



Ts. Junaedi Irwan bin Wan Abdul Halim
Senior Vocational Training Officer (DV44-A)
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Academic Qualification

1. Master of Engineering (Mechanical) UMP, 2016
2. Bachelor of Engineering (Mechanical) UTM, 2004

Brief Profile

Currently, Ts. Junaedi Irwan bin Wan Abdul Halim is a Vocational Training Officer (DV44-A) at Pusat Reka Bentuk & Inovasi Teknologi (PRiNT). After completed his Mechanical Engineering degree from Universiti Teknologi Malaysia (UTM) in 2004, he works with Felda Palm Industries Sdn Bhd (now known as FGV Palm Industries Sdn Bhd) as an engineer in Keroh, Lahad Datu and Kuantan for 4 years before joining Universiti Malaysia Pahang (UMP). He started his career at Faculty of Mechanical Engineering (FKM) in 2008 until 2015 and transferred to Faculty of Engineering Technology (FTeK). He completed his Master of Engineering (Mechanical) in 2016 and received the Professional Technologist (Ts.) in the field technology of Manufacturing & Industrial Technology from MBOT in 2018. After some organisation re-structuring by UMP management, he then moved to Faculty of Mechanical & Automotive Engineering Technology (FTKMA) in 2019. At all the faculty, he responsible for a hands-on teaching and learning, person-in-charge for the respective lab and as a committee in technical management units before the latest transfer to PRiNT in 2020. At present, he is still stationed in FTKMA and parked under Technical Services & Consultancy Cluster of PRiNT.

Professional Qualification / Membership / Affiliation / Certification

1. Professional Technologist – Manufacturing & Industrial Technology, MBOT (PT 18030149)
2. PRINCE2 Foundation (Serial No. P2R/20002222982)
3. Authorized Gas Tester for Confined Space, NIOSH (Serial No. NW-AGT-0129-F)
4. Graduate Technologist – Manufacturing & Industrial Technology, MBOT (GT 17110036)
5. Graduate Engineer, BEM (BEM No. 59376R)

Area of Interests / Expert

1. Mechanical Engineering (Engineering Mechanics, Strength of Materials, Thermo-fluids, Power-Plant Technology, Energy Sustainability)

Project Consultancy

1. Mechanical Properties Analysis of S355N Structural Steel, Dynamic Steel Trading Sdn Bhd (UCT 17011108)
2. Testing & Training of One Unit Steam Boiler at UniKL MITEC Pasir Gudang, Gadang Works Sdn Bhd (UCT 160109)
3. LJMU ENGICA 5502 Properties and Application of Engineering Materials, HICOM University College Sdn Bhd (UCT 150308)
4. Jominy End Quench Hardenability Test, KKTM Kuantan (UIC 090285)
5. Consultation for Laboratory Training: BMEC 3173 – Engineering Science 2, DRB-Hicom University of Automotive Malaysia (CTS 190234)
6. Consultation for Phycis & Fluid Mechanics Laboratory Training, DRB-Hicom University of Automotive Malaysia (CTS 18020345)

7. Consultation for Thermodynamics Laboratory Practical Training, KKTM Kemaman (UCT 140311)
8. Consultation for Thermodynamics Laboratory Practical Training, KKTM Kuantan (UCT 130319)
9. Consultation for Boiler & Turbine Practical Training, POLISAS Kuantan (UCT 130315)
10. Consultation for Static & Dynamics Laboratory Practical Training, KKTM Kemaman (UCT 130306)
11. Consultation for Static & Dynamics Laboratory Practical Training, KKTM Kemaman (UCT 130306)
12. Consultation for Strength of Materials Laboratory Test, Open University Malaysia (UIC 090285/158)
13. Consultation for Thermo-Fluids Laboratory Test, Open University Malaysia (UIC 090285/72)