



Shri. Shamrao Patil (Yadravkar) Educational & Charitable Trust's  
**Sharad Institute of Technology, College of Engineering, Yadrav**  
 \*NBA Accredited Programmes \*Accredited by NAAC with 'A' Grade  
**Faculty Research Publications in last 5 Years**  
**(2015-16 TO 2019-20)**  
**(An Autonomous Institute)**

<b>UGC Care Research Papers</b>					
<b>Department of Mechanical Engineering</b>					
<b>Sr. No</b>	<b>Name of Faculty member</b>	<b>Title of Research Paper</b>	<b>Name of Journal/Conference</b>	<b>Volume/Issue, Year of Publication</b>	<b>Scopus/SCI /UGC/DOI</b>
1	Mr. A. S. N. Husainy	Performance analysis of a solar grape dryer with thermal energy storage by PCM	International Research Journal of Engineering and Technology (IRJET)	Volume: 02, Issue: 07, ISSN 2395 0056 Oct. 2015	UGC Approved
2	Dr. V. S. Hajare	Experimental Study of Latent Heat Storage System using Nano-Mixed Phase Change Material	International Journal of Engineering Technology, Management and Applied Sciences	Volume 3, Issue 8, ISSN 2349-4476 Aug. 2015	UGC Approved
3	Mr. A. S. N. Husainy	Experimental Study of Double Slope Solar Distillation with and without Effect of Latent Thermal Energy Storage	Asian Review of Mechanical Engineering	Vol. 6 No. 2, ISSN: 2249 – 6289 Nov. 2017	UGC Approved
4	Mr. A. S. N. Husainy	Experimental Study of Double Slope Solar Distillation with and without Effect of Latent Thermal Energy Storage	Asian Review of Mechanical Engineering	Vol. 6 No. 2, ISSN: 2249 – 6289 Nov. 2017	UGC Approved
5	Mr. S. V. Kumbhar	Experimental investigation of EHD effect on the performance of double pipe heat exchanger	Asian Review of Mechanical Engineering	Volume 7 No.1 ISSN: 2249 – 6289 Jun. 2018	UGC Approved
6	Mr. M. A. Jadhav	Experimental investigation of EHD effect on the performance of double pipe heat exchanger	Asian Review of Mechanical Engineering	Volume 7 No.1 ISSN: 2249 – 6289 Jun. 2018	UGC Approved
7	Mr. S. G. Bardiya	Experimental investigation of EHD effect on the performance of double pipe heat exchanger	Asian Review of Mechanical Engineering	Volume 7 No.1 ISSN: 2249 – 6289 Jun. 2018	UGC Approved
8	Mr. S. V. Kumbhar	Heat Transfer Analysis of Continuous and Staggered Fin Arrays	Asian Review of Mechanical Engineering	Volume 7 No.1 ISSN: 2249 – 6289 Jun 2018	UGC Approved
9	Mr. M. A. Jadhav	Heat Transfer Analysis of Continuous and Staggered Fin Arrays	Asian Review of Mechanical Engineering	Volume 7 No.1 ISSN: 2249 – 6289 Jun. 2018	UGC Approved
10	Mr. S. G. Bardiya	Heat Transfer Analysis of Continuous and Staggered Fin Arrays	Asian Review of Mechanical Engineering	Volume 7 No.1 ISSN: 2249 – 6289 Jun. 2018	UGC Approved
11	Mr. S. V. Kumbhar	Design and Development of Helical Compression Spring Stiffness Testing Machine for I.C. Engine Valves with Stepper Motor by Using Computer Control	Asian Review of Mechanical Engineering	Volume 7 No.2 ISSN: 2249 – 6289 Dec. 2018	UGC Approved

12	Mr. A.M. Takale	Design and Development of Helical Compression Spring Stiffness Testing Machine for I.C. Engine Valves with Stepper Motor by Using Computer Control	Asian Review of Mechanical Engineering	Volume 7 No.2 ISSN: 2249 – 6289 Dec. 2018	UGC Approved
13	Mr. A. S. N. Husainy	Design and Experimentation on Mixed Mode Natural Convection Solar Dehydrator for Osmium Sanctum	Asian Review of Mechanical Engineering	Volume 7 No.2 ISSN: 2249 – 6289 Dec. 2018	UGC Approved
14	Mr. A. S. N. Husainy	Preparation, Properties, Stability and Applications of Different Nano Fluids: A Review	Asian Review of Mechanical Engineering	Volume 7 No.2 ISSN: 2249 – 6289 Dec. 2018	UGC Approved
15	Mr. A. S. N. Husainy	A Glance on Preparation, Stability, Properties and Applications of Nano Fluids	Asian Review of Mechanical Engineering	Volume 7 No.2 ISSN: 2249 – 6289 Dec. 2018	UGC Approved
16	Mr. A. S. N. Husainy	Performance improvement of ducted air conditioning system with different mass fraction of CuO nanoparticles mixed in POE oil	IRJET	Volume 6 No.4ISSN: 2395-0056 April. 2019	UGC Approved
17	Mr. A. S. N. Husainy	Development of Reflector Integrate Solar Cooker and their Waste Heat Recovery for Drying Application	International Research Journal of Engineering and Technology	Volume: 06 Issue: 01, e-ISSN: 2395-0056 Jan. 2019	UGC Approved
18	Mr. A. S. N. Husainy	Design, Analysis and Fabrication of Hydraulic Scrap Baling Machine	Asian Review of Mechanical Engineering	Volume 8 No.1 January-June 2019	UGC Approved
19	Mr. M. A. Jadhav	Design, Analysis and Fabrication of Hydraulic Scrap Baling Machine	Asian Review of Mechanical Engineering	Volume 8 No.1 January-June 2019	UGC Approved
20	Mr. S. V. Kumbhar	Design, Analysis and Fabrication of Hydraulic Scrap Baling Machine	Asian Review of Mechanical Engineering	Volume 8 No.1 January-June 2019	UGC Approved
21	Mr. S. G. Bardiya	Design, Analysis and Fabrication of Hydraulic Scrap Baling Machine	Asian Review of Mechanical Engineering	Volume 8 No.1 January-June 2019	UGC Approved
22	Mr. S. V. Kumbhar	Performance analysis of annular fin arrays with forced convection	Asian Review of Mechanical Engineering	Volume 7 No.2Dec 2018 ISSN-2249-6289	UGC Approved
23	Mr. M. A. Jadhav	Performance analysis of annular fin arrays with forced convection	Asian Review of Mechanical Engineering	Volume 7 No.2Dec 2018 ISSN-2249-6289	UGC Approved
24	Dr B N S Reddy	Impact of groove area on longitudinal shrinkage in CO <sub>2</sub> arc welding process	IJRASET	ISSN-2321-9653 Vol. 07, Issue: 08, Aug 2019	UGC Approved
25	Dr. V. S. Hajare	Impact of groove area on longitudinal shrinkage in CO <sub>2</sub> arc welding process	IJRASET	ISSN-2321-9653 Vol. 07, Issue: 08, Aug 2019	UGC Approved
26	Mr. M. M. Khade	Impact of groove area on longitudinal shrinkage in CO <sub>2</sub> arc welding process	IJRASET	ISSN-2321-9653 Vol. 07, Issue: 08, Aug 2019	UGC Approved
27	Mr. U. S. Patil	Impact of groove area on longitudinal shrinkage in CO <sub>2</sub> arc welding process	IJRASET	ISSN-2321-9653 Vol. 07, Issue: 08, Aug 2019	UGC Approved
28	Mr. A.A.Desai	DESIGN AND DEVELOPMENT OF A CONCEPTUAL ELECTRIC FLYING	International Research Journal of Engineering	e-ISSN: 2395-0056 Volume: 07 Issue:	UGC Approved

		VEHICLE	and Technology (IRJET)	10   Oct 2020	
<b>Department of Civil Engineering</b>					
<b>Sr. No</b>	<b>Name of Faculty member</b>	<b>Title of Research Paper</b>	<b>Name of Journal/Conference</b>	<b>Volume/Issue, Year of Publication</b>	<b>Scopus/SCI /UGC/DOI</b>
1	A C Chougule	Study of sismic analysis of water tank at ground level	International research journal of engineering and technology(IRJET)	ISSN 2395-0056 Vol. 4/ issue 7. 2895-2900	UGC Approved
2	A C Chougule	Effect of Stone crusher on ambient air quality	International research journal of engineering and technology(IRJET)	ISSN 2395-0056 Vol. 4/ issue 7. 2640-2644	UGC Approved
3	A C Chougule	Effective use of shelves in cantilever retaining walls	International research journal of engineering and technology(IRJET)	ISSN 2395-0056 Vol. 4/ issue 7. 2635-2639	UGC Approved
4	S A Patil	Study of sismic analysis of water tank at ground level	International research journal of engineering and technology(IRJET)	ISSN 2395-0056 Vol. 4/ issue 7. 2895-2900	UGC Approved
5	C K Kumbhoje	Effect of Stone crusher on ambient air quality	International research journal of engineering and technology(IRJET)	ISSN 2395-0056 Vol. 4/ issue 7. 2640-2644	UGC Approved
6	S SChougule	Study the effect of curvature on concrete bridge deck	IJRASET	ISSN:2321-9653 Vol 6 Issue 6 June 2018.	UGC Approved
7	M H Mota	Enhancement of performance of filter using deep bed mono media with alum as filter aid	International journal of advanced research in engineering and technology,	Volume 10, issue 03, june2019, ISSN print:0976-6480and ISSN online:0976-6499,	UGC Approved
<b>Department of Computer Science and Engineering</b>					
<b>Sr. No</b>	<b>Name of Faculty member</b>	<b>Title of Research Paper</b>	<b>Name of Journal/Conference</b>	<b>Volume/Issue, Year of Publication</b>	<b>Scopus/SCI /UGC/DOI</b>
1	Ms. S M Kamabare	Framework for secure data sharing in dynamic group using public cloud	International Journal of Research and Analytical Reviews(IJRAR) E-ISSN 2348-1269, P-ISSN 2349-5138	No-43602,volume-7 Issue-2 2020	UGC Approved

2	Mrs.V.A.Jujare	Framework for secure data sharing in dynamic group using public cloud	International Journal of Research and Analytical Reviews(IJRAR) E-ISSN 2348-1269, P-ISSN 2349-5138	No-43602,volume-7 Issue-2 2020	UGC Approved
3	SonaliPatil	Cyber Building and Detection avoidance	IJRAR	Volume 7 June 2020	UGC Approved
4	Dr. S. K. Muthusundar	Study Of Familiar Big Data Extraction By Web And Screen Scrapping Techniques	International Journal Of Research And Analytical Review	February 2019, Vol.06, Issue.01	UGC Approved
5	Dr. S. K. Muthusundar	Advanced Component Study On Content Based Feature Shape Image Retrieval Techniques	International Journal Of Research And Analytical Review	February 2019, Vol.06, Issue.01	UGC Approved
6	Dr.TurukmaneAnil Vitthalrao	Tracing Packet Using Packet Marking Mechanism Techniques	IRJET	ISSN (Online)- 2394-0697	UGC Approved
7	Dr.TurukmaneAnil Vitthalrao	Multiways Security Techniques For Tracing Packet In DOS Attacks	IRJET	ISSN (Online)- 2394-0697	UGC Approved
8	Dr.TurukmaneAnil Vitthalrao	Factory Worker Alcohol Detector	IRJET	ISSN (Online)- 2394-0697	UGC Approved
9	Dr.TurukmaneAnil Vitthalrao	Child Care Monitoring Using Sensor Technology" ISSN (Online)- 2395-0056	IRJET	ISSN (Online)- 2395-0056	UGC Approved
10	Dr.TurukmaneAnil Vitthalrao	Packet Marking Based On Trace Back Mechanism	IRJET	ISSN (Online)- 2395-0056	UGC Approved
11	Dr.TurukmaneAnil Vitthalrao	Rectified Probabilistics Marking Based On Trace Back Mechanism	IRJET	ISSN (Online)- 2395-0056	UGC Approved
12	Mr.Mulani Umar Mubarak	Deaf Culture & Sign Language Reorganization" In International Journal Of Innovative Research In Computer And Communication	International Journal Of Innovative Research In Computer And Communication	Vol. 4, Issue 10, October 2016, ISSN 2320 – 9801	UGC Approved

		Engineering	Engineering		
13	Mr.Mulani Umar Mubarak	Reforesting Arial Vehicle" In International Journal Of Engineering Research In Electrical & Electronic Engineering	International Journal Of Innovative Research In Computer And Communication Engineering	Vol. 4, Issue 10, October 2016, ISSN 2320 – 9801	UGC Approved
14	Dr.TurukmaneAnil Vitthalrao	Secure Packet Using Dynamic Probabilistics Packet Marking	IJRET	ISSN- 2321-8843	UGC Approved
15	Dr.TurukmaneAnil Vitthalrao	Secure Network Using Rectified Probabilistics Packet Based On Trace Back Defense Against DDOS Flooding Attacks	IJRET	ISSN- 2321-8843	UGC Approved

**Department of Electronics and Telecommunication Engineering**

Sr. No	Name of Faculty member	Title of Research Paper	Name of Journal/Conference	Volume/Issue, Year of Publication	Scopus/SCI /UGC/DOI
1	Ms M B Mulik	GSM based Paralysis patient Monitoring System	IJRET	ISSN-2395-0056 Vol-7, Issue-6	UGC Approved
2	Ms M N Sachane	IoT Based Advanced Greenhouse System	IJRET	ISSN-2395-0056 Vol-7, Issue-6	UGC Approved
3	Mr.T.M.Diwakar	Emerging steps in mobile network 5G to 7G:Review	IJRAR	ISSN-2348-1269 Vol-6, Issue-2	UGC Approved
4	Ms.P.D.Ghate	Emerging steps in mobile network 5G to 7G:Review	IJRAR	ISSN-2348-1269 Vol-6, Issue-2	UGC Approved
5	Ms.D.M.Biradar	Emerging steps in mobile network 5G to 7G:Review	IJRAR	ISSN-2348-1269 Vol-6, Issue-2	UGC Approved
6	Ms.S.Y.Salunkhe	Emerging steps in mobile network 5G to 7G:Review	IJRAR	ISSN-2348-1269 Vol-6, Issue-2	UGC Approved

**Department of Electrical Engineering**

<b>Sr. No</b>	<b>Name of Faculty member</b>	<b>Title of Research Paper</b>	<b>Name of Journal/Conference</b>	<b>Volume/Issue, Year of Publication</b>	<b>Scopus/SCI /UGC/DOI</b>
1	M. A. Mulla	Rural Electrification with Wind and Solar Hybrid Generation System using MPPT	Journal of Advances in science and Technology	Volume 12, Issue 25, ISSN- 2230-9659, Dec-2016	UGC Approved
2	Mr. A.A.Suryawanshi	Solar Powered Multifunctional Agricultural Robot	International Research Journal of Engineering and Technology (IRJET)	Volume: 06 Issue: 03   March 2019 e-ISSN: 2395-0056 p ISSN: 2395-0072, Mar-2019	UGC Approved