

SPEAKER : PROFESSOR DR. SAW SOR HEOH

LECTURE TOPIC : TOWARDS STUDENT-CENTRED TEACHING & LEARNING

Speaker Profile



S H Saw received the B Sc (Hons) (1985) and Ph D (1991) in Physics from the University of Malaya (UM) and M.A. in Educational Management (2000) from University of Nottingham, United Kingdom.

She is a Professor and Vice-President for Teaching and Learning at INTI University College (INTI-UC) and is also responsible for the Quality Management System. She was conferred Honorary Life Membership of Turkish Science & Research Foundation (TUBAV) on 1 October 2009 a rare and distinctive honour. She heads the Centre for Plasma Research, Quality Assurance Office, Centre for Instructional and Technology Support at INTI University College, Nilai, Malaysia and the Student Learning Centre. She is an Associate of the Institute for Plasma Focus Studies, Melbourne, Australia in the company of world-renowned plasma physicists and has recently co-directed the Second Internet Workshop on Plasma Focus Numerical Experiments. She is Designated Delegate of INTI-UC to Asian African Association for Plasma Training.

Her current research interests include plasma physics and improving teaching.

She had been Associate Vice President for Teaching & Learning at INTI-UC since 2004 and was previously the Principal of INTI College Subang Jaya (ICSJ). She founded the Faculty of Engineering in ICSJ and at INTI-UC and assisted establishing the Engineering Department in INTI College Sarawak. She was actively involved in introducing ISO9000 quality management system and implemented it at ICSJ.

Her areas of responsibility include ISO9001:2008 Quality Management System, Academic Quality Assurance and Enhancement, and the promotion of excellence in Teaching and Learning.

As Founder Head for the Centre of Plasma Research, INTI-UC she leads the team to acquire, install, test and carry out research on a plasma fusion machine in the Centre; and carry out numerical experiments using the international Universal Plasma Focus

Facility which she hosts at the Centre. In the past 20 months she has successfully co-authored 10 papers in top Physics journals and pioneered the series of International Workshops on Plasma computation, diagnostics and applications which has become a much sought after brand. At the invitation of Turkish Science & Research Foundation (TUBAV) in October 2009 she undertook a lecture tour of Turkish Nuclear Research Laboratories, TUBAV and Universities. She has taken the initiative to start PhD programmes at INTI-UC on plasma nuclear fusion research, associated with the activities of 13 collaborative research projects.

She has contributed to professional activities in the area of Education. She chaired the International Conference on Teaching and Learning (ICTL2007 and ICTL2009). She is the International Advisor for International Conference on Recent and Emerging Advanced Technologies in Engineering, iCREATE 2009 (November 22-24). She was an invited Panel Speaker at the SEAAIR 2007 FORUM – Quality Assurance through Sufficiency and Sustainability Lens, 7th Annual SEAAIR Conference-“Sufficiency and Sustainability in Higher Education - An Agenda,” held in Bangkok, Thailand, 5-7 September, 2007.

She has contributed as Senate Member and Academic Board Member, INTI UC, Chair, Academic Advisory Council, MIM-INTI Management School, Chair, INTI UC Examinations Board, Chair, Staff Welfare Fund, and numerous other Boards and Committees. She has attended and conducted Seminars and Training sessions on Educational standards and quality management. She has successfully established the Centre for Instructional & Technology Support, Model of Quality Assurance in Teaching and Learning, INTI College Malaysia, 2004, INTI online Learning Management System to support teaching and learning, School of Engineering & Technology, INTI College Malaysia, 1998, Quality Management System, INTI College Subang Jaya, 1998 and Department of Engineering & Technology, INTI College Subang Jaya, 1993. She has attended 20 educational conferences, as Chair, invited speaker, panellist and presenter, 28 educational workshops mainly as Organiser and presenter, attended and given 19 educational seminars, given 29 educational presentations, international and national and is actively engaged in various education research projects.

She has recently accepted invitations to run a 26-hour Plasma Focus Workshop at Kansas State University Department of Mechanical and Nuclear Engineering, USA, in May/June 2010, an 18-hour Fusion energy Workshop at the Second International Nuclear and Renewable Energy Resources (NURER 2010) at Ankara, Turkey, July 2010; to lecture at a Workshop on Engineering Education in Damascus, July 2010. She is a Member of the International Scientific Committee of NURER 2010 and of the Scientific Programme Committee of the International Conference on Frontiers of Plasma Physics and Technology (associated with IAEA) in April 2011 and will also give invited papers at these international conferences.