

Name	Engr. Muhammad Abas
Personal	Village Darmangi Warsak Road Peshwar. Contact 03348260685. Email rahmanabbas@live.com, muhammadabas@uetpeshawar.edu.pk
Experience	<ul style="list-style-type: none"> • Lecturer (August 2017-Present), Department of Industrial Engineering, UET Peshawar • Lecturer (May 2016 to August 2017), Department of Mechanical Engineering, Sarhad University of Information Science and Technology, Peshawar • Graduate Assistant (January 2014 to January 2016), Faculty of Mechanical Engineering, GIK Institute, Topi.
Honor and Awards	<ul style="list-style-type: none"> • Merit Scholarship at Department of Industrial Engineering, UET, Peshawar, • MS scholarship at Faculty of Mechanical Engineering, GIK Institute • 3rd Position for best paper at 13th International Symposium on Advanced Materials, Islamabad , Pakistan, October 2015
Memberships	<ul style="list-style-type: none"> • Registered with Pakistan Engineering Council (PEC) • Reviewer at International Journal of Mechanical Science and Technology, Springer Publisher, Impact factor 1.08
Graduate Students Postdocs Undergraduate Students Honour Students	Supervised Undergraduate students Years 2016-107 Degree Mechanical Engineering, SUIT Peshawar Thesis title: Optimization of Cutting Parameters of Aluminum Alloys
Service Activity	Teaching at Undergraduate level, Department of Industrial Engineering, UET Peshawar

<p>Brief Statement of Research Interest</p>	<ul style="list-style-type: none"> • Additive Manufacturing • Construction Management • Optimization
<p>Publications</p>	<ol style="list-style-type: none"> 1. M Abas, Khalid Rahman. Fabrication of flex sensors through direct ink write technique and its electrical characterization. Applied Physics. A Material Science and Processing, Volume 122, pp 972. doi:10.1007/s00339-016-0507-8. (Impact factor 1.44) 2. M.Abas, A.Abbas, W.A.KHAN. Scheduling a Job Shop- A Case Study. IOP Conf. Series: Materials Science and Engineering, Volume 146 Issue 1 2016. doi:10.1088/1757-899X/146/1/012052. 3. M Abas, SB Khattak, R.Akhtar, I.Ahmad, M.Ullah, I.U.Haq. Identification of Factors Affecting Cost Performance of Construction Projects. Technical Journal, University of Engineering and Technology (UET) Taxila, Pakistan Vol. 21 No.1-2016. 4. M Abas, SB Khattak, I Hussain, S Maqsood, I Ahmad. Evaluation of Factors Affecting the Quality of Construction Projects. Technical Journal, University of Engineering and Technology (UET) Taxila, Pakistan Vol. 20(SI) No.II(S)-2015. 5. SB Khattak, M Abas, S Maqsood, M Omair, R Nawaz, I Ul Haq. Identification and Evaluation of Risk Factors Affecting the Supply Chain Environment of Construction Industry of Khyber Pukhtunkhwa (KPK). Technical Journal, University of Engineering and Technology (UET) Taxila, Pakistan Vol. 20(SI) No.II(S)-2015. 6. M.Abas, Khalid Rahman. Printing Parameters Optimization of Positive Displacement Micro Dispensing System. Chinese Journal of Mechanical Engineering. Impact factor 0.531 (Under Review Since Nov 2016) 7. M.Abas, Qazi Salman Khalid, Khalid Rahman. Characterization of micro dispensing system and its application in electronic circuit's fabrication. Journal of Micromechanics and Micro engineering. Impact factor 1.794 (Under Review, January 2018) 8. Qazi Salman Khalid, M.Abas, Mudassar Rauf, Mirza Jahanzaib, Shahid Maqsood. MODIFIED PARTICLE SWARM ALGORITHM FOR SCHEDULING IN CELLULAR MANUFACTURING SYSTEM- A CASE STUDY. Journal of Engineering. & Applied. Sciences. (Under Review, Oct 2017).

