


Faculty Profile

Name :	Dr. Jaysan H. Shukla	
Date of Birth :	22 Jan 1985	
Educational Qualifications:		
-Ph.D. (University)	Ph.D. in Mathematics, Rai University, Ahmedabad.(2015-2019)	
-Master's (University)	M.Sc. in Mathematics, Sardar Patel University, Vallabh Vidya Nagar.2008	
-Bachelor's(University)	B.Sc. in Mathematics, Sardar Patel University, Vallabh Vidya Nagar.2006	
-Any Other:	M.Phil. in Mathematics, Sardar Patel University, Vallabh Vidya Nagar.2010	
Area of Specialization :	Applied Mathematics.	
Date of Joining (LJIET)	16 Jan 2012	
Present Position :	Assistant Professor	
Contact Details:		
-Address :	B1-503,Sunreal Homes, Off G.S.T. Overbridge, Near Shriram Vatika, New Ranip,Ahmedabad-382480.	
-Email	<u>Jaysan.shukla@ljinstitutes.edu.in</u>	
-Phone	(R) --- (M) +91 909 970 1954	
Work Experience :	Teaching (12 Years 02 Months) Industrial(--), Research & Development(--)	
Subjects taught :		
-Under Graduate level	G.T.U. Mathematics for 1st & 2nd Year (1st, 2nd, 3rd & 4th Sem), G.U. Mathematics for 1st & 2nd Year (1st, 2nd, 3rd & 4th Sem).	
-Post Graduate level	M.C.A. CONM	
Area of Specialization in your field	Cosmology, Algebra, Computational and Numerical Methods for advanced Mathematics.	
A brief account of work done by you in the M. Phil. and Ph.D.	“Eigen Value of Weyl Tensor from Petrov’s Classification in Einstein’s Field Equations” [M.Phil]. “Eigen Values of Some Classical Matrices and Applications in Life” [Ph.D]	
New Technologies /methods developed by you	--	
Scale up and Technology Transfer	--	
Industrial Projects Carried Out : (No.)	--	
Revenue/Royalty earned by the Organization in Indian Rupees	--	
No. Government funded Projects undertaken by you and their total value	--	
Research Guidance :		
-Master's	Dr Ramesh Tikekar / Dr A.H. Hasmani.	
-Guide for PhD	Dr Pradeep J. Jha	
Summer/Winter/School/Conference/ Workshops attended:	8	
Summer/Winter/School/Conference/ Workshops Conducted:	0	

Patents taken/applied for:

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Publications: No of books: 0 (all international)

Research Papers : 5

“Chi Square Test Applied on Beta Average Matrices of Biorhythmic Trends Observed in Classified Groups” –Jaysan H. Shukla and Dr. Pradeep J. Jha

International Journal of Applied Mathematics & Statistical Sciences

ISSN (P): 2319-3972; ISSN (E): 2319-3980 Vol. 5, Issue 6, Oct - Nov 2016; 71-78 © IASET

http://www.iaset.us/archives?jname=45_2&year=2016&submit=Search&page=3

“A study of spiritual factor in enhancing basic reflexes” –Jaysan H. Shukla and Dr. Pradeep J. Jha

International Journal of Advanced Science and Research

ISSN: 2455-4227, Impact Factor: RJIF 5.12 Volume 2; Issue 4; July 2017; Page No. 13-18

<http://www.allsciencejournal.com/archives/2017/vol2/issue4>

“R . C Matrices: A journey from 3-D to n-D” –Jaysan H. Shukla and Dr. Pradeep J. Jha

International Journal of Advanced Research and Development

ISSN: 2455-4030 Impact Factor: RJIF 5.24 Volume 2; Issue 6; November 2017;

Page No. 581-592

<http://www.advancedjournal.com/archives/2017/vol2/issue6>

“Factors of bio-rhythms and applications to *PCA” –Jaysan H. Shukla and Dr. Pradeep J. Jha

International Journal of Statistics and Applied Mathematics

ISSN: 2456-1452 Maths 2018; 3(2): 484-491 © 2018 Stats & Maths

<http://www.mathsjournal.com/archives/2018/vol3/issue2/PartG>

“R.C MATRICES – 3 X 3 ↔ N X N, GRAPHS, SALIENT FEATURES, AND EIGEN VALUES”- Jaysan H. Shukla and Dr. Pradeep J. Jha

IMPACT: International Journal of Research in Engineering & Technology

ISSN(P): 2347-4599; ISSN(E): 2321-8843 Vol. 6, Issue 10, Oct 2018, 11-20 © Impact Journals

<http://www.impactjournals.us/archives/international-journals/international-journal-of-research-in-engineering-and-technology?page=28>

Conferences ,Workshops and Seminars

“Advanced in Pure And Applied Mathematics” 22nd Annual Cum 6th International Conference of The Gwalior Academy of Mathematical Sciences December 2017, Ganpat University, Mehsana Urban Institute of Sciences, Kherva, Mehasana, Gujarat, India

Notable Achievements and activity executed:

- Reviewer of 10 Standard and 12 Standard (Science Stream) Mathematics Textbook for G.S.S.T.B. Since 2011.
- Coordinator of “JIVAN GHADTAR SHIBER” under “VANCHE GUJARAT” College level held at MAHTMA MANDIR, Gandhinagar, February, 2011.
- Coordinator of G.T.U. Table Tennis Team Selection for A.I.U. and “Spirit 2011-12”.
G.T.U. Table Tennis Coach For ‘Association India University West Zone Table Tennis’, Sagar , M.P. ,India.
- Coordinator of Technological- cultural festival ‘RHAPSODY ’at IITE, during 2010-2011.
- Coordinator of Technological- cultural festival ‘TECHVENTTURE-12’, ‘LUMINA-12’ and Sport summit ‘AGONE-12’ at LJIET during 2011-2012.

Association with Professional Bodies

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Grants Received/Fetched:

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Consultancy and Expertise available for industries

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