

Name	Engr. Sikandar Bilal Khattak
Personal	New Academic Block, Industrial Engineering Department UET Peshawar sikandarbilal@uetpeshawar.edu.pk
Experience	Assistant Professor (7 Year)
Honors and Awards	University Gold Medal
Memberships	<ol style="list-style-type: none"> 1. Institute of Industrial and System Engineers (IISE) 2. Pakistan Engineering Council (PEC)

Name	Engr. Sikandar Bilal Khattak																																	
<p>Graduate Students</p> <p>Postdocs</p> <p>Undergraduate Students</p> <p>Honor Students</p>	<p>Undergraduate Projects</p> <table border="1"> <thead> <tr> <th data-bbox="803 388 966 430">Years</th> <th data-bbox="966 388 1161 430">Degree</th> <th data-bbox="1161 388 1396 430">Name</th> </tr> </thead> <tbody> <tr> <td data-bbox="803 451 966 546">2010-11,</td> <td data-bbox="966 451 1161 546">B.Sc, Impact of lean manufacturing in Marks Razmak Industry,</td> <td data-bbox="1161 451 1396 546">Tariq Iqbal, Shahid Alam Zaidi, Muhammad Asim, M. Nadeem Haleem</td> </tr> <tr> <td data-bbox="803 567 966 661">2012-13,</td> <td data-bbox="966 567 1161 661">B.Sc, Supply Chain Involvement in Construction Industry,</td> <td data-bbox="1161 567 1396 661">M.Abas, Uzair Waqar Siddiqui, and Tajdar Khan</td> </tr> <tr> <td data-bbox="803 682 966 777">2013-14,</td> <td data-bbox="966 682 1161 777">B.Sc, Development of maintenance system for performance optimization of vehicle fleet,</td> <td data-bbox="1161 682 1396 777">Rahim Haider, and Almustaan Kakar</td> </tr> <tr> <td data-bbox="803 798 966 892">2013-14,</td> <td data-bbox="966 798 1161 892">B.SC Development of Maintenance System for Heavy Earth Moving Equipment (HEME),</td> <td data-bbox="1161 798 1396 892">Anwar Ullah, and Sabir Islam</td> </tr> <tr> <td data-bbox="803 913 966 1008">2015-16,</td> <td data-bbox="966 913 1161 1008">B.Sc, Sustainability Analysis of Construction Industry,</td> <td data-bbox="1161 913 1396 1008">Muhammad Nasir, Muhammad Hanif, Muhammad Zubair</td> </tr> <tr> <td data-bbox="803 1029 966 1123">2015-16,</td> <td data-bbox="966 1029 1161 1123">B.Sc, Risk Assessment for Construction Industry,</td> <td data-bbox="1161 1029 1396 1123">Syed Ameer Shah Raza, Humza Zafar, and Faisal Shah</td> </tr> <tr> <td data-bbox="803 1144 966 1239">2016-17,</td> <td data-bbox="966 1144 1161 1239">B.Sc, Inventory Analysis of a Construction Project,</td> <td data-bbox="1161 1144 1396 1239">Ahmed Zeb, Daud Khan, Muhammad Sajid</td> </tr> <tr> <td data-bbox="803 1260 966 1354">2016-17,</td> <td data-bbox="966 1260 1161 1354">B.Sc, Project Management Analysis for Construction Project,</td> <td data-bbox="1161 1260 1396 1354">Abid Ali Khan, Farzand Ali Khan</td> </tr> <tr> <td data-bbox="803 1375 966 1470">2017-18,</td> <td data-bbox="966 1375 1161 1470">B.Sc, Assessment of Pakistan Specific Sustainable Factors for Construction Industry,</td> <td data-bbox="1161 1375 1396 1470">Kashif Inayat, Irfan Ullah</td> </tr> <tr> <td data-bbox="803 1491 966 1585">2017-18,</td> <td data-bbox="966 1491 1161 1585">B.Sc, Relationship between lean and sustainability in Construction Industry,</td> <td data-bbox="1161 1491 1396 1585">Taimur Ilahi Khan, Ibrahim, Adil Khan</td> </tr> </tbody> </table>	Years	Degree	Name	2010-11,	B.Sc, Impact of lean manufacturing in Marks Razmak Industry,	Tariq Iqbal, Shahid Alam Zaidi, Muhammad Asim, M. Nadeem Haleem	2012-13,	B.Sc, Supply Chain Involvement in Construction Industry,	M.Abas, Uzair Waqar Siddiqui, and Tajdar Khan	2013-14,	B.Sc, Development of maintenance system for performance optimization of vehicle fleet,	Rahim Haider, and Almustaan Kakar	2013-14,	B.SC Development of Maintenance System for Heavy Earth Moving Equipment (HEME),	Anwar Ullah, and Sabir Islam	2015-16,	B.Sc, Sustainability Analysis of Construction Industry,	Muhammad Nasir, Muhammad Hanif, Muhammad Zubair	2015-16,	B.Sc, Risk Assessment for Construction Industry,	Syed Ameer Shah Raza, Humza Zafar, and Faisal Shah	2016-17,	B.Sc, Inventory Analysis of a Construction Project,	Ahmed Zeb, Daud Khan, Muhammad Sajid	2016-17,	B.Sc, Project Management Analysis for Construction Project,	Abid Ali Khan, Farzand Ali Khan	2017-18,	B.Sc, Assessment of Pakistan Specific Sustainable Factors for Construction Industry,	Kashif Inayat, Irfan Ullah	2017-18,	B.Sc, Relationship between lean and sustainability in Construction Industry,	Taimur Ilahi Khan, Ibrahim, Adil Khan
Years	Degree	Name																																
2010-11,	B.Sc, Impact of lean manufacturing in Marks Razmak Industry,	Tariq Iqbal, Shahid Alam Zaidi, Muhammad Asim, M. Nadeem Haleem																																
2012-13,	B.Sc, Supply Chain Involvement in Construction Industry,	M.Abas, Uzair Waqar Siddiqui, and Tajdar Khan																																
2013-14,	B.Sc, Development of maintenance system for performance optimization of vehicle fleet,	Rahim Haider, and Almustaan Kakar																																
2013-14,	B.SC Development of Maintenance System for Heavy Earth Moving Equipment (HEME),	Anwar Ullah, and Sabir Islam																																
2015-16,	B.Sc, Sustainability Analysis of Construction Industry,	Muhammad Nasir, Muhammad Hanif, Muhammad Zubair																																
2015-16,	B.Sc, Risk Assessment for Construction Industry,	Syed Ameer Shah Raza, Humza Zafar, and Faisal Shah																																
2016-17,	B.Sc, Inventory Analysis of a Construction Project,	Ahmed Zeb, Daud Khan, Muhammad Sajid																																
2016-17,	B.Sc, Project Management Analysis for Construction Project,	Abid Ali Khan, Farzand Ali Khan																																
2017-18,	B.Sc, Assessment of Pakistan Specific Sustainable Factors for Construction Industry,	Kashif Inayat, Irfan Ullah																																
2017-18,	B.Sc, Relationship between lean and sustainability in Construction Industry,	Taimur Ilahi Khan, Ibrahim, Adil Khan																																
Service Activity	Member of Senate, QEC Program Team Member, Career Development Center (CDC) Liaison Officer, Batch Advisor, IISE, UET Peshawar Faculty Advisor																																	

Name	Engr. Sikandar Bilal Khattak
Brief Statement of Research Interest	Sustainability, Sustainable Construction, Resource Optimization
Publication No. 1	S.B. Khattak, I.Hussain, “Assessment of construction industry from supply chain perspective”, 24-25 September 2012, International Confernce organized by Sarhad Univeristy of Information Technology, Peshawar
Publication No. 2	S.B. Khattak, I.Hussain ,S.A.A.Shah, M. Ullah, R.Nawaz, A. Hussain “ Assessment of construction industry from supply chain perspective-Part-1”, Sarhad University International Journal of Basic and Applied Sciences, 1(2013) 145-149 ISSN 2307-552X
Publication No. 3	M.Abbas, T. khan, U.W.Siddique, S.B.Khattak, I.Hussain “ASSESSMENT OF CONSTRUCTION INDUSTRY FROM SUPPLY- CHAIN PERSPECTIVE”,International Conference on Safety, Construction Engineering and Project Management (ICSCEPM 2013) “Issues, Challenges and Opportunities in Developing Countries” August 19-21, Islamabad, Pakistan
Publication No. 4	S.B.Khattak, M.Abbas, 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 Pukhtunkhawa (KPK)”, Journal of University of Engineering & Technology (UET) Taxila, Pakistan ,(2015) Vol. 20, No. II (Special Issue),pp. 185-190 ISSN: 2313-7770
Publication No. 5	M. Abas, S.B. Khattak, I. Hussain, S. Maqsood, I.Ahmed “Evaluation of Factors affecting the Quality of Construction Projects” Journal of University of Engineering & Technology (UET) Taxila, Pakistan ,(2015) Vol. 20, No. II (Special Issue),pp. 115-120 ISSN: 2313-7770
Publication No. 6	I. Ahmad, A. Hussain, S. Maqsood, S. B. Khattak, “Internal Benchmarking in Discrete Manufacturing through Simulation”, Journal of University of Engineering & Technology (UET) Taxila, Pakistan

Name	Engr. Sikandar Bilal Khattak
	,(2015) Vol. 20, No. II (Special Issue),pp. 177-184 ISSN: 2313-7770
Publication No. 7	M. Omair, S. Noor, I. Hussain, S. Maqsood, S. B. Khattak, R. Akhtar, I. Ul Haq ,”Sustainable development tool for Khyber Pakhtunkhwa’s dimension stone industry”, Journal of University of Engineering & Technology (UET) Taxila, Pakistan ,(2015) Vol. 20, No. II (Special Issue),pp. 165-169 ISSN: 2313-7770
Publication No. 8	Quaid Khan, Shahid Maqsood, Sikandar Bilal Khattak,Muhammad Omair and Altaf Hussain, “Evaluation of Activity Hazards in Marble Industry of Pakistan”, International Journal of Engineering & Technology IJET IJENS Vol.15 No. 05, October 2015,pp. 73-78, ISSN 52805-3736-IJET-IJENS
Publication No. 9	Rahim Haider, Al Mustaan Kakar, Sikandar Bilal Khattak, Safi ur Rahman, Shahid Maqsood, Misbah Ullah, Rehman Akhtar, Aamir Sikandar, “ DEVELOPMENT OF OPTIMIZED MAINTENANCE SYSTEM FOR VEHICLE FLEET”, Journal of Engineering and Applied Sciences (JEAS), Vol. 34, No. 2 July - December 2015, pp. 21-27, ISSN 1023-862X
Publication No. 10	Anwar Ullah · Sabir Islam · Sikandar Bilal Khattak · Safi Ur Rahman · Shahid Maqsood · Misbah Ullah · Rehman Akhtar · Rashid Nawaz, “MAINTENANCE SYSTEM FOR HEAVY EARTH MOVING EQUIPMENT”, Journal of Engineering and Applied Sciences (JEAS), Vol. 34, No. 2 July - December 2015, pp. 47-53, ISSN 1023-862X
Publication No. 11	Suhaib, Shahid Maqsood, Sikandar Bilal Khattak, Misbah Ullah, Rehman Akhtar, Rashid Nawaz, Iftikhar Hussain, Khizar Azam, “SINGLE FACILITY LOCATION SELECTION PROBLEM FOR A PAKISTAN BASED ICE CREAM COMPANY: A CASE STUDY”, Journal of Engineering and Applied Sciences (JEAS), Vol. 34, No. 2 July - December 2015, pp. 77-84, ISSN 1023-862X

Name	Engr. Sikandar Bilal Khattak
Publication No. 12	M. Abas, S. B. 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, April 2016, pp 104-109 ISSN: 2313-7770
Publication No. 13	S.B. Khattak, R. Akhtar, I. Hussain, M. Ullah, S. Maqsood, I. U. Haq, "Expert System for Lean Manufacturing at Tobacco Industry", Technical Journal, University of Engineering and Technology (UET) Taxila, Pakistan, Vol. 21, No. 1, April 2016, pp 104-109 ISSN: 2313-7770
Publication No. 14	Misbah Ullah, Rehman Akhtar, Sikandar Bilal Khattak, Khawar Naeem, khizar Azam, "FACTORS IDENTIFICATION FOR COAL BRIQUETTES MANUFACTURING USING STATISTICAL EXPERIMENTAL DESIGN APPROACH", Journal of Engineering and Applied Sciences (JEAS), Vol. 35, No. 1, January-June 2016, pp. 09-18, ISSN 1023-862X
Publication No. 15	Misbah Ullah, Rehman Akhtar, Sikandar Bilal Khattak, Khawar Naeem "CYCLE TIME OPTIMIZATION FOR IMPERFECT MANUFACTURING SETUP FOCUSING WORK-IN-PROCESS INVENTORY", Journal of Engineering and Applied Sciences (JEAS), Vol. 35, No. 1 January-June 2015, pp. 01-08, ISSN 1023-862X
Publication No. 16	Muhammad Abid Khan, Farzand Ali Khan, Sikandar Bilal Khattak, "Project Management Effects on a Construction Industry", 20-22 February, 2017, 1st International Conference on Industrial Engineering and Management Applications (IEMA), At Mehran University of Engineering and Technology, Jamshoro, Sindh, Pakistan
Publication No. 17	Muhammad Aurangzeb Shah, Mahmood Ali, Muhammad Haneef, Sikandar Bilal Khattak, "Environmental Sustainability Analysis of Construction Industry, 20-22 February, 2017, 1st International Conference on Industrial Engineering and Management Applications (IEMA), At Mehran

Name	Engr. Sikandar Bilal Khattak
	University of Engineering and Technology, Jamshoro, Sindh, Pakistan
Publication No. 18	Ahmad Zeb, Daud Khan, Muhammad Sajid, "Inventory Analysis of Construction Industry, 20-22 February, 2017, 1st International Conference on Industrial Engineering and Management Applications (IEMA), At Mehran University of Engineering and Technology, Jamshoro, Sindh, Pakistan
Publication No. 19	Faisal Shah, Ameer Shah Raza, Humza Zafar, Sikandar Bilal Khattak "Risk Assessment for Construction Industry", 20-22 February, 2017, 1st International Conference on Industrial Engineering and Management Applications (IEMA), At Mehran University of Engineering and Technology, Jamshoro, Sindh, Pakistan
Publication No. 20	Muhammad Hanif, Sikandar Bilal Khattak, "Assessment of Economic Factors for Sustainable Construction Industry", 20-22 February, 2017, 1st International Conference on Industrial Engineering and Management Applications (IEMA), At Mehran University of Engineering and Technology, Jamshoro, Sindh, Pakistan
Publication No. 21	Kashif Inayat, Irfan Ullah Khan, Sikandar Bilal Khattak, Iftikhar Hussain, "Sustainable Construction and Social Aspects", 27th February -1st March, 2018, International Conference on China Pakistan Economic Corridor (ICCPEC), at Shaheed Benazir Bhutto Women University (SBBQU), Khyber Pakhtunkhwa, Pakistan
Publication No. 22	Ibrahim, Adil Khan, Taimur Ilahi, Sikandar Bilal Khattak, Iftikhar Hussain, "Relationship between Lean and Sustainable Construction", 27th February -1st March, 2018, International Conference on China Pakistan Economic Corridor (ICCPEC), at Shaheed Benazir Bhutto Women University (SBBQU), Khyber Pakhtunkhwa, Pakistan

Name	Engr. Sikandar Bilal Khattak
Publication No. 23	Kashif Inayat, Irfan Ullah Khan, Sikandar Bilal Khattak, Iftikhar Hussain, "Significant factors for Sustainable Construction", 24-25 April, 2018, 2-Days National Conference on Professional Trends in Industrial and Systems Engineering, at University of Engineering and Technology, Peshawar, Khyber Pakhtunkhwa, Pakistan
Publication No. 24	Taimur Ilahi Khan, Ibrahim, Adil Khan, Sikandar Bilal Khattak, Iftikhar Hussain, "Time Wastage and Sustainability in Construction Industry", 24-25 April, 2018, 2-Days National Conference on Professional Trends in Industrial and Systems Engineering, at University of Engineering and Technology, Peshawar, Khyber Pakhtunkhwa, Pakistan
Research Grants and Contracts	ICT R & D Project related to Maintenance Worth around 40 Million
Other Research or Creative Accomplishments	Applied for NRPV Project in 2017
Selected Professional Presentations	<p>2016, OBE Training to the Faculty Members of the Department of Industrial Engineering, UET Peshawar</p> <p>2016, OBE Training to the Faculty Members of the Department of Computer System and Information Technology (CSIT), UET Peshawar</p> <p>2018, OBE Training to the Faculty Members of the Department of Agriculture Engineering, UET Peshawar</p>