Department of Computer Science and Engineering

International Publications

1. Chandra U, **and** Yadav D, *Modern Technologies of BigData Analytics:Case study on Hadoop Platform ,* International Journal of Emerging Trends & Technology in Computer Science (IJETTCS), Volume 6, Issue 4, July- August 2017 ***(Glocal University Affiliation)***

2. Praveen S, Chandra U, Wani A. *A Literature Review on Evolving Database,* International Journal of Computer Applications (0975 – 8887) Volume 162 – No 9, March 2017 ***(Glocal University Affiliation)***

3. Maheshwari H, Chandra U*, Environmental impact assessment of shift in river with the help of geographic information system*, International Journal of Current Science and Technology,Vol.5,Issue,2,pp-331-333,Februaury,2017. ***(Glocal University Affiliation)***

4. Sharma S, Chandra U, Jain P,*A literature survey on Automation of test data generation for branch coverage testing using genetic Algorithm,* International Journal of Computation Intelligence Research ISSN 0973-1873 Volume 13, Number 6(2017),pp,1521-1531 © Research India Publications. ***(Glocal University Affiliation)***

5. Praveen S, Chandra U, *A Comparative Study On: Nosql, Newsql and Polygot Persistence.* International Journal of Soft Computing and Engineering (IJSCE) ISSN: 2231-2307, Volume-7 Issue-2, May 2017 ***(Glocal University Affiliation)***

6. Praveen S, Chandra U, *Analysis of Disks, Relational and Non-Relational Databases for forensics Investigations,* International Journal of Electrical Electronics & Computer Science Engineering Volume 4, Issue 3 (June, 2017) | E-ISSN : 2348-2273 | P-ISSN : 2454-1222 ***(Glocal University Affiliation)***

7. Praveen S, Chandra U, *NoSQL Products: IT Giants Perspectives ,* International Journal of Computational Intelligence Research ISSN 0973-1873 Volume 13, Number 8 (2017), pp. 2125-2133 © Research India Publications ***(Glocal University Affiliation)***

8. Praveen S, Chandra U,*Influence of Structured,Semi-Structured,Unstructured data on various data models,* International Conference on Emerging Developments in Engineering & Technology ,2017. ***(Glocal University affiliation)***

9. Khan A, Chandra U and Jain P, *Advanced Data Mining Approaches of Knowledge Data Discovery for Geospatial Data*, International Conference on Emerging Developments in Engineering & Technology ,2017. ***(Glocal University Affiliation)***

10. Sultan Ahmad, **Dr. M. Mazhar Afzal**. (Volume. 6 - Issue. 01 , January - 2017) . " *A Study and Survey of Security and Privacy issues in Cloud Computing* ", International Journal of Engineering Research & Technology (IJERT) , ISSN: 2278-0181.(I.F 2.95) (Glocal Affiliation)

11. Zafar Iqbal Khan, **Mohammad Mazhar Afzal**. (Volume. 6 - Issue. 01 , January - 2017) . " *Security in Wireless Sensor Networks: DoS Perspective* ", International Journal of Engineering Research & Technology (IJERT) , ISSN: 2278-0181.(I.F 2.95) (Glocal Affiliation)

12. Ayyub Ali , **Dr.Mohammad Mazhar Afzal**. (Volume. 6 – Issue.02 Feb-2017). "Database Security: Threats and Solutions", International Journal of Engineering Inventions (IJEI), ISSN: 2278-7461. (I.F. 10.1) (Glocal Affiliation)

13. Khurram Naim Shamsi, **Dr.Mohammad Mazhar Afzal.** (Volume .6, -Issue.01 Jan- 2017), "Security Threats to M-Commerce: Indian Perspective", International Journal of Engineering Inventions (IJEI), ISSN: 2278-7461.(I.F. 10.1) (Glocal Affiliation)

14. Ayyub Ali , **Dr.Mohammad Mazhar Afzal**.(Volume. 4, - Issue.01 Jan 2017),"Data Compression and Encryption Technique for Secure Data Transfer", International Research Journal of Computer Science (IRJCS), ISSN: 2393-9842.(I.F. 4.28) (Glocal Affiliation)

15. Shoab, M. and Jain, K. (2017). "Augmented Navigation System Deciding Trends and Policies for Smart City Development". Earth Observation & Navigation. IPG, University of Silesia in Katowice, Poland.

16. Didlier Lasme , Sachin , **Neha** ,*An Unconditional Cheating Detection and Cheater Identification in Shamir's Secret Sharing Scheme,* **International Journal of Electrical Electronics & Computer Science EngineeringVolume 4, Issue 4.** 2017(Impact factor 2.5) (Glocal Affiliation)

17. Neha Tyagi, Neelam Singh, "*Graph Database-An Overview of its Application and its types"*,International Journal of Computer Science and Engineering, Volume 2 Issue 3, March-April, 2017

18. **Neha Tyagi,** Neelam singh, "*Comparative Analysis of Graph Database and Relational Database",*International Journal of Engineering Science and Computing, April 2017

19. Neha Tyagi, Neelam Singh, "*A Review: Sentiment Analysis using Classification Techniques"* 2nd International Conference on contemporary issues in Science, Engineering and Management(ICCI-SEM-2017) 27 May, 2017, Orissa.

20. Neha Tyagi, Dr Bhaskar Pant, Neelam Singh, " *Sentiment analysis using enhanced data dictionary"* International Journal of Scientific Research and Management,Volume 5, ISSN 2321-3418,July, 2017.

Department of Petroleum Engineering

- ***Yusuf Mohd, Khan Saqib Yar,*** published the research review entitled as "Selection of amine in natural gas sweetening process for acid gas removal- A review of recent studies" in Petroleum and Petrochemical Engineering Journal, Volume-1, Issue-3, May-July 2017, Medwin publishers, Michigan, USA.
- ***Sardar Najam, Yusuf Mohd, Khan Saqib Yar,*** Research paper selected and presented (oral) in PEDJP-2017 on "Studies on Rheological Behavior of Xanthan Gum Solutions In Presence Of Additives" in International conference held at Indian School of Mines, IIT Dhanbad on 12-14th January,2017.
- **Ranjan Prabhat, Dutta Adityam,** published research paper entitled as "Comparative Analysis of Barite And Hemantite used in water based Drilling Fluid" published in International Journal of Development Research ISSN: 2230-9926,Vol. 07, Issue-11, pp.16806-16814, November, 2017.
- ***Mohd Imran and Shumaila Atik***, published research poster entitled as "Effects of global warming: a review" Department of Biotechnology, Jamia Millia Islamia New Delhi.
- ***Mohd Imran and Shumaila Atik***, published research poster entitled as "Approaches of green chemistry in organic synthesis" Department of Biotechnology, Jamia Millia Islamia New Delhi.

Department of Mechanical Engineering

International Journals:

(1) **Jagjit Singh**, N.K. Sharma and S.S.Sehgal, Small Punch Testing: An Alternative Testing Technique To Evaluate Tensile Behavior of Cortical Bone, Journal of Mechanics in Medicine and Biology, issue 17(6) , pp 1750102-1-14(2017).

(2) **Jagjit Singh**, N.K. Sharma and S.S.Sehgal, Design and Development of Small Punch Testing Fixtures to Predict the Mechanical properties of Cortical Bone, International Journal of Mechanical Engineering and Technology , issue 9 (8),pp 463-472(2017)

(3) **Jagjit Singh**, N.K. Sharma and S.S.Sehgal, Application of Small punch Testing to Evaluate Elastic and Plastic Parts of Fracture Energy of Cortical Bone, Journal of Biomimetics, Biomaterials and Biomedical Engineering –Under Review from May2017.