

**Guidelines for filling data :**

- **Heading 1 style for points and Normal style for data**
- **Font size for data is Arial 12**
- **Delete point which is Not Applicable to you**
- **Educational qualification – Give details as shown in example**
- **Use bullets only if more than one sub-points are there under any point**

**Name:** Dr. Akshay V. Joshi

**Designation:** Assistant Professor

**Contact Details:**

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Phone Number with extension: 020 24228258 / 65 / 79 Extn: 406

**Educational Qualifications:**

- Ph.D. (Engineering), Jadavpur University, Kolkata, May 2015.
- M.E. (Printing Engineering), Pune University, Pune, August 2011
- B.E. (Printing Engineering), Pune University, Pune, April 1994

**Experience:**

- Industrial: 2 Years
- Teaching: 25 Years
- Research: 15 years

**Research Interests:**

- Gravure, Flexography, Flexible Packaging, Print Quality Evaluation

**Research Projects:**

- Research projects were undertaken in the field of Gravure, Flexo, Flexible Packaging, Digital Printing and Print Quality Evaluation.

**Field of Consultancy (Aspiring):**

- Gravure, Flexography, Flexible Packaging, Print Quality Evaluation

**Number of Publications:**

International Journals: 11

International Magazines: 04



International Conferences: 07

National Magazines: 02

**Number of PhD students Evaluated: 02**

**Number of PG Students Guided: 04**

**Recognition/ Awards:**

- Project on Expanded Color Gamut presented by the students under my guidance during the First Online Launch of ECG Work group (<https://pressman-ecgworkgroup.com/>), 18<sup>th</sup> December 2020.
- Recognized Ph.D. Guide and Post Graduate teacher of Savitribai Phule Pune University.
- Nominated as Subject Expert for Research and Recognition Committee, Printing Engineering at Savitribai Phule Pune University.
- Appointed as Coordinator, Board of Studies, Printing Engineering at Savitribai Phule Pune University.
- International Qualification as G7 Expert by Idealliance and Certified for G7 Master Qualifications for the organizations.
- Appointed as Gravure Expert for G7 Implementation in Gravure Printing Process by Idealliance South Asia.
- Implemented First G7 Methodology for Gravure Printing Process in India at Huhtamaki, Khopoli Plant
- Implemented First G7 Methodology for Gravure Printing Process in association with Idealliance Global Partner Siegwerk in India at Parakh Agro Ltd., Bhandgaon, Pune
- Implemented First G7 Methodology for UV Flexo Printing Process in India at Marks Emballage, Baddi, Himachal Pradesh
- Working as a Reviewer for International Journals.
- Completed Ph.D. (Engineering) from Jadavpur University in 2015.
- Appointed as Board Member for Uniform Syllabus in Printing Engineering for Indian Institutes offering Printing Program.
- Member, Board of Studies at DOT Institute of Graphic Arts
- Received Best Teacher Award from Late V. G. Joshi Trust.

- Received Best Project Award from Dr. Abhay Sharma, Chair, Ryerson University, Toronto, at International Color Conference, Mumbai, 2009
- Certified Six Sigma Green Belt, Accredited from ASCB (Europe)
- Instrumental in developing a tie-up with OMNOVA SOLUTIONS INC., USA with sponsorship of almost \$1,50, 000.00 (USD One lakh twenty seven thousand only) for Gravure, Printing Engineering Department and working as a Project Leader for carrying out Research Work in Gravure, Flexo and Packaging field.
- Furnished Gravure & Flexo Printing Lab with Pilot Plant Gravure and Flexo Machine, Flexo Plate Processor, ESA System, Image Analyser, Mottle Tester as a donation or at negligible price.
- Developed and set-up of state-of-art Ink Testing Lab with sophisticated instruments.

#### **Professional Society Memberships:**

- ISTE - Life Membership
- Print-Promotion, Germany

**Number of Workshops organized: 02**

**Number of FDPs / STTPs attended: 06**

**Number of Workshops attended: more than 30**

**Number of Conferences / Seminars attended: more than 30**

**Number of Online Certification Courses done: 03**

**Number of Webinar attended: more than 30**

**Number of times served as a Resource Person: 07**

**Number of times served as a Reviewer / Judge: 06**

#### **Details of Research papers published:**

- Akshay V. Joshi, Kiran Deshpande, K. Panthala Selvan. (2021). Expanded Gamut Printing on a Narrow Web Flexographic Press, TAGA Journal.

- Akshay V. Joshi, Prajakta Shetye, Prathamesh Kolte. (2021). Evaluation of Spot colour Reproduction by Extended Gamut Printing on a Narrow Web Flexography Press, Actagraphica, Volume 30, No 2 (2019), pg. nos. 29 - 40.
- Akshay V. Joshi (2018). Investigation of Half-tone Mottle in Coated Papers by Varying Gravure Process Parameters, Journal of Engineering Science and Technology, Volume 13, No.9, pg nos. 2685 - 2699.
- Akshay V. Joshi (2017). Regression Modelling of Solid Mottle in Coated Papers, Journal of Coatings, Technology and Research, Springer, Volume 14, No.6, pg nos.1447 - 1456.
- Akshay V. Joshi (2016). Statistical Modelling of Print half-tone mottle in PET-G and PVC Shrink Films, Actagraphica, Volume 27, (No 3), pg. nos. 15 - 24.
- Akshay V. Joshi (2016). Effect of Electrostatic Assist and Gravure Process Parameters on Voids and Dot Skips Reduction in Shrink PVC Film, Journal of Coatings, Technology and Research, Springer, Volume 13, No.3, pg nos.527-534.
- Akshay V. Joshi, Christoph Dettke and J.Steingraeber (2016). Investigation of Electrostatic Assist and Gravure Process Parameters on Solid Mottle Reduction for Shrink Films, Journal of Coatings, Technology and Research, Springer, Volume 13, No.2, pg nos.375 - 383.
- Akshay V. Joshi (2015). Impact of Electrostatic Assist on Halftone in Shrink Films, Actagraphica, Volume 26, (No 3), pg. nos. 5 - 15.
- Akshay V. Joshi (2015). Effect of Electrostatic Assist and Gravure Process Parameters on Defect Reduction in Shrink Film, Romancing Print 2015 – 21<sup>st</sup> Century Printing, 1<sup>st</sup> International Research Conference, pg. nos. 177 - 182.
- Akshay V. Joshi and Swati Bandyopadhyay (2015). Effect of Ink Transfer on Print Mottle in Shrink Film, Journal of Coatings, Technology and Research, Springer, Volume 12, No.1, pg nos. 203 - 215.
- Akshay V. Joshi and Swati Bandyopadhyay (2014). Effect of Gravure Process Variables on Void Area in Shrink Film, Journal of Coatings, Technology and Research, Springer, Volume 11, No.5, pg nos. 757 - 764.
- Akshay V. Joshi and Swati Bandyopadhyay (2013).Effect of Gravure Process Variables on Print Defects in Shrink PVC Film, 45<sup>th</sup> IC of Print Media Technology and Management, Toronto, Canada, pg nos. 118 - 125.

- Akshay V. Joshi and Swati Bandyopadhyay (2013). Comparative Study of Printability Analysis on PVC CAST and PET-G Films, International Journal of Advanced Research in Engineering and Technology, Volume 4, Issue 4, pg nos. 208 - 221.
- Akshay V. Joshi and Swati Bandyopadhyay (2012). Evaluation of Voids on Shrink PVC Film, Actagraphica, Volume 23, (No 3-4), pg. nos. 71 - 78.
- Akshay V. Joshi (2009). The Impact of Shore Hardness on Gravure Print Fidelity, GravurEzine, Volume 1, (No 1), pg. nos. 38 - 45.
- Akshay V. Joshi (2007). Impact of Standardized Press Settings on Gravure Print Fidelity, GravurEzine, Volume 2, (No 5), pg. nos. 54 - 59.
- Akshay V. Joshi (2007). Effect of Ink Viscosity on Gravure Print Quality, GravurEzine, Volume 2, (No 3), pg. nos. 20 - 25.
- Akshay V. Joshi (2005). Evaluation of a Gravure Press, Flexo & Gravure Asia, Volume 4, pg. nos. 10 - 12.
- Akshay V. Joshi (2003). Study and Analysis of Gravure Cell Structures, GRAVURE, pg. nos. 46 - 55.

#### **Details of FDPs / STTPs attended in last 5 years:**

- 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, June 20 - 24, 2020.
- Understanding Research Methods Fundamentals of Project Planning and Management on Feb. 5, 2020.
- Fundamentals of Project Planning and Management on Jan. 5, 2020.
- G7 Expert Training organized by Idealliance SA, August 24 - 26, 2019, Mumbai.

#### **Major Portfolios Handled: (college level and department level)**

- Research Coordinator
- Project Coordinator
- Website Coordinator
- Mentor

#### **Role in University Bodies....**

- Member, Academic Council, Savitribai Phule Pune University, Pune

- Member, Research & Recognition (RR) Committee, Savitribai Phule Pune University, Pune
- Coordinator, Board of Studies - Printing Engineering, Savitribai Phule Pune University, Pune
- Member, Board of Studies - Printing Engineering, Savitribai Phule Pune University, Pune