of Lock down due to Covid-19 Pandemic on Social Life and Mental Health of Students in Higher Education: A Statistical View**" has been published in** an International Multidisceplinary quarterly Research Journal: AJANTA, 2021,

(18) **A Paper entitled "A statistical study on the effect of Coach Leadership on the performance of sports students in colleges" has been published in** an

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	International Research Journal of Management Sociology & Humanity (IRJMSH),Vol 12 Issue 4 [Year 2021], pp.40-44. **(19)** **A Paper entitled "**On Some Transformations of Basic Hypergeometric Series**" has been published in** an International Multidisciplinary Quarterly Research Journal: AJANTA, 2022. **(20)** **A Paper entitled "**Role of Mathematical Model in Cloud Computing**" has been published in** an International Journal of Mathematics and Computer Research, 2023, ISSN: 2320-7167.
Book Publication	Written Mathematics book for FYBSc students in 2008-2009, Jigar's Nirali Publication.
Paper Presentations	**(1)** Presented a paper on **"Certain Continued Fractions involving Basic Bilateral Series"** in an International conference on Special Functions and Their Applications during 21st - 23rd Feb, 2006, held at Department of Mathematics, University of Pune. **(2)** Presented a paper on "**Lambert series and q-continued fractions**" in 72nd Annual Conference of Indian Mathematical society Dec 27-30, 2006. **Department of Mathematics**, **Rani Durgawati University, Jabalpur, M.P**. **(3)** Presented a paper on **"A Note On Lambert Series and Continued fraction"** in an International Conference on "**Special Functions and Their Applications (ICSFA-2011)**" organized by Department of Department of Mathematics and Statistics, J.N.V.University & SSFA in association with JIET Group of Institution, Jodhpur, India during July 28-30, 2011. **(4)** Presented a research paper entitled " On certain Transformation formula of Ordinary Hyper geometric Series Using Laplace transformation" in an International Conference on "**Special Functions and Their Applications (ICSFA-2012)**" organized by Department of Applied Mathematics and Humanities, SVNIT, Surat ,India during June 27-29,2012. **(5)** Presented a research paper entitled "On Certain Transformations of Bivariate Basic Hypergeometric Series using q-Fractional Operators" in an International Conference on "**Special Functions and Their Applications (ICSFA-2012)**" organized by Department of Applied Mathematics , Thapar University,Patiala,Punjab ,India during October 16-18, 2014. **(6)** Presented a research paper entitled " On certain Transformations Involving Lambertz Series" in a DST sponsored National Conference on "Recent Developments in Special and Their Applications" organized by Department of Mathematics, TDPG College, Jaunpur, India during November 4-6, 2014.

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Conferences/ Seminar/Workshops/Symposium attended: (**National** & **International**)	**(1)** Workshop on **MUPad LITE** a mathematical software on 18th, 19th July, 2002, at Jai Hind College. **(2)** Workshop on "**New** Topics in Mathematics Syllabi" in Bhavan College on 15th September, 2004. **(3)** Conference on "Special Functions and **Their Applications-The Sixth Annual Meeting**" organized by SSFA at TDPG College, Jaunpur on 4th, 5th June, 2005. **(4)** Workshop on "**Special Functions and Their Applications**" organized by SSFA at TD PG College, Jaunpur on 6th,7th & 8th June, 2005. **(5)** Seminar on "**Application of computer Aided Systems to Mathematics Teaching**" on 13th, 14th Jan, 2006 at Sathaye College in association with BMC. **(6)** International Conference on "**Special Functions and Their Applications**" organized by Department of Mathematics, University of Pune on 21st, 22nd and 23rd Feb, 2006. **(7)** 72nd Annual **Conference of the Indian Mathematical Society** organized by Department of Mathematics and Computer Science, Rani Durgawati University, Jabalpur (M.P.) on 27th, 28th, 29th and 30th, Dec., 2006. **(8)** Workshop on "**Type Setting Using Tex/Latex**" organized by Department of **Mathematics** Jai Hind College, Church gate, on 21st, 22nd Dec., 2005. **(9)** Symposium on "**Algebraic Number Theory**" organized by Department of Mathematics, Thakur College, Kandivli (E).on 17th, 18th and 119th Nov, 2005. **(10)** Workshop on syllabi of **F.Y./S.Y./T.Y.B.Sc**. held at Ruia College on 23rd Nov, 2007. **(11)** Workshop on new syllabi of **F.Y.B.Sc**. held at University of Mumbai, organized by Department of Mathematics on 27th June,2008. **(12)** Workshop on proposed syllabi of **S.Y.B.Sc.** held at University of Mumbai, organized by Department of Mathematics on 25th Feb, 2009. **(13)** Workshop on proposed syllabi of **T.Y.B.Sc.** held at Ruia College, Matunga, Mumbai organized by Department of Mathematics on 18th Jan, 2010. **(14)** Attended a S**cience Seminar** organized by Department of Mathematics and Department of Physics, **Jai Hind College**, Mumbai, on 18/01/2010. **(15)** **Attended an** International Conference on "**Special Functions and Their Applications (ICSFA-2011)**" organized by Department of Department of Mathematics and Statistics, J.N.V.University & SSFA in association with JIET Group of Institution, Jodhpur, India during July 28-30, 2011. **(16)** An International Conference on "**Special Functions and Their Applications (ICSFA-2012)**" organized by Department of Applied Mathematics and Humanities, SVNIT, Surat, India during June 27-29, 2012.

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	(17) UGC Sponsored National Level workshop on "**Total Quality Management**" organized by department of Mathematics & Statistics, Sydenham College of Commerce and Economics, Mumbai, 20th to 22nd October, 2012. **(18)** UGC Sponsored National Level Seminar on "**Information Technology, Convergence & Services**" organized by department of Mathematics & Computer Science [ITCS], Royal College of Arts, Science & Commerce, Mumbai, 29th November, 2012. **(19)** Workshop on "**SPSS**" organized by Department of Mathematics, Thakur College of Science & Commerce, Mumbai, 3rd to 4th September, 2013. **(20)** Half Day Workshop on "**Question Paper Pattern under 75-25 Evaluation Scheme in the Course of Mathematical and Statistical Techniques**" at F.Y.B.Com. Programme**,** organized by Department of Mathematics & Statistics, J.M.Patel College of Commerce, Mumbai, 19th July, 2014. **(21)** Workshop **on "New Paper Pattern under 75-25 Evaluation Scheme in the Course of Computer System and Applications at T.Y.B.Com and Computer Programming at S.Y.B.Com"** organized by Department of Mathematics, Statistics and Computer, P.D.Lions College of Commerce and Economics, Mumbai, 9th August, 2014. **(22)** UGC Sponsored Two days National Level Seminar on "**IQAC New Format and Documentation**" organized by IQAC, P.D.Lions College of Commerce and Economics, Mumbai, 19th & 20th September, 2014.
Refresher course/Orientation programme Attended	**(1)** Attended an orientation Programme organized by ASC, University of Mumbai, from 4/8/2008 to 25/08/2008. **(2)** Attended a refresher course in mathematics organized by ASC and Department of Mathematics, University of Mumbai, from 22/02/2010 to 15/03/2010.
Memberships	**(1)** Life membership of "**Society for Special Functions and Their Applications**". **(2)** Life membership of "**Bombay Mathematical Colloquium**". **(3)** Life membership of "**Ramanujan Society of Mathematics and Mathematical sciences**"
Committee / Association Member:	**(1)** Member of **Mathematical association**, Thakur college **(2)** Member of **Exam committee (from2000** to till now) Thakur college **(3)** Member of **Hindi association,** Thakur college **(4)** Working as **Sr. Supervisor** at **University Examinations** held at Thakur College since 2003.
Experiences:	Taught mathematics in **F.Y. /S.Y. /T.Y. B.Sc., F.Y./S.Y.B.Sc. (I.T.)** for twelve years in **Thakur College of Science and Commerce, Kandivli (E), Mumbai- 400101.**
Place:	Mumbai.

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