


<p>DILIP KUMAR YADAV Professor & Head Department of Computer Applications NIT Jamshedpur (Jharkhand) – 831014 Email: dkyadav.ca@nitjsr.ac.in Phone: 9931897599</p>	
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1.	Name in Full (In Block Letters)	DILIP KUMAR YADAV				
2.	Father's/Husband/ Wife Name	REWAT LAL YADAV				
3.	Date of Birth: (dd/mm/year) (As per certificate) 14/05/1967	Gender: Male/ Female	Age a on 26.12.2017 50 Years 7 Months 12 Days	Marital Status: Married/ Unmarried	Nationality INDIAN	Religion HINDU
4.	Category (GEN/OBC/SC/ST/PWD) (Enclose proof)	GEN				
5.	Present Employment with Salary Details					
	Institute/Organization	Designation	Nature of Work	Pay Band	Grade Pay	Total Salary (Per month) in Rs.
	National Institute of Technology Jamshedpur	Professor	Teaching and Research	PB-4	10,500	Basic: 1,87,700
6.	Address for Correspondence	Dr. Dilip Kumar Yadav Department of Computer Applications National Institute of Technology Jamshedpur Po-NIT, Adityapur-2, Jamshedpur Jharkhand, India Pin Code: 831014				
	Tel.Nos./Fax Nos	9931897599				
	Email	dkyadav1@gmail.com, dkyadav.ca@nitjsr.ac.in				
7.	Permanent Address	S/O: REWAT LAL YADAV VILLAGE & PO:- RAGHUNATHPUR(NORTH), TOLA-GOTH, THANA-BHARGAMA, DISTRICT-ARARIA BIHAR, INDIA Pin Code: 854334				
8.	Educational Qualifications (Please add more rows if needed)					

Sl. No.	Degree Obtained	Specialization/ Subject	Name of the University/Institute	Year of Passing	% of Marks/ CGPA	Class/ Division
(i)	Ph.D	Software Reliability	Indian Institute of Technology Kharagpur	2012 (15 March)	N/A	
(ii)	M. Tech	Computer Integrated Design and Manufacturing (Mechanical Engg.)	Ranchi Univ. / Regional Institute of Technology Jamshedpur (NIT Jamshedpur)	1994	8.16 out of 10.0	1 st
(iii)	B. Tech	Mechanical Engg.	Ranchi Univ. / Regional Institute of Technology Jamshedpur (NIT Jamshedpur)	1991	67.3	1 st
(iv)	XII Class	Phy, Chm, Maths, Eng, Hnd	BIEC Patna	1985	63.9	1 st
(v)	X Class	Nat. Sc, S.Sc., Maths, Eng, Hnd, Snks, Eco	BSEB Patna	1983	67.6	1 st
(vi)	Other if any	GATE, 1992 (Mechanical Engg.)			81.23	
9.	Ph.D. Degree Details					
	(i) Ph.D. Thesis Title		Software Reliability Modeling and Prediction using Fuzzy Logic			
	(ii) Research area of Ph.D. Thesis work		Software Reliability			
	(iii) Date of the Award of Ph.D. Degree		March 15, 2012 (Ph.D. viva-voce held on March 05, 2012)			
	(iv) Name(s) of Supervisor(s) & Address		1. Late Dr. R. B. Mishra, Professor 2. Dr. Sanjay Kumar Chaturvedi, Associate Professor (Mob: +919434032495, skrec@hijli.iitkgp.ernet.in) Subir Chowdhury School of Quality and Reliability, Indian Institute of Technology Kharagpur-721302 (WB) India			
10.	M.Tech Degree Details					
	(i) M.Tech Dissertation Title		Computer Aided Thermal Design of Vertical Annulus for Natural Circulation			
	(ii) Area of M.Tech Dissertation work		Computer Integrated Design and Manufacturing (Mechanical Engg.)			
	(iii) Name(s) of Supervisor(s) & Address		Dr. Manoranjan Dubey Professor (Retired), Dept. of Mechanical Engg., National Institute of Technology Jamshedpur, 831014			
11.	Post-Doctoral Fellowship Details					

	(i) No. of years of Post-Doctoral Fellowship			N/A			
	(ii) Area of Specialization			N/A			
	(iii)Institute/ R&D Lab			N/A			
12.	Industrial Experience Details (Post-Ph.D.)			Post-Ph.D. Industrial Experience (in years): 0			
	Industry/Organization	Start Date	End Date	Duration	Designation	Nature of work	Pay Scale
	N/A						
13.	Industrial Experience Details (Pre-Ph.D.)			Pre-Ph.D. Industrial Experience (in years): 0			
	Industry/Organization	Start Date	End Date	Duration	Designation	Nature of work	Pay Scale
	N/A						
14.	Teaching Experience Details (Post-Ph.D.)			Post-Ph.D. Teaching Experience (in years): 5			
	Institute/Organization	Start Date	End Date	Duration	Designation	Nature of work	Pay Scale
	National Institute of Technology Jamshedpur	16/05/2018	Continue		Professor	Teaching, Research, & Administration	37400-9000-67000
	National Institute of Technology Jamshedpur	16/03/2012	15/05/2018	5 yrs, 9 Mnths, 10 days (based on 26/12/17)	Associate Professor	Teaching, Research, & Administration	37400-67000 (9500)
15.	Teaching Experience Details (Pre-Ph.D.)			Pre-Ph.D. Teaching Experience (in years): 16			
	Institute/Organization	Start Date	End Date	Duration	Designation	Nature of work	Pay Scale
	National Institute of Technology Jamshedpur	01/01/2006	15/03/2012	6 Yrs, 2 Mnths, 14 Days	Associate Professor	Teaching, Research, & Administration	37400-9000-67000

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	National Institute of Technology Jamshedpur	26/03/1998	31/12/2005	7 Yrs, 9 Mnths, 5 Days	Assistant Professor	Teaching, Research, & Administration	12000-420-18300 (3700-125-4950-150-5700)
	National Institute of Technology Jamshedpur	26/03/1996	25/03/1998	2 Yrs 0 Month 0 Day	Lecturer	Teaching, Research, & Administration	2200-75-2800-100-4000
16.	R & D Experience Details (Post-Ph.D.)			Post-Ph.D. R&D Experience (in years): 0			
	Institute/Organization	Start Date	End Date	Duration	Designation	Nature of work	Pay Scale
	N/A						
17.	R & D Experience Details (Pre-Ph.D.)			Pre-Ph.D. R&D Experience (in years): 3			
	Institute/Organization	Start Date	End Date	Duration	Designation	Nature of work	Pay Scale (Rs.)
	IIT Kharagpur	17/07/2006	16/07/2009	03 Years	Ph.D. Research Scholar (QIP)	Research & Development	6000/- (PM)-1 st Yr 9000/- (PM)-2 nd & 3 rd Yr
18.	Administrative Experience Details			Administrative Experience (in years): 10			
	Institute/Organization	Start Date	End Date	Duration	Designation	Nature of work	Pay Scale
	NIT Jamshedpur	20/11/2001	06/01/2005	3 yrs 1 mnths 16 days	Warden (Hostel-F)	Wardenship	N/A
	NIT Jamshedpur	03/10/1996	02/10/1998	2 yrs	Asst. Warden (Hostel-B)	Wardenship	N/A
	NIT Jamshedpur	12/05/2011	14/05/2016	5 yrs 0 mnt 2 days	Proctor	Student activities	N/A

						es (Schol arship, etc.)	
	NIT Jamshedpur	29/11/1999	-		Prof. in Charge (NSS, Blood Donation, Eco Club & Engineers Adventure Club)	Studen t activiti es	N/A
19.	Courses Taught during last 3 years (Add more rows if needed): 4						
	Course Title		Level (UG/PG)		Branch		
	Software Reliability Engineering (CAG7241)		PG		CA/MTech (ISSE)		
	Software Security Engineering (CAG7223)		PG		CA/Mtech (ISSE)		
	Software Reliability (CA35119)		PG		CA/MCA		
	Software Engineering (CA34113)		PG		CA/MCA		
20.	Number of Courses Developed (Add more rows if needed) : 3						
	Course Title		Level (UG/PG)		Branch		
	Software Reliability Engineering (CAG7241)		PG		CA/Mtech (ISSE)		
	Software Security Engineering (CAG7223)		PG		CA/Mtech (ISSE)		
	Software Reliability (CA35119)		PG		CA/MCA		
	Soft Computing (CA34116)		PG		CA/MCA		
21.	Number of Academic Programmes Developed: 1						
	Programme Title				Level (UG/PG)		
	M.Tech. (ISSE)				PG		
22.	Conducting Laboratory Classes During Last 3 years (Add more rows if needed): 3						
	Course Title		Level (UG/PG)		Branch		
	Computer Graphics and Multimedia Lab. (CA33206)		PG		CA/MCA		
	Database Management Lab. (CA33205)		PG		CA/MCA		

	Numerical Computing Lab. Using OOP (CA32203)		PG		CA/MCA	
23.	Research Laboratories Developed (Add more rows if needed): 0					
	Name of the Laboratory		Level (UG/PG)		Remarks	
	N/A					
24.	Number of Publications (Please attach a separate sheet with all details and also list the best SCI Journal papers along with ISBN No.): 35					
	Nature		Published (SCI & Scopus)		In-Press (SCI & Scopus)	
	Refereed Journals	National (SCI & Scopus)				
		International (SCI & Scopus)	10			
25.	Conference Proceedings	National				
		International	25			
26.	Number of Books Published: 0					
	Title of the Book	Name of Author(s)	Name of the Publisher	ISBN No.	Year of Publication	Reprint No./ Edition No.
	N/A					
27.	Number of Chapters Published: 2					
	Title of the Chapter & Book	Name of Author(s)	Name of the Publisher	ISBN No.	Year of Publication	Reprint No./ Edition No.
	Title: Software Defects Estimation using Metrics of Early Phases of Software Deleopment Life Cycle Book: Computer Science and Engineering Recent Trends	C Kumar and D K Yadav	Narosa	978-81-8487-391-7	2015	1
	Title: Defects Density Analysis of Early Software Development Phases Book: Computer Science and Engineering Recent	H B Yadav and D K Yadav	Narosa	978-81-8487-391-7	2015	1

	Trends					
28.	Editor of Journals					
	Name of the Journal		Name of the Publisher		National /International	
	N/A					
29.	Reviewer of Journals					
	Name of the Journal		Name of the Publisher		National /International	
	IEEE Transactions on Engineering Management (ISSN: 0018-9391)		IEEE		International	
	IEEE Access (ISSN: 2169-3536)		IEEE		International	
	Information and Software Technology		Elsevier		International	
	Neural Processing Letters ISSN: 1370-4621 (Print) 1573-773X (Online)		Springer US		International	
	International Journal of Performability Engineering		Totem Publisher, Inc.		International	
	Quality and Reliability Engineering International		Wiley		International	
	IET Software		IEEE		International	

30. Details of Ph.D. Thesis supervised (awarded) / thesis submitted) as Sole Supervisor / 1st Supervisor / Co-supervisor

Sl No	Title of Ph.D. Thesis	Role	Institute	Name of student[s]	Co-Supervisor[s], if any	Admission Year	Status [Awarded/ Submitted]
1	Software Reliability and Quality Modeling Using Fuzzy Logic	Sole Supervisor	NIT JSR	Harikesh Bahadur Yadav (CA51202)	-	2012	Awarded (Viva-voce on 14-06-17)
2	Automatic Test Data Generation Using Evolutionary Algorithms	Main Supervisor	NIT JSR	Sumit Kumar (CA51203)	Dr. Danish Ali Khan	2012	Awarded (Viva-voce on 25-08-17)
3	Software	Sole	NIT JSR	Chandan	-	2012	Submitted

	Quality and Reliability Modeling Using Causal Relationships of Software Metrics	Supervisor		Kumar (CA51206)			(17-10-17) (Viva-voce on 2018)
4	Data Communication Security Modeling using Elliptic Curve Cryptography and Biometrics	Sole Supervisor	NIT JSR	Dindayal Mahto (CA51205)	-	2012	Submitted (01-11-17) (Viva-voce on 2018)
5	Modeling of Reliable Data Communication using Information Hiding Techniques	Main Supervisor	NIT JSR	Susmita Mahato (CA51208)	Dr. Danish Ali Khan	2012	(Viva-voce on 2018)
6	Operational Profile Based Software Reliability Modeling using Fuzzy Logic	Sole Supervisor	NIT JSR	Amrita (2013PGPH DCA01)	-	2013	(Viva-voce on 2019)
7	Design and Reliability Analysis of Multistage Interconnection Network for Multiprocessor Systems	Main Supervisor	NIT JSR	Amit Prakash (2017RSEC001)	-	2017	Submitted (Aug 2019)
8	System Reliability and	Sole Supervisor	NIT JSR	Gaurav	-	2019	

	Safety Modeling	or		Yadav (2019RSCA 01)			Ongoing	
31.	Number of M.Tech Dissertations Supervised:							
	Title of the Dissertations			Supervisor(s)	Year of Completi on	Name of student		
	1. Kernel Based Virtual Machine Graphics Technology			Dr. D. K. Yadav	2019	Swetaleena Dash (2017PGCAIS03)		
	2. Software Development Effort Prediction Using Neural Network			Dr. D. K. Yadav	2019	Suvam Banerjee (2017PGCAIS10)		
	3. Cancelable Iris Biometric Using Genetic Algorithm			Dr. D. K. Yadav	2018	Chigiti Roja (2016PGCAIS05)		
	4. Enhanced RSA Key Generation Modeling Using Fingerprint Biometric			Dr. D. K. Yadav Dr. Dindayal Mahto	2018	Neha Bansal (2016PGCAIS06)		
	5. Information System Security Risk Assessment Using BBN and fuzzy Logic			Dr. D. K. Yadav	2018	Basundhara Basumatary (2016PGCAIS07)		
	6. A Novel Approach for Privacy Preserving Data Publishing			Dr. D. K. Yadav	2017	Disha Dubli (2015PGCAIS08)		
	7. Transport Layer Security for Automotive Networks			Dr. D. K. Yadav Mr.Mansoor Ahamed	2017	Rahul Singh (2015PGCAIS01)		
	8. Information Security Using Multidimensional Playfair Cipher			Dr. D. K. Yadav	2017	Krishnaraj (2015PGCAIS05)		
	Number of MCA Dissertations Supervised: 58							
	Title of the Dissertations			Supervisor(s)	Year of Completion	Name of student		
	1. Network Automation Tool			Dr. D. K. Yadav	2017			
	2. Stakeholder Management System			Dr. D. K. Yadav	2017			
3. Easy Split			Dr. D. K. Yadav	2017				

4.	Employee Information System of Parijat Agro-Chemicals	Dr. D. K. Yadav	2017	
5.	Quikmile (Transport Management System)	Dr. D. K. Yadav	2017	
6.	Online and Assignment Sharing System	Dr. D. K. Yadav	2017	
7.	MFS Provider Wallet	Dr. D. K. Yadav	2016	
8.	(11) STYLOFIE	Dr. D. K. Yadav	2016	
9.	Application Repacking	Dr. D. K. Yadav	2016	
10.	Confirmkt-Mobile Web	Dr. D. K. Yadav	2016	
11.	(14) Online Shopping	Dr. D. K. Yadav	2016	
12.	Highly Confidential Security System	Dr. D. K. Yadav	2016	
13.	Application Repacking	Dr. D. K. Yadav	2016	
14.	Social Networking Site	Dr. D. K. Yadav	2015	
15.	National Bank of Fujairah Retail Loan Origination System	Dr. D. K. Yadav	2015	
16.	Karaoke	Dr. D. K. Yadav	2015	
17.	Network Clients Resource Reporting System	Dr. D. K. Yadav	2015	
18.	Online Complaint Management System	Dr. D. K. Yadav	2015	
19.	Employee Attendance System	Dr. D. K. Yadav	2015	
20.	SMS Based Service Delivery Platform For Mobile Cloud Applications	Dr. D. K. Yadav	2015	
21.	Bug Tracking System	Dr. D. K. Yadav	2015	
22.	Online Recruitment System	Dr. D. K. Yadav	2015	

	23. Vertical Search Engine	Dr. D. K. Yadav	2015	
	24. Tata Steel Executive Holiday Plan	Dr. D. K. Yadav	2014	
	25. Email Feature Enhancement and Application Development	Dr. D. K. Yadav	2014	
	26. Real Time Trending	Dr. D. K. Yadav	2014	
	27. Job Portal	Dr. D. K. Yadav	2014	
	28. (31) Smartmiles Widgets Development	Dr. D. K. Yadav	2014	
	29. Online Polling Surveys	Dr. D. K. Yadav	2014	
	30. E-Movie Tickets	Dr. D. K. Yadav	2014	
	31. Stock Management System	Dr. D. K. Yadav	2013	
	32. Complain Handling System	Dr. D. K. Yadav	2013	
	33. Dbill Subscription Manager	Dr. D. K. Yadav	2013	
	34. Web Chat Server Using Prime Push	Dr. D. K. Yadav	2013	
	35. Job Junction	Dr. D. K. Yadav	2013	
	36. Customer Relationship Management	Dr. D. K. Yadav	2012	
	37. Enquiry Management System	Dr. D. K. Yadav	2012	
	38. Tata Housing Maintenance System	Dr. D. K. Yadav	2012	
	39. Building Energy Management System	Dr. D. K. Yadav	2012	
	40. (43) Sales Management System	Dr. D. K. Yadav	2012	
	41. Data Analyzer Tool	Dr. D. K. Yadav	2012	
	42. New Horizon Solution For Online Examination	Dr. D. K. Yadav	2012	
	43. Rest API Application Development	Dr. D. K. Yadav	2012	
	44. Rest API Application Development	Dr. D. K. Yadav	2012	

	45. Improving Security of Real Time Wireless Networks Through Packet Scheduling	Dr. D. K. Yadav	2011			
	46. Student Project Allocation and Management With Online Testing System	Dr. D. K. Yadav	2011			
	47. E Trip	Dr. D. K. Yadav	2011			
	48. Project and Job Portal	Dr. D. K. Yadav	2011			
	49. E Billing and Invoice System	Dr. D. K. Yadav	2011			
	50. Iub Data Offloading System	Dr. D. K. Yadav	2011			
	51. Health Care Information System	Dr. D. K. Yadav	2011			
	52. Extending Web Applications With A Light Weight Zero Knowledge Proof Authentication	Computer Applications	2011			
	53. Sapetel Quick Messaging System	Dr. D. K. Yadav	2011			
	54. Online Railway Reservation System	Dr. D. K. Yadav	2011			
	55. Signaling Gateway	Dr. D. K. Yadav	2011			
	56. (59) Alert Management User Interface	Dr. D. K. Yadav	2006			
	57. Dependency In Impact Analyzer	Dr. D. K. Yadav	2006			
	58. Online Examination	Dr. D. K. Yadav	2006			
32.	Number of Patents: 0					
	Name of Patent	Awarding Organization	Registration No.	Date & Year of Award	Submitted if any	
	N/A					
33.	Sponsored/ Industry Projects		Completed: 0		On-going: 0	
	Title of the Project	Sponsored Agency	Year of Completion	PI/ Co-investigator	Total Amount in Lakhs.	Completed/ Ongoing
	N/A					
34.	Consultancy Projects		Completed: 0		On-going: 0	
	Title of the Project	Organization	Amount of grant in Lakhs.		Period	PI/ Co-

					investigator
	N/A				
35.	Number of Awards/ Honours/Prizes/Medals: 4				
	Awarded (Title)	(1) National Village Talent Scholarship (1979-1982) (2) National Merit Scholarship (1983-1985) (3) Merit and Merit cum Means Scholarship (1987-1991) (4) Scholarship under QIP for Ph.D (2006-2009)			
	Proposed, if any				
36.	Number of Short-Term Courses/Workshop/ Symposiums/Seminars Conducted: 0				
	Type of the Course/Workshop etc.	Name of the Course/Workshop etc.	Sponsoring Agency	Period of Course	Coordinator/ Co-Coordinator
	N/A				
37.	Number of Seminar Conducted: 0				
	Conference Name	National/ International	Duration	Number of participants	
	N/A				
38.	Membership/Fellowship in Professional Bodies if any				
	Name of the Professional Body		Membership status (Life/ Annual)		
	CSI		Life (10788)		
	ISTE		Life (LM24916)		
	IAENG		Life (124109)		
39.	Your immediate short-term plans for the development of research at NIT Jamshedpur. Also include research and Laboratory facilities (equipment, space, funds, manpower) that you will need for the same				
	(i) Research	Soft Computing			
	(ii) Laboratory Development				
40.	List the courses you would like to develop at NIT JSR				
	Course Title(s)		Level (UG/PG)		
	M. Tech. in Software Engineering		PG		
41.	List the courses you would like to teach at NIT JSR				
	Course Title(s)		Level (UG/PG)		
	(1) Software Reliability Engineering		PG-M.Tech		
	(2) Software Security Engineering		PG-M.Tech		
	(3) Soft Computing		PG-M.Tech & MCA		
	(4) Software Engineering		PG-MCA		
	(5) Optimization Techniques		PG-MCA		
Publication					
1. Journal –					
(i) SCI					
[1] H. B. Yadav, Sumit Kr, Yugal Kr and Dilip Kumar Yadav “A fuzzy logic based approach for decision making” Journal of Intelligent & Fuzzy Systems, vol. 35, pp. 1531–1539, 2018 ,					

DOI:10.3233/JIFS-169693, **IOS Press**

- [2] Amit Prakash, **Dilip Kumar Yadav**, “Design and reliability analysis of fault-tolerant shuffle exchange gamma logical neighborhood interconnection network,” *Journal of Supercomputing* (ISSN: 09208542), Accepted, June 2019

DOI: 10.1007/s11227-019-02929-z , **Springer**

- [3] Susmita Mahato, **Dilip Kumar Yadav**, Danish Ali Khan, “A novel information hiding scheme based on social networking site viewers’ public comments,” *Journal of Information Security and Applications* (ISSN: 2214-2134), vol. 47, pp. 275–283, 2019

DOI: <https://doi.org/10.1016/j.jisa.2019.05.013>, **Elsevier**

(iii) SCOPUS

- [4] Amit Prakash, **Dilip Kumar Yadav**, Arvind Choubey, “A Survey of Multistage Interconnection Networks,” *Recent Advances in Electrical & Electronic Engineering* (ISSN: Print 2352-0965, Online 2352-0973), , vol. 12, Issue 6, pp. xx-xx, Feb. 2019

DOI : 10.2174/1872212113666190215145815, **Bentham Science Publisher**

- [5] H. B. Yadav, Dilip Kumar Yadav, “Early software reliability analysis using reliability relevant software metrics” *International Journal of System Assurance Engineering and Management* (ISSN 0975-6809), vol. 8, pp. 2097–2108, 2017. **Springer**

- [6] C. Kumar, Dilip Kumar Yadav, “Software defects estimation using metrics of early phases of software development life cycle” *International Journal of System Assurance Engineering and Management* (ISSN 0975-6809), vol. 8, pp. 2109–2117, 2017. **Springer**

- [7] Sumit Kumar, Dilip Kumar Yadav, Danish Ali Khan, “An accelerating PSO algorithm based test data generator for data-flow dependencies using dominance concepts” *International Journal of System Assurance Engineering and Management* (ISSN 0975-6809), vol. 8, pp. 1534–1552, 2017. **Springer**

- [8] Sumit Kumar, Dilip Kumar Yadav, Danish Ali Khan, “A novel approach to automate test data generation for data flow testing based on hybrid adaptive PSO-GA algorithm” *International Journal of Advanced Intelligence Paradigms* (ISSN 1755-0386), vol. 8, pp. 278–312, 2017. <https://doi.org/10.1504/IJAIP.2017.082997> , **Inderscience**

- [9] Susmita Mahato, Dilip Kumar Yadav, Danish Ali Khan, “A minesweeper game-based steganography scheme,” *Journal of Information Security and Applications* (ISSN 2214-2134), vol. 32, pp. 1–14, 2017. <https://doi.org/10.1016/j.jisa.2016.11.005> , **Elsevier**

- [10] Susmita Mahato, Dilip Kumar Yadav, Danish Ali Khan, "Personal Characters to Bits mapping using Dot Pattern Character Encoding Scheme (DPCES)," *Journal of King Saud University-Computer and Information Sciences* (ISSN 1319-1578), vol. , pp. , **2017**, <https://doi.org/10.1016/j.jksuci.2017.08.003> , **Elsevier**, Received 16 May 2017, Revised 31 July 2017, Accepted 17 August 2017
- [11] Susmita Mahato, Danish Ali Khan, Dilip Kumar Yadav, "A modified approach to data hiding in Microsoft Word documents by change-tracking technique," *Journal of King Saud University-Computer and Information Sciences* (ISSN 1319-1578), vol. , pp. , **2017**, <https://doi.org/10.1016/j.jksuci.2017.08.004> , **Elsevier**, Received 2 April 2017, Revised 21 July 2017, Accepted 25 August 2017
- [12] Dindayal Mahto, Dilip Kumar Yadav, "One-Time Password Communication Security Improvement using Elliptic Curve Cryptography with Iris Biometric", *International Journal of Applied Engineering Research* (Print ISSN 0973-4562, Online ISSN 0973-9769), 12(18), pp.7105-14, **2017**
- [13] Dindayal Mahto, Dilip Kumar Yadav, "RSA and ECC: A Comparative Analysis", *International Journal of Applied Engineering Research* (Print ISSN 0973-4562, Online ISSN 0973-9769), 12(19), pp. 9053-61, **2017**
- [14] Dindayal Mahto, Dilip Kumar Yadav, "Secure Online Medical Consultations Using Elliptic Curve Cryptography with Iris Biometric", *International Journal of Control Theory and Applications* (Print ISSN 0974-5572), 10 (13), pp. 169-179, **2017**
- [15] Dindayal Mahto, Dilip Kumar Yadav, "Efficient RSA Cryptosystem with Key Generation using Matrix", *International Journal of Control Theory and Applications* (Print ISSN 0974-5572), 10 (13), pp. 221-228, **2017**
- [16] Prerna Verma, Dindayal Mahto, Sudhanshu Kumar Jha, and **Dilip Kumar Yadav** "Efficient RSA Cryptosystem with Key Generation using Matrix," in *International Journal of Control Theory and Applications*, vol. 10, no. 13, pp. 221–228, 2017. (ex-Scopus Indexed)

(iii) OTHERS

- [17] Dindayal Mahto , **Dilip Kumar Yadav**, " Performance Analysis of RSA and Elliptic Curve Cryptography", *International Journal of Network Security* (Print ISSN 1816-353X ,Online ISSN 1816-3548), Vol. 20, No. 4, pp. 625-635, Jul **2018**.
- [18] Disha Dubli, **Dilip Kumar Yadav**, "Secure Techniques of Data Anonymization for Privacy Preservation", *International Journal of Advanced Research in Computer Science*, Vol.

8, Issue 5, pp. 1693-1696, June **2017**.

- [19] Krishnaraj Bhat, Dindayal Mahto, **Dilip Kumar Yadav**, “Information Security using Adaptive Multidimensional Playfair Cipher”, *International Journal of Advanced Research in Computer Science; Udaipur*, Vol. 8, Issue 5, pp. 372-380, **2017**.
- [20] Krishnaraj Bhat, Dindayal Mahto, **Dilip Kumar Yadav**, “Vantages of Adaptive Multidimensional Playfair Cipher over AES-256 and RSA-2048”, *International Journal of Advanced Research in Computer Science (ISSN 0976-5697); Udaipur*, Vol. 8, Issue 5, pp. 398-500, **2017**.
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