Research & Development Profile

Prof. Rahul B. Diwate
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Patent Publication

1. **Patent No:**201721036979

Issue No.: 45/2017

Page Number: 39597

PDF Page No:56

Publication Date: 10/11/2017

Title: Enhancing Internal Modification in Vehicle's Fuel Tank to Overcome Fuel DryingUp Problem

Link: http://www.ipindia.nic.in/writereaddata/Portal/IPOJournal/1_1554_1/Part-1.pdf

2. **Patent No:**201721043885

Issue No.: 52/2017

Page Number: 51011

PDF Page No:20

Publication Date: 29/12/2017

Title: Design and implementation of vehicle detection infrastructure in a vehicle to avoid accidents during overtaking using sensors.

Link: http://www.ipindia.nic.in/writereaddata/Portal/IPOJournal/1_2571_1/Part-1.pdf

International Journal Publication Papers:

1. AkshayPoharkar,ShreyasSagvekar, RohitAru ,**Prof. Rahul B. Diwate**, "*Carrion Android application using NFC device", in International Journal of Advance Research in Engineering, Science & Technology (IJAREST),Volume 4, Issue 5, May-2017 e-ISSN: 2393-9877. (www.ijarest.com/papers/finished_papers/150521092655n.pdf)*

2. SheetalWaghmare, MayuriNaral, PratikshaKunjir ,**Prof. Rahul B. Diwate**, "*Design EMRA Application Based on VPS" in (IJREST) International Journal For Research In Emerging Science And Technology, Volume 4, No.5 May 2017 ISSN 2349-7610 (Online). (http://ijrest.net/17582-2014.pdf)*

3. Musale Jitendra C , Lohar Anil T, **Diwate Rahul B**, "*Key-Aggregate Searchable Encryption (KASE) for Group Data Sharing via Cloud Storage" in (IJRESTs) International Journal of Research in Engineering, Science and Technologies, Volume 2, No.10 Feb 2017 ISSN 2454-664X (online). (http://ijrests.org/wp-content/uploads/2017/11/4-20.pdf)*

4. Lohar Anil T , Musale Jitendra C , **Prof. Rahul B. Diwate**, "*Visual Secret Sharing with a Secure Approach" in (IJRESTs) International Journal of Research in Engineering, Science and Technologies, Volume 2, No.10 Feb 2017 ISSN 2454-664X (online). (http://ijrests.org/wp-content/uploads/2017/11/5-15.pdf)*

5. **Prof. Rahul B. Diwate**, Jitendra C. Musale ,Anil T. Lohar "*Mobile Operating System (MOS) selection on Ideal Solution Optimization" in (IJRESTs) International Journal of Research in Engineering, Science and Technologies, Volume 2, No.10 Feb 2017 ISSN 2454-664X (online). (http://ijrests.org/wp-content/uploads/2017/11/18-4.pdf)*

6. Sheetal Waghmare, Mayuri Naral, Pratiksha Kunjir ,**Prof. Rahul B. Diwate**," Survey Paper on Different Technologies for Electricity Meter Reading", in **(IJIR)***Imperial Journal of Interdisciplinary Research,****Vol-3, Issue-1, 2017 ISSN: 2454-1362.** (https://www.onlinejournal.in/IJIRV3I1/117.pdf)*

7. Akshay Poharkar, Shreyas Sagvekar, Rohit Aru ,**Prof. Rahul B. Diwate**," Secured Digitalization Using NFC Device", in **(IJIR)***Imperial Journal of Interdisciplinary Research,***Vol-2, Issue-12, 2016 ISSN: 2454-1362.**
(https://www.onlinejournal.in/IJIRV3I1/117.pdf)

8. Vivekkumar Pateriya, Sushil Salegaonkar, Jinal Shah, Shivnath Shivale , **Rahul B. Diwate**," E-Resource Portal For Students Using Link Prediction" ,in**(IJESC)** *International Journal of Engineering Science and Computing, Volume 6 Issue No. 4,DOI 10.4010/2016.961.ISSN 2321 3361 © 2016 IJESC.*
(http://ijesc.org/upload/d500b9d07ab47805b0a387d5af8378e6.EResource%20Portal%20For%20Students%20Using%20Link%20Prediction.pdf)

9. **Prof. Rahul B. Diwate**, Prof. Dhanashree P. Joshi, Prof. Anil T. Lohar" Selection of Social Networking Mobile Application (SNMA) with Ideal solution optimization based on TOPSIS Approach", in **(IJRESTs)** *International Journal of Research in Engineering, Science and Technologies, Volume 1, No. 6 March 2016ISSN 2454-664X (online).*
(http://ijrests.org/wp-content/uploads/2017/08/15.pdf)

10. Prof. Anil T. Lohar, **Prof. Rahul B. Diwate**," Augmented Performance Analysis Of Block Truncation Coding Based Image Retrieval Techniques Through Sundry Similarity Measures", in **(IJRESTs)** *International Journal of Research in Engineering, Science and Technologies, Volume 1,No. 6 March 2016 ISSN 2454-664X(online).*
(http://ijrests.org/wp-content/uploads/2017/08/10.pdf)

11. Prof. Dhanashree P. Joshi, **Prof. Rahul B. Diwate**," A Survey paper on IdM for Cloud Computing", in **(IJRESTs)** *International Journal of Research in Engineering, Science and Technologies, Volume 1,No. 6 March 2016 ISSN 2454-664X(online).*
(http://ijrests.org/wp-content/uploads/2017/08/13.pdf)

12. Vivekkumar Pateriya, Sushil Salegaonkar, Jinal Shah, Shivnath Shivale , **Rahul Diwate**," A Survey on E-Resource System" in **(IJIRCCE)** *International Journal of Innovative Research in Computer and Communication Engineering, Vol.4, Issue 2,February 2016.*ISSN(Online): 2320-9801| ISSN (Print): 2320-9798.
(https://www.ijircce.com/upload/2016/february/89_A%20Survey.pdf)

13. **Prof. Rahul B. Diwate**," Different Face Recognition Techniques: A Survey", in **(IJRTS)***International Journal for Research in Technological Studies| Vol. 2, Issue 5, April 2015 | ISSN (online): 2348-1439.*

(*http://www.ijrts.com/Downloads1.php?file=150205017*)

14. **Prof. Rahul B. Diwate**, Kavita S. Pokarna, "Comparative Study of Software Selection process for OSS vs CSS," in **(IJREST)** *International Journal For Research In Emerging Science And Technology.*

    (*https://www.researchgate.net/publication/282652043_Comparative_Study_for_Software_selection_of_OSS_vs_CSS*)

15. **Mr. Rahul B. Diwate**, Prof. Amit Sahu" Efficient Data Mining in SAMS through Association Rule," in **(IJECCE)** *International Journal of Electronics Communication and Computer Engineering,* Volume 5, Issue 3, ISSN (Online): 2249–071X, ISSN (Print): 2278–4209. (*http://ijecce.org/administrator/components/com_jresearch/files/publications/IJECCE_2661_Final.pdf*)

16. **Mr. Rahul B. Diwate**, Prof. Amit Sahu" Data Mining Techniques in Association Rule: A Review," in **(IJCSIT)** *International Journal of Computer Science and Information Technologies,* Vol. 5 (1) , 2014, 227 -229.

    (*http://ijcsit.com/docs/Volume%205/vol5issue01/ijcsit2014050148.pdf*)

17. **Mr. Rahul B. Diwate**, Dhiraj D.Shirbhate, Sonal Channe, "A Novel Approach for Detection techniques for CD and CC in digital forensics ,"in **(IJSER)** International Journal of Scientific & Engineering Research, Volume 4, Issue 12, December-2013 127 ISSN 2229-5518.

    (*https://www.researchgate.net/publication/282652034_A_Novel_Approach_for_Detection_techniques_for_CD_and_CC_in_digital_forensics*)

18. **Mr. Rahul B. Diwate**, Prof. Satish J. Alaspurkar," Study of Different Algorithms for Pattern Matching," *in* **(IJARCSSE)***International Journal of Advanced Research in Computer Science and Software Engineering,* Volume 3, Issue 3, March 2013 ISSN: 2277 128X.

    (*https://www.ijarcsse.com/docs/papers/Volume_3/3_March2013/V3I3-0424.pdf*)

International Conference :

1. **Mr. Rahul B. Diwate,** Prof. Satish J. Alaspurkar," Comparative study of customized kernel to original kernel, "in *International Journal of Computer, Information Technology & Bioinformatics* **(IJCITB)** *ISSN: 2278-7593, Volume-1, Issue-4.*

    (*https://www.researchgate.net/publication/282651879_COMPARATIVE_STUDY_OF_CUSTOMIZED_KERNEL_TO_ORIGINAL_KERNEL*)

National Conference Papers:

1. Prof. Rahul B. Diwate, "Mobile Operating System (MOS) selection on Ideal Solution Optimization" in National Conference of Technical Revolution **(NCTR-2017)**at Anantrao Pawar College Of Engineering & Research, Pune

2. Prof. Rahul B. Diwate," An Approach to reduce Storage overhead on cloud System", In National Conference on Recent Trends & Development in Engineering & Technology**,(TECHNO-XTREME 16)** at J.D.I.E.T, Yavatmal.

3. Prof. Rahul B. Diwate," Selection of Social Networking Mobile Application (SNMA) with Ideal solution optimization based on TOPSIS Approach", in National Conference of Technical Revolution **(NCTR-2016)**at Anantrao Pawar College Of Engineering & Research, Pune

4. Prof. Rahul B. Diwate," Augmented Performance Analysis Of Block Truncation Coding Based Image Retrieval Techniques Through Sundry Similarity Measures", in National Conference of Technical Revolution **(NCTR-2016)** at Anantrao Pawar College Of Engineering & Research, Pune.

5. Prof. Rahul B. Diwate," A Survey paper on IdM for Cloud Computing", in National Conference of Technical Revolution **(NCTR-2016)**at Anantrao Pawar College Of Engineering & Research, Pune.

6. Prof. Rahul B. Diwate, "Comparative Study of Software Selection process for OSS vs CSS, "A National Conference on Recent Trends in Computer Science & Engineering"**(MEDHA-15)** at J.D.I.E.T, Yavatmal

7. Prof. Rahul B. Diwate, "A Novel Approach for Detection techniques for CD and CC in digital forensics in "A National Conference on Recent Trends in Computer Science & Engineering"**(MEDHA-13)** at J.D.I.E.T, Yavatmal

8. Mr. Rahul B. Diwate, "Blood Infection Detection System-A Expert System "A National Conference on Recent Trends in Computer Science & Engineering" **(MEDHA-12)** at J.D.I.E.T, Yavatmal

Workshop/STTP:

Sr. No.	Name of STTP Program/Workshop	Place/Institute Name	No. of Days	Month & Year
1	How to Publish Technical paper with IEEE	College of Engineering pune ,Pune	1	4 Oct 2016
2	Internet of Things	Late. Sau. K.B. Jain, COE, Chandwad	5	12 to 16 Dec 2016
3	Soft Computing using MATLAB	Priyadarshini, Nagpur	5	26 to 30 April 16
4	Big data and Cloud Computing	Sandeep Institute of Technology & Research Centre	7	23 oct-1nov 2015
5	Big Data & Cloud	Sandeep Foundation, Nasik	5	23rd to 27th Oct 15
6	PHP & Joomla Technology	HVPM, Amravati	2	24,25 Aug 15
7	Android Application Development	JDIET, Yavatmal	2	21,22 Feb 15
8	Global Trends in Artificial Neural Network	JDIET, Yavatmal	14	Nov 2014
9	PHP with My SQL	HVPM,Amravati	2	Aug 2014
10	Wireless and Ad-hoc network	JDIET, Yavatmal	14	June 2014
11	Cloud Computing	IIT, Kharagpur	3	10-12 Jan 2014