

ISSN No.2394-3696 (/img/issn-letter.jpg)



Welcome to IJIERT (Online, Scholarly, Open Access, International Journal)

"International Journal of Innovations in Engineering Research and Technology (IJIERT)" is an international journal. IJIERT is one of the fastest growing open access journals. It is an international online journal for the paper publication. The international journal provides the prospect to publish the original research papers with the author-friendly environment through its processes. This international journal is specially designed for paper publication in engineering, research, and technological advances.

IJIERT international journal supports the open access journals society by providing the free access to the published scholarly articles without any login or passwords. We being online journal taking care of the online presence and indexing of the articles published in various databases.

The paper submission in IJIERT is totally free of cost; however, after acceptance, we request the authors to pay the processing charges. We are working on high standards of scholarly journal publishing. Authors in search of international journals for paper publication will get fulfillment of publishing with our online international journal.

The scholarly journal is available online since 2014. The open access journal is highly indexed in databases. IJIERT is peer-reviewed, open access online journal aiming to serve the technical society with its high-quality technical contents. We are one of the best international journals for paper publication.

About Publisher

Novateur publication is publishing the International Journal of Innovations in Engineering Research and Technology (IJIERT). Novateur Publication is fastest upcoming publication house, which especially focuses on online and offline journal publication with excellent quality of papers. Novateur publication is a rapidly emergent company in India.

The Aim of IJIERT:

The primary aim of IJIERT is to publish the high quality, scholarly, open access, original research papers in the field of Engineering, Technology, and Sciences.

Objectives of IJIERT:

- . Supporting the technical society with its online, scholarly and peer-reviewed publications
- Achieving excellence in open-access journals publication
- · Continuous improvement the contents quality

Why Publish In IJIERT?

- Online journal with high impact
- International journal of your paper publication
- Scholarly journal of your research
- Immediate support contact us (https://www.ijiert.org/contact-ijiert)
- $\bullet \quad \text{Open access journal with high citations Check here (https://scholar.google.co.in/citations?user=1k9EvloAAAAJ\&hl=en\&authuser=2)}\\$
- International journal of paper publication in engineering & technology
- DOI for every paper(Implemented from Nov.2017)
- Provides an individual certificate (hard and soft copy)of publication to each author
- Nominal fees for publication Know more (https://www.ijiert.org/publication-charges)
- · No hidden charges
- Highly Indexed journal Check here (https://www.ijiert.org/indexing)

- Double-blind peer review for scholarly publishing Know more (https://www.ijiert.org/peer-review)
- High Impact Factor of 7.525 Verify (https://www.ijiert.org/impact-factor)
- · Secured with SSL

Important information of the Scholarly Journal:

Publish By: Novateur Publications, India
ISSN Number (Online): 2394-3696
Frequency: 12 issues per Year

• Discipline: Multidisciplinary (Engineering & Technology)

• International License: CC BY

• Submission Last Date: Throughout the Year

Acceptance Status: 1-2 weeks
 Publication Period: 1-2 weeks

Publishers Registered Address

Novateur Publication

466, Kumthekar Road, Sadashiv Peth, Pune, M.S.

India Zip-411030

Journals

Topics (https://www.ijiert.org/topics)

Submit a Paper (https://www.ijiert.org/paper-submission)

Call for Papers (https://www.ijiert.org/call-for-paper)

Publication Charges (https://www.ijiert.org/publication-charges)

Guidelines for Author (https://www.ijiert.org/authors-guidelines)

Archive

All Issue (https://www.ijiert.org/all-issue)

Current Issue (https://www.ijiert.org/current-issue)

(https://www.ijiert.org/current-issue)

(https://www.ijiert.org/current-issue) Previous Issue (https://www.ijiert.org/previous-issue)

Special Issue (https://www.ijiert.org/special-issue)

Peer Review

Peer Review Process (https://www.ijiert.org/peer-review)

Editorial & Reviewers Board (https://www.ijiert.org/editorial-board)

Join as Reviewer (https://www.ijiert.org/joinasreviewer)

Contact Us

Address: 466, Kumthekar Road, Sadashiv Peth, Pune, M.S. India Zip-411030

Email: editorijiert@gmail.com (mailto:editorijiert@gmail.com)

About Us

About IJIERT (https://www.ijiert.org/about-us)

Aim & Scope (https://www.ijiert.org/)

Indexing (https://www.ijiert.org/indexing)

Advertise with us (https://www.ijiert.org/advertise-with-us)



(https://creativecommons.org/licenses/by/4.0/)

Home (https://www.ijiert.org/)| Downloads (https://www.ijiert.org/download)| Privacy
Policy (https://www.ijiert.org/privacy-policies)| Terms & Condition
(https://www.ijiert.org/terms-and-conditions)| Contact us (https://www.ijiert.org/contactijiert)

Copyright @ 2017 IJIERT all right reserved.



ISSN No.2394-3696 (/img/issn-letter.jpg)



About IJIERT (International Journal of Engineering and Technology)



It's an enormous pleasure to share about IJIERT's progress over the period of last 4 years. We being the emergent publishers of academic journals are continuously thinking of the uplifting the quality of IJIERT to do the best in research journal's list. The editorial team with the advisory member is taking the bold decisions with a freedom to act marvelously in research journal publishing.

IJIERT's journey started in early 2014, with the goal of playing a key role among academic journals and we are happy to announce that with quality content variety for publication, IJIERT has reached to the milestone of more than 1000 articles published in 2017. We are trying our level best to explain what IJIERT is:

1. Academic journal

IJIERT is the academic journal of engineering and technology. The strong peer-review process of the journal is supporting the scholarly publishing. The well-known academicians are the part of editorial and reviewers board of this academic journal. The remarkable participation of the academicians as the author is the strength of this academic journal.

2. Journal of engineering research

The academic journal focuses mainly on the engineering research. IJIERT being the journal of engineering research has reach to better citations from research articles in the field of engineering research.

a. What makes us research journal?

We focus on publishing the research journal articles. We being research journal mainly prefer the original research articles for publication.

b. What makes us engineering journal

Most of the articles of IJIERT are making it an Engineering journal. Engineering journal articles published in IJIERT are of excellent quality and hence referred by the engineering societies and libraries.

3. Journal of science and technology

We are the journal of science and technology. We prove the claim of being a journal of science and technology as below:

a. What makes us science journal

The science journal, IJIERT includes the science articles for publication. Being science journal we are also wishing to sponsor some international conferences in the field of sciences.

b. What makes us technology journal

We include the articles proposing or explaining the technological advancements of recent times. The technology journal, IJIERT is the great supporter of the recent technological research trends.

4. International Journal of Engineering and Technology

IJIERT is an international journal of engineering and technology. The target of IJIERT is to become a best international journal of engineering and technology. We invite the engineering and technological researchers to work with us by publishing and joining the editorial board. The creative ideas are always proposed by the researchers around the globe and the global participation of technocrats will make IJIERT an **innovative international journal of engineering and technology** in a real sense.

Regards

Editorial Team, IJIERT

Journals

Topics (https://www.ijiert.org/topics)

Submit a Paper (https://www.ijiert.org/paper-submission)

Call for Papers (https://www.ijiert.org/call-for-paper)

Publication Charges (https://www.ijiert.org/publication-charges)

Guidelines for Author (https://www.ijiert.org/authors-guidelines)

Archive

All Issue (https://www.ijiert.org/all-issue)

Current Issue (https://www.ijiert.org/current-issue)

(https://www.ijiert.org/current-issue)

(https://www.ijiert.org/current-issue) Previous Issue (https://www.ijiert.org/previous-issue)

Special Issue (https://www.ijiert.org/special-issue)

Peer Review

Peer Review Process (https://www.ijiert.org/peer-review)

Editorial & Reviewers Board (https://www.ijiert.org/editorial-board)

Join as Reviewer (https://www.ijiert.org/joinasreviewer)

Contact Us

Address: 466, Kumthekar Road, Sadashiv Peth, Pune, M.S. India Zip-411030

Email: editorijiert@gmail.com (mailto:editorijiert@gmail.com)

About Us

About IJIERT (https://www.ijiert.org/about-us)

Aim & Scope (https://www.ijiert.org/)

Indexing (https://www.ijiert.org/indexing)

Advertise with us (https://www.ijiert.org/advertise-with-us)



(https://creativecommons.org/licenses/by/4.0/)

Home (https://www.ijiert.org/)| Downloads (https://www.ijiert.org/download)|
Privacy Policy (https://www.ijiert.org/privacy-policies)| Terms & Condition
(https://www.ijiert.org/terms-and-conditions)| Contact us
(https://www.ijiert.org/contact-ijiert)

Copyright @ 2017 IJIERT all right reserved.



ISSN No.2394-3696 (/img/issn-letter.jpg)

Editorial & Reviewers Board

Members

Sr.No.	Name	Designation	Affiliation Details	Photo
1	Dr.Manoj R. Tarambale	Editor In- charge	Associate Professor, Electrical Engineering Department, Marathwada Mitra Mandal's College of Engineering, Pune, Maharashtra, India	
2	Rahul Reddy Nadikattu	Associate Editor	Department of information Technology, University of the Cumberlands, U.S.	
3	Dr. Avinash ChavanPatil	Associate Editor	Principal, Rajaram Shinde College Of Engineering, Pedhambe	
4	Dr. Tanaji Dabhade	Member	INTECSEA Attends Lamar University , Houston, Texas	
5	Dr. H.M.Dharmadhikari	Member	Professor, MIT, Aurangabad, Maharashtra, India	
6	Dr.L.M.KARTHIKEYAN	Member	Professor, Techno Global University, India	1 1 1
7	Dr. Vishram N. Bapat	Advisor	ADJUNCT FACULTY, HVMPCET, Amravati	
8	Dr G.K.Deshmukh	Associate Editor	Chairman, V.V.P. Institute of Engineering and Technology, Solapur, India	9
9	Dr. P.D. Nemade	Associate Editor	Principal, SBPCOE, Indapur, India	image
10	Moise, Daniel	Member	The Bucharest Academy of Economic Studies, Marketing Faculty, 41 Dacia Blvd., District 1, code 010511Bucharest , ROMANIA	image
11	Dr. S.A.Patil	Member, Editorial Board	Principal, AGPIT,Solapur	
12	Dr. V.V.Potdar	Member, Editorial Board	Vice Principal and Professor,AGPIT,Solapur, M.S.,India	

Sr.No.	Name	Designation	Affiliation Details	Photo
13	Dr. S. R. Dulange	Member, Editorial Board	Dean Academics, AGPIT,Solapur	image
14	Mr. S.H. Gidde	Member	Assistant Professor, SKNSCOE Korti, Pandharpur	image
15	Dr.S.R.BOSELIN PRABHU	Advisor	VSB College of Engineering Technical Campus, Coimbatore, India Email: eben4uever@gmail.com	ADDIA NO
16	Dr. Abhijeet J. Kaiwade	Member Editorial Board	Dr Professor, DY Patil Institute of MCA & MBA, Akurdi, Pune, India	
17	Dr.Iranna M.Korachagaon	Editor In Chief	Professor and HoD Electrical and Electronics Engineering, Vice Principal,Tontadarya College of Engineering, Gadag, Karnataka India	9.5
18	Dr. Rajinder Singh Sodhi	Member, Editorial Board	Deputy Director Aryans Group of Colleges Chandigarh, Punjab, India	
19	Dr. Dadaboev Tulqinjon Yusupjanovich	Member, Editorial Board	Head of the Department of Management ,Namangan Engineering Construction Institute Street I.Karimov 12 , 716003, Namangan, Uzbekistan	0.36
20	Dr. Leonilo B. Capulso	Member, Editorial Board	Department of Education, Division of Pampanga, Philippines	
21	DR. SERTAC TUHTA	Member, Editorial Board	Associate Professor, Faculty of Engineering, Ondokuz Mayis University, Turkey	
22	Dr. Jurayev Tohirjon Mansurali	Member, Editorial Board	Head of the educational and methodical department of Namangan Engineering and Construction Institute, Uzbekistan	
23	Dr. Khabib Kholikovich Razzokov	Member, Editorial Board	Associate Professor, Samarkand Institute of Veterinary Medicine, Uzbekistan	
24	Dr. Abdimalik Khakimovich Berdiyev	Member, Editorial Board	Head of the Department of Quality Control of Education at Karshi Engineering and Economics Institute, Uzbekistan	
25	Mr. Pravin R.Choube	Managing Editor	Marathwada Mitra Mandals College of Engineering, Karvenagar, Pune, M.S., India	
26	Sikender Mohsieuddin Mohammad	Member, Editorial Board	Vice President at MUFG, Wilmington University, Master of Science in Information Technology Sacramento, California USA	Å
27	Dr. Otakulov Salim	Member, Editorial Board	Professor, Jizzakh Polytechnic Institute, Jizzakh, Uzbekistan	
28	Dr. Ikromov Nurullo Avazbekovich	Member, Editorial Board	Andijan Machine Building Institute Associate Professor, Doctor of Philosophy in Technics (PhD) Street Bobur Shah 56 , 170119, Andijan, Uzbekistan	
29	Soliev Rustamjon Xakimjanovich	Member, Editorial Board	Namangan Engineering Construction Institute Dean of the Faculty of Energy and Industrial Informatization, Doctor of Technical Sciences, Professor (DSc) Street I.Karimov 12 , 716003, Namangan, Uzbekistan	

Reviewers

Sr.No.	Name	Designation	Affiliation Details	Photo
1	Prof. Sudeep N, Upadhye	Reviewer, Mechanical Engineering	Assistant Professor, Mechanical Engineering Department,AGPIT, Solapur, Maharashtra,India Email: upadhyesudeep@rediffmail.com	0
2	Mr. Anand Magar	Reviewer, Computer Science & Engineering	Director, Savari Technologies, Pvt. Ltd. Pune, India	2
3	Dr. K.H. Wanjale	Reviewer, Computer Science and Engineering	Associate Professor, Vishwakarma Institute of Information Technology, Pune 411048	
4	Dr. L.Y. Waghmode	Reviewer, Mechanical Engineering	Vice Principal, Professor, ADCET, Ashta, Maharashtra, India	
5	Dr. N.D. Sangale	Reviewer,Engineering Mathematics	Professor, ADCET, Ashta, Maharashtra, India	
6	Mr. M.A. Tagare	Reviewer,Electrical Engineering	Associate Professor, Head of Department, FAMT,Ratnagiri	
7	Mr. S.A.Wamane	Reviewer,Electrical Engineering	Assistant Professor FAMT,Ratnagiri	
8	Dr.S.A.Patil	Reviewer, Mechanical Engineering	Professor, ADCET, Ashta, Maharashtra, India	
9	Mr. S.A.Pattekari	Reviewer,Computer Science and Engineering	Dean, Rajarshi Shahu College of Engineering, Tathawade, Pune, India	
10	Mr. M.D. Patil	Reviewer,Electrical Engineering	Assistant Professor, ADCET, Ashta, Maharashtra, India	
11	Mr. Moceheb Lazam Shuwandy	Reviewer,Computer Science and Engineering	Associate Dean of the Faculty of Mathematics and Computer Science for Administrative Affairs,, Baghdad	
12	Dr.Shahera S. Patel	Reviewer,Electronics Engineering	Associate Professor,Sardar Patel University, V.V. Nagar, Gujrat, India	
13	Mr. S.A.Joshi	Reviewer,Environmental Engineering	Assistant Professor, KIT, Kolhapur, Maharashtra, India	
14	Mr. A.S.Vibhute	Reviewer,Electronics and Telecommunication Engineering	Associate Professor, HOD, BMIT, Solapur, India	
15	DR. MORE BABASAHEB MANIK	Reviewer, Engineering Physics	Associate Professor, BMIT, Solapur, India	
16	Mr. Ganesh Eknath Kondhalkar	Reviewer, Mechanical Engineering	H.O.D Anantrao Pawar College of Engineering & Research, Pune, India	

\$7.No.	MankeGopala Reddy	Besigwar គ្រlectrical and Electronics Engineering	Aการณ์สัค ซิเซล์ครรงr, VVCE,Mysore,Karnataka, INDIA	
18	Mr. P.K.Magadum	Reviewer,Electrical Engineering	Assistant Professor,NBNSCOE, Solapur, India	image
19	Mr. R.S. Khamitkar	Reviewer,Electronics and Telecommunication Engineering	Assistant Professor,NBNSCOE, Solapur, India	

20	Mr. S.R. Kshirsagar	Reviewer,Mechanical Engineering	H.O.D. SBPCOE, Indapur, India	imag
21	Mr. V. A. Chaudhari	Reviewer,Civil Engineering	Assistant Professor, SBPCOE, Indapur, India	imag
22	Mr. S.C.Mhamane	Reviewer,Electronics and Telecommunication Engineering	Research Scholar, VTU, Vishakhapattanam, India	
23	Mr. P.D.More	Reviewer, Electrical and Electronics Engineering	Assistant Professor, SGI, Atigre, India	
24	Mr. S.L.Pawar	Reviewer,Electronics and Telecommunication Engineering	H.O.D. , Fabtech COE, Sangola, India	imag
25	Mr. Bavdhane V. D.	Reviewer,Electrical Engineering	Assistant Professor, ZCOER, Pune	imag
26	Mr. Mane S. G.	Reviewer,Electrical Engineering	Assistant Professor, ZCOER, Pune	imag
27	Dinesh Kumar. A	Reviewer,Engineering Mathematics	H.O.D. and Assistant Professor, Dhanalakshmi Srinivasan Engineering College, Perambalur.	
28	Prof. Nitin S. Deshpande	Reviewer, Civil Engineering	VACOE, Ahamadnagar	
29	Prof. Amol R. Patil	Reviewer,Mechanical Engineering	Hod, Mechanical, VACOE, Ahamadnagar	
30	Prof. Bharat N. Kharad	Reviewer,Mechanical Engineering	Assistant Professor, Mechanical Department, VACOE, Ahamadnagar	
31	Prof.Ravindra M. Ghodke	Reviewer,Mechanical Engineering	Assistant Professor, Mechanical Department, VACOE, Ahamadnagar	
32	Prof. Jaydeep B. Ashtekar	Reviewer,Mechanical Engineering	Assistant Professor, Mechanical Department, VACOE, Ahamadnagar	imag
33	Prof. Anand K. Joshi	Reviewer,Mechanical Engineering	Hod, Mechanical Sandwitch, VACOE, Ahamadnagar	imag
34	Prof. Vinay D. Patil	Reviewer,Mechanical Engineering	Assistant Professor, Mechanical Sandwitch Department, VACOE, Ahamadnagar	imag
35	Mr. Tushar B. Waghmare	Reviewer,Electrical Engineering	Assistant Professor, Electrical Department, MMCOE, Karvenagar, Pune	imag
36	Prof. V.S. Dhongde	Reviewer, Electronics and Telecommunication Engineering	Assistant Professor, E&TC Department, VACOE, Ahamadnagar	imag
37	Prof. Puranik Vipin G	Reviewer, Electronics and Telecommunication Engineering	Assistant Professor, E&TC Department, VACOE, Ahamadnagar	
38	Prof. Joshi S.G	Reviewer,Information Technology Engineering	Hod, I.T., VACOE, Ahamadnagar	imag
39	Prof. Kshirsagar Mandar	Reviewer,Information Technology Engineering	Assistant Professor, I.T. Department, VACOE, Ahamadnagar	imag

40 Sr.No.	Mr. S.R.Jagtap Name	Reviewer, Electronics and Designation Telecommunication Engineering	Associate Professor and Head of The Department, RIT, Affiliation Details Sakhrale	rhate
41	Dr. S. A. Pardeshi	Reviewer, Electronics and Telecommunication Engineering	Professor, Department of E&TC, RIT, Sakhrale	
42	Dr. M. S. Patil	Reviewer, Electronics and Telecommunication Engineering	Professor and Head of Program (M.Tech.Electronics), RIT, Sakhrale	image
43	Mr. M.S. Kumbhar	Reviewer,Mechanical Engineering	Associate Professor, E&TC Department, RIT, Sakhrale	image
44	Mr. R.T. Patil	Reviewer, Electronics and Telecommunication Engineering	Associate Professor and Head of Program M.Tech. Electronics , RIT, Sakhrale	image
45	Dr. A. B. Kakade	Reviewer, Electronics and Telecommunication Engineering	Associate Professor , E&TC Department, RIT, Sakhrale	image
46	Mrs. S. S. Patil (Nalawade)	Reviewer, Electronics and Telecommunication Engineering	Assistant Professor , E&TC Department, RIT, Sakhrale	image
47	Mr. A. R. Thorat	Reviewer,Electrical Engineering	Assistant Professor , Electrical Department, RIT, Sakhrale	image
48	Mr. P. Sharath Kumar	Reviewer,Electrical Engineering	Assistant Professor , Electrical Department, RIT, Sakhrale	image
49	Dr. Nagaraj V. Dharwadkar	Reviewer,Computer Science and Engineering	Associate Professor & Head of the CSE Department,RIT, Sakhrale	image
50	Mr. Patil S. S.	Reviewer,Computer Science and Engineering	Assistant Professor, CSE Department, RIT, Sakhrale	image
51	Mr. Patil S. S.	Reviewer,Computer Science and Engineering	Assistant Professor, CSE Department, RIT, Sakhrale	image
52	Prof. Sudershan B.Gadwal	Reviewer, Mechanical Engineering	H.O.D (Mech.),AGPIT,Solapur	image
53	Prof. Rahul V.Dandage	Reviewer, Mechanical Engineering	Asst. Professor, Mechanical Engg. Department, Rajendra Mane College of Engineering & Technology, Ambav, Maharashtra, India Email: dandagerahul@gmail.com	9
54	Mr. T.D.Mali	Reviewer, Mechanical Engineering	Assistant Professor, Department of Production Engineering, SCOE,Vadgaon (BK), Pune-41 Email: tushar.aug1@gmail.com	
55	Shambel G. Tadewos	Reviewer, Civil Engineering	Lecturer, Aksum University, Tigray Region, Axum, Ethiopia	
56	Dr.N.JAISANKAR	Reviewer in Information Security, Digital Image Processing, Cryptography, Bio-metrics	Professor, Misrimal Navajee Munoth Jain Engineering College, Chennai, Tamilnadu, India	n
57	Dr.AMITABHA KAR	Reviewer, Renewable Energy,Farm machinery,ergonomics,Transfer of Technology,	RRetired Professor, Acharya Narendra Dev University of Agriculture and Technology, Kumarganj, Ayodhya-224229,UP, India	
58	Dr. Suma S.	Reviewer Parallel Computing and Big Data	Associate Professor, Department of MBA, Dayananda Sagar College of Engineering, Banglore, India	
59	Dr. SHREYAS. K.	Reviewer, Highway Design, Construction, Evaluation & Maintenance	Asst Professor, Don Bosco Institute of Technology, Bangalore India.	
60	Dr. Jnaneshwar Pai Maroor	Reviewer, Information Security and Risk Management	Assistant Professor, Justice K.S. Hegde Institute of Management, Nitte, Mangalore, Karnataka, India.	

Sr.No.	Name	Designation	Affiliation Details	7
61	Vithal Rao Chauhan	Reviewer, Composite Materials, DOE, /Machining, Mechanical Characterization	Asst professor, Rao Bahadur Y Mahabaleswarappa Engineering College Bellary, Karnataka, India.	
62	Dr. Ridhima Arya	Reviewer, Biotechnology	Assistant Prof, Maharishi Markandeshwar University, Sadopur, India.	image
63	Dr. P.JAYA PRAKASH	Reviewer, Internal Combustion Engines	Assistant Professor, Siddharth Institute of Engineering and Technology, Puttur, India	P
64	Shri. Rahulkumar D Katkade	Reviewer, Complex Analysis	Lecturer, Dr. D Y Patil School of Engineering, Lohegaon, Pune, India	
65	Dr. Amol B. Kasture	Reviewer, Software Engineering, Cloud Technology, Web Technology, Data Center, Microsoft Azure	Senior IT Professor, Ajeenkya D.Y. Patil University, Pune, Maharashtra, India.	
66	Dr. Kalpana Verma Narayankar	Reviewer, Ecology, Zoology, Fishery, Pollution	Professor, The Maharaja Sayajirao University, Vadodara, Gujarat, India	
67	Dr. R. Chithra	Reviewer, Wireless Network,Network Security,E-Learning,Deep Learning	Professor, K.S.Rangasamy College of Technology, Tiruchengode, Tamil Nadu, India.	
68	Dr. Parveen Kumar Janjua	Reviewer,Cyber Security, Mobile Phone Foreensics, Digital Evidence, Cyber Crime Investigations	National Resource Person-Cyber Security & Forensics, Panjab University, Chandigarh, India.	
69	Dr. Abhijeet Gupta	Reviewer, Digital Communication, Analog Communication, Digital Electronic, Image Processing, DSP, Neu	Professor, The Lakshmi Narain College of Technology is a technology, Bhopal, India	
70	Dr. Hardik B. Ramani	Reviewer, Mechanical Engineering, Production, Thermal, Refrigeration, Automobile, Design	Assistant Professor & Head, Om Engineering College, Junagadh, Gujarat, India.	
71	Dr. Somnath Thigale	Reviewer, IoT,Computer Network,Software Engineering,Software Testing,OOAD, OOMD	Associate Professor CSE Department,SVERIs college of Engineering, Pandharpur.	
72	Devidas Kundalik Mahadik	Reviewer, Electrical Poer Generation, Solar Energy, Renewable Energy	Principal, Adarsh Institute of Technology Polytechnic, Vita, Maharashtra, India.	
73	Prof. Mandar K. Kekade	Reviewer, Machine Learning, Artificial Intelligence	Assistant Professor, D. Y. Patil College of Engineering & Technology Kolhapur, Maharashtra, India.	
74	Dr. Avuthu Narender Reddy	Reviewer, Civil Engineering	Teaching cum Research Assistant, Vellore Institute of Technology, Vellore, Tamilnadu, India.	
75	Dr. Nitin Gajanan Kanse	Reviewer, Chemical Engineering	Assistant Professor, Finolex Academy of Management and Technology, Ratnagiri, Maharashtra, India	
76	Mr. Abhinav Vinod Deshpande	Reviewer, Digital Image Processing	Post Doctoral Research Scholar, Department of Electrical Engineering, MIT, USA	
77	Dr. P. Selvaraj	Reviewer, Power Electronics, Renewable	Professor, S V Engineering College, Tirupati, Andra Pradesh, India.	

Sr.No.	Name	Energy,Electrical machines Designation	Affiliation Details	Photo
78	Dr. M. R. Arun	Reviewer, Automation and Embedded System, VLSI Design, Image Processing	Associate Professor, St. Xavier's Catholic College of Engineering, Nagercoil, Tamil Nadu, India	image
79	Dr. Maneesh P	Reviewer, Migration, Refugee studies	Ph.D Scholar, Madurai Kamaraj University, Madurai, Tamil Nadu, India.	
80	Ishan Prabhakar Lade	Reviewer, Machine Design, Operation Management, Marketing Management, Quality Manageme	Assistant Professor, Guru Nanak Institute of Technology, Nagpur, Maharashtra, India	
31	Lakshmanan	Reviewer, Computer Science	Assistant Professor, SRM Easwari Engineering, Chennai, Tamil Nadu, India College,	
82	Sattyendrasing Akashsing Seragi	Reviewer, Power Electronics	Assistant Professor, R.C.Patel Institute of Technology, Shirpur, Maharashtra, India	image
83	Pramod M. Suryawanshi	Reviewer, Automobile	Production Head, Laxmi Engineering Work, Pune, Maharashtra, India	
84	T. Ganesh	Reviewer, Computer Science and Engineering	Assistant Professor, Veltech Hightech Dr.Rangarajan Dr.Sakunthala Engineering College, Vel Nagar, Avadi, Chennai, Tamil Nadu	
85	Neeharika Bakhla	Reviewer, Quantum Electronics	Assistant Professor, Guru Gobind Singh Educational Society Technical Campus Bokaro, Jharkhand, India	
86	Ankit Khandelwal	Reviewer, Computer Applications	Asst. Professor, Aryabhatta Engineering College & Research Center Ajmer, Rajasthan, India	
87	Pothula Jagadeesh	Reviewer, Power Systems	Assistant Professor, Sagi Ramakrishnam Raju Engineering College, Chinnamiram, Bhimavaram, Andhra Pradesh, India	
88	Ramineni Hemasri Phanindra	Reviewer, Structural Engineering	Assistant Professor, NRI Institute of Technology, Bramarambapuram, Andhra Pradesh, India.	1
89	Mr. Santosh Das	Reviewer, Data Structure & Algorithm, Machine Learning,Artificial Intelligence,Computer Network	Assistant Professor,Department of Computer Science and Engineering, OmDayal Group of Institutions, Uluberia, Howrah, West Bengal, India	
90	Devendra Gowda	Reviewer, Renewable Energy & Micro Grid	Assistant Professor , Sanjay Ghodawat University Kolhapur, Maharashtra, India	
91	C. Suganthi Evangeline	Reviewer, Vehicular Communication ,Wireless Networks	Assistant Professor, Karunya Institute of Technology and Sciences, Coimbatore, Tamil Nadu, India	image
92	Srinivas Jetty	Reviewer, Civil Engineering, Structural Engg, Building Materials and Construction, Composite Materia	Vice Principal,Hod, Associate Professor, JNTUH/ ADAMS Engineering College, Palwancha, Telangana	
93	Nagashree B	Reviewer, Civil Engineering	Assistant Professor, Ramaiah Institute of Technology, Bengaluru, Karnataka, India	
94	Shailesh Baliram Pharande	Reviewer, Concrete Technology, Earthquake Engg., Structures	Assistant Professor, Karmaveer Bahurao Patil College of Engineering, Satara, Maharashtra, India	
25	Novacie Pradhan	Paviowar Antonna Fnaineaerina	Assistant Professor Achanya Institute of Technology	

Sr.No.	Name	Signighptioressing, Image Processing, Microwave/Wireless	Assistant Froiessor, Acharya matitute or recimology, BriligationuPKtaikataka, India	
		Communicatio		
96	Grishma Nadkarni	Reviewer, Civil Engineering	Assistant Professor, Shaikh College of Engineering and Technology, Bhutaramanahatti, Karnataka,India	
97	Mr. Kurde Suraj Vishnu	Reviewer, Computational Theory, Artificial intelligence, Cloud Computing, Data Analytics, Big Data	Assistant Professor, D Y Patil College of Engineering, Akurdi Pune, Maharashtra, India	
98	Manish Kumar Goyal	Reviewer, ELECTRONICS, VLSI	Lecturer, Govt. Polytechnic College Chittorgarh, Rajasthan, India	
99	Ronakkumar N. Modi	Reviewer, Highway and Traffic Engineering, Transportation Engineering	Assistant Professor, U. V. Patel College of Engineering, Gozaria, Gujarat, India	
100	Anurag Kumar	Reviewer, Data Mining	Asst. Professor, Dr. APJ Abdul Kalam UIT, Jhabua, Madhya Pradesh, India	
101	Abhas Kumar Singh	Reviewer, Power System, Restructuring, Energy Sector Reform	Asst. Professor, Shri Rawatpura Sarkar Institute of Technology, Raipur, Chhattisgarh, India	
102	Bala Subramanian D	Reviewer, Thermal	Assistant professor,Mookambigai college of Engineering, Keeranur, Tamil Nadu, India	
103	Karthikeyan	Reviewer, Image/Video Processing	Assistant Professor, Vel Tech High Tech Dr.Rangarajan Dr. Sakunthala Engineering College, Ambattur O.T Chennai, Tamil Nadu, India	000
104	Prof.Dr. Abdul Rahmat	Reviewer in Management of Education	S.Sos.I.,M.Pd. Gorontalo State University Indonesia	96
105	Ujwal Vishnupant Ramekar	Reviewer, Wireless Communication, Digital Signal Processing	Assistant Professor, Sipna College of Engineering and Technology, Amaravati, Maharashtra, India	
106	Mr. Jowhar Massoudie	Reviewer, Management and Allied Fields	Assistant Professor, Kardan University, Kabul, Afghanistan	
107	Dr. Harjeet Singh	Reviewer, Digital signal processing channel estimation OFDM wireless communication system	Teaching / Assistant professor, Baba Hira Singh Bhattal Institute of Engineering and Technology, Lehragaga, Punjab, India.	
108	Dr. Kumar Amit	Reviewer, Population Geography	Assistant Professor, Dayanand Anglo-Vedic College, Kanpur, Uttar Pradesh, India.	
109	Dr. C. Nithyanandam	Reviewer, Industrial Engineering	Associate Professor, Hindusthan College of Engineering and Technology, Coimbatore, Tamil Nadu, India.	
110	Dr. K. P. Sanal Kumar	Reviewer, Image processing, Wearable computing, DataMining, IOT, Medical Engineering, AI & Expect sy	Assistant Professor of Computer science, R. V. Government College, Chengalpattu, Tamil Nadu, India.	
111	Dr. Udit Mamodiya	Reviewer, Solar Energy	Assistant Professor, Poornima Institute of Engineering Technology, Jaipur, Rajasthan, India.	9

Sr.No. 112	Name Dr. Nazia Abbas	Designation Reviewer, Human Resource	Affiliation Details Assistant Professor, Ranchi University, Ranchi,	Photo
	Abidi		Jharkhand, India.	
113	Dr. Rubee Singh	Reviewer, Management	Assistant Professor, Dr APJ Abdul Kalam Technical University, Noida, Uttar Pradesh, India	9
114	Dr. Sudhanshu S. Gonge	Reviewer, Cryptography, Al,Softcomputing	Assistant Professor, Vishwakarma Institute of Technology, Pune, Maharashtra, India.	(S.)
115	Dr. Rupak Kumar	Reviewer, Environment biotechnology	SRTDA, Central Drugs Standard Control Organisation, New Delhi, India.	
116	Dr. Suresh Kumar V.	Reviewer, VLSI	Assistant Professor, SRM Valliammai Engineering College, Kattankulathur, Tamil Nadu, India.	
117	DR IHTIRAM RAZA KHAN	Reviewer, Artificial intelligence software engineering and IoT	Teaching, Jamia Hamdard 5, New Delhi, India.	
118	DR. BABASAHEB MANIK MORE	Reviewer, Solar Cells, Groundwater, Gravitational Force	Associate Professor and Head GSE Dept, Brahmdevdada Mane Institute Of Technology, Solapur, Maharashtra, India.	
119	Dr. MUQTHIAR ALI SHAIK	Reviewer, Power Systems.	Assistant Professor, AITS Rajampet, Boyanapalli, Andhra Pradesh, India.	
120	Dr.(Er) Parimita	Reviewer, Food Technology (Food Process Engineering)	Sam Higginbottom University of Agriculture, Technology &Sciences, Allahabad, India	

Journals

Topics (https://www.ijiert.org/topics)

Submit a Paper (https://www.ijiert.org/paper-submission)

Call for Papers (https://www.ijiert.org/call-for-paper)

Publication Charges (https://www.ijiert.org/publication-charges)

Guidelines for Author (https://www.ijiert.org/authors-guidelines)

Archive

All Issue (https://www.ijiert.org/all-issue)

Current Issue (https://www.ijiert.org/current-issue)

(https://www.ijiert.org/current-issue)

(https://www.ijiert.org/current-issue) Previous Issue (https://www.ijiert.org/previous-issue)

Special Issue (https://www.ijiert.org/special-issue)

Peer Review

Peer Review Process (https://www.ijiert.org/peer-review)
Editorial & Reviewers Board (https://www.ijiert.org/editorial-board)
Join as Reviewer (https://www.ijiert.org/joinasreviewer)

Contact Us

Address: 466, Kumthekar Road, Sadashiv Peth, Pune, M.S. India Zip-411030 Email: editorijiert@gmail.com (mailto:editorijiert@gmail.com)

About Us

About IJIERT (https://www.ijiert.org/about-us)
Aim & Scope (https://www.ijiert.org/)



ISSN No.2394-3696 (/img/issn-letter.jpg)

IJIERT indexing, abstracting and digital preservation:

Being an author-friendly journal, we take care of our authors even after making the paper available online. We feel that the authors publishing with us should get the better reach to their articles event if we exist or not. We commit for submission of the published papers to various repositories and the preservation libraries. The articles published must reach to the researchers all over the word for citation purpose of their future work. The indexing of the journal in various databases improves the journal rankings as more number of the researchers will cite the data. Scimago decides the journal ranking by average number of the citations the journal articles has over the specific period. The worldwide journal rankings are available at scimago (http://www.scimagojr.com/) journals rank. The basic need to improve journal ranking is to publish the original quality research articles and meet more number of citations. The high index journal will be promoting the research articles of the authors to more reputed repositories. Elsevier prepares and publish the journal citation reports. Know more (http://ipscience-help.thomsonreuters.com/incitesLive/JCRGroup/jcrOverview.html)

Every indexing and abstracting service has the basic criteria for inclusion of the journals. IJIERT is working continuously to get included in more and more standard databases for getting the journal ranking, index journal, journal citation reports. Up till now IJIERT is present by indexing means in following international indexing abstracting and digital preservation services. We are trying to elaborate the basics related to the indexing and abstracting services by answering following FAQ's we came across:

What is indexing of a journal?

Indexing is making the journal available in the renowned databases for better search, reach and citation of the articles

Shall the author have to pay for indexing?

If the journal is indexed in the service, authors are not supposed to pay for it separately. While individually, if author is submitting the paper to a particular service, author has to pay the charges to the service provider of indexing.

Who indexes the journal?

Various international service agencies and libraries for indexing will provide the service to the journal/ publisher or an individual author at paid or free of cost.

What are the benefits of indexing?

Generally, if the journal is indexed in various databases, it will be better for researchers to refer it and citations of the papers will improve rapidly.

The journals whose articles are present in more and more standard databases are normally known as high index journal.

What do we do to index your paper?

IJIERT has taken initiative to index the papers post publishing in many standard databases. We ask the authors to click on the indexing service symbol to check the presence of IJIERT in the database.

IJIERT is indexed in



(https://zenodo.org/communities/ijiert/)



(https://scholar.google.co.in/citations?



(https://www.openaire.eu/search/find?keyword=)





(http://www.directoryofscience.com/site/4549282) pmage (https://www.israjif.org/single.php?did=2394-3696)



(https://issuu.com/editorijiert)



(http://www.citefactor.org/journal/index/15164/international-journal-of-innovations-in-engineering-research-and-technology)



(http://oaji.net/journal-detail.html?number=1511)



(http://esjindex.org/indexedjournal.php?p=180)



http://ifsij.com/?page_id=57



(http://docplayer.net/)



(https://jgateplus.com/home/)



(https://journal-index.org/)



(https://www.mendeley.com/research-papers/?query=ijiert)



(http://sjifactor.com/passport.php?id=17971)



(https://www.doi.org/)



(https://www.base-

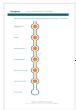
search.net/Search/Results?type=all&lookfor=ijiert&ling=1&oaboost=1&name=&thes=&refid=dcresen&newsearch=1)



(http://www.wcosj.com/site/search?Journal%5Btitle%5D=&Journal%5Beissn%5D=2394-

3696&Journal%5Bpissn%5D=&Journal%5Bdiscipline_id%5D=&Journal%5Bpublisher_country_id%5D=&yt0=)

Indexing Awaited



(https://www.thomsonreuters.com/en.html)

Journals

Topics (https://www.ijiert.org/topics)

Submit a Paper (https://www.ijiert.org/paper-submission)

Call for Papers (https://www.ijiert.org/call-for-paper)

Publication Charges (https://www.ijiert.org/publication-charges)

Guidelines for Author (https://www.ijiert.org/authors-guidelines)

Archive

All Issue (https://www.ijiert.org/all-issue)

Current Issue (https://www.ijiert.org/current-issue)

(https://www.ijiert.org/current-issue)

(https://www.ijiert.org/current-issue) Previous Issue (https://www.ijiert.org/previous-issue)

Special Issue (https://www.ijiert.org/special-issue)

Peer Review

Peer Review Process (https://www.ijiert.org/peer-review)
Editorial & Reviewers Board (https://www.ijiert.org/editorial-board)
Join as Reviewer (https://www.ijiert.org/joinasreviewer)

Contact Us

Address: 466, Kumthekar Road, Sadashiv Peth, Pune, M.S. India Zip-411030

Email: editorijiert@gmail.com (mailto:editorijiert@gmail.com)

About Us

About IJIERT (https://www.ijiert.org/about-us)
Aim & Scope (https://www.ijiert.org/)
Indexing (https://www.ijiert.org/indexing)
Advertise with us (https://www.ijiert.org/advertise-with-us)



(https://creativecommons.org/licenses/by/4.0/)

Home (https://www.ijiert.org/)| Downloads (https://www.ijiert.org/download)|
Privacy Policy (https://www.ijiert.org/privacy-policies)| Terms & Condition
(https://www.ijiert.org/terms-and-conditions)| Contact us
(https://www.ijiert.org/contact-ijiert)

Copyright @ 2017 IJIERT all right reserved.



ISSN No.2394-3696 (/img/issn-letter.jpg)

Volume 7, Issue 9

S.No		Title/Author Name	Paper	
1	TEA	Paper ID: 142158 CHING CHILDREN IN THREE LEARNING STYLES (pap DOI:	(download-file?	
	Sr.No. 1 2	SUYUNOVA DIYORA BAKHTIYOR KIZI U:	Country zbekistan zbekistan	file=1599137149_Volume 7, Issue 9.pdf) Page : 1-2
2	HOW TO	Paper ID: 142159 KEEP LOYAL RELATIONSHIPS WITH SERVICE CUSTO (paper-details.php?paper_id=14 DOI: Author Country B. E. HAJIKULOV Uzbekistan		file=1599137403_Volume 7, lssue 9.pdf) Page : 3-8
3	TENSII	Paper ID: 142169 LE STRENGTH ANALYSIS OF SIMILAR PLATE WITH F USED (paper-details.php?paper_ic DOI:		(download-file? file=1599411256_Volume 7
	Sr.No.	Author	Country	Issue 9.pdf)
	1	KHURD PRAVIN SURESH	India	\succeq
	2	PROF. ALIMODDIN PATEL	India	Page : 9-28
	3	PROF. S. P. BIRADAR, PROF. RAMESHWAR GADE	India	
4	ELABOI Sr.No.	Paper ID: 142170 RATING PEDAGOGICAL SKILLS OF SPECIALISTS IN 1 (paper-details.php?paper_id=1. DOI: Author		(download-file? file=1599412062_Volume 7 Issue 9.pdf)
	1	BAZAROVA UMIDA KHUDAYNAZAROVNA L	JZBEKISTAN	Page : 29-31
5		Paper ID: 142171 FECTURAL MONUMENTS AND CULTURAL VALUES (F	paper-details.php?paper_id=142171)	(download-file?
	Sr.No.	Author Country YUSUPOVA SHOIRA ISMOILOVNA Uzbekistan		Issue 9.pdf) Page : 32-36

6	Paper ID: 142172 SIMULTANEOUS TRANSLATION AND ITS ISSUES (paper-details.php?paper_id=142172) DOI:	(download-file?
	Sr.No. Author Country 1 BAHOROY SHERMATOVA Uzbekistan	file=1599448267_Volume 7, Issue 9.pdf)
	2 SOJIDA ALIMOVA Uzbekistan 3 OLIMOV SHOKHRUKH Uzbekistan	Page : 37-39
7	Paper ID: 142179 PEDAGOGICAL AND PSYCHOLOGICAL BASICS OF TRAINING TEACHERS (paper-details.php? paper_id=142179) DOI:	(download-file?
	Sr.No. Author Country 1 H. G ANIYEVA Uzbekistan	Issue 9.pdf) Page : 40-42
8	Paper ID: 142180 FROM THE HISTORY OF THE FORMATION OF THE NATIONAL THEATER ART (paper-details.php? paper_id=142180) DOI:	(download-file? file=1599581994_Volume 7, lssue 9.pdf)
	Sr.No. Author Country 1 DILFUZA NASRIDDINOVA Uzbekistan	Page : 43-45
9	Paper ID : 142181 THE KARAKALPAK FOLK EPOS SHARIYAR AS A MEANS OF THE AESTHETIC UPBRINGING THE FUTURE GENERATION (paper-details.php?paper_id=142181) DOI: Sr.No. Author Country	(download-file? file=1599582230_Volume 7, Issue 9.pdf)
	1 E. K. ALLAMBERGENOV Uzbekistan	Page : 46-50
10	Paper ID: 142186 IMPROVING THE SOCIAL AND PROFESSIONAL RESPONSIBILITY OF STUDENTS THROUGH A COMPETENT APPROACH (paper-details.php?paper_id=142186) DOI:	file=1599755642_Volume 7,
	Sr.No. Author Country 1 KADIROVA DILDORA NADZHATBEKOVNA Uzbekistan	Page : 51-53
11	Paper ID: 142187 STUDY OF INDIAN HISTORY, RELIGIOUS AND PHILOSOPHICAL HISTORY IN THE INDEPENDENT REPUBLIC OF UZBEKISTAN AND ITS FEATURES OF THE STRUCTURE SYSTEM (paper-details.php? paper_id=142187) DOI:	(download-file? file=1599793083_Volume 7, Issue 9.pdf)
	Sr.No. Author Country 1 SHOKHRUKHMIRZA MAMADIEV Uzbekistan	Page : 54-57
12	Paper ID: 142188 WAYS OF STRUCTURAL AND SEMANTIC FEATURES, SPEECH CONSTRUCTIONS IN SPEAKING AND DIALOGICAL SPEECH OF NATIONAL GROUP STUDENTS (paper-details.php?paper_id=142188) DOI:	(download-file? file=1599793195_Volume 7, Issue 9.pdf)
	Sr.No. Author Country 1 S. ZH. ATAVULLAEVA Uzbekistan	Page : 58-60
13	Paper ID: 142189 PERFORMANCE IMPROVEMENT OF PAMONG BELAJAR AT SPNF SKB BATUDAA (paperdetails.php?paper_id=142189) DOI:	(download-file? file=1599833628_Volume 7, Issue 9.pdf)
	Sr.No. Author Country 1 NASARUDIN USMAN Indonesia	
	2 ABD. HAMID ISA Indonesia 3 MISRAN RAHMAN , ABDUL RAHMAT Indonesia	Page : 61-66

14	1	Paper ID. LEMENTATION OF CLINICAL SUPERVISION ANAGING LEARNING IN TK DUNGALIYO C paper_id= DO Author ERNI C. AHMAD	file=1599833938_Volume 7, Issue 9.pdf) Page: 67-74		
	2	ABD. HAMID ISA		Indonesia	Fage . 07-74
	3	MOHAMMAD ZUBAIDI , ABDUL RAHMAT	-	Indonesia	
15	EQUA	Paper ID: 142191 ERMENT OF WOMEN THROUGH FAMILY WELFARE PROGRAMS (PKK) BASED ON GENDER LITY IN NAURU WIFE IN PAYUNGA VILLAGE BATUDAA GORONTALO DISTRICT (paperdetails.php?paper_id=142191) DOI:			file=1599834085_Volume 7,
	Sr.No.	Author KARSUM ZAIN	Count Indone	•	D 75 70
	2	ABD. HAMID ISA	Indone	esia	Page : 75-79
	3	MISRAN RAHMAN , ABDUL RAHMAT	Indone	esia	
16	USING A		ACHING OF per_id=1421	** •	file=1599834185_Volume 7, lssue 9.pdf) Page: 80-82
17	PERSO	Paper ID DNNEL MARKETING AS A MEANS OF LAE paper_id= DO Author	file=1599840883_Volume 7, lssue 9.pdf)		
	1	TASHPULATOV AYBEK L	Uzbekistan		Page : 83-87
18	1	Paper ID PROVING EFFICIENCY THROUGH THE USI ENT IN THE PRODUCTION OF BUILDING I	file=1599845553_Volume 7,		
	Sr.No.	Author		Country	Issue 9.pdf)
	1	KELDIYAROVA GULMIRA FARKHADOVN	۱A	Uzbekistan	
	2	MADJIDOVA TANZILA RAKHIMOVNA		Uzbekistan	Page : 88-92
	3	SATTOROV JAFAR JUMANAZAR O'G'L	I	Uzbekistan	
19	FOREI	Paper ID GN LANGUAGE TEACHING AND MOTHER DO	(download-file?		
	Sr.No.	Author YUSUPOVA BARCHINOY QAXRAMANO	OVNA	Country Uzbekistan	Issue 9.pdf) Page: 93-96
20	Paper ID: 142199 MODERN APPROACHES AND INNOVATIONS IN RUSSIAN LANGUAGE TEACHING IN PRIMARY SCHOOLS (paper-details.php?paper_id=142199) DOI:				(download-file? file=1600531209_Volume 7,
	Sr.No.	Author Arabova Mukhiba Bazarovna		Country Jzbekistan	issue s.pui)
	1 2	BATIRSHINA JUMAKUL KALMIRZAEVNA		Jzbekistan	Page : 97-99

21		Paper ID: 142200 GREAT MATH PROBLEMS (paper-details.ph DOI:	(download-file?	
	Sr.No.	Author XUJAMOV JUMANAZAR UROZMETOVICH	Country Uzbekistan	file=1600531368_Volume 7, Issue 9.pdf)
	2	KHUJATOV NURBEK JUMABOYEVICH	Uzbekistan	Page : 100-124
22	DEFOR	Paper ID: 142206 RMATION AND STABILITY ANALYSIS OF DOUBLE-WA EARTHQUAKE RETURN PERIODS (paper-detail DOI:	(download-file? file=1601000734_Volume 7, Issue 9.pdf)	
	Sr.No.	Author Country MOHAMED ABOUELNASR Egypt MOHAMED TAREK Egypt		
	2	MOHAMED TAREK Egypt		Page : 125-130
23	ALISHER	Paper ID: 142207 R NAVOIS POEMS ARE IN KARAKALPAK LANGUAGE DOI: Author Country	E (paper-details.php?paper_id=142207)	(download-file? file=1601041758_Volume 7,
	1	YORQINOY MADRIMOVA Uzbekistan		Issue 9.pdf) Page : 131-135
24		Paper ID: 142208 TISTIC SKILLS IN DESCRIBING THE CHARACTER IN details.php?paper_id=1422 DOI:	208)	(download-file? file=1601042302_Volume 7, Issue 9.pdf)
	Sr.No.	Author KTAYBEKOVA ZULFIYA KENGESBAEVNA	Country Uzbekistan	Page : 136-140
25	SU Sr.No.	Paper ID: 142209 RVEYS ON SOIL ALGOFLORA IN UZBEKISTAN (paper DOI: Author Country	er-details.php?paper_id=142209)	(download-file? file=1601128994_Volume 7, Issue 9.pdf)
	1	O. G. KHUSANOVA Uzbekistan		Page : 141-143
26	SYI	Paper ID : 142210 NTHESIS OF ORGANOMODIFIER BASED ON MONTM paper_id=142210) DOI :	(download-file? file=1601301873_Volume 7, Issue 9.pdf)	
	Sr.No.	Author GOFFOROV JAMSHID MURODILLAEVICH	Country Uzbekistan	
	2	MAKSUMOVA OYTURA SITDIKOVNA	Uzbekistan	Page : 144-147
27	A	Paper ID: 142212 HISTORICAL VIEW OF DESTRUCTIVE IDEAS AND ID paper_id=142212) DOI:	DEOLOGIES (paper-details.php?	(download-file? file=1601383074_Volume 7, Issue 9.pdf)
	Sr.No. 1	Author YULDASHEVA MATLUBA MUNAVAROVNA	Country Uzbekistan	Page : 148-150
28		Paper ID: 142213 ARTIFICIAL NEURAL NETWORKS FOR PREDICTING URBAN DISTRICT IN ZIMBABWE (paper-details		(download-file? file=1601474168_Volume 7, Issue 9.pdf)
	Sr.No.	Author Country DR. SMARTSON. P. NYONI Zimbabwe		
	2	MR. THABANI NYONI Zimbabwe		Page : 151-155

29		Pa RTIFICIAL NEURAL NETWORKS FO ED 15 YEARS AND BELOW AT GWE details.pl	(download-file? file=1601474300_Volume 7, Issue 9.pdf)	
	Sr.No.	Author DR. SMARTSON. P. NYONI MR. THABANI NYONI	Country Zimbabwe Zimbabwe	Page : 156-162
30	Paper ID: 142215 HIV/AIDS ON THE INCREASE IN PAKISTAN: A STERN WARNING FROM THE BOX-JENKINS ARIMA APPROACH (paper-details.php?paper_id=142215) DOI:			(download-file? file=1601474491_Volume 7,
	Sr.No.	Author DR. SMARTSON. P. NYONI	Country Zimbabwe	E
	2	MR. THABANI NYONI	Zimbabwe	Page : 163-171

Journals

Topics (https://www.ijiert.org/topics)

Submit a Paper (https://www.ijiert.org/paper-submission)

Call for Papers (https://www.ijiert.org/call-for-paper)

Publication Charges (https://www.ijiert.org/publication-charges)

Guidelines for Author (https://www.ijiert.org/authors-guidelines)

Archive

All Issue (https://www.ijiert.org/all-issue)

Current Issue (https://www.ijiert.org/current-issue)

(https://www.ijiert.org/current-issue)

(https://www.ijiert.org/current-issue) Previous Issue (https://www.ijiert.org/previous-issue)

Special Issue (https://www.ijiert.org/special-issue)

Peer Review

Peer Review Process (https://www.ijiert.org/peer-review)
Editorial & Reviewers Board (https://www.ijiert.org/editorial-board)

Join as Reviewer (https://www.ijiert.org/joinasreviewer)

Contact Us

Address: 466, Kumthekar Road, Sadashiv Peth, Pune, M.S. India Zip-411030

Email: editorijiert@gmail.com (mailto:editorijiert@gmail.com)

About Us

About IJIERT (https://www.ijiert.org/about-us)

Aim & Scope (https://www.ijiert.org/)

Indexing (https://www.ijiert.org/indexing)

Advertise with us (https://www.ijiert.org/advertise-with-us)



(https://creativecommons.org/licenses/by/4.0/)

Home (https://www.ijiert.org/)| Downloads (https://www.ijiert.org/download)|
Privacy Policy (https://www.ijiert.org/privacy-policies)| Terms & Condition
(https://www.ijiert.org/terms-and-conditions)| Contact us
(https://www.ijiert.org/contact-ijiert)

Copyright @ 2017 IJIERT all right reserved.



ISSN No.2394-3696 (/img/issn-letter.jpg)

Volume 7, Issue 9

PERFORMANCE IMPROVEMENT OF PAMONG BELAJAR AT SPNF SKB BATUDAA (142189)

DOI:

Authors: NASARUDIN USMAN, ABD. HAMID ISA, MISRAN RAHMAN, ABDUL RAHMAT

Abstract: This study aims to determine the development of motivation and performance of the civil service in the Sanggar Kegiatan Belajar. The research used in this study is qualitative research with the type of research that describes research that discusses data based on facts (facts) obtained in the field. The method used was a survey method with a questionnaire submitted to respondents as an instrument of research and this study was a tutor to study at the SKB in the Non-formal Education School (SPNF) SKB Batudaa District, Gorontalo District, and the total sample of 9 respondents.

Downloads: 1

Pages: 61-66

Download Paper (download-file?file=1599833628_Volume 7,

Issue 9.pdf) Publication Date : 2020-09-11

Modified Date: 2020-09-11

Cite/Export:

NASARUDIN USMAN, ABD. HAMID ISA, MISRAN RAHMAN, ABDUL RAHMAT, "PERFORMANCE IMPROVEMENT OF PAMONG BELAJAR AT SPNF SKB BATUDAA", IJIERT - International Journal of Innovations in Engineering Research and Technology, Volume 7, Issue 9, ISSN: 2394-3696, Page No. 61-66

Journals

Topics (https://www.ijiert.org/topics)

Submit a Paper (https://www.ijiert.org/paper-submission)

Call for Papers (https://www.ijiert.org/call-for-paper)

Publication Charges (https://www.ijiert.org/publication-charges)

Guidelines for Author (https://www.ijiert.org/authors-guidelines)

Archive

All Issue (https://www.ijiert.org/all-issue)

Current Issue (https://www.ijiert.org/current-issue)

(https://www.ijiert.org/current-issue)

(https://www.ijiert.org/current-issue) Previous Issue (https://www.ijiert.org/previous-issue)

Special Issue (https://www.ijiert.org/special-issue)

Peer Review

Peer Review Process (https://www.ijiert.org/peer-review)
Editorial & Reviewers Board (https://www.ijiert.org/editorial-board)
Join as Reviewer (https://www.ijiert.org/joinasreviewer)

Contact Us

Address: 466, Kumthekar Road, Sadashiv Peth, Pune, M.S. India Zip-411030

Email: editorijiert@gmail.com (mailto:editorijiert@gmail.com)

About Us

About IJIERT (https://www.ijiert.org/about-us)
Aim & Scope (https://www.ijiert.org/)

Indexing (https://www.ijiert.org/indexing)
Advertise with us (https://www.ijiert.org/advertise-with-us)



(https://creativecommons.org/licenses/by/4.0/)

Home (https://www.ijiert.org/)| Downloads (https://www.ijiert.org/download)|
Privacy Policy (https://www.ijiert.org/privacy-policies)| Terms & Condition
(https://www.ijiert.org/terms-and-conditions)| Contact us
(https://www.ijiert.org/contact-ijiert)

Copyright @ 2017 IJIERT all right reserved.

PERFORMANCE IMPROVEMENT OF PAMONG BELAJAR AT SPNF SKB BATUDAA

NASARUDIN USMAN

Nonformal Education Departement Post Graduate Program Gorontalo State University, Indonesia nazrudi22@gmail.com

ABD. HAMID ISA

Nonformal Education Departement Post Graduate Program Gorontalo State University, Indonesia abdhamidisa@gmail.com

MISRAN RAHMAN

Nonformal Education Departement Post Graduate Program Gorontalo State University, Indonesia misranrahman@ung.ac.id

ABDUL RAHMAT

Nonformal Education Departement Post Graduate Program Gorontalo State University, Indonesia abdulrahmat@ung.ac.id

ABSTRACT

This study aims to determine the development of motivation and performance of the civil service in the Sanggar Kegiatan Belajar. The research used in this study is qualitative research with the type of research that describes research that discusses data based on facts (facts) obtained in the field. The method used was a survey method with a questionnaire submitted to respondents as an instrument of research and this study was a tutor to study at the SKB in the Non-formal Education School (SPNF) SKB Batudaa District, Gorontalo District, and the total sample of 9 respondents. The results of the study showed that the training organized by the Gorontalo Province Education Office was in the context of increasing learning competence, increasing the ability to become a benchmark to improve learning performance. But in reality in the field, the tutelage compilation is included in the training activities, not all of them implement the results of the training in the training venue. Of course this also affects Performance Improvement. Because tutors who have attended competency training and improved performance, by implementing the results of training in the workplace, but on the challenge, to implement the results of the training encountered unsupportive constraints, so that in the end the learning guard who should become a professional could not even be able to advance the institution.

KEYWORDS: Development, Motivation and Performance

INTRODUCTION

In the era of globalization, the Indonesian nation is currently concerned in efforts to improve human resources, because human resources are a very determining factor in the acceleration of a nation's development. Prijono (1996: 27) explains that human resource development is a very urgent factor in national development with the consideration that human resource development is an added value orientation in producing a more comprehensive national product in order to increase national productivity. Furthermore, he said that the development of development which is increasingly fast and complex and the development of globalization in the form of open relations between countries in the fields of economy, industry, trade, information, as well as advances in science and technology require the preparation of professional human resources.

One of these efforts is to promote work culture among government officials including Civil Servants (Teachers / Pamong learns). The issuance of the Menpen Decree No. 4 of 1991 regarding the socialization of work

culture cannot be separated from efforts to increase employee productivity and improve human behavior as one of the dominant resources.

Development in the field of education is an effort to educate the nation's life and improve the quality of Indonesian people as a whole. To realize this development, it is necessary to increase and perfect education. One of the efforts to perfect and enhance development goals in the field of education is the issuance of Law no. 20 of 2003 concerning the National Education System which stipulates that the national education system is carried out through two channels, namely the Formal and Non-Formal Education channels. This means that Non-Formal Education (PNF) has the same position as Formal Education, in other words that Formal Education and Non-Formal Education are complementary and complementary.

With the issuance of PP 73 of 1991 concerning Non Formal Education (PNF), the direction and goals of nonformal education became clearer. Non-Formal Education is education that is held outside of school through teaching and learning activities that are not tiered and sustainable, whether institutionalized or not. Meanwhile, the Non Formal Education unit (PNF) includes courses, study groups, families, and similar non-formal education units. In implementing Non Formal Education (PNF), the Learning Activity Studio (SKB) / Development Center. Learning Activities (BPKB) as UPT in the regions in the regions have a very important role.

Development in the field of education is an effort to educate the nation's life and improve the quality of Indonesian people as a whole. To realize this development, it is necessary to increase and perfect education. One of the efforts to perfect and enhance development goals in the field of education is the issuance of Law no. 20 of 2003 concerning the National Education System which stipulates that the national education system is carried out through two channels, namely the Formal and Non-Formal Education channels. This means that Non-Formal Education (PNF) has the same position as Formal Education, in other words that Formal Education and Non-Formal Education are complementary and complementary.

With the issuance of PP 73 of 1991 concerning Non Formal Education (PNF), the direction and goals of nonformal education became clearer. Non-Formal Education is education that is held outside of school through teaching and learning activities that are not tiered and sustainable, whether institutionalized or not. Meanwhile, the Non Formal Education unit (PNF) includes courses, study groups, families, and similar non-formal education units. In implementing Non Formal Education (PNF), the Learning Activity Studio (SKB) / Development Center. Learning Activities (BPKB) as UPT in the regions in the regions have a very important role.

Therefore, to realize the duties and functions of the SKB / BPKB requires strong and professional personnel. With the issuance of the Decree of the Minister for Administrative Reform Number 127 / Menpan / 1988 dated 27 November 1933 concerning Work Motivation for Civil Service Students.

THEORETICAL BASIC

One important factor that can encourage optimal employee performance is motivation. Hasibuan (2003: 92) in Utomo's research (2010) states that motivation comes from the Latin word "movere" which means encouragement or driving force. Motivation is the impulse that arises in a person to take action because he wants to achieve the desired goal. The process of giving encouragement to employees so they can work to achieve company goals. In order to mobilize employees to suit what the company / agency wants, it must be understood that the motivation of the working employees, because this motivation determines the behavior of the people who work.

Koesmono (2005) in Murti and Srimulyani's (2013) research states that job satisfaction is an assessment, feelings or attitudes of a person or employee towards their job and is related to the work environment, type of work, compensation, relationships between colleagues, social relations in the workplace, and so on. Needs are one of the important factors to motivate employees, because as humans, they must have various primary and secondary needs. With employee motivation, their needs will be met, so that job satisfaction will arise which has a positive impact on their performance.

According to Stephen P. Robbins and Mary Coulter (2009: 22)

"Management is the coordination and supervision of other people's work activities so that their activities are completed efficiently and effectively"

According to Armstrong and Baron (1998: 15):

"Performance is the result of work that has a strong relationship with the organization's strategic objectives, customer satisfaction and makes an economic contribution".

From the conceptions of management and performance as mentioned above, public sector performance management is defined as a method for measuring the progress of programs or activities carried out by public sector organizations in achieving results or outcomes (Mahmudi: 2005).

RESEARCH METHODS

The approach used in this research is a qualitative approach, namely a research procedure that produces descriptive data in the form of words or writings and behaviors that can be observed from the subject itself (Arif Furchan: 1992, p. 21). Qualitative research is a type of research whose findings are not obtained through statistical procedures or other forms of calculation (Imam Gunawan: 2013, p. 80). According to Sukmadinata, qualitative research is research that is used to describe and analyze phenomena, events, social activities, attitudes, beliefs, perceptions and people individually or in groups (Nana Syaodih Sukmadinata: 2009, pp. 53-60) In qualitative research methods that are usually utilized are interviews, observations, and documents (Lexy J. Moleong: 2012, p. 5)

This type of research is descriptive, namely research that describes information data based on facts (facts) obtained in the field (Suharsimi Ari Kunto 1993, p. 309) This research was conducted at the SKB Nonformal Education, Batuadaa District, Gorontalo District. The method used is a survey method by distributing questionnaires to respondents as a research instrument. The research time was carried out for approximately 3 months.

The population of this study was the tutors of learning at the Sanggar of Learning Activities in the Non-formal Education, Batudaa District, Gorontalo District. The number of samples was 9 respondents. Determination of sampling using proportional stratified random sampling. Data collection using questionnaires and tests. The instrument used has met the validity and reliability requirements. The data used to describe the profile was carried out by descriptive analysis.

RESULT AND DISCUSSION

Tutor to learn are civil servants who are given the full duties, responsibilities, powers and rights by the authorized official to carry out teaching and learning activities in the context of developing models and making pilots and assessments in the context of quality control and the impact of implementing out-of-school and youth education programs. and sports (Kepmenkowasbangpan No. $25 \, / \, \text{KEP} \, / \, \text{MK.WASPAN} \, / \, \, G \, / \, \, 6/1999$; Article 1 (paragraph) 1. In general terms, tutors can be divided into two, namely skilled and expert tutors.

The main tasks of tutors in general consist of: (1) developing a model for non-formal and informal education programs, (2) carrying out teaching and learning activities in the framework of developing models and making PNFI programs, and (3) carrying out assessments in the context of quality control and implementation impact. PNFI program. Furthermore, based on their position in accordance with (Kepmenkowasbangpan No.25 / KEP / MK.WASPAN / G / 6/1999, tutors will be detailed again. Based on these main tasks, it can be concluded that the role of tutors is as follows (Wijatmoko, 2004).

1. Professional Development Competence

Professional development competence is closely related to how tutors can develop their career as well as applicable regulations. Positions are given based on the volume of work and achievements he has done. The capacity for professional development, especially in an effort to find various innovative models and to expand the scope of the PNFI program, can be used to support the implementation of kepamongan activities.

2. Academic Competence

Academic competence is a characteristic of highly educated individuals, as well as broad horizons of their physical and socio-cultural environment, natural and artificial environment, including ways of seeking understanding of natural and socio-cultural phenomena. Ability to express thoughts clearly and straightforwardly in language that is easily understood both orally and in writing,

the ability to assess the processes and results of their own thinking in addition to the processes and results of other people's thinking and express differences of opinion effectively. Academic ability is the basis for

studying, analyzing and criticizing phenomena that develop in the implementation of education (Hastuti, 2004).

3. Personal Social Competence

Social personal competencies include self-awareness (interests, talents, attitudes, and skills), self-confidence, communication with others, tolerance and concern for others, interpersonal relationships, understanding and problem solving, finding and developing positive habits, and independence and leadership. Personal ability is the basis for the development of personality attitudes in dealing with phenomena and problems that exist in the internal and external environment (personal and environmental) (Hastuti, 2004).

4. Cultural Competence

Cultural competence is how the tutor learns to understand the values that develop in the society in which he is located and develop them for the benefit of administrative, personal, and institutional duties. Mastery of culture to strengthen the development of local and national cultural diversity in the selection or allocation of various PNFI programs according to regional needs (Hastuti, 2004).

5. Technical Competence

Technical competence is the tutor's competence in carrying out its duties and functions (job description) in accordance with the prevailing laws and regulations. At certain ranks, they have their own duties and authorities (Hastuti, 2004).

6. Facilities and technology

Facilities and technology are absolutely necessary so that the work process can run well. The work process can run well if the equipment and technology used are in accordance with the work field and standards.

Management in the classical sense is the art of obtaining results through various activities carried out by other people. The element of management activities is the existence of humans as actors, the existence of a system that is regulating and binding and the existence of goals or targets to be achieved. Of the three elements must be synergized with one another. Humans as actors must be supported with sufficient abilities to achieve the desired goals. The system must be applicable, binding but also flexible to make it easier for actors to achieve goals. The targets that must be achieved must also be realistic but also not too low. Achieving targets can be done gradually over a period of time and continuously.

A person's leadership type affects the work process because leadership is related to decision-making styles, maintenance of relationships between superiors and subordinates, views on the level of maturity or maturity of subordinates in both psychological and technical terms, orientation in meeting the needs of subordinates, perceptions of task performance associated with Relationships with subordinates. The factors that need to be considered by a leader include discipline, dress code, behavior, speech and as an agent of environmental dynamism.

Giving rewards and punishments must be implemented to support the work process so that it runs optimally. Rewards are given if: (1) tutors make achievements that affect the progress of the SKB; (2) tutors carry out their duties and obligations in accordance with their respective job descriptions; (3) the tutor is able to find new discoveries that are useful for the task of the kepamongan, SKB, and community members; and (4) tutors are dedicated and have high discipline.

Punishment is imposed if: (1) the tutor neglects his duties and obligations; (2) the tutor has violated the discipline of the SKB institution; (3) tutors violating religious, social and money law norms can damage the tutor's reputation as well as the SKB; and (4) access can be interpreted as providing easy access for tutors to develop their interests, talents, abilities, vision, and mission regarding their duties and obligations as civil servants to participate in PNFI programs. The work process will run optimally if the two variables meet the minimum standards of tutor performance.

The development and improvement of the SKB tutor's performance requires several steps. These steps are illustrated in the chart above. First, identify the problem. As described above, there are six variables that affect the tutor's performance. Of the six variables, it can be seen that the weaknesses that exist in the SKB tutor by

using the instrument as a standard or through observation. What variables are lacking, are they competence, facilities, and technology.

CONCLUSION

The tutor is the spearhead of the implementation of pilot programs and quality control of PNF programs carried out by the SKB so that the tutors must have various competencies to support their main tasks and functions. The main tasks of tutors are to develop models of non-formal and informal education programs, carry out learning and learning activities in the context of developing models and making PNFI programs and carrying out assessments in the context of quality control and the impact of the implementation of the PNFI program. There are several variables that affect the tutor's performance in carrying out their main tasks and functions. Each variable has a very large effect on the tutor's performance. These variables are the tutor's competence, facilities and technology, access that supports the main tasks and functions of the tutors, leadership, reward and punishment systems and management.

Competency enhancement is carried out by means of coaching, continuing schooling, apprenticeships, training, courses and independent study. The addition of facilities and technology is made to comply with the minimum standards of facilities and technology so that tutors do not encounter obstacles in completing their tasks. For staff support, there is a need for work synchronization, mutual support activities between staff and tutors. As for improving management, it is necessary to unify quality commitments and have clear work procedures.

Increased leadership by giving examples, maintaining relationships between superiors and subordinates as environmental dynamics. System improvement by way of increasing reward and punishment. Increased access by providing opportunities for tutors to obtain fast and accurate information as well as providing opportunities to participate in non-formal education activities in their work environment. Efforts to improve the tutor's performance need to be followed up by making policies and collaborating with related parties so that the tutor's performance can increase.

SUGGESTION

From the results of this study, tutors can be understood and followed up carefully. Head of SKB, to accommodate and provide opportunities and encouragement for tutors to actualize in order to implement the results of the training. The District / City Education Office, administratively provides facilities and opportunities for tutors invited to training. Meanwhile for the Provincial Education Office, in order to improve the quality of training and always improve the management of training delivery.

REFERENCES

- 1) Arif Furchan. 1992. Introduction to Qualitative Research Methodology. National Business, Surabaya.
- 2) Ministry of National Education. 2003. Law Number 20 of 2003 concerning the National Education System. Jakarta: Ministry of National Education.
- 3) Ministry of National Education. 2006. Regulation of the Minister of National Education Number 23 of 2006 concerning Graduate Competency Standards. Jakarta: Ministry of National Education
- 4) Hadi, S. 2000. Research Methodology. Andi's Publisher: Yogyakarta.
- 5) Hasibuan, 2001. Management; Basic, Understanding, and Problems. Earth Literacy: Jakarta.
- 6) https://id.wikipedia.org/wiki/Analisi s_SWOT
- 7) Imam Gunawan. 2013. Qualitative Research Methods, Theory and Practice. Earth Literacy. Jakarta.
- 8) Judiani, Sri. 2010. "Implementation of Character Education in Elementary Schools through Strengthening the Implementation of the Curriculum". Journal of Education and Culture. Vol. 16 (3): 280-289
- 9) Koontz, H & Wihrich, H. 2006. Management Volume I. Erlangga: Jakarta.
- 10) Nawawi, Hadaridan M. Martini Hadari. 2006. Effective Leadership. Gajahmada University Press. Yogyakarta.
- 11) Prijono. 1996. Empowerment: Concept, Policy and Implementation. CSIS Jakarta:
- 12) Robbins, Stephen P. 2006. Essentials of Organizational Behavior. New Jersey: Prentice-Hall, Inc.
- 13) Sedarmayanti. 2009. Human Resources and Work Productivity. Bandung: CV. Mandar Forward
- 14) Siagian, S. P. 2000. Organizational Development Theory. Earth Literacy: Jakarta.

INTERNATIONAL JOURNAL OF INNOVATIONS IN ENGINEERING RESEARCH AND TECHNOLOGY [IJIERT]

ISSN: 2394-3696 Website: ijiert.org VOLUME 7, ISSUE 9, Sep.-2020

- 15) Sugiyono. 2006. Educational Research Methods. Bandung: Alfabeta.
- 16) 2008. Understanding Qualitative Research. Bandung: Alfabeta.
- 17) (2011). Educational Research Methods with Quantitative Approaches, Qualitative, and R & D. Bandung: Alfabeta.
- 18) Law of the Republic of Indonesia Number 20 of 2003 concerning: National education system. Jakarta: Legal Bureau and Organization Secretariat General of the Ministry of National Education.
- 19) Tampubolon. 2001. New Paredigma Quality Colleges for Higher Education Facing the Challenges of the 21st Century. Gramedia: Jakarta.
- 20) Wibowo. 2010. Performance Management. Jakarta: Rajawali Press.