

Faculty Profile



GAJANAN H . WASU

Personal Details

Name : Wasu Gajanan Harishchandra
 Designation : Teaching Associate (REE)
 E-mail : ghwasu@gmail.com
 Contact No. : 09822947989

Academic Qualification:

Degree	Specialization	University	Year of passing
B. Tech. (Ag. Engg.)	Agricultural Engineering	Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola	2008
M. Tech. (Ren. Energy Sources)	Renewable Energy Sources	Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola	2011
Ph. D. (Ren, Eng. Sou.)	Renewable Energy Sources	Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola	2019
Additional Qualifications (If any): Additional Degree / Diploma / NET / SET			
MS-CIT	Information Technology (MS-CIT)	Maharashtra State Board of Technical Education, Mumbai	2009 (April)
Auto-CAD (Prove, Creo software)	Design & Drawing of Agricultural Machinery Eq. etc. (CAD-3D Drawing)	Central Institute of Agricultural Engineering, Bhopal, M.P. (ICAR)	2013

Professional Experience

Stream	Years	Stream	Years
Teaching	06	Research	02
Extension	01	Administration	Nil

Area of Research / Interest

Biomass Gasification, Biogas, Solar photovoltaic, Solar thermal power and renewable sources

Research Guidance

Degree	No of student & Guided
Ph. D.	Nil

Research Accomplishments (Recent Ten Most Important Publications)

Sr. No	Title of Research Paper	Journal	ISSN / ISBN	NAAS Rating
1	Evaluation of gasifier based power generation system using different woody biomass	ARPJ. of Engg. & applied Sci.	Vol. 5, No. 11(81,87)	--
2	Energy footprint for thermo-chemical conversion of biomass to electricity	J. of Con. Sciences	ISSN 2278-8418	--
3	Economic feasibility of biomass based downdraft gasifier power generation system	IJ of Agri. Engg.	Oct 2013, 427-430	4.0
4	Bio-oil production from agricultural crop residue by pyrolysis process (Review paper)	IJPRET, 2016	Vol. 5 (2) : 734-742	4.0
5	Investigation of characterization of woody biomass fuel for gasification	Multilogic in Sci.,	ISSN 2277-7601	5.0
6	Performance evaluation of bio-oil reactor for Mustard crop residue	Int. Joun. of Agri. Sci.	ISSN 0975-3710	5.0
7	Performance evaluation of bio-oil reactor for soybean crop residue	Int. Joun. of che. studies.	ISSN 2321-4902	5.0
8	Investigation on pyrolysis reactor using soybean crop residue	Multilogic in Science,	ISSN 2277-7601	5.0

Credentials:

Particulars	Numbers	Particulars	Numbers
Research Article	08	Popular Article	05
Books/ Booklets	02 / 03	Book Chapter	02
Research / Technology Recommendation	Nil	Varieties Developed	Nil
Patents	Nil	Abstract published	15
Technical Publication	Nil		

Significant Achievements (Top Five)

Patent / Technologies /Varieties / Machineries Developed / Methodology / Recommendations	Years
Nil	--
Externally Funded Projects: Implemented / Handled /Assisted	
Nil	--

Awards /Recognitions (Top Five)

Nil	--
-----	----