

A brief report on one day international workshop organized by IIPE student chapter and Department of Mechanical Engineering on 18-9-17.

The Department of Mechanical Engineering and The IIPE student chapter of Aarupadaiveedu Institute of Technology (AVIT), an ambit institution of Vinayaka Missions University, has organized a one day international workshop on ‘**Modern Computer-Aided Quality Assurance (CAQ) in Arc Welding**’ on 18th September, 2017 by 10.00 AM. **Univ.-Prof. Dr.-Ing. habil. Prof. h.c. mult. Dietrich Rehfeldt**, Leibniz University Hanover, Germany ** Joining of Materials ** Welding Technology and **Dr. S.Prakash**, Chairman, IIPE, TN state centre were the guests of the function.

Prof.L.Prabhu, Head, Department of Mechanical Engineering has welcomed the gathering and also listed about the various planned departmental activities. **Dr.Vemuri Lakshminarayana**, Principal has presided over the function. In his presidential address, Principal has highlighted the importance of mechanical engineering course and also about the importance and contribution of various professional societies. He also appreciated the efforts of IIPE in organizing programmes. **Dr. Ponnaivaiko**, Provost of the University has appreciated the efforts of Department. In his special address, he highlighted the importance of research activities in an institution. He requested all the department faculty to concentrate on research activities. **Prof.D.Vijayendrababu**, vice principal, has appreciated the department in bringing laurels to the institution. **Dr. K.V.Krishna Sastry**, Professor of Mechanical Engineering Department and also Vice chairman of IIPE, Tamilnadu centre has introduced **Dr.S. Prakash**, Chairman, IIPE, Tamilnadu centre, who is the guest of the function. He also appreciated the academic and career credentials of the Speaker.

Dr. Prakash, Chairman, Tamilnadu state centre has explained about Indian Institution of Production Engineers and the various activities of IIPE. He also highlighted the contributions of IIPE in societal development. **Prof.N.Lakshminarayanan**, Head-Additional, Dept. of Mechanical Engineering, has introduced **Dr. Ing. Rehfeldt**, the international speaker. **Univ.-Prof. Dr.-Ing. habil. Prof. h.c. mult. Dietrich Rehfeldt**, Leibniz University Hanover, Germany, the **international guest**, has delivered a wonderful talk. In his two hours power point presentation, he has shared various case studies of his innovation. He highlighted the importance of Arc welding in production activities and the importance of quality in welding process. He explained his developed software ANALYSATOR HANNOVER AH-XXVI-4E in finding the flaws of welding activity and also in solving industrial problems. As a part of the workshop **Dr. Rehfeldt** and his team has demonstrated the software. The student participants have interacted with the speaker actively. The interaction session had fruitful discussions. Later **Prof.**

D.Bubesh kumar, Associate professor, Department of Mechanical Engineering has comprehended the lecture and presented formal vote of thanks. The programme was a big success with the involvement of staff members and students of the Mechanical Engineering Department.