

Curriculum Vitae

- 1 **Name:** Pawan Chanchal
- 2 **Designation:** Assistant Professor
- 3 **Department:** Mathematics
- 4 **Educational Qualification:**



<i>Level</i>	<i>Name of University</i>	<i>Year</i>	<i>Title/ Remark/ Medal</i>
Secondary	Board Of Secondary Education, Rajasthan	1997	I
Senior Secondary	Board Of Secondary Education, Rajasthan	1999	I
B.Sc.	M.D.S.University, Ajmer	2002	II
M.Sc.	M.D.S.University, Ajmer	2005	I
M.Phil.	M.D.S.University, Ajmer	2006	A Study Of Integrals Involving H Function

5 Teaching / Research Experience:

<i>UG</i>	12 Years	<i>PG</i>		<i>Research</i>	

6 Membership (Academic Bodies):

7 Academic Courses Attended:

<i>Course</i>	<i>Place</i>	<i>Sponsoring Agency</i>	<i>Duration</i>
Orientation Course	Jai Narain Vyas University, Jodhpur	U.G.C	15.11.2010 to 11.12.2010
Refresher	University Of Rajasthan, Jaipur	U.G.C	17.12.2012 to 05.01.2013
	University Of Rajasthan, Jaipur	U.G.C	08.06.2015 to 27.06.2015
Other (Workshop/ Summer School/ Camp etc.)	Jai Narain Vyas University, Jodhpur	D.S.T	04-05, December 2010
	Govt. Bangur College, Pali	Government Of Rajasthan Commissionerate, College Education	29 January, 2013

	Department Of Mathematics ,Central University of Rajasthan, Bandarsindri, Kishangarh	National Board of Higher Mathematics	24 June – 13 July 2013
	Shri Ratanlal Kanwarlal Patni Government P.G. College, Kishangarh (Ajmer) Rajasthan	U.G.C	18-19 December, 2014
	Shri Ratanlal Kanwarlal Patni Government P.G. College, Kishangarh (Ajmer) Rajasthan	Department of Higher Education, Govt. of Rajasthan	14 February, 2015
	Samrat Prithviraj Chauhan Government College, Ajmer		16 February, 2015
	Government Women Engineering College, Ajmer	Under TEQIP-II	Oct.28 – Nov. 01, 2015
	Government PG College, Kekri	U.G.C	19 January, 2017
Online Faculty Development Program (FDP)	<i>Place</i>	<i>Sponsoring Agency</i>	<i>Duration</i>
Advanced Research Methodology	Tamilnadu	Rest Society For Research International	11 May to 15 May 2020
<u>Statistical Analysis For Research</u>	Tamilnadu	Rest Society For Research International	18 May to 22 May 2020
<u>Recent trends in Research Methodology</u>	Tamilnadu	Rest Society For Research International	25 May to 29 May 2020
E- CONTENT DEVELOPMENT IN TEACHING	AKOLA	SARASWATI KALA MAHAVIDHYALAYA	4 june 2020 to 10 june 2020 (SEVEN DAYS)
<i>E-Learning and ICT Tools for Effective Teaching -Learning,</i>	PALI	ARAVALI COLLEGE OF ADVANCED STUDIES IN EDUCATION PALI, FARIDABAD	8th to 13th june 2020, (SIX DAYS)
INSTITUTIONAL BENCH MARKING OF PRACTICES	GOA	SMSCMDC CANACONA	8-14 JUNE 2020 (SEVEN DAYS)

Pure and Applied Mathematics	Tiruchirappalli	Jamal Mohamed college (Autonomous) , Tiruchirappalli	11-17 JUNE 2020 (SEVEN DAYS)
E-Content Development	Gujarat University	UGC- Human Resource Development Centre	25 June – 01 July, 2020

8 Seminar/ Conference attended:

<i>Name of Seminar/ Conference</i>	<i>Internat./ National/ Regional</i>	<i>Attended/ Paper Presented</i>	<i>Title of Paper</i>	<i>Date</i>
Recent Trends in Mathematics and Actuarial Sciences	National	Attended		February, 20-21, 2010
Advances in Complex Analysis and Special Functions	National	Attended		March, 12-13, 2011
Recent Trends in Mathematics	National	Attended		27 May, 2012
Complex Analysis in Honor of Late Prof. K. S. Padmanabhan	National	Attended		08-09 March, 2014
Special Functions and Their Applications	International	Paper Presented	New Subclass of starlike Functions With Negative Coefficient Associated With q-Fractional Operator	September, 10-12, 2015
भारत में मानवाधिकार: परिवेश एवं परिप्रेक्ष्य	National	Paper Presented	भारतीय सं कृ ष्णें मानव अधिकार	09 January, 2016
Human Rights : Implementation and Challenges	National	Paper Presented	Human Rights and Society Relationship	05-06 September, 2016
Science and Technology The Indian Perspective	National	Paper Presented	Nanotechnology Contributions For Green And Sustainable Growth	16-17 September, 2016
शिक्षा में परीक्षा सुधार	National	Paper Presented	मूल्यांकन में नवाचार	05-06 December, 2016
मानवाधिकार: नारी- सशक्तिकरण एवं सामाजिक परिवर्तन (अंतःविषयक दृष्टिकोण)	National	Paper Presented	मानवाधिकार एवं महिला सशक्तिकरण	18 January, 2017

Environmental Impact on biodiversity,Sustainability and Quality of Life	International	Attended		February, 16-18, 2017
“Excellence in Higher Education” The Road Ahead	National	Paper Presented	Research in Higher Education	26-27 September, 2017
Special Functions And Applications	International	Paper Presented	Subclass Of Univalent Functions Associated With Fractional Operator	November 02-04, 2017
Coping Change Through Innovation and Value Creation For society	International	Paper Presented	On A new Subclass of Multivalent Functions Defined by Generalized Ruscheweyh Derivatives	22-23 December, 2017
Recent Trends in Science and Social Science in Sustainable Development	National	Paper Presented	Nanotechnology : An Introduction And Its Application	22-23 January, 2018
Computational and Mathematical Sciences	National	Paper Presented	Mathematical Modelling	30-31 March, 2018
Advances in science and Technology – an interdisciplinary Approach	National	Paper Presented	The Use Of Reed Beds for the treatment of Sewage and Waste water from Domestic households	15-16 October, 2018
Sustainable Future: Global Challenges For Environment protection and Social Development	National	Paper Presented	शहरीकरण का पया वरप्पर दु प्रभाव और वि व पर प्रयास	10-12 January, 2019
Mankind at Crossroads: Challenges and Solutions	International	Paper Presented	Waders Diversity Of An Urban Wetland In Ajmer District	17-18 January, 2019
e- Learning and Moocs in Higher Education	National	Attended		16 March, 2019
Embracing the other: Rediscovering Mahatma Gandhi and the power of Non-Violence	International	Paper Presented	समसामयिक पर्यावरण संकट एवं गांधी विचारों की प्रासंगिकता	20-21 September, 2019
Changes in Lifestyle Influencing Adolescent Health	National	Paper Presented	Awareness and preventing adolescent health problems	28-29 September, 2019

Socio – Cultural and Technological Transformation: Global and Indian	International	Paper Presented	Socio- Cultural Impact Of Globalization in India	11-12 October, 2019
<i>Name of E-Seminar/ Webinar/Conference</i>	<i>Internat./ National/ Regional</i>	<i>Attended/ Paper Presented</i>	<i>Title of Paper</i>	<i>Date</i>
A NATIONAL SEMINAR ON COVID 19-THE ISSUES AND CHALLENGES BEFORE HIGHER EDUCATION	National	Attended		16-22 MAY 2020
How to Write a Research Paper	National	Attended		30 May, 2020
“Environment and Ecosystem in The existing COVID-19 Era”	National	Attended		04 June, 2020
“Environment and Sustainable Development”	International	Attended		05 June, 2020
Conservation and Safety of Environment: Current Scenario and Future Strategies	International	Attended		05 June, 2020
Environmental Issues and Opportunities after COVID-19	National	Attended		14 June, 2020
“Prospects of Teaching and Learning Processes in Higher Education: Post Covid-19 Scenario”	National	Attended		21 June, 2020

9 Research Publications

<i>Title of Paper</i>	<i>Name of Journal with Impact factor & ISSN No.</i>	<i>Volume and No. with Year</i>	<i>Citation Index</i>	<i>Impact Factor</i>	<i>Google Index</i>
New subclass of univalent function associated with a fractional calculus operators	International Journal of Advanced Research and Development ISSN NO: 2455- 4030	Volume 2, Issue 4, July 2017 pp. 299- 304		Impact Factor: RJIF 5.24	
A New Subclass of Meromorphic Starlike Functions Associated with Q-Hypergeometric Functions	International Journal on Future Revolution in Computer Science and Communication Engineering ISSN NO: 2454- 4248	Volume 3, Issue 8 August 2017			
On A new Subclass of Multivalent Functions Defined by Generalized Ruscheweyh Derivatives	International journal Of Trend in Research and Development ISSN: 2394- 9333	Volume 4(5) Sep.- Oct. 2017			

On Certain Subclasses of Univalent Functions with Negative Coefficients and (m,q) -Starlike with Respect to Certain Points	International Journal Of Research and Analytical Reviews E ISSN: 2348- 1269 PRINT ISSN: 2349- 5138	Volume 4, Issue 3, July- Sep. 2017			
Duality of “Some Famous Integral Transforms” from the polynomial Integral Transform.	International journal Of Mathematics Trends and Technology ISSN NO: 2231- 5373	Volume 55, Number 5, March 2018			
Mahgoub Deterioration Method and its Application in Solving Duo-combination of Nonlinear PDE’s	Mathematical Journal Of Interdisciplinary sciences ISSN: 2278-9561 (Print) ISSN: 2278-957X (Online)	Vol. 7, No. 1, Sep. 2018, pp. 37-44			
A Study of Homotopy Perturbation Method and Homotopy Perturbation Mahgoub Transform Method	International Journal Of Management, Technology and Engineering ISSN NO.2249-7455	Volume IX, Issue IV, April / 2019			
The Mohand Transform of Derived Function Demonstrated by Heaviside Function	International Journal Of Management, Technology and Engineering ISSN NO.2249-7455	Volume IX, Issue IV, April / 2019			
A study of Kamal Homotopy Perturbation Method for Advection Problems	International Journal Of Management, Technology and Engineering ISSN NO.2249-7455	Volume IX, Issue IV, April / 2019			
Chain of Kamal Transform and Homotop Perturbation Method for Solving Burger’s Equation	International Journal Of Research in Electronics and Computer Engineering ISSN: 2393-9028 (Print) ISSN: 2348-2281 (Online)	VOL. 7 ISSUE 2 (APRIL- JUNE 2019)			
The Mahgoub Transform of Derived Function Demonstrated by Heaviside Function	International Journal Of Research in Electronics and Computer Engineering ISSN: 2393-9028 (Print) ISSN: 2348-2281 (Online)	VOL. 7 ISSUE 2 (APRIL- JUNE 2019)			

10 Research Projects:

<i>Title of the Project</i>	<i>Year</i>	<i>Name of funding agency</i>	<i>Fund available/ utilized</i>	<i>Present status</i>
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11 Research Supervision:

- *Basic Field of specialization:*

❖ **Ph.D.**

<i>Name of Student</i>	<i>Title of thesis</i>	<i>Present status</i>	<i>Date and Year of Award, if so</i>
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❖ **M. Phil.**

<i>Name of Student</i>	<i>Title of Dissertation</i>	<i>Present status</i>	<i>Date and Year of Award, if so</i>
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12 Monograph/ Book / Chapter (in Edited Book) Writing:

- *Book (Single Author)*

<i>Title of Book</i>	<i>ISBN/ ISSN No.</i>	<i>Publisher with Place</i>	<i>Year of Publication</i>
Abstract Algebra	ISBN 978-93-88031-33-2	Baba Publication, choura Rasta , Jaipur	2019

- *Chapter(s) in Book (Edited / multi-author)*

<i>Title of Chapter</i>	<i>Authors / Editors</i>	<i>Name of the Book with ISBN/ ISSN No.</i>	<i>Publisher with Place</i>	<i>Year of Publication</i>
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13 Sports Activities:

<i>Sr. No.</i>	<i>Date</i>	<i>Name and Place of Sports Activity</i>	<i>Level</i>	<i>Organizing Institution</i>	<i>Position Secured/ Winner/Runner-up</i>
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14 Extra Curricular Activities:

<i>Sr. No.</i>	<i>Date</i>	<i>Name of Activity</i>	<i>Level</i>	<i>Organizing Institution</i>	<i>Position Secured</i>
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