

Course for specialist teachers from Iran in Germany 2011

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This year PrintPromotion carried out a separate advanced training course for specialist teachers from professional universities in Iran at the AZP (Ausbildungszentrum für Polygrafie e.V.) training centre in Chemnitz/Germany from 22nd August 2011 to 21st September 2011.



The participants attending this 4-week training came from University of Applied Science & Technology, Mashad Printing Union/ Training Department, Jahan Danesh Technical Inst. as well as Allame tabatabayi university in Tehran and Mashad in Iran.

Most of the participants had already attended the PrintPromotion seminars in Tehran and Mashad earlier this year – which was very helpful in fixing the topics and learning contents for the course.

Excursion week

The 4-week course began with excursions to manufacturers based in the Rhine Main area.

First the group visited IST Metz in Nürtingen where they gained information about UV technology. Specialists from IST explained clearly how UV systems work and showed some UV applications in the printing room. During a company tour the teachers got an idea about lamp manufacturing and reflector coatings.

At Baumann Maschinenbau Solms specialist Sven Schubert informed about cutting technologies in detail and afterwards demonstrated cutting systems and pile turners in praxis.



After these company excursions the course at the training centre started.

Theoretical training at AZP

The training given at AZP in Chemnitz included a theoretical introduction and hands-on training sessions for the topics:

- overview print production process
- pdf creation, preflight & editing
- digital proofing
- Imposing, RIP process & CtP
- measurement in prepress
- workflow systems, prepress automation
- press preparation, press adjustment
- measurement in printing
- offset printing process,
- quality management in prepress and press
- standardization in offset printing (ISO 12647)
- calculation for offset printing
- web2print technologies



As part of the course, the participants also visited manufacturers, printing houses, universities and a Trade Fair for graphic industry.

Manufacturers:

- Heidelberg PostPress, Leipzig
- KBA, Radebeul

printing houses:

- Sueddruck Neumann, Plauen, Offset Printer for calendars and commercials
- MasterPack, Crimmitschau, Offset Printer

Packaging

- Freie Presse Chemnitz, Newspaper Printer
- BASEG, Chemnitz, Digital & LFP Printer

universities: - HTWK Leipzig university of applied sciences, Department media

- TU Chemnitz, Institute for Print and Media

Technology

Trade Fair: - PostPrint Leipzig



In the end the participants took part in a test about the taught topics and were handed over their certificates.

The group

The participants had different levels of knowledge and expertise – depending on their speciality area.



The teachers followed the training with great interest and partly very inquisitive. They were eager to gain new knowledge and information about new technologies and applications.

As the field of printing is very wide, the participants soon realized the necessity of concentrating to a special field within this wide range. They learned that it's not possible to be a specialist in ALL topics, but it makes sense to expand their professional knowledge on a few selected matters.

Due to the short period of time it was not possible to meet the special needs of each single teacher. The requests for deepened information spread too far and it was difficult to achieve an agreement in the group about which topics should be handled in the course. So sometimes it was necessary to part the group for different interests.

Final statement

The specialist teachers received information on state-of-the art technologies and applications as well as specialist knowledge in the fields of prepress and print.

They also received practical training in prepress and print and learned how to deal with software, workflow systems, quality management, standardization and measurement.

They also gained an insight in the German printing industry and high quality printing and converting.

Hand-outs and several presentations will help the participants to transfer their knowledge to their students.

We hope all participants enjoyed the training and stay in Germany and got many new impressions and ideas for their lessons at their schools in Iran.

