**Publication Details of Faculty in the AY- 2016 - Department of Civil Engineering**

**Books**

|  |  |
| --- | --- |
| **S. No.** | **Book Details** |
| **1** | Book Study of Environmental Hydraulics of River Ganga, India, Scholar’s Press, Germany, 2016 |
| **2** | Singh, R.K. (2016), “Impact of Climate Change on the Retreat of Himalayan Glaciers and its Impact on Major River Hydrology, Himalayan Glaciers Hydrology, Book Clapter-5”, Edited book on “Reconsidering the Impact of Climate Change on Global Water Supply, Use and Management”, International Publisher of Progressive Information Science and Technology Research 701 E. Chocolate Avenue Hershey, Pennsylvania 17033-1240, USA. |
| **3** | New methods of the analysis and evaluation of pumping tests for groundwater wells, 2016 (English language) Lambert Academic Publishing, Germany |
| **4** | New applications in groundwater science, 2016 (Arabic language) Noor Publishing, Germany. |

**Indexed Journals**

|  |  |
| --- | --- |
| **S. No.** | **Publication References** |
| **1** | A. Meniar, M. Abdelghani and N. Ben Kahla, “Output-Only Modal Identification of Tensegrity Structures”, Journal of Engineering Structures and Technologies, 8(2): 52–64 2016. |
| **2** | Elhag A. B, (2016): Application of Remote Sensing and GeoElectrical Method for Groundwater Exploration in Khor Al Alabyad, North Kordofan State, Sudan. American Journal of Earth Sciences. http://www.openscienceonline.com/journal/archive2?journalId=7 15&paperId=2914 |
| **3** | Elhag A. B, (2016): New diagram useful for classification of groundwater quality, published by European Centre for Research |
| **4** | M. A. Ismaiel. (2016) **Seismic Analysis and Design of a 10 Storey Existing Reinforced Concrete Building in Khartoum, The Sudan**‏. *International Journal of Civil, Mechanical and Energy Science, vol-2-issue-2, PP. 41-47.* http://ijcmes.com/issue-detail/vol-2-issue-2. |
| **5** | Singh, R.K. et.al., (March, 02, 2016), “Analysis of potential Evapotranspiration of different Cities of Kingdom of Saudi Araba”, “International journal of Advanced and Innovative Research”, (IJAIR), (ISSN:2278-7844)/#48, Vol.5, Issue 02, pp 48-51. |
| **6** | Singh, R.K. et.al., (March, 02, 2016), “Computation of Runoff in King Khalid University”, “Journal of Computing Technologies”, (JCT),), (ISSN:2278-3814)/#30, Vol.5, Issue 02, pp 30-33. **(Impact factor (ISI): 2.147)** |
| **7** | Singh, R.K. et.al., (March, 02, 2016), “Methods of Estimating ground water Recharge”, “International journal of Engineering Associates”, (IJEA), ISSN:2320-0804)/#30, Vol.5, Issue 02, pp 06-09. |
| **8** | Ragavendar. S and Sivakumar (2016). A, Experimental evaluation of crack depth in concrete specimens using time of flight technique, CSIR, Structural engineering journal, September 2016 issue, pp.311-318. |
| **9** | Sivakumar. A (2016), ‘Regression based performance analysis of composite light weight concrete, Engineering Journal, DOI: 10.4186/ej.2016.20.5.89.  |
| **10** | Saman Khan, Roohul Abad Khan and Amadur Rahman Khan, “Compressive strength behaviour of high volume fly ash concrete with varying percent of stone dust and recycled aggregates,” International Journal for Research in Technological Studies, ISSN (Online) 2348-1439, Volume 3, Issue 8, July 2016. Available Online at: http://www.ijrts.com/Vol3Issue8.php  |
| **11** | Saman Khan, Roohul Abad Khan, Amadur Rahman Khan and Shams Al Deen M Saad, “Comparative Study of Compressive strength behaviour of LVFAC and HVFAC in partial replacement with stone dust and recycled aggregates,” International Journal of Engineering Science Engineering and Technology, (E-ISSN): 2278-7798, Volume 5, Issue 7, July 2016. Available Online at: http://ijsetr.org/wp-content/uploads/2016/08/IJSETR-VOL-5-ISSUE-7-2537-2540.pdf  |
| **12** | Saman Khan, Roohul Abad Khan, Amadur Rahman Khan and V.P Singh,” Analysis of Compressive strength of Low Volume Fly Ash Concrete,” International Journal of Research in Applied Science in Engineering & Technology, Volume 4, Issue VII, July 2016, ISSN:2321-9653. Available Online at: http://ijraset.com/fileserve.php?FID=5169  |
| **13** | Saman Khan, Roohul Abad Khan and Amadur Rahman Khan,” Strength gain Analysis of Polyethylene terephthalate (PET) fibre reinforced concrete,” International Journal for Research and Development in Technology, Volume 5, Issue 6, June-2016, ISSN (O): - 2349-3585, Available Online at: http://ijrdt.org/full\_paper/527/14/Strength-gain-Analysis-of-Polyethylene-terephthalate-PET-fibre-reinforced-concrete  |
| **14** | Saman Khan, Roohul Abad Khan, Amadur Rahman Khan and Shashank Verma,” Comparison of High Volume Fly Ash Concrete (HVFAC) and Low Volume Fly Ash Concrete (LVFAC) with Stone dust,” EPRA International Journal of Research and Development (IJRD), ISSN (Online): 2455-7838, Volume 1 Issue 4, June 2016. SJIF Impact Factor: 3.476, Available Online at: http://eprajournals.com/jpanel/upload/320pm\_4.Saman%20Khan-16.5.16.pdf  |
| **15** | Saiful Islam, Mohd Danish and Roohul Abad Khan,” Estimation of Error in Bourdon type pressure Gauge using Dead Weight Tester,” Journal of Computing Technologies, ISSN (2278-3814),/#39/Volume 5 Issue 5, May 2016. Available Online at: http://www.advanceresearchlibrary.com/temp/downloads/jct/May2016/v8.pdf  |
| **16** | Roohul Abad Khan and Amadur Rahman Khan, “Inducing Passive Ventilation in Multi Storeyed Buildings in Small Cities of India,” International Journal of Scientific Research in Science, Engineering and Technology, ISSN (Print): 2395-1990, ISSN (Online): 2394-4099, Volume 2, Issue 3, May 2016. Available Online at: http://ijsrset.com/archive.php?v=5&i=10&pyear=2016  |
| **17** | Roohul Abad Khan, Amadur Rahman Khan and Shashank Verma,” Effect of Fibre Content on CBR for Unsoaked RDFS,” International Journal for Research & Development in Technology, Volume-5 issue-3 March 2016. Available Online at: http://ijrdt.org/full\_paper/326/14/Effect-of-Fibre-Content-on-CBR-for-Unsoaked-RDFS  |
| **18** | Roohul Abad Khan, Amadur Rahman Khan and Saiful Islam,” Analysis of Dry Unit Weight and optimum moisture content,” American International Journal of Research in Formal, Applied and Natural Sciences, ISSN (Print) 2328-3777, ISSN (Online): 2328-3785, March 2016. Available Online at: http://iasir.net/AIJRFANSpapers/AIJRFANS15-523.pdf  |
| **19** | Roohul Abad Khan, Amadur Rahman Khan and Saiful Islam,” Behaviour of CBR for Soaked RDFS at varying fibre length,” e-ISSN: 2394-3343, p-ISSN: 2394-5494, International Journal of Innovative and Emerging Research in Engineering, Volume 3, Issue 2, 2016. Available Online at: http://ijiere.com/FinalPaper/FinalPaperBehaviour%20of%20CBR%20for%20Soaked%20RDFS%20at%20varying%20fibre%20length170540.pdf  |
| **20** | Roohul Abad Khan, Amadur Rahman Khan, Saman Khan and Saiful Islam,” Analysis of California bearing Ratio under soaked condition for RDFS,” International Journnal of Engineering Research Online, Vol. 4 Issue 1 (Jan-Feb) 2016, ISSN: 2321-7758, Available Online at: http://ijoer.in/4.1.16/69-72%20ROOHUL%20ABAD%20KHAN.pdf  |
| **21** | Roohul Abad Khan, Amadur Rahman Khan, Shashank Verma and Saiful Islam, “California Bearing Ratio Analysis for RDFS in Unsoaked Condition,” International Journal for Research in Technological Studies, ISSN (Online): 2348-1439 Vol. 3, Issue 3, February 2016. Available Online at: http://www.ijrts.com/Vol3Issue3.php  |
| **22** | Saiful Islam, Ram Karan Singh and Roohul Abad Khan,” Analysis of Potential of Evapotranspiration in different Cities of Saudi Arabia,” International Journal of Advanced and Innovative Research, ISSN 2278-7844, Volume 5 Issue 2, February 2016. Available Online at: http://www.advanceresearchlibrary.com/temp/downloads/ijair/February2016/t10.pdf  |
| **23** | Saiful Islam, Ram Karan Singh and Roohul Abad Khan,” Methods of estimating groundwater Recharge,” International Journal of Engineering Associates, ISSN: 2320-0804, #6, Volume 5 Issue 2, February 2016. Available Online at: http://www.advanceresearchlibrary.com/temp/downloads/ijea/February2016/rk2.pdf  |
| **24** | Saiful Islam, Ram Karan Singh and Roohul Abad Khan,” Computation of Runoff in King Khalid University,” Journal of Computing Technologies (2278-3814,) Volume 5 Issue 2, February 2016. Available Online at: http://www.advanceresearchlibrary.com/temp/downloads/jct/February2016/v6.pdf  |
| **25** | Roohul Abad Khan, Amadur Rahman Khan, Saiful Islam and Shashank Verma,” Behaviour of Randomly Distributed Fibre Soil in consolidated undrained condition,” International Journal of Advanced Research in Science, Engineering and Technology, Volume 3 Issue 2 2016. Available Online at: http://www.ijarset.com/currentissue.html  |
| **26** | Saman Khan, Roohul Abad Khan, Saiful Islam and Amadur Rahman Khan,” Interrelationship of PPFRC,” International Journal of Research in Advent Technology ISSN: 2321-9637, Vol. 3 No. 4 March 2016, pp. 24-29. Available Online at: http://www.ijrat.org/downloads/Vol-4/march-2016/paper%20ID-42201624.pdf  |
| **27** | Roohul Abad Khan, Amadur Rahman Khan, Saman Khan & Saiful Islam,” Analysis of California Bearing Ratio under soaked condition for RDFS,” International Journal of Engineering Research-Online, ISSN: 2321-7758, Vol. 4 Issue 1 Jan-Feb, 2016, pp.69-72. Available Online at: http://www.ijoer.in/4.1.16/69-72%20ROOHUL%20ABAD%20KHAN.pdf  |
| **28** | Saiful Islam, Mohammad Abdullah Al Awadh and Roohul Abad Khan,” Emerging Trends in Green Building Concept,” International Journal of Advanced and Innovative Research, Volume 5, Issue 1, February 2016. Available Online at: http://www.advanceresearchlibrary.com/temp/downloads/ijair/January2016/t38.pdf  |
| **29** | Saman Khan, Roohul Abad Khan, Amadur Rahman Khan and Saiful Islam,” Strength Gain Analysis of Polypropylene Fiber Reinforced Concrete,” International Journal of Scientific Research in Science, Engineering and Technology Volume 2, Issue 1, Article first published online: January-February – 2016, Available Online at: http://ijsrset.com/PDF.php?pid=734&v=2&i=1&y=2016&m=January-Febuary  |
| **30** | Harbaoui M., Bouasker M., Ben Hassen M., Ben Kahla N., Mounanga P., Khelidj M. “MECHANICAL AND THERMAL PROPERTIES OF AN ECOLOGY LIGHTWEIGHT CONCRETE USING ALFA WASTE AS A VEGETABLE AGGREGATES. ”. International Journal of Applied Research on Textile, Volume 4, Issue 1, pp 12-22, September 2016. |

**Non-ISI**

|  |  |
| --- | --- |
| **S. No.** | **Publication References** |
| **1** | M.N.Qureshi, Singh,R.K and Abul Hasan (2017),“Decision support model to select crop pattern for sustainable agricultural practices using fuzzy MCDM”, “Environmental Development and Sustainabilty”, International Journal Springer 1-19, USA, DOI 10.1007/s10668-016-9903-7 |
| **2** | M. A, Ismaeil, Elhadi, K., Alashker, Y., Yousef, I. (2017). 'Seismic Analysis and Design of a Multi-Storey Building Located in Haql City, KSA', Soft Computing in Civil Engineering, 1(2), pp. 37-50. http://www.jsoftcivil.com/article\_49083.html. |
| **3** | Ismaeil, M. A., and Sobaih, M.E, (2017) Evaluation of Seismic Performance of Existing RC Buildings in the Sudan by Using Pushover Analysis, 16th WCEE, Chile, January, 2017. Paper No.0 947. |
| **4** | M. A. Ismaiel et.al. (2017) "Seismic Analysis of a Ten-Storey Reinforced Concrete Building in Jazan Area, KSA ". Open Journal of Civil Engineering. http://www.scirp.org/journal/ojce/. |
| **5** | M. A, Ismaeil, Elhadi, K., Alashker, Y., Yousef, I. (2017). 'Seismic Analysis and Design of a Multi-Storey Building Located in Haql City, KSA', Soft Computing in Civil Engineering, 1(2), pp. 37-50 |

**Conference**

|  |  |
| --- | --- |
|  |  **Conference details** |
| **1**  | Singh, R.K., 29 August-1stSeptember 2016, Eco Summit 2016 Ecological Sustainability: Engineering Change, France, ‘Modeling Agricultural Area to Increase Water, Energy and Food Security Nexus in Arid and Semi-Arid Region of India’,(ECOS2016\_0455),[http://conferences.elsevier.com/ECOS2016?email:ramkaran.singh@gmail.com&abstracts­­­-0455](http://conferences.elsevier.com/ECOS2016?email:ramkaran.singh@gmail.com&abstracts-0455) |
| **2** | Singh, R.K., & Singh,A.K. 29 August-1st September 2016, Eco Summit 2016 Ecological Sustainability: Engineering Change, France, ‘Temporal and Spatial Analysis of Monsoon Rainfall in a River Watershed in India: Case of South-West RiverBasinOriginfromRajasthan,India’, (ECOS2016\_0506),<http://conferences.elsevier.com/ECOS2016?email:ram@kku.edu.sa&abstracts=0506> |
| **3** | Singh, R.K., 29 August-1st September 2016, Eco Summit 2016 Ecological Sustainability: Engineering Change, France, ‘Temporal and Spatial Analysis of Monsoon Rainfall in a River Watershed in India: Case of South-West River Basin OriginfromRajasthan,India’, (ECOS2016\_0506),<http://conferences.elsevier.com/ECOS2016?email:ram@kku.edu.sa&abstracts=0506>. |
| **4** | Saiful Islam,” Analysis of Mansa Devi Lanslide using FLAC 3D, “ Conference Energy Geotech, Taylor and Francis, 2016. |