

RESUME

Dr. P. A. Harari

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Career Objective

Develop the professional and research skills for the students by providing work based learning. Provide quality education to the students.

Educational Qualifications

Course	Branch	Institute	University	Year of Passing	Percentage
Ph.D	Mechanical Engineering	S.D.M College of Engineering and Technology, Dharwad	Visvesvaraya Technological University, Belagavi	2023	NA
M.Tech	Thermal Power Engineering	Bapuji Institute of Engineering and Technology, Davangere	Visvesvaraya Technological University, Belagavi	2015	73.12
B.E	Mechanical Engineering	Shaikh College of Engineering and Technology, Belagavi	Visvesvaraya Technological University, Belagavi	2013	69.04
P.U.C	Science	S.D.V.S Sangh's PU College, Sankeshwar	Department of Pre-University Education, Bengaluru	2009	66.83
S.S.L.C	State Board, Karnataka	Govt. High School, U-Khanapur	Karnataka Secondary Education Board, Bengaluru	2007	85.28

Work Experience

Sr. No.	Designation	Institute	University	Period	Duration
1	Assistant Professor	Samarth Group of Institutions College of Engineering, Belhe (Pune)	Savitribai Phule University of Pune	6 Jul 2015 to 24 Dec 2016	1.5 Years
2	Assistant Professor	Sant Gajanan Maharaj College of Engineering, Mahagaon (Kolhapur)	Shivaji University Kolhapur	2 Jan 2017 to 5 Oct 2021	4.5 Years
3	Assistant Professor	School of Engineering and Technology, CMR University, Bengaluru	CMR University Bengaluru	11 Oct 2021 to Till Date	02 Years

Awards Received

Sr. No.	Title	Organization	Date
1	Adarsh Vidya Saraswati Rashtriya Puraskar	Global Management Council, Ahmedabad	2 Oct 2018
2	Best Researcher National Award	Innovative Research Developers and Publishers, Chennai	28 Oct 2018
3	Best Teacher Award	Sant Gajanan Maharaj College of Engineering, Mahagaon	27 Mar 2019
4	Outstanding Researcher Award	Green Thinkerz	15 Nov 2019
5	National Eminent Author Award	International Institute of Organized Research	17 Oct 2020
6	Best Paper Award in ICMSE-2021	S.J.B Institute of Technology, Bangalore	7-8 May 2021
7	Young Scientist Award	V.D Good Technology Factory	12 Nov 2021

Memberships in Professional Bodies

Sr. No.	Organization	Membership No.	Validity
1	International Association of Engineers	180656	Life Time
2	Innovative Research Developers and Publishers	IRDP/Award/2018/02/127	Life Time
3	I2OR Edu-Tech Community	I2OR/ETCM-981	Life Time
4	International Institute of Organized Research	I2OR/2020/00896	Life Time

University Approval

Sr. No.	University	Date	Type
1	Savitribai Phule University of Pune	2 Jun – 24 Dec 2016	Full Time

Editorial Board Member for Journals

Sr. No.	Journal	Membership No.	Designation
1	Glacier Journal of Scientific Research	GJSR/LM/7	Member of Editorial Board
2	International Journal of Machine Tools and Maintenance Engineering	IJMTME/LM/5	Associate Editor
3	Engineering and Scientific International Journal	ESIJ/LM/20	Member of Editorial Board
4	International Journal of Automobile Engineering	IJAE/LM/10	Assistant Editor
5	International Journal of Materials Science	IJMS/LM/20	Assistant Editor
6	International Journal of Mechanical and Thermal Engineering	IJMTE/LM/22	Assistant Editor
7	International Journal of Mechanics of Solids	IJMS/LM/19	Assistant Editor

Patents Filed

Sr. No.	Title	Application No.
1	Design and development of electro-magnetic braking system	202241061095
2	Fabrication of polymer composites for wind turbine blades	202241061096
3	Design and fabrication of fatigue testing machine	202241061097
4	Analysis of circular fins for bike engine	202241061098

Reviewer for Journals

Sr. No.	Journals	Designation
1	Iconic Research and Engineering Journals	Reviewer
2	International Journal of Advanced Research and Innovative Ideas in Education	Reviewer
3	International Research Journal of Innovations in Engineering and Technology	Reviewer

Books Published

Sr. No.	Title of the Book	Publisher	ISBN No.
1	Advanced Manufacturing Processes	Vandana Publication	9788193209547
2	Neem Biodiesel as an Alternative Fuel for Diesel Engines	Lambert Academic Publication	9786139899715
3	Alternative Fuels for Internal Combustion Engines	Lambert Academic Publication	9783330011526
4	Business Management for Engineers	Lambert Academic Publication	9786204750057
5	Operations Management	Lambert Academic Publication	9786205498958

Papers Published in Journals

Sr. No.	Title of the Paper	Journal	Volume (Issue)	Page No.	Year	Indexing
1	Simarouba biodiesel as an alternative fuel for CI engine: review	International Journal of Innovative Research in Science, Engineering and Technology	4(3)	1059-1063	2015	Cross Reference
2	Mahua biodiesel as an alternative fuel for CI engine: review	International Journal of Modern Engineering Research	5(4)	24-31	2015	Google Scholar
3	Effect of injection pressure and nozzle hole diameter on combustion parameters of CI engine fuelled with B20 neem blend	International Journal of Innovative Research in Science, Engineering and Technology	4(5)	2857-2870	2015	Cross Reference
4	Nerium (adelfa) biodiesel as an alternative fuel for CI engine: review	International Journal of Innovative Research in Science, Engineering and Technology	4(10)	9530-9535	2015	Cross Reference
5	Tamanu (calophyllum inophyllum) biodiesel as an alternative fuel for CI engine: review	International Journal of Innovative Research in Science, Engineering and Technology	4(11)	11326-11332	2015	Cross Reference
6	Effect of exhaust gas recirculation on the performance and emission characteristics of CI engine fuelled with diesel – compressed biogas and ROME – compressed biogas	International Journal of Advance Research and Innovative Ideas in Education	1(3)	363-371	2015	Google Scholar
7	Thumba biodiesel as an alternative fuel for CI engine: review	International Journal of Advance Research and Innovative Ideas in Education	1(3)	476-480	2015	Google Scholar

8	Experimental investigation on the combustion parameters of B20 neem blend in CI engine by varying injection timing and nozzle hole diameter	International Journal of Advance Research and Innovative Ideas in Education	1(4)	503-510	2015	Google Scholar
9	Rice bran oil methyl ester (ROME) as an alternative fuel for CI engine: review	International Journal of Advance Research and Innovative Ideas in Education	1(4)	511-516	2015	Google Scholar
10	Jatropha biodiesel as an alternative fuel for CI engine: review	International Journal of Advance Research and Innovative Ideas in Education	1(5)	314-327	2015	Google Scholar
11	Rubber seed oil as an alternative fuel for CI engine: review	International Journal of Advance Research and Innovative Ideas in Education	1(5)	574-579	2015	Google Scholar
12	Experimental investigation on the performance combustion and emission characteristics of CI engine fuelled with diesel and rice bran oil methyl ester (ROME)	International Journal of Advance Research and Innovative Ideas in Education	1(5)	580-587	2015	Google Scholar
13	Performance parameters of B20 neem blend in CI engine by varying injection timing and nozzle hole diameter	International Journal of Innovative Research in Science, Engineering and Technology	5(2)	1434-1442	2016	Cross Reference
14	Palm biodiesel as an alternative fuel for CI engine: review	International Journal of Engineering and Management Research	6(1)	496-499	2016	Cross Reference
15	Effect of carburetor type on CI engine fuelled with diesel – compressed biogas and rice bran oil methyl ester (ROME) – compressed biogas	International Journal of Engineering and Management Research	6(2)	90-96	2016	Cross Reference

16	A review on effect of exhaust gas recirculation (EGR) in diesel engines	International Journal of Engineering and Management Research	6(2)	437-443	2016	Cross Reference
17	Experimental investigation on the production of biodiesel from various oils and determine various properties	International Journal of Engineering and Management Research	6(2)	666-670	2016	Cross Reference
18	A review on effect of nozzle hole geometry on the performance combustion and emission parameters of CI engine fuelled with diesel and biodiesel	International Journal of Engineering and Management Research	6(3)	39-48	2016	Cross Reference
19	A review on effect of combustion chamber geometry on the performance combustion and emission parameters of compression ignition engine fuelled with biodiesel	International Journal of Engineering and Management Research	6(3)	304-316	2016	Cross Reference
20	Experimental investigation on the performance characteristics of compression ignition engine fuelled with various blends of nerium biodiesel	Imperial Journal of Interdisciplinary Research	2(9)	1015-1020	2016	Google Scholar
21	A review on effect of compression ratio on the performance, combustion and emission characteristics of compression ignition engine fuelled with biodiesel	International Journal of Current Research	8(9)	37843-37859	2016	Cross Reference
22	Experimental investigation on the performance characteristics of compression ignition engine fuelled with various blends of calophyllum inophyllum biodiesel	International Research Journal of Engineering and Technology	3(8)	752-757	2016	Cross Reference
23	Experimental investigation on the performance and emission characteristics of compression ignition engine fuelled with various blends of jatropha biodiesel	International Journal for Scientific Research and Development	4(8)	812-817	2016	Google Scholar
24	Comprehensive review on performance, combustion and emission characteristics of compression ignition engine fuelled with producer gas in dual fuel mode	International Journal of Engineering and Management Research	7(1)	90-99	2017	Cross Reference

25	Comprehensive review on emission characteristics of homogeneous charge compression ignition (HCCI) engine operated with renewable fuels	International Journal of Engineering and Management Research	7(1)	375-379	2017	Cross Reference
26	Experimental investigation on the performance and emission characteristics of compression ignition engine fuelled with various blends of water melon biodiesel	Integrated Research Advances	4(1)	18-23	2017	UGC Care
27	Experimental investigation on the effect of injection timing, carburetor type and exhaust gas recirculation on compression ignition engine fuelled with diesel – compressed biogas and rice bran oil methyl ester – compressed biogas	Integrated Research Advances	4(2)	29-36	2017	UGC Care
28	Hydraulic drum handling system	International Journal for Scientific Research and Development	5(3)	1616-1619	2017	Google Scholar
29	Effect of ethanol gasoline blends on performance characteristics of the SI engine	International Journal for Scientific Research and Development	5(3)	1653-1654	2017	Google Scholar
30	Design and optimization of vertical axis wind turbine	International Journal for Research and Development in Technology	8(4)	65-69	2017	Google Scholar
31	Strength evaluation of truck bumper for peak load by numerical method	International Journal of Advance Research and Innovative Ideas in Education	3(5)	1547-1552	2017	Google Scholar
32	Comprehensive review on enabling reactivity controlled compression ignition (RCCI) in diesel engines	Integrated Research Advances	5(1)	5-19	2018	UGC Care
33	Fabrication and characterization of carbon nano-tubes reinforced copper nano-composites by powder metallurgy technique	International Journal of Advance Research in Science and Engineering	7(1)	638-651	2018	Google Scholar

34	Experimental studies on production of biodiesel from thevetia peruviana feedstock	International Journal of Engineering and Management Research	8(2)	46-49	2018	Cross Reference
35	Effect of nozzle hole geometry on compression ignition engine fuelled with thevetia peruviana biodiesel	International Journal of Innovative Research in Science, Engineering and Technology	7(12)	11861-11871	2018	Cross Reference
36	Effect of injection timing on the performance and emissions of dual fuel engine operated with compressed biogas and calophyllum inophyllum methyl ester	International Journal of Research in Advent Technology	7(4)	1-8	2019	Web of Science
37	Comparison of various B20 biodiesel blends in diesel engines	International Journal of Research in Advent Technology	7(4)	294-305	2019	Web of Science
38	Effect of injection timing on compression ignition engine fuelled with thevetia peruviana biodiesel	International Journal of Innovative Research in Science, Engineering and Technology	8(5)	5744-5754	2019	Cross Reference
39	Experimental examination and analysis on compression ignition engine using simarouba biodiesel, hippe biodiesel and Al ₂ O ₃ nano additive blended biodiesel	World Journal of Engineering Research and Technology	5(4)	194-214	2019	Cross Reference
40	Experimental studies on performance and emission characteristics of reactivity controlled compression ignition (RCCI) engine operated with gasoline and thevetia peruviana biodiesel	Renewable Energy (ELSEVIER)	160	865-875	2020	Scopus
41	Comparative study on effect of hydrogen and hydrogen blended compressed natural gas on homogeneous charge compression ignition and reactivity controlled compression ignition mode of combustion	Society of Automotive Engineers (SAE)	28-0010	1-8	2021	Scopus

42	Experimental investigation on compression ignition engine powered with pentanol and thevetia peruviana methyl ester under reactivity controlled compression ignition mode of operation	Case Studies in Thermal Engineering (ELSEVIER)	25	1-12	2021	Scopus
43	Effect of CNG and CBG as low reactivity fuels along with diesel and TPME as high reactivity fuels in RCCI mode of combustion by varying different loads	Materials Today: Proceedings (ELSEVIER)	47(10)	2491-2494	2021	Scopus
44	Performance and emission characteristics of a diesel engine operated on diverse modes using renewable and sustainable fuels derived from dairy scum and municipal solid waste	Materials Today: Proceedings (ELSEVIER)	47(10)	2592-2597	2021	Scopus
45	Effect of injection pressure, injection timing and nozzle geometry on performance and emission characteristics of diesel engine operated with thevetia peruviana biodiesel	Materials Today: Proceedings (ELSEVIER)	47(10)	2622-2626	2021	Scopus
46	Effect of injection timing and injection duration of manifold injected fuels in reactivity controlled compression ignition engine operated with renewable fuels	Energies (MDPI)	14(15)	1-18	2021	Scopus
47	Design optimization of strain gauge mounting cross section length of strain gauge balance component for wind tunnel application	Materials Today: Proceedings (ELSEVIER)	49(5)	1637-1645	2022	Scopus
48	Effect of injection timing on the performance of ceiba pendatra biodiesel powered dual fuel engine	Materials Today: Proceedings (ELSEVIER)	49(5)	1756-1761	2022	Scopus
49	Effect of hydrogen flow rates on the performance of two biodiesels fuelled dual fuel engine	Materials Today: Proceedings (ELSEVIER)	49(5)	2189-2196	2022	Scopus
50	Experimental investigation on the effect of gaseous fuels energy share on reactivity controlled compression ignition mode of combustion operated with gaseous fuels and liquid fuels	Materials Today: Proceedings (ELSEVIER)	52(3)	1121-1130	2022	Scopus

51	Influence of hydrogen and exhaust gas recirculation on the performance and emission characteristics of a diesel engine operated on dual fuel mode using dairy scum biodiesel and low calorific value gas	Materials Today: Proceedings (ELSEVIER)	52(3)	1429-1435	2022	Scopus
52	Effect of injection timing on the performance of dual fuel engine fuelled with algae nano-biodiesel blends and biogas induction	Materials Today: Proceedings (ELSEVIER)	59(1)	289-296	2022	Scopus
53	Effect of piston and cylinder head swirl generation techniques on the performance of ceiba pentadra and nigella sativa B20 biodiesel blended diesel engine operation	Materials Today: Proceedings (ELSEVIER)	59(1)	413-420	2022	Scopus
54	Effect of injection parameters on the combustion characteristics of diesel engine operated with thevetia peruviana methyl ester	International Journal for Modern Trends in Science and Technology	7(12)	315-320	2021	Web of Science
55	Effect of injection timing on the performance of CRDI diesel engine fuelled with fish oil biodiesel and its blends doped with pyrogallol antioxidants	Journal of Mines, Metals and Fuels	69(12A)	48-61	2021	Scopus
56	Effect of venture design on the performance of CNG and biogas operated dual fuel engine with jamun seed oil methyl ester blends	Journal of Mines, Metals and Fuels	69(12A)	310-316	2021	Scopus
57	Design and analysis of circular fins for bike engine	International Journal for Modern Trends in Science and Technology	8(5)	246-251	2022	Web of Science
58	Diesel engine performance fuelled with manifold injection of ethanol and water-in-diesel emulsion blends	Materials Today: Proceedings (ELSEVIER)	66(4)	1914-1919	2022	Scopus
59	Diesel engine operated with various blends of argemone biodiesel	International Journal for Modern Trends in Science and Technology	8(7)	271-275	2022	Web of Science
60	Effect of diesel engine modification operated with karanja biodiesel and its blends	Materials Today: Proceedings (ELSEVIER)	https://doi.org/10.1016/j.matpr.2022.10.189			Scopus
61	Experimental injection timing studies on hydrogen and biodiesel powered dual fuel engines	Positif Journal	22(11)	69-83	2022	Scopus

62	Effect of MWCNTs nano-additive on a dual-fuel engine characteristics utilizing dairy scum oil methyl ester and producer gas	Case Studies in Thermal Engineering	42	102661	2023	Scopus
63	Use of Biodiesel in Conventional and Dual Fuel Engines – A Review Approach	YMER Journal	22(2)	436-453	2023	Scopus
64	Effect of biogas flow rate on the combustion, emission and performance characteristics of dual fuel engine fuelled with ceiba pentandra biodiesel	Materials Today: Proceedings (ELSEVIER)	https://doi.org/10.1016/j.matpr.2023.06.259			Scopus

Papers Presented in Conferences

Sr. No.	Title of the Paper	Conference	Date	Organization
1	Influence of injection pressure and nozzle hole diameter on performance of CI engine fuelled with B20 neem blend	National Conference on Trends and Innovations in Automation, Materials and Thermal Engineering (TIAMTE 2015)	21-22 May 2015	VTU, Mysuru
2	A review on effect of inlet air temperature and inlet air pressure in diesel engines	National Conference on Green Energy: Potentials and Applications (NCGEPA 2016)	13-14 May 2016	VCET, Puttur
3	Experimental investigation on the performance and emission characteristics of compression ignition engine fuelled with various blends of thevetia peruviana biodiesel	International Conference on Advanced Technologies for Societal Applications (Techno-Societal 2016)	20-21 Dec 2016	SVERICE, Pandharpur
4	Effect of nozzle hole geometry on the performance and emission characteristics of CI engine fuelled with mahua biodiesel	National Conference Mehmastic 2K17	18-19 May 2017	KIT, Tiptur
5	Belt type oil skimmer	National Conference Mehmastic 2K17	18-19 May 2017	KIT, Tiptur
6	Comparative study on the performance, combustion and emission characteristics of compression ignition engine fuelled with B20 blends of pongamia, mahua and neem biodiesel	National Conference on Recent Trends in Mechanical Engineering (NCRTME 2017)	29-30 Jun 2017	WCE, Sangli
7	Fabrication and characterization of carbon nano-tubes reinforced copper nano-composites by powder metallurgy technique	National Conference on Emerging Trends in Engineering and Technology (NCETET 2018)	10 Mar 2018	BVCE, Kolhapur

8	Performance and emission characteristics of compression ignition engine fuelled with various blends of thumba biodiesel	National Conference on Progress and Research in Mechanical Engineering (PRIME 2018)	11 May 2018	SDMCET, Dharwad
9	Effect of injection pressure on the compression ignition engine fueled with mahua biodiesel	National Conference on Excellence in Design, Manufacturing and Automation (NCEDMA 2018)	26-27 Apr 2018	DKTE, Ichalkarnji
10	Fish oil methyl ester as an effective biodiesel for diesel engines	National Conference on Recent Trends in Science and Technology (NCRTST 2019)	7 Mar 2019	SGMCOE, Mahagaon
11	Effect of injection timing on the performance and emissions of homogeneous charge compression ignition engine operated with compressed biogas and thevetia peruviana methyl ester	International Conference on Advances in Mechanical Engineering and Management (ICAMEM 2019)	22-23 March 2019	VVCE, Mysuru
12	Experimental investigation on compression ignition engine using simarouba biodiesel, hippe biodiesel and Al ₂ O ₃ nano additive blended biodiesel	International Conference on Advances in Mechanical Engineering and Management (ICAMEM 2019)	22-23 March 2019	VVCE, Mysuru
13	Experimental studies on reactivity controlled compression ignition (RCCI) engine operated with pentanol and thevetia peruviana methyl ester	National Conference on Internal Combustion Engines and Combustion (NCICEC 2019)	1-4 Nov 2019	NIT, Kurukshetra
14	Experimental investigation on Homogeneous charge compression ignition engine fueled with CNG and CBG	National Conference on Progress and Research in Mechanical Engineering (PRIME 2020)	31 Jul 2020	SDMCET, Dharwad
15	Experimental investigation on RCCI engine operated with dairy scum oil methyl ester and producer gas	International Conference on Smart Technologies for Energy, Environment and Sustainable Development (ICSTEESD 2020)	4-5 Dec 2020	GHRCE, Nagpur

16	Experimental investigation on reactivity controlled compression ignition engine powered with ethanol and thevetia peruviana biodiesel	International Conference on Smart Technologies for Energy, Environment and Sustainable Development (ICSTEESD 2020)	4-5 Dec 2020	GHRCE, Nagpur
17	Experimental studies on RCCI engine powered with n-butanol and thevetia peruviana methyl ester	International Conference on Advanced Technologies for Societal Applications (Techno-Societal 2020)	11-12 Dec 2020	SVERICE, Pandharpur
18	Experimental investigation on reactivity controlled compression ignition engine fueled with compressed natural gas and compressed biogas as manifold fuels and thevetia peruviana blends as pilot fuels	International Symposium on Fuels and Lubricants (ISFL 2021)	15-17 Mar 2021	Indian Oil
19	Performance and emission characteristics of a diesel engine operated on diverse modes using renewable and sustainable fuels derived from dairy scum and municipal solid waste	International Conference on Materials and System Engineering (ICMSE 2021)	7-8 May 2021	SJBIT, Bengaluru
20	Effect of injection pressure, injection timing and nozzle geometry on performance and emission characteristics of diesel engine operated with thevetia peruviana biodiesel	International Conference on Materials and System Engineering (ICMSE 2021)	7-8 May 2021	SJBIT, Bengaluru
21	Effect of CNG and CBG as low reactivity fuels along with diesel and TPME as high reactivity fuels in RCCI mode of combustion by varying different loads	International Conference on Materials and System Engineering (ICMSE 2021)	7-8 May 2021	SJBIT, Bengaluru
22	Design optimization of strain gauge mounting cross section length of strain gauge balance component for wind tunnel application	Global Conference on Recent Advances in Sustainable Materials (GC-RASM 2021)	29-30 Jul 2021	AJIET, Mangalore
23	Effect of injection timing on the performance of ceiba pendatra biodiesel powered dual fuel engine	Global Conference on Recent Advances in Sustainable Materials (GC-RASM 2021)	29-30 Jul 2021	AJIET, Mangalore
24	Effect of hydrogen flow rates on the performance of two biodiesels fuelled dual fuel engine	Global Conference on Recent Advances in Sustainable Materials (GC-RASM 2021)	29-30 Jul 2021	AJIET, Mangalore

25	Experimental investigation on the effect of gaseous fuels energy share on reactivity controlled compression ignition mode of combustion operated with gaseous fuels and liquid fuels	International Conference on Smart and Sustainable Developments in Materials, Manufacturing and Energy Engineering (SME 2021)	19-21 Nov 2021	NMAMIT, Bengaluru
26	Effect of injection timing on the performance of dual fuel engine fuelled with algae nano-biodiesel blends and biogas induction	International Conference on Recent Advances in Materials and Manufacturing (ICRAMM 2021)	19-20 Nov 2021	DYPCET, Kolhapur
27	Effect of piston and cylinder head swirl generation techniques on the performance of ceiba pentandra and nigella sativa B20 biodiesel blended diesel engine operation	International Conference on Recent Advances in Materials and Manufacturing (ICRAMM 2021)	19-20 Nov 2021	DYPCET, Kolhapur
28	Diesel engine performance fuelled with manifold injection of ethanol and water-in-diesel emulsion blends	International Conference on Recent Advances in Engineering Materials (ICRAEM 2022)	03-05 Mar 2022	AIET, Moodbidri
29	Effect of diesel engine modification operated with karanja biodiesel and its blends	Global Conference on Recent Advances in Sustainable Materials (GC-RASM 2022)	28-29 Jul 2022	AJIET, Mangalore
30	Effect of biogas flow rate on the combustion, emission and performance characteristics of dual fuel engine fuelled with ceiba pentandra biodiesel	International Conference on Advanced Technologies in Chemical, Construction and Mechanical Sciences (ICATCHCOME 2023)	09-10 Feb 2023	KPRIET, Coimbatore
31	Experimental investigation on the effect of injection timing and injection duration of low reactive fuels on RCCI mode of combustion operated with plastic pyrolysis oil	International Conference on Advanced Technologies in Chemical, Construction and Mechanical Sciences (ICATCHCOME 2023)	09-10 Feb 2023	KPRIET, Coimbatore

Book Chapters Published

Sr. No.	Title of the Chapter	Book	Publication	Page No.	Year
1	Experimental studies on RCCI engine powered with n-butanol and thevetia peruviana methyl ester	Techno-Societal 2020	Springer	97-106	2021
2	Experimental investigation on reactivity controlled compression ignition engine powered with ethanol and thevetia peruviana biodiesel	Smart Technologies for Energy, Environment and Sustainable Development 2020	Springer	695-706	2022

Google Scholar Citations

Citations	h-Index	i10-Index
335	8	7

Research Links

Sr. No.	Research Platform	Link
1	Google Scholar	http://scholar.google.co.in/citations?user=IGolZI0AAAAJ&hl=en
2	Research Gate	https://www.researchgate.net/profile/Praveen-Harari
3	ORCID	https://orcid.org/0000-0002-0250-9543
4	Vidwan	https://vidwan.inflibnet.ac.in/profile/264800
5	Scopus	https://www.scopus.com/authid/detail.uri?authorId=57218294758

Participated in Short Term Training Programs

Sr. No.	Title	Date	Organization	Sponsored Agency
1	Industry 4.0	24-28 Aug 2020	NMIT, Bangalore	AICTE
2	Design, simulation, development and characterization of composites with advanced techniques (Phase II)	16-21 Nov 2020	GIET University, Gunupur	AICTE
3	Design, simulation, development and characterization of composites with advanced techniques (Phase III)	14-19 Dec 2020	GIET University, Gunupur	AICTE

4	Additive manufacturing for medical and aerospace applications (Phase IV)	4-9 Jan 2021	SVECW, Bhimavaram	AICTE
5	Future perspective and challenges of clean energy utilization in India (Phase I)	1-6 Feb 2021	PSNACET, Dindigul	AICTE
6	Enhancing research capabilities and technical education	8-13 Feb 2021	GZSCCET-MRSPTU, Bathinda	AICTE
7	Future perspective and challenges of clean energy utilization in India (Phase II)	1-6 Mar 2021	PSNACET, Dindigul	AICTE
8	Advanced manufacturing techniques for medical and precision engineering (Phase III)	1-6 Mar 2021	MVJCE, Bangalore	AICTE
9	Future perspective and challenges of clean energy utilization in India (Phase III)	15-20 Mar 2021	PSNACET, Dindigul	AICTE
10	Automation technologies (Phase II)	5-10 Apr 2021	AKGES, Ghaziabad	AICTE
11	Technology enables for smart manufacturing using industry 4.0	12-16 Jul 2021	NMIT, Bangalore	AICTE
12	Recent trends in mechanical engineering	26 Sep – 2 Oct 2021	SBGI, Miraj	College

Participated in Faculty Development Programs

Sr. No.	Title	Date	Organization	Sponsored Agency
1	Faculty induction cum art of effective teaching	25 Jun 2016	SGOICOE, Belhe	College
2	Computer aided machining using EDGECAM software	1 Sep 2017	ADCET, Ashta	College
3	Research opportunities and challenges in manufacturing sector	1-6 Jun 2020	SVCE, Pandharpur	College
4	Recent trends in thermal engineering	9-13 Jun 2020	BITM, Ballari	College
5	Advances in machining processes	17-19 Jun 2020	PESITM, Shivamogga	College
6	Research opportunities in advanced manufacturing processes	22-28 Jun 2020	BVCE, Pune	College
7	Fracture mechanics	24-26 Jun 2020	PESITM, Shivamogga	College

8	New teaching strategies and techniques	29 Jun – 3 Jul 2020	SSMP, Vijayapur	College
9	Research in energy technologies	6-11 Jul 2020	BVCE, Pune	College
10	Applications of thermodynamics	13-17 Jul 2020	PESITM, Shivamogga	College
11	Recent trends in engineering materials, nano science and nano technology	9-13 Nov 2020	GAT, Bengaluru	College
12	Integrated waste management (Program III)	14-19 Dec 2020	AITM, Belagavi	AICTE-ISTE
13	Strategic methods and tools for product development (Phase I)	22-26 Feb 2021	SRKREC, Bhimavaram	AICTE
14	Strategic methods and tools for product development (Phase II)	22-26 Mar 2021	SRKREC, Bhimavaram	AICTE
15	Research methods in science, engineering and technology	2-6 May 2021	VOGCE, Thane	College
16	Outcome based education and NBA	8-12 May 2021	KBPCE, Satara	College
17	Recent innovations in design and manufacturing	24-29 May 2021	MREC, Hyderabad	AICTE
18	Technology advancements in mechanical engineering	8-12 Jun 2021	ALITS, Anantapur	College
19	Recent innovative developments in thermal engineering	28 Jun – 3 Jul 2021	MREC, Hyderabad	College
20	Thin-films in manufacturing	4-8 Oct 2021	MITS, Madanapalle	College
21	New age materials and technologies	4-8 Oct 2021	SVEC, Tirupati	College
22	Artificial intelligence / machine learning for mechanical engineering problems	21-26 Mar 2022	SVECW, Vishnupur	College

Participated in Guest Lecture

Sr. No.	Title	Date	Organization	Sponsored Agency
1	Overview on advancements in renewable energy – a fundamental numerical talk	27 Feb 2021	AEC, Kumbakonam	College
2	Piping and process plant engineering	29 Apr 2021	AEC, Kumbakonam	College

Participated in Orientation / Refresher Program

Sr. No.	Title	Date	Organization	Sponsored Agency
1	Thermal engineering (Phase-I)	17-23 Feb 2021	KIT, Tiptur	AICTE-ISTE
2	Thermal engineering (Phase-II)	17-23 Mar 2021	KIT, Tiptur	AICTE-ISTE
3	Small wind turbines: design, development and testing	31 Mar – 6 Apr 2021	TCER, Pune	AICTE-ISTE
4	Thermal engineering (Phase-III)	22-28 Apr 2021	KIT, Tiptur	AICTE-ISTE
5	Nanotechnology applications in mechanical engineering	10-16 Dec 2021	MJCET, Hyderabad	AICTE-ISTE

Participated in Seminars

Sr. No.	Title	Date	Organization	Sponsored Agency
1	Digital manufacturing	11 May 2017	VTU, Belagavi	University
2	Intellectual property rights (IPR), patents and technology	3 Mar 2018	SGMCOE, Mahagaon	College

Participated in Technical Events

Sr. No.	Title	Event	Date	Organization	Sponsored Agency
1	Paper presentation	Navapravartya 2K15	20 Mar 2015	SGMCOE, Mahagaon	College
2	Project competition	Avishkar 2018-19	27 Dec 2018	VYASC, Peth	SUK

Worked as Resource Person

Sr. No.	Title	Event	Date	Organization	Sponsored Agency
1	Analysis of trusses	Guest lecture	29 Aug 2018	DADSCOE, Badagaon	College
2	Expert committee member	ICETET – 2020	9-10 Apr 2020	SIEM, Nashik	IFERP

Participated in Workshops

Sr. No.	Title	Date	Organization	Sponsored Agency
1	Engineering student projects – the right way of doing it	2 Mar 2013	SCET, Belagavi	College
2	Computational fluid dynamics	7 Nov 2013	BIET, Davangere	College
3	New trends in automobile engineering	11-12 Mar 2015	SGOICOE, Belhe	SPPU

4	Solid works	16-17 Feb 2017	SGMCOE, Mahagaon	College
5	Teaching methodologies in the subject noise and vibration	22 Dec 2017	NMCE, Peth	SUK
6	Research sensitization scheme	9 Oct 2018	BVCE, Kolhapur	SUK
7	FEA using ansys	4-6 Jun 2020	BKIT, Bhalki	College
8	Research paper and report writing	15-16 Dec 2020	VVCE, Mysore	College
9	Air pollution and health hazards	31 Mar 2021	DBRANIT, Punjab	PPCB
10	NBA awareness	11-14 May 2021	AMUEC, Maharashtra	College
11	Teaching methodology in subjects of T.Y B.Tech (Mechanical) part I and part II new syllabus	27 May 2021	SGMCOE, Mahagaon	SUK
12	Sources of research grants and art of writing a research paper	3 Jun 2021	RLJIT, Doddaballapur	College
13	Research advances in science and engineering	14-18 Jun 2021	CREC, Anantapuram	College
14	Fusion 360 hands on faculty workshop	1 Jul 2021	USAM CADSOFT India Pvt. Ltd.	College

Participated in Webinars

Sr. No.	Title	Date	Organization	Sponsored Agency
1	Want to be change agent	30 May 2020	PRPPCEM, Amravati	College
2	Manufacturing in current scenario: industry 4.0	4 Jun 2020	GMIT, Davangere	College
3	Tailor made nano materials for applications in sensors, LED's and water remediation	5 Jun 2020	ACSCE, Bangalore	College
4	Climate crisis and its effect on biodiversity	5 Jun 2020	DKTE, Ichalkaranji	College
5	Advances in automotive engines	6 Jun 2020	JFET, Bangalore	College
6	Innovations in large organizations	8 Jun 2020	DPHCET, Vijayapur	College
7	Industry 4.0 – steps to crack a job in core company	8 Jun 2020	SCE, Bangalore	College
8	Simulation driven innovation for e-mobility	9 Jun 2020	KLETU, Hubli	College
9	Outcome based education software	11 Jun 2020	VMEDULIFE	Industry
10	Auto CAD – 2D basic	12-16 Jun 2020	KITCE, Kolhapur	College

11	Research tools: google scholar, zotero and publons	13 Jun 2020	DBGGC, Panipat	College
12	Creativity and design thinking in engineering	13 Jun 2020	KLECET, Belagavi	College
13	Indian automotive industry and supply chain management	14 Jun 2020	SGOICOE, Belhe	College
14	5S methodology for lean manufacturing	20 Jun 2020	LLAGT, Pune	Industry
15	How to make yoga a way	22 Jun 2020	LLAGT, Pune	Industry
16	Deep learning in machine vision system for quality control: trends and challenges	25 Jun 2020	SVCE, Pennalur	College
17	Intellectual property rights patent application and filings	25 Jun 2020	SITS, Pune	MHRD
18	Energy conversion technologies: past, present and future	27 Jun 2020	NSRIT, Visakhapatnam	College
19	Recent trends in nano technology	30 Jun 2020	JCER, Belagavi	College
20	New product design and development	1 Jul 2020	SGOICOE, Belhe	College
21	Pedagogy for teachers	2 Jul 2020	AITM, Belagavi	College
22	Convective heat transfer through extended surface	10 Jul 2020	VVCE, Mysore	College
23	Latest trend in piston technology	16 Jul 2020	TOCE, Bangalore	NIRF
24	A virtual approach of faculties in making students industry ready during pandemic of COVID-19	25 Jul 2020	JFET, Bangalore	College
25	My journey to brain	31 Oct 2020	AISSMSCE, Pune	College
26	Virtual interactive classroom for teachers and the challenging technologies in post COVID – 19	5 Jun 2020	IFERP	Industry
27	Cyber virus that took his path with corona virus – A disaster journey of malicious malware in the ASEAN countries	15 Aug 2020	IFERP	Industry
28	Latest trends in nanotechnology	10 Sep 2020	IFERP	Industry
29	Technology based teaching in class room	10 Sep 2020	IFERP	Industry
30	Recent advances in civil engineering	11 Sep 2020	IFERP	Industry
31	Scope, opportunities and challenges for E-vehicles in India	12 Sep 2020	IFERP	Industry

32	National education policy	13 Sep 2020	IFERP	Industry
33	Modeling of biomedical applications using neural networks in international short term training program held in India	16 Sep 2020	IFERP	Industry
34	Personality development and winning attitude	18 Sep 2020	IFERP	Industry
35	Cognitive radio – wireless sensor networks – applications and challenges	19 Sep 2020	IFERP	Industry
36	Biology in concrete	20 Sep 2020	IFERP	Industry
37	Composite materials – metal matrix composite	26 Sep 2020	IFERP	Industry
38	Learning path to data science	26 Sep 2020	IFERP	Industry
39	Optical wireless communication – challenges and opportunities	03 Oct 2020	IFERP	Industry
40	Computing and signal processing in IOT applications	09 Oct 2020	IFERP	Industry
41	Artificial intelligence and machine learning using python	10 Oct 2020	IFERP	Industry
42	General awareness to the educators and institutions – insights of national education policy 2020	13 Oct 2020	IFERP	Industry
43	Renewable energy system and sustainability – education, research and outreach	16 Oct 2020	IFERP	Industry
44	Recent development in nanostructured metals and alloys	25 Oct 2020	IFERP	Industry
45	Transformation of business operations using industry 4.0 technologies	31 Oct 2020	IFERP	Industry
46	Vocal for local	25 Nov 2020	AISSMSCE, Pune	College
47	2D materials for energy storage applications	22 Jun 2020	SVIT, Bengaluru	College
48	National intellectual property awareness mission	09 Aug 2022	CMRU, Bengaluru	Intellectual Property Office, India

Participated in E-Quiz

Sr. No.	Title	Date	Organization	Sponsored Agency
1	Mechanical engineering	28 May 2020	SKSVMACET, Lakshmeshwar	College
2	Awareness regarding use of Indian products in daily life	29 May 2020	DYPSET, Lohegaon	College
3	Internal combustion engine	2 Jun 2020	BCE, Shravanabelagola	College
4	World environment day	5 Jun 2020	SITCE, Yadrav	College
5	Mechanical engineering	6 Jun 2020	PIT, Hosapete	College
6	Intellectual property rights	6 Jun 2020	RU, Bangalore	College
7	NBA awareness	7 Jun 2020	BSITR, Pune	College
8	Mech zeal	8 Jun 2020	VPDPGHCET, Vijayapur	College
9	Computational fluid dynamics	10 Jun 2020	RU, Bangalore	College
10	CAED	12 Jun 2020	RU, Bangalore	College
11	Theory of machines	16 Jun 2020	SIET, Vijayapur	College
12	Accreditation and outcome based learning	17 Jun 2020	KGISLIT, Coimbatore	College
13	Flexible manufacturing system	17 Jun 2020	SMVIT, Bangalore	College
14	Thermal engineering	23 Jun 2020	SKSVMACET, Lakshmeshwar	College
15	Thermal engineering	24 Jun 2020	GSIT, Karwar	College
16	Kinematics of machines	2 Jul 2020	HIT, Nidasoshi	College
17	I.C. engines: fuels and combustion	3 Jul 2020	SDMCET, Dharwad	College
18	Mechanical engineering	4 Jul 2020	AIT, Chikkamagaluru	College
19	Essence of fluid mechanics	7 Jul 2020	GIT, Belgaum	College
20	Operations research	7 Jul 2020	PESITM, Shivamogga	College
21	Computer aided machine drawing	10 Jul 2020	PESITM, Shivamogga	College
22	Strength of materials	12 Jul 2020	JSSSTU, Mysuru	College
23	Thermodynamics	12 Jul 2020	VVCE, Mysuru	College
24	Outcome based education	26 Jul 2020	VVP, Mysuru	College

Sponsored Projects Guided

Sr. No.	Title	Date	Amount	Sponsored Agency
1	Effect of injection pressure on the performance and emission characteristics of various blends of thevetia peruviana biodiesel	28 Sep 2017	NA	IBDC, Baramati
2	Solar powered eco-friendly street cleaning machine	15 Dec 2017	NA	SSEF, Harali
3	Comparison of B20 blends of various biodiesel on compression ignition engine	6 Sep 2018	NA	IBDC, Baramati
4	Effect on nozzle hole geometry on compression ignition engine fuelled with thevetia peruviana biodiesel	19 Dec 2018	10,000/-	SUK, Kolhapur

Academic Projects

Sr. No.	Degree	Title
1	Ph.D	Experimental studies on reactivity controlled compression ignition engine operated with renewable fuels
1	M.Tech	Experimental investigation on the performance and combustion characteristics of B20 neem blend in CI engine by varying injection pressure, injection timing and nozzle hole diameter
2	B.E	Diesel engine operated with mustard biodiesel

Personal Information

Sr. No.	Information	Details
1	Name	Praveen Adappa Harari
2	Father Name	Adappa Tavanappa Harari
3	Mother Name	Shobha Adappa Harari
4	Spouse Name	Jayashri Praveen Harari
5	Daughter Name	Aarohi Praveen Harari
6	Date of Birth	9 Oct 1991
7	Nationality	Indian
8	Caste	Jain Digambar

Dr. P. A. Harari