

## DEPARTMENT OF PRINTING AND PACKAGING TECHNOLOGY

### Annual Report 2019-20

#### 1. Academic achievements:

University Rankers:

- 1st. Priyanka Maitra – B.E. Printing & Packaging Technology – CGPI 9.75
- 2nd. Hule Purva – B.E. Printing & Packaging Technology – CGPI 9.53
- 3rd. Shruti Shinde – B.E. Printing & Packaging Technology – CGPI 9.40

#### 2. Collaborative/MOUs':

- ESKO Graphics, Singapore MoU signed for the period between 1<sup>st</sup> Jan, 2020 to 31<sup>st</sup> Dec, 2020 for granting latest Softwares and licences for ArtiosCAD, Deskpack, Studio Designer and Visualizer.
- 5 students underwent 2-month internships at Printweek India, Mumbai in Oct-Nov. 2019 (5-year MoUs were signed in 2017 with the company).
- M/s Bombay Master Printers' Association (BMPA) has instituted a Rs. 1,00,000/- annual scholarship fund to be given to two Outstanding Girl students from PPT. (Rs. 50,000/- each) (MoU has been signed with BMPA for the same in June-July 2019).

#### 3. Department Initiatives:

- Department of Printing & Packaging Technology hosted the prestigious Idealliance South Asia/India/MENA G7 Expert Certification training from 24 to 26 August, 2019. One faculty Prof. Gaurav Fasate was deputed from the PPT Department.



- An Industrial Visit was organized for Second Year PPT students by the Faculty Mr. Gaurav Fasate to the company Decaltech Pvt. Ltd, Bhiwandi on October 12, 2019. This visit was organized to give an insight to the students about the printing industry and its processes. Around 50 students were present for the visit.
- The SMI Scholarship Annual Scholarship Award (Rs. 3,00,000/-) started by Mr. Ajay Mehta, MD of M/s SMI Coated Products Pvt. in the year 2018 has been given to 12 PPT students on need-cum-merit basis (Rs. 25,000/- each) in the year 2019-20 also.
- Out of 66 students who graduated in 2019, 49 have been placed and 12 are pursuing higher studies.

- 46 final year students from PPT 2020 Batch have been successfully placed by PPT department in 23 Printing & Packaging Companies all around India right from Large FMCGs to converters for 6-month Professional Internship from Jan 2020.
- 5 students underwent 2-month internships at PrintWeek India, Mumbai in Oct-Nov. 2019 for assisting in PrintWeek India Awards 2019.



- Shashank Shejwalkar Scholarship of Rs.15,000/- instituted by Mr. Sagar Shejwalkar (Ex-SIESGST PPT Head) in December 2018 was given to a student with all-round performance in academics and extra-curricular activities in the year 2019-20.
- The PPT Department organised the 10<sup>th</sup> edition of IMPRESSIONS on February 17, 2020. This Annual Festival organised by the Students of Printing & Packaging Technology Department, from its inception since 2010, is an event for students to give them opportunity to showcase their technical & non-technical skills.



#### 4. Academic / technical achievements of Students:

- Priyanka Maitra alumna of PPT who passed out in June 2019 was awarded the meritorious Student award with a cash award of Rs.10000/- by the Bombay Master Printers' Association, Mumbai on Sept. 27, 2019.





- Sriganesh Sankar & Abdul Basit from BE-PPT won the first prize (Rs.25,000/-) in P-Pack 2019 National Level Technical Quiz on Plastics in Packaging held on Sept 28, 2019, which saw 15 teams participating from Mumbai, Roorkee, Chennai, Madurai, Valsad, Aurangabad and Jalgaon.



- TEPPT and BEPPT students participated in the intercollegiate competition PRINTERA 2020 held at PVG College of Engineering, Pune on Jan 4 & 5, 2020 and won following prizes:
  1. Yashodhan Parab : 1st in photography
  2. Ashwin Deokar : 2nd in print quiz
  3. Sachin Dhavale : 1st in prepress creativity
- Ms. Shruti Belose and Ms. Arti Desai, second year PPT students under the guidance of Prof. Katyayini Shirur have bagged the Dr. A.P.J Abdul Kalam Young Research Fellowship organised by TERRE Policy Centre in June 2020 for the project "Bio-leather: A Flexible Packaging Material as an alternative for Plastics". The fellowship carries monetary benefit of up to Rs. 10,000/-, along with a citation, scroll and a medallion. This project is an effort to produce a flexible packaging material which can have a better moisture and oil repellence along with desirable physical property using Kombucha Scoby – a mixture of micro-organisms. This is an economical way of producing the material using micro-organisms and agricultural/industrial wastes.

## 5. Cultural achievements of Students:

- Vinay Thakur from B.E PPT won third prize in Clay Modelling at Youth Festival, organized by University of Mumbai on 14 th August, 2019.
- Vinay Thakur from BEPPT secured First prize in Story Writing (District Level) at the 52nd Youth Festival.

## 6. Faculty achievements/Research Grants:

- Dr. Sandesh Ramteke and Prof. Sagar Waghmare were appointed as Visiting Faculty for M.E Plastic Engineering Program at Institute of Chemical Technology, Matunga, Mumbai from July-Dec 2019.

- Prof. Gaurav Fasate got trained and certified with the prestigious G7 Expert certification in August 2019.



- Prof. Shubhangi Kadu was invited as a Chairperson for National Level Technical paper presentation held on September 27, 2019 at Datta Meghe College of Engineering, Navi Mumbai.
- Prof. Katyayini Shirur supervised and completed the Moisture-Sorption Isotherm analysis for Mondelez at SIES School of Packaging along with Prof. Prasad Iyer between Oct-Dec 2019.
- Prof. Prasad B. Iyer was invited as a Panel Moderator at Sofitel, BKC by PrintWeek India for its Circular Economy Forum on Dec 2, 2019.



## 7. Faculty Consultancy Projects:

- A consulting testing project (worth approx. Rs. 8000/-) from Dr. Tarana (Terna Dental College) was successfully completed by Dr. Sandesh Ramteke for tensile pull-out testing of implants on teeth samples Nov-Dec.2019.
- A consultancy project (worth approx. Rs. 75,000/-) from Electronics Enterprises (I) Pvt. Ltd. was successfully completed by Prof. Sagar Waghmare & Prof. Prasad Iyer for Designing & 3D Printing machine components between Oct.2019-Jan 2020.



### 8. Seminars / workshops organised by departments:

- Organized the fifth edition of the highly successful “P-Pack” – National Level Technical Quiz on Plastics in Packaging on Sept 28, 2019, which saw 15 teams participating from Mumbai, Roorkee, Chennai, Madurai, Valsad, Aurangabad and Jalgaon.



- Organised P-Pack Junior for the fifth time in the last 4 years to invite 11<sup>th</sup> and 12<sup>th</sup> standard science students and introduce them to the Printing & Packaging Field with the help of fun technical events and Quiz. About 45 students participated in the event from various junior colleges in Mumbai & Navi Mumbai.



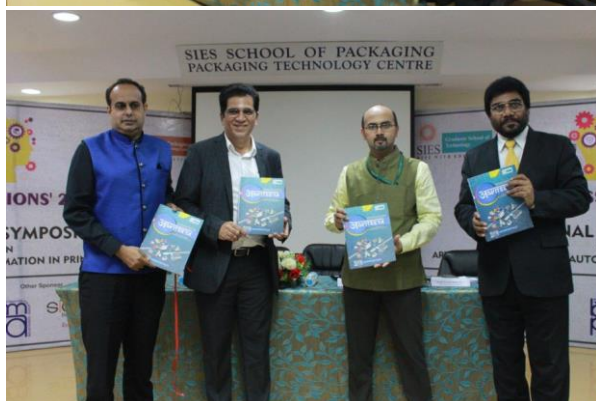
- One-Week AICTE-ISTE approved Short-Term-Training Programme conducted by PPT Department on "Food Packaging & Shelf Life Estimation" between Dec 16 to 21, 2019 attended by 28 participants from Academia and Industry.







- 2<sup>nd</sup> National Symposium was organised by the Department under Impressions 2020 on Feb 29, 2020. This year the theme was “Artificial Intelligence & Automation in Printing & Packaging”, which included Panel Discussions and Expert Sessions by eminent Industry Personnel from the field of Printing & Packaging Technology.



#### 9. Seminars/workshops attended by department by Department faculty:

- Prof. Prasad B. Iyer participated in Pack-Plus Exhibition on behalf of SIES GST PPT Dept. / SIES SOP in New Delhi from August 28 to 31, 2019 for enhancing Brand visibility and publicity for courses, training, testing & consultancy.
- Prof. Prasad B. Iyer and Prof. Sagar Waghmare attended Indian Plastics Institute, Mumbai Seminar at Andheri along with 6 students on the topics of Latest Generation Masterbatches by Mr. Manoj Ghule from Polmann India Ltd. and Effect of Additives on Structure Development and Properties of Semi-crystalline Polymers by Dr. S. Radhakrishnan, Vice President, IPI in August 2019.
- Prof. Sagar Waghmare along with 5 TEPPT students attended the YesGo event on ESKO Design software on Sept. 20, 2019.





- Prof. Prasad B. Iyer and Prof. Sagar Waghmare attended the Design & Innovation seminar conducted at ISDI Parsons, Lower Parel on Oct. 6, 2019.
- Prof. Sagar Waghmare, Prof. Gaurav Fasate and Prof. Prasad B. Iyer attended the Print Innovation Exchange India Summit on Nov. 25, 2019 at Courtyard by Marriott, Mumbai along with 7 students.
- Prof. Prasad B. Iyer attended the Print Week Awards Night on Dec 2, 2019 at Sofitel, BKC.
- Prof. Sagar Waghmare attended the 6 days AICTE-ISTE approved Short-Term Training Programme on “Hands on Modern 3D Modelling and Printing Techniques” at Sardar Patel Institute of Technology, Mumbai from Dec 2 to 7, 2019.



- Dr. Sandesh Ramteke attended one day National Symposium "Cleaner Production & Green Technology" sponsored by IE(I) The Institutions of Engineers (India) South Gujarat Local Chapter on Dec 14, 2019.
- Prof. Prasad B. Iyer attended the orientation session on the Institutional Elective course "Finance Management" conducted by Don Bosco Institute of Technology, Kurla on Jan 22, 2020.



- Prof. Katyayini Shirur, Prof. Shubhangi Kadu and Prof. Gaurav Fasate attended the Print Summit 2020 conducted by the BMPA at Nehru Centre Auditorium, Worli on Jan 23, 2020 along with 17 students.
- All faculty members attended various technical / non-technical webinars including certifications during the period between April & June 2020.

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