

**Name:**

Mrs. Madhura Parag Mahajan

Designation:

Head of Department

Contact Details:

Email id: mpm_print@pvgcoet.ac.in

Phone Number with extension: 020 24228258 / 65 / 79 Extn : 416

Educational Qualifications:

- M.E. (Printing Engineering), Pune University, Pune, May 2009.
- B.E. (Printing Engineering), Pune University, Pune, August 1994

Experience:

- Industrial: 2 Years
- Teaching: 25 Years
- Research: 10 Years

Research Interests:

- Ink rheology
- Paper Characteristics and its correlation to printing
- Flexible ElectronicsProvide bulleted list here.....

Research Projects:

- To study the factors affecting ink migration in offset Lithographic printing process in association with ITC Paper Paperboards

- To evaluate ink and coating interaction for print mottle effect in commercial offset printing in association with BILT Graphic Papers Limited
- Effect of optical brightening agents on paper on printability in offset printing in association with BILT Graphic Papers Limited and ITC Paper and Paperboards Limited
- Implementation of Extended Color Gamut in Commercial Offset Press
- Implementation of extended color gamut (ecg) for carton packaging by offset process

Field of Consultancy (Aspiring):

- Training in Offset Print Process
- Training in paper and paperboard
- Material testing
- Training on Ink and paper interaction

Consultancy offered:

1-day workshop organized for industry partners from Industry on Cyber Threats and Security in association with Newton's Apple, Pune.

Number of Publications:

International Journal: **03**

National Journal: Nil

International Conference: **03**

National Conference: **02**

Number of PG Students Guided: 02

Recognition/ Awards:

- Recognized as Best Teacher by Late. V.G. Joshi Trust, Pune in 2012
- Recognized for the efforts to conduct Print Olympiad, 3 rounds-competitions for western region printing students
- Presidential Print Award conferred by All India Federation of Master Printers, New Delhi

Professional Society Memberships:

- Imaging Science & Technology, USA
- PRINTING United Alliance, USA

Number of FDPs / STTPs organized: 02

Number of Workshops organized: 20

Number of Conferences / Seminars organized: 20

Number of FDPs / STTPs attended: 02

Number of Workshops attended: 10

Number of Conferences / Seminars attended: 05

Number of Online Certification Courses done: 02

Number of Webinar attended: 20

Number of times served as a Resource Person: 04

Number of times served as a Reviewer / Judge: 02

Details of Research papers published:

- Paper title: Correlation of ink viscosity and printability in offset lithography process on paperboard used in packaging, published in Acta Graphica Vol 29, No 3, 2018
- Paper title: Characterization and optimization of color attributes chroma (C*) and lightness (L*) in offset lithography halftone print on packaging boards, published in Color Research and Application in 2019

Details of FDPs / STTPs attended in the last 5 years:

- 5-days FDP on “Inculcating Universal Human Values in Technical Education” organized by AICTE from 28th September to 2nd October 2020.
- 5-days National level FDP on Online Teaching Tools and Techniques for Printing and Packaging organized by P. V. G’s C. O. E. T, Pune and Avinashilingam University, from 20-24th June 2020.

- 3-Days FDP on Outcome-based Education organized in association with INPODS and IQAC cell of P.V.G's C. O. E. T.

Major Portfolios Handled: (college level and department level)

- Academic Coordinator
- Training and Placement Coordinator
- Head of Department
- IQAC Dean

Role in University Bodies....

- Member Board of Studies – Vocation, Mahaveer Mahavidyalay, Kolhapur (Autonomous)
- Member Technical Advisory Committee, SPPU Press