DR. VINOD VIDWANS
M. Des. Ph. D. (IIT Mumbai), India

Qualifications

Doctor of Philosophy, 1997
Department of Humanities and Social Science, Indian Institute of Technology, Mumbai

Master of Design (Visual Communication), 1987
Industrial Design Centre, I. I. T. Mumbai
(Specialization in Computer Graphics and Communication through Video)

Master of Fine Arts, (Portrait Painting), 1984
Nagpur University
(Topped the University merit list across the Depts. of Painting, Music and Dramatics)

Bachelor of Fine Arts, 1982, Nagpur University

Fellowships & Scholarships

Research Fellowship for Ph. D. at I. I. T. Mumbai (1989-1994)
Research Scholarship for Master of Design. at I. I. T. Mumbai (1985-1987)
Junior Research Fellowship (JRF) of the U. G. C., New Delhi in Fine Arts (1985)
Merit Scholarship and Free-ship for Bachelor of Fine Arts (1978-1982)

Academic Experience

March'08-Till Date
Professor at FLAME School of Communication, Pune

Courses: Creativity and Innovation for Entrepreneurship, New Media Design, Indian Philosophy: Yogasutra, Philosophy of Bhagavad Gita

April'02-Jan'08
Senior Faculty at National Institute of Design, Ahmedabad
Advisor, Design Foundation Programme, NID
Coordinator, Department of Software and User Interface Design
Coordinator, Department of Information and Digital Design
Coordinator, Department of New Media Design

Seminal contribution in the establishment of the above programmes

Courses:
Elements and Principles of Design, Creative Composition, Information Design, Instructional Design, Typography, System Design- Game Design, Research Methodology for Design, Design Cognition, Space Form and Structure

Final Diploma Projects Guidance: More than 40 students so far from various disciplines including Graphic Design, New Media Design, Information and Digital Design, Software and User Interface Design, Product Design, Toy Design at NID Ahmedabad

June'88-Jan'89
Lecturer at Post Graduate Teaching Department of Fine Arts, Nagpur University, Nagpur.

July'84-June'85
Lecturer at Post Graduate Teaching Department of Fine Arts, Nagpur University, Nagpur.

Visiting Professor

Dec. 2010
CEPT University, Ahmedabad
Conducted a session on Research Methodology for Ph. D. students

Aug. 2010
Institute of Design, MIT, Pune
Conducted sessions on Design Semiotics

Oct. 09
Symbiosis Institute of Design, Pune
Conducted courses on Creativity and Innovation

Sept. 09
Industrial Design Center, Indian Institute of Technology, Powai, Mumbai.
Conducted sessions on Research Methodology for doctoral students.

Feb.'08
D J Academy of Design, Coimbatore
Conducted courses on:
Research in Design and Design Semiotics

Jan.'08
Pt. Deendayal Petroleum University, Gandhinagar,
Conducted course on:
Creativity and Aesthetics

July'06-Dec'06
Indian Institute of Management, Ahmedabad
Co-conducted two courses titled:
Managing and Creating Creativity
Competitive Advantage through Design

March 06 and Sept' 04
Indian Institute of Technology, Kanpur, India

Conducted courses on Creativity and Instructional Design

Sept' 98
Indian Institute of Science, Bangalore
Conducted a Creativity Workshop for M. Des. Programme

Research and Publications:

Doctoral Research Guidance:
Guide for doctoral researchers at CEPT University, Ahmedabad

Long-Term Research Projects:
He is working on two long-term projects for more than twenty years out of personal interest.

Computational Indian Classical Music: Research focuses on designing and developing a creative intelligent expert system for Indian Classical Music using principles of Artificial Intelligence (AI). The research led to the development of a computational theory of Indian classical music. More information is available on the website: http://www.computationalmusic.com/

Indian Language Technology: Research focuses on understanding structure of Indian languages from computational point of view. In this context following research project was carried out at NID Ahmedabad during the year 2004-5.

Title of the Research Project: Design and Development of Multilingual Technology for Indian Languages

Principal Investigator- Dr. Vinod Vidwans

The research focused on glyph analysis of major Indian languages. The research culminated in comprehensive glyph analysis with hierarchy of glyph-usage across major Indian languages and a proposal for innovative key-board designs.

Other Research Responsibilities at NID Ahmedabad:
Vice-chairman Dept. of Research, NID for two years

Design & Development of Competency-based Grading System for NID, Ahmedabad. The research involved the study of design-specific pedagogical strategies and evaluation methods.

Doctoral Research
Jan. 89-Dec. 94
Doctoral Research at IIT (Mumbai)

Thesis Title: Characterizing Creativity as Design-Intelligence: A Philosophical Analysis
The thesis puts forth a paradigm that defines creativity as design-intelligence and considers it as an activity of the dynamical system of human mind. A critical explication of various dimensions of this activity opens up possibilities of transforming cognitive patterns of a person. This

perspective provides the necessary foundations for pedagogy of creativity. The study expounds generic patterns of creativity common across all creative expressions including artistic, scientific and managerial creativity.

Conference Referee

Referee for the `**ICoRD'11** : An International Conference on Research into Design, to be held at IISc, Banglore in January 2011.

Referee for the `**ACM IITM 2010**': An International Conference on Intelligent Interactive Technologies and Multimedia, to be held at Indian Institute of Information Technology Allahabad (IIIT-A) in December 2010.

Conference Papers

`Computational Music', a paper presentation at Acharya Institute of Media Studies, Bangalore (2010)

Poster paper titled `Intentionality and Creative AI Systems' in KBCS-96 organized by NCST, Mumbai (1996)

`Logical Foundations of Indian Classical Music' in the congress of Traditional Sciences and Technologies of India held at I. I. T., Mumbai (1993)

Publications

In press:
Graphic Design for Std. XII (A Text Book),
NCERT, New Delhi, Member, Text Book Writing Committee

Published:
Graphic Design for Std. XI (A Text Book),
NCERT, New Delhi, Member, Text Book Writing Committee

International Publication: `*Expressing with Grey Cells: Indian Perspectives on New Media Arts*', a chapter in the book titled- `**Educating Artists for the Future**', (Ed.) Mel Alexenberg, Intellect Books, UK, May 2008.

`Criteria of creativity' in Indian Philosophical Quarterly, July-August 1997.

Industry and Professional Experience:

Dec'97-April'02

Manager and Head Content Design and Development, ETH Research Lab, DishnetDSL, Pune.

Responsibilities:

1. Research on pedagogy and instructional design for various media. Design and development of educational content for Internet and multimedia, e-learning and CBT.
2. Management and Development of three Internet portals on Education, Agriculture and Indian Heritage.
3. Design and development of `**Sharada**' multilingual technology for Indian languages,
4. Communication and instructional design for multimedia CD ROM on computer literacy programme titled `**COMPLIT**'. Presently this programme is acquired by **Govt. of Maharashtra (Maharashtra Knowledge Corporation Ltd.)** and renamed as **MS-CIT** and has now **more than five million users**.

Jan 95-Dec.97
Design and Creativity Consultant- Conducted a series of Creativity workshops for Industry

Nov.'87-May'88
Documentation Officer at South-Central Zone Cultural Centre, Nagpur. Documented the Bhakti Sampraday Lok Kala Mahotsav held at 14 places in Maharashtra and Karnataka.

July'87-Nov.'87
Design Associate at Industrial Design Centre, I. I. T., Mumbai. Produced a documentary titled `The Joining Hands' and an audio-visual presentation for Spastic Society of India, Mumbai.

Committee Member

Member, Text Book Writing Committee,
Graphic Design for Std. XI-XII, NCERT, New Delhi.

Selection Committee member for National Talent Search Examination (NTS), Ahmedabad-Gandhinagar Division, NCERT, New Delhi.

Member (Invitee), Board of Studies, School of Fine and Performing Arts, Indira Gandhi National Open University, New Delhi.

Member, Board of Studies, Symbiosis Institute of Design, Pune.

Faculty Selection Committee member for Symbiosis Institute of Design, Pune.

Member, Executive Council, FLAME Institute, Pune

Skills
Languages
Proficient in English, Marathi and Hindi. Special interest in Sanskrit
Workshops
Creativity, Dramatics and Calligraphy for various target groups

Computer
Programming with Visual Prolog

Personal Data

Date of Birth
22nd July 1959

Marital Status
Married to a social scientist and has a son.

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