

Final Year Engineering Design Project (FYDP)

IEP-RIC organized an Award Ceremony on 7th October 2023 for Best Final Year Engineering Projects from Engineering Universities and Colleges of Rawalpindi and Islamabad to acknowledge the efforts of student engineers.

Engr. Abdur Rab Chairman IEP-RIC congratulated all the engineering students who presented their incredible projects in the competition.

He said that these events are a source of healthy competition among young



Engr. Lt. Gen. Shahid Niaz (r) was invited as the Chief Guest.

The event was conducted by Engr. Ahmad Shamim Convener Membership Committee IEP Rawalpindi-Islamabad Centre who briefly apprised the participants about the aims and objectives of the Final Year Engineering Projects Competition organized by IEP (Rawalpindi-Islamabad Centre).

engineers to display their talent and enhance their capacity for Research and Development.



He appreciated the efforts of engineering students for doing such a fantastic array of diverse, innovative and future-oriented projects.



Engineers should focus to learn Professional Development and Communication Skills - Engr. Lt. Gen. Shahid Niaz ®

Engr. Lt. Gen. Shahid Niaz (r) in his address appreciated the efforts of engineering students for participating in the competition.

He advised young engineers to develop good qualities and focus on personal grooming and professional development. He emphasized that

The Awards were distributed among the best Final Year Projects of Swedish College of Engineering & Technology Wah Cantt, Capital University of Science & Technology Islamabad, International Islamic University Islamabad, Pakistan Institute of Engineering & Applied Sciences Islamabad, University of Engineering & Technology



a better communication skill is the most pertinent tool for success in every field. Developing communication skills can help us avoid conflicts/compromises, and help in better decision making.

He also highlighted the importance of time management and a goal setting in life.

He encouraged young engineers to always be proactive about learning new things.

Taxila, Institute of Space Technology Islamabad, School of Chemical & Material Engineering NUST Islamabad & Comsats University Islamabad.

In the end, the IEP Shield was presented by Chairman IEP-RIC to the Chief Guest.



CPD Lecture on "Site Specific Variable Rate Spraying Technologies in Pakistan"

IEP-RIC arranged a lecture on "Site Specific Variable Rate Spraying Technologies in Pakistan" in IEP Office, Islamabad on 17th June, 2023.

Engr. Dr. Tahir Iqbal, Associate Professor of Farm Machinery and Precision Engineering at Pir Mehr Ali Shah Arid Agriculture University, Rawalpindi was the Resource Person.



Speaker briefed that Variable Rate Technologies (VRT) have revolutionized the application of fertilizers and sprays in modern agricultural practices. VRT refers to the ability to vary the rate of application based on spatial and temporal variations in soil conditions, crop requirements, and pest pressures.

This technology enables farmers to optimize the use of fertilizers and sprays, minimizing waste and environmental impact while maximizing crop yields. By utilizing precision agriculture techniques, such as remote sensing and GIS mapping, VRT systems can analyze field data and create prescription maps that guide the application of fertilizers and sprays at variable rates across the field. This targeted approach ensures that nutrients and chemicals are applied precisely where and when they are needed, leading to improved resource efficiency, reduced input costs, and enhanced environmental stewardship. VRT empowers farmers to make data-driven decisions, optimizing their operations for sustainable and productive outcomes in the realm of fertilizers and sprays. By adopting VRT in the context of fertilizers and sprays, farmers can achieve greater precision and customization in their application practices. For fertilizers, VRT allows for tailored nutrient management, adjusting the application rates based on soil nutrient levels, crop growth stages, and yield goals. This targeted approach minimizes the risk of over-application or under-application, ensuring optimal nutrient availability for the crop. Similarly, with sprays, VRT enables farmers to address varying pest and disease pressures across their fields. Ultimately, VRT empowers farmers to optimize resource allocation, improve crop health, and enhance overall productivity in the realm of fertilizers and sprays.

CPD Lecture on "Time Management"

IEP-RIC arranged a lecture on "Time Management" in IEP Office, Islamabad on 16th September, 2023.

Prof. Engr. Dr. M. Sharif Bhatti, former Vice Chancellor UET, Taxila was the Resource Person.

Speaker addressed the audience by highlighting the importance of Time Management in human life. He emphasized that good time management enables a person to work smarter – not harder – so that you can get more done in lesser time, even when time is tight and pressures are high. Failing to manage your time damages your effectiveness and causes stress.

He added that the highest achievers manage their time exceptionally well. By using the time management techniques, engineers can improve their ability to function more effectively even when time is tight and pressures are high.

Speaker shared the steps to be adopted by young engineers in order to manage their time in an effective way i.e. effective planning and organizing, set goals and objectives, create a daily action plan, set priorities and dump Trivia.

Speaker also presented the golden rules of working smarter i.e. do the thinking on paper, fix deadlines for all jobs and stick to them, and treat a large job as a series of small achievable tasks etc.

He added that efficient time management allows industrial engineers to accomplish more tasks in less time, ultimately leading to increased productivity and better outcomes.



ATTENTION IEP-RIC MEMBERS

It has been observed that a large number of IEP-RIC Members have changed their addresses and contacts. The same need to be updated to ensure effective communication with them. All such Members are requested to forward their latest addresses and contacts to:

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