

Brief Profile of

# Parag K. Vyas,

Born October 1<sup>st</sup>, 1966

## Academics

<b>Academic Qualifications</b>	<b>Doctor of Philosophy</b> <b>Indian Institute of Technology, Bombay, Powai.</b>	2012
	<b>Master of Design (ID) from IDC, IIT Bombay, Powai.</b>	1992
	<b>Bachelor of Engineering (Honors), Mechanical Engineering</b> Dr. H.S. Gaur University, Sagar, Madhya Pradesh.	1988

## Publications

<b>Books</b>	<b>“Kundan Jewellery”</b> , Konark Publishers Pvt Ltd, New Delhi, Seattle, 2013. ISBN - 9789322008246	Monograph
	<b>“Pragmatism in Making Policies: Insights from the Domain of Gems &amp; Jewellery”</b> , 2014, (Governometrics & Technological Innovation for Public Policy Design & Precision ISBN 978-1-4666-5146-3)	Co-Author Section 3 Chapter 13
<b>Research Papers</b>	<ol style="list-style-type: none"><li>1. “Understanding Features of Form in Fine Jewellery, by Overt Eye Movement Studies-Catch People Watching Jewels”, 2007, (Development in Agriculture and Industrial Ergonomics, Volume-1, HWWE 2007, Bhopal ISBN - 978-81-8424-448-9)</li><li>2. “Identification and Classification of Semantic Units Used in Formation of Patterns in Kundan Jewellery, a Methodical Approach”, 2010, (Design Thoughts, 2010, IDC, IIT Bombay ISBN - 978-81-906815-0-6)</li><li>3. “Investigation of Form Clusters Made of Smallest Semantic Units and Patterns they Create as Building Blocks of Kundan jewellery”, 2011, (Research into Design, Supporting sustainable product development, Research Publishing, ICORD 2011, Bangalore ISBN - 978-981-08-7721-7)</li><li>4. “Design Approach to Kundan Jewellery-Development of A Tool to Study Preferential Likeness of Articles using Mother Grid and Form Clusters in A Methodical Manner”, 2011, (Research into Design, Supporting sustainable product development, Research Publishing, ICORD 2011, Bangalore ISBN - 978-981-08-7721-7)</li><li>5. “Kundan Jewellery and Design - A Research Agenda for SME Jewellery Manufacturers”, 2012 (International Journal of Enterprise Network Management ISBN-1748-1252/60)</li></ol>	

	<ol style="list-style-type: none"> <li>6. "A Structure for Classification and Comparative Study of Jewellery Forms", 2013, (ICORD 2013, Global Product Development ISBN 978-81-322-1049-8)</li> <li>7. "A Comparative Study of Traditional Indian Jewellery Style of Kundan with European Master Jewellers, A Treatise on Form and Structure", 2013, (ICORD 2013 Global Product Development, ISBN 978-81-322-1049-8)</li> <li>8. "Three Dimensional Form Giving of Kundan Jewellery—A Parametric, Cluster Based Approach to Jewellery Design and Prototyping", 2015 (ICoRD'15 – Research into Design Across Boundaries Volume 2 ISBN 978-81-322-2228-6)</li> <li>9. "<i>Kundan</i> Jewellery Design-Diverse Style of Form Clusters a Methodical Study of Their Characteristics", 2015 (ICoRD'15 – Research into Design Across Boundaries Volume 2 ISBN 978-81-322-2228-6)</li> <li>10. "Taxonomy of Jewellery Manufacturing Processes According to Root Processes", 2019 (ICoRD'19)</li> <li>11. "Proposal of a Model to Measure Diverse Factors Influencing Value Addition in Jewellery", 2019 (ICoRD'19)</li> <li>12. "Proposition of a Selection Matrix for Use of Non-Conventional Materials in Jewellery and Ornamental Applications", 2019 (ICoRD'19)</li> <li>13. "Manufacturing Processes to Get Super Finish – Defining Surface Quality Parameters &amp; their Interrelationship" – In Process</li> <li>14. "Jewellery Manufacturing Processes to Get Super Finish - Methodical Design of (Efficient &amp; Effective) Finishing Processes &amp; Horizontal Deployment Through Benchwork &amp; Polish Lathe" – In Process</li> </ol>
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## Professional Qualifications

<p><b>Industrial Design</b></p>	<p>Runs an Industrial and Graphic Design Studio, <b>Grau Bär Design</b>, manufacturing unit to make fine jewellery, <b>Gana Jewelz</b> &amp; a unit for making tools, <b>Divyastra Toolz</b></p> <p>Working as Industrial designer for:</p> <ul style="list-style-type: none"> <li>- Titan Ind. Ltd. – Jewellery Division (Hosur, Pantnagar &amp; Dehradun )</li> <li>- Hidustan Unilever limited, Bangalore</li> <li>- Gem &amp; Jewellery Export Promotion Council, Southern Region</li> <li>- CIIE, IIM, Ahmedabad</li> <li>- GIAN/NIF/ Honeybee Network, Ahmedabad</li> <li>- Imaginarium Pvt. Ltd., Mumbai</li> <li>- Nivo Controls Pvt. Ltd., Indore</li> <li>- Scientific Mes Technik Pvt. Ltd., Indore</li> <li>- Crompton Greaves, Railway Signaling Division</li> <li>- Quanta laser, Indore</li> <li>- DC Design, Pune</li> <li>- Toshbro Controls Pvt. Ltd., Mumbai</li> <li>- Sumeet Research and Holdings Ltd., Madras</li> <li>- Plugra, Shroffs Engineering Pvt. Ltd., Baroda</li> <li>- Pilot Industries, Coimbatore</li> <li>- Ferro Concrete Pvt. Ltd., Indore</li> <li>- Signet Fincom , Indore</li> <li>- Electrocomp, Indore</li> <li>- Powertech Electronics, Indore</li> <li>- Brilliant SARE Reality, Indore</li> <li>- Sanghvi Institute of management &amp; Science, Indore</li> <li>- Symbol &amp; Forthought, Mumbai</li> </ul> <p>works on product design, corporate design, and visual identity programs for clients.</p>																			
<p><b>Works &amp; Hon'ble Positions</b></p>	<table border="1"> <tr> <td data-bbox="453 1160 1262 1227">Member of Senate <b>NID, MP</b> as nominee of the Chairperson, Governing Council</td> <td data-bbox="1262 1160 1422 1227">2020</td> </tr> <tr> <td data-bbox="453 1227 1262 1294">Complete Corporate Identity &amp; Logotype for <b>NID, Bhopal</b></td> <td data-bbox="1262 1227 1422 1294">2019</td> </tr> <tr> <td data-bbox="453 1294 1262 1384"><b>Industry Advisory Board</b>, National Institute of Design, Vijayawada</td> <td data-bbox="1262 1294 1422 1384">May 2018</td> </tr> <tr> <td data-bbox="453 1384 1262 1473"><b>Governing Body Member</b>, Indian Diamond Institute, Surat</td> <td data-bbox="1262 1384 1422 1473">Feb 2018- Onwards</td> </tr> <tr> <td data-bbox="453 1473 1262 1552"><b>Factory Layout Advisor</b>, Eicher, Labeled &amp; Hettich, Pithampur</td> <td data-bbox="1262 1473 1422 1552">2018</td> </tr> <tr> <td data-bbox="453 1552 1262 1664"><b>Toolkit, Product &amp; Craft Development &amp; Production</b>, Shivganga Bamboo Cluster, Jhabua &amp; Meghnagar</td> <td data-bbox="1262 1552 1422 1664">2017- Onwards</td> </tr> <tr> <td data-bbox="453 1664 1262 1821">Keynote Speaker at International Conference on “<b>Environmental Impact on Biodiversity, Sustainability and Quality of Life</b>”. Organized under the aegis of UPE “<b>Study of Ecology and Economy</b>” ICEIBSQL-2017, Jaipur</td> <td data-bbox="1262 1664 1422 1821">2017</td> </tr> <tr> <td data-bbox="453 1821 1262 1910">Served as Jury Member, <b>World Skills International</b>, London UK, Leipzig Germany &amp; Sao Paolo, Brazil</td> <td data-bbox="1262 1821 1422 1910">2011,2013, 2015</td> </tr> <tr> <td data-bbox="453 1910 1262 1986"><b>Member Senate</b> PDPM IIITDM, Jabalpur</td> <td data-bbox="1262 1910 1422 1986">2011-13</td> </tr> </table>	Member of Senate <b>NID, MP</b> as nominee of the Chairperson, Governing Council	2020	Complete Corporate Identity & Logotype for <b>NID, Bhopal</b>	2019	<b>Industry Advisory Board</b> , National Institute of Design, Vijayawada	May 2018	<b>Governing Body Member</b> , Indian Diamond Institute, Surat	Feb 2018- Onwards	<b>Factory Layout Advisor</b> , Eicher, Labeled & Hettich, Pithampur	2018	<b>Toolkit, Product &amp; Craft Development &amp; Production</b> , Shivganga Bamboo Cluster, Jhabua & Meghnagar	2017- Onwards	Keynote Speaker at International Conference on “ <b>Environmental Impact on Biodiversity, Sustainability and Quality of Life</b> ”. Organized under the aegis of UPE “ <b>Study of Ecology and Economy</b> ” ICEIBSQL-2017, Jaipur	2017	Served as Jury Member, <b>World Skills International</b> , London UK, Leipzig Germany & Sao Paolo, Brazil	2011,2013, 2015	<b>Member Senate</b> PDPM IIITDM, Jabalpur	2011-13	
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	<b>Visiting Professor</b> PDPM IIITDM, Jabalpur	2011- 15
	<b>International Design Workshop</b> DeW 2012, PDPM IIITDM, Jabalpur Keynote Speaker	2012
	Visiting faculty, <b>National Institute of Design, Ahmadabad</b>	2003- Onwards
	Helped Establish Workshops and Training Personnel, <b>NID, Gandhinagar</b>	2008
	Resource Person, IDC, <b>IIT, Bombay</b> , conducted workshops on Jewellery Making Techniques	2006- Onwards
	Senior Empanelled Designer, <b>National Institute of Design, Ahmadabad</b>	2002- continued
	<b>Cluster Development</b> at Tikamgarh (metal work) and Hoshangabad (wood craft), Madhya Pradesh on behest of MPHEHVN, through NID	2004
	Visiting faculty, <b>SDPS Women's college, Indore</b> , established two workshops for prototyping engineering plastics and fine woodworking.	2005-2007
	Member Advisory committee <b>Shishukunj International School, Indore</b>	2005- Onwards
	Worked at <b>Neumeister Design, Munich, Germany</b> Projects: <ul style="list-style-type: none"> <li>- French Railways SNCF</li> <li>- Dornier Medicine Technique</li> <li>- Kontron Electronics</li> <li>- Knorr Bremse Electronic</li> </ul>	1994
	Worked on Bamboo products, for a project <b>sponsored by Department of Science and Technology</b> . Working on product development, treatment and finishes. Developing strategies for working in rural areas and exploring export potential at <b>IDC, IIT Bombay, Powai</b> .	1992-93
<b>Interests</b>	Working towards the development of handicraft and training people for fine crafts in India, especially central India.	

## **Jewellery Domain** - Core strengths

1. Fine Jewellery and Manufacturing technology
2. Strong background of formal Brilliant cut diamonds
3. Technical detailing and specification sheets for fine jewellery
4. Micro finishing & Precision handwork

<b>Works</b>	He has Taught <b>Fine Jewellery making &amp; Diamond Polishing</b> in New Bombay and set up two fine jewellery making units during that period of time.	1995-97
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<b>Academics</b>	Visiting faculty, <b>National Institute of Design, Ahmadabad</b> in departments of lifestyle & Accessory design, New Media, Product design and Toy & game Design.	2003-continued
<b>Research</b>	His research in domain of jewellery is founded on a background of diamond polishing industry.	

## Training Workshops & Seminars

<b>Workshops &amp; Seminars</b>	Online Pan India Seminar, <b>Gem &amp; Jewellery Export Promotion Council</b>	2020
	Online Seminar on Properties of Jewellery and Manufacturing Processes for <b>Titan Industries Ltd, Hosur</b>	2020
	6 Months Training Program for <b>Titan Industries Ltd, Hosur</b> at <b>Grau Bär Design Studios:</b> Program Name: <b>Training of Trainers</b>	2018
	6 Months Training Program for <b>Titan Industries Ltd, Hosur</b> at <b>Grau Bär Design Studios:</b> Program Name: <b>Tool Makers</b>	2018
	Craftsmen Training Programmes, <b>Shivganga Bamboo Cluster, Jhabua</b>	2017- Onwards
	Trained 4 champions for The World Skills International Competition at behest of <b>Gem &amp; Jewellery Skill Council of India</b>	2012-2017
	Trained 4 champions for The World Skills International Competition at behest of <b>Gem &amp; Jewellery Export Promotion Council</b>	2011-2012
	Training & Skill Enrichment Program for Artisan by Introduction of New Forms for Sea Shell Products. At Port Blair, Andaman and Nicobar islands at behest of <b>Gem &amp; Jewellery export Promotion Council</b> , southern Region.	2010, 2012
	Training & Skill Enrichment Program For Artisans By Introduction of New tools and techniques for woodworking. At Studio Grau Bär Design, Indore, at behest of <b>MPHEHVN</b> , Bhopal M.P.	2010
	Faculty for student group At National Institute of Design Ahmedabad that designed crowns and Tiaras for Miss India competition	2010
Abhushan Craft Exchange Workshop, Organized by the Gem & Jewellery Export Promotion Council	2011	

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**Communication** (\*preferred mode cell phone)