3.3.1 Number of research	n papers published per teach	ner in the Journals notified	d on UGC CARE list dui	ring the last five ye	ars		
						Link to the recog	nition in UGC ei

		1		I	ı	1	
		Department of the		Calendar Year of			nition in UGC enlistment of
Title of paper	Name of the author/s	teacher	Name of journal	publication	ISSN number	Link to website	
				•		of the Journal	Is it listed in UGC Care list
Pod quality, yields							
responses and water							
productivity of okra						https://www.scie	
(Abelmoschusesculentu						ncedirect.com/jo	
s L.) as affected by plant						urnal/agricultura	
growth regulators and		Department of Tissue	Agricultural Water			I-water-	
deficit irrigation	Sunil G Dalvi	Culture	-	2022 2022	1072 2202		Vos
deficit irrigation	Sunii G Daivi	Culture	Management	2022-2023	1873-2283	management	Yes
Role of chitosan							
nanoparticles in							
combating Fusarium wilt			Journal of				
(Fusariumoxysporum f.			Phytopathology				
sp. ciceri) of chickpea			, topathology			https://onlinelibr	
under changing climatic		Department of Tissue				ary.wiley.com/jo	
conditions	Sunil G Dalvi	Culture		2022-2023	1439-0434	urnal/14390434	Yes
Studying the incidence							
and distribution of the			_, _,			https://www.the	
grape powdery mildew			The Pharma			pharmajournal.c	
disease in Maharashtra		Department of Tissue	Innovation Journal			om/	
state's primary grape-	Sunil G Dalvi	Culture		2022-2023	2349-8242		Yes
Survey for occurrence							
and distribution of						https://www.the	
downy mildew disease						pharmajournal.c	
of grape in major grape						om/	
growing areas of		Department of Tissue	The Pharma			<u>om/</u>	
Maharashtra state	Sunil G Dalvi	Culture	Innovation Journal	2022-2023	2349-8242		Yes
Bio-circular economy:							
An opportunity for							
diversification for sugar						https://link.sprin	
industries in						ger.com/journal/	
compressed biogas						<u>12355</u>	
(CBG) and organic		Department of Alcohol					
fertilizer production	Sanjay Patil	Technology & Biofuels	Sugar Tech	2022-2023	0972-1525		Yes

			I		Г	1	
Bio-circular economy:							
An opportunity for							
diversification for sugar						https://link.sprin	
industries in						<pre>ger.com/journal/</pre>	
compressed biogas						<u>12355</u>	
(CBG) and organic		Department of Alcohol					
fertilizer production	Kakasaheb Konde	Technology & Biofuels	Sugar Tech	2022-2023	0972-1525		Yes
Bio-circular economy:							
An opportunity for							
diversification for sugar						https://link.sprin	
industries in						ger.com/journal/	
compressed biogas						12355	
(CBG) and organic		Department of Alcohol					
fertilizer production	Shuvashish Behera	Technology & Biofuels	Sugar Tech	2022-2023	0972-1525		Yes
A review on							
opportunities and						https://link.sprin	
limitations of membrane			Applied			ger.com/journal/	
bioreactor configuration		Department of Alcohol	Biochemistry and			12010	
in biofuels production	Shuvashish Behera	Technology & Biofuels	Biotechnology	2022-2023	0273-2289		Yes
Passive immunization							
with equine RBD-specific							
Fab protects K18-hACE2-						https://www.fro	
mice against Alpha or		Department of				ntiersin.org/jour	
Beta variants of SARS-		Molecular Biology &				nals/immunolog	
CoV-2	Devarumath R	Genetic Engineering	Front. Immunol.	2022-2023	1664-3224	У	Yes
Advances in Crop						_	
Breeding Through		Department of				https://www.fro	
Precision Genome		Molecular Biology &				ntiersin.org/jour	
Editing. Front Genet		Genetic Engineering	Front Genet	2022-2023	1664-8021	nals/genetics	Yes
		<u> </u>					
In vitro effect of							
chitosan nanoparticles							
on wilt disease						https://www.the	
resistance of chickpea						pharmajournal.c	
by seedlings root						om/	
feeding of <i>Fusarium</i>		Department of Tissue	The Pharma				
oxysporum f. sp. Cicero.		Culture	Innovation	2022-2023	2349-8242		Yes

						https://www.fro	
Biosurfactants						ntiersin.org/jour	
Multifarious Functional			Frontiers in			nals/bioengineer	
Potential for Sustainable		Department of Tissue	Bioengineering and			ing-and-	
Agricultural Practices.	Sunil G Dalvi	Culture	Biotechnology.	2022-2023	2296-4185	<u>biotechnology</u>	Yes
Synergistic activity of						https://www.fro	
rhamnolipid						ntiersin.org/jour	
biosurfactant and						nals/bioengineer	
nanoparticles						ing-and-	
synthesized using fungal			Frontiers in			biotechnology	
origin chitosan against		Department of Tissue	Bioengineering and			biotechnology	
phytopathogens	Sunil G Dalvi	Culture	Biotechnology	2022-2023	2296-4185		Yes
β-glucan and its							
nanocomposites in						https://link.sprin	
sustainable agriculture						ger.com/journal/	
and environment: An			Environmental			<u>11356</u>	
overview of mechanisms		Department of Tissue	Science and				
and applications	Sunil G Dalvi	Culture	Pollution Research	2022-2023	0944-1344		Yes
Chitosan and its							
derivatives: Promising						https://onlinelibr	
biomaterial in averting							
fungal diseases of						ary.wiley.com/jo	
sugarcane and other		Department of Tissue	Journal of Basic			urnal/15214028	
crops	Sunil G Dalvi	Culture	Microbiology	2021-2022	1521-4028		Yes
Radiation induced							
mutagenesis, physio-						https://www.tan	
biochemical profiling						dfonline.com/jou	
and field evaluation of		Department of				rnals/irab20	
mutants in sugarcane cv.		Molecular Biology &	International Journal			mais/mabzu	
CoM 0265	Devarumath Rachayya M.	Genetic Engineering	of Radiation Biology	2021-2022	0955-3002		Yes
Electron Beam							
Irradiated Chitosan							
elicits enhanced						https://www.tan	
antioxidant properties						dfonline.com/jou	
combating resistance to						rnals/irab20	
Purple Blotch Disease							
(Alternaria porri) in		Department of Tissue	International Journal				
Onion (Allium cepa).	Sunil G Dalvi	Culture	of Radiation Biology	2021-2022	0955-3002		Yes

Life cycle and economic							
assessment of						https://www.scie	
sugarcane bagasse						ncedirect.com/jo	
valorization to lactic						urnal/waste-	
acid		Department of Alcohol					
aciu	Kalaaahah Kasaha		Masta Managanant	2024 2022	4070 2456	management	V
Life avale and companie	Kakasaheb Konde	Technology & Biofuels	Waste Management	2021-2022	1879-2456		Yes
Life cycle and economic						https://www.scie	
assessment of						ncedirect.com/jo	
sugarcane bagasse						urnal/waste-	
valorization to lactic		Department of Alcohol				management	
acid	Sanjay Patil	Technology & Biofuels	Waste Management	2021-2022	1879-2456	management	Yes
Isolation and HPLC							
assisted quantification							
of two iridoid glycoside							
compounds and							
molecular DNA						https://link.sprin	
fingerprinting in						ger.com/journal/	
critically endangered						<u>12298</u>	
medicinal <i>Picrorhiza</i>							
kurroa Royle ex Benth:		Department of					
implications for		Molecular Biology &	Physiol Mol Biol				
conservation	Devarumath Rachayya M.	Genetic Engineering	Plants	2021-2022	0971-5894		Yes
γ-Irradiated chitosan							
mediates enhanced						https://pubs.acs.	
synthesis and						org/toc/acsodf/8	
antimicrobial properties						<u>/49</u>	
of chitosan–silver (Ag)		Department of Tissue					
nanocomposites	Sunil G Dalvi	Culture	ACS omega	2021-2022	2740-1343		Yes
EMS-Based In							
Vitro Mutagenesis and							
Mutant Screening for						https://link.sprin	
Smut Resistance with			Sugar Tech			ger.com/journal/	
Agronomic Traits in		Department of Tissue				<u>12355</u>	
Sugarcane	Sunil G Dalvi	Culture		2020-2021	0972-1525		Yes
					23.2 2323		·
Assessment of multiple							
pretreatment strategies							
for 2G L-lactic acid						https://link.sprin	
production from		Department of Alcohol	Biomass Conversion			ger.com/journal/	
sugarcane bagasse	Shuvashish Behera	Technology & Biofuels	and Biorefinery	2020-2021	2190-6815	13399	Yes
Jugar carre Sugasse	STIG V GOTTION DCTICTG	L. Commonogy & Dioracis	aa bioreilliery	2020 2021			100

Assessment of multiple							
pretreatment strategies							
for 2G L-lactic acid						https://link.sprin	
production from		Department of Alcohol	Biomass Conversion			ger.com/journal/	
sugarcane bagasse	Kakasaheb Konde	Technology & Biofuels	and Biorefinery	2020-2021	2190-6815	13399	Yes
			,				
Assessment of multiple							
pretreatment strategies							
for 2G L-lactic acid						https://link.sprin	
production from		Department of Alcohol	Biomass Conversion			ger.com/journal/	
sugarcane bagasse	Sanjay Patil	Technology & Biofuels	and Biorefinery	2020-2021	2190-6815	<u>13399</u>	Yes
Evaluation of alternative							
strategies for generating							
fermentable sugars from						https://www.scie	
high-solids alkali						ncedirect.com/jo	
pretreated sugarcane						urnal/renewable-	
bagasse and successive						<u>energy</u>	
valorization to L (+)		Department of Alcohol					
lactic acid Evaluation of alternative	Kakasaheb Konde	Technology & Biofuels	Renewable Energy	2020-2021	0960-1481		Yes
strategies for generating							
fermentable sugars from							
high-solids alkali						https://www.scie	
pretreated sugarcane						ncedirect.com/jo	
bagasse and successive						urnal/renewable-	
valorization to L (+)		Department of Alcohol				energy	
, ,	Sanjay Patil	Technology & Biofuels	Renewable Energy	2020-2021	0960-1481		Yes
Biomethanation of high	Sanjay r atn	reciniology & bioracis	Meriewabie Eriergy	2020 2021	0500 1401		163
solid containing						http://www.envi	
distillery spentwash						robiotechjournal	
using developed						s.com/journal d	
acclimatized microbial		Department of Alcohol				etails.php?jid=4	
	Raghunath Burase	Technology & Biofuels	Pollution Research	2020-2021	0257-8050		Yes
Biomethanation of high	.0	2 207 21 2 0010					
solid containing						http://www.envi	
distillery spentwash						robiotechjournal	
using developed						s.com/journal d	
acclimatized microbial		Department of Alcohol				etails.php?jid=4	
consortia	Sanjay Patil	Technology & Biofuels	Pollution Research	2020-2021	0257-8050		Yes

	T	T		1	T	1	
Sugarcane Bagasse based biorefineries in India: potential and challenges		Department of Alcohol Technology & Biofuels	Sustainable Energy & Fuels	2020-2021	2398-4902	https://pubs.rsc. org/en/journals/j ournalissues/se# !recentarticles	Yes
Sugarcane Bagasse based biorefineries in India: potential and challenges		Department of Alcohol Technology & Biofuels	Sustainable Energy & Fuels	2020-2021	2398-4902	https://pubs.rsc. org/en/journals/j ournalissues/se# !recentarticles	Yes
Transcriptional reprogramming and enhanced photosynthesis drive inducible salt tolerance in sugarcane mutant M4209	Devarumath Rachayya M.	Department of Molecular Biology & Genetic Engineering	Journal of Experimental Botany	2020-2021	1477-9145	https://academic .oup.com/jxb	Yes
Rapid Profiling for Sugar Estimation in Sugarcane by Using HPLC-RI and Genetic Evaluation by Using RAPD Molecular Markers	Devarumath RM	Department of Molecular Biology & Genetic Engineering	Indian Journal of Biotechnology and Pharmaceutical Research	2020-2021	2347-3266	https://ijbpr.in/	Yes
Effect of enzymatic hydrolysis on structural, chemical and elemental properties of sweet potato root flour	Shuvashish Behera	Department of Alcohol Technology & Biofuels	Waste and Biomass Valorization	2019-2020	1877-2641	https://link.springer.com/journal/12649	Yes
Genetic variation and survival of <i>Erysiphe</i> necator in tropical India	Devarumath RM	Department of Molecular Biology & Genetic Engineering	Tropical Plant Pathology	2019-2020	1982-5676	https://link.sprin ger.com/journal/ 40858	Yes

	T	T	1	Ī		1	
Camana nadiation							
Gamma radiation degradation of chitosan						https://www.scie	
for application in growth						ncedirect.com/jo	
promotion and						urnal/carbohydr	
induction of stress						ate-polymers	
		Department of Tiesus	Combobuduoto				
tolerance in potato	Curril C Dalui	Department of Tissue	Carbohydrate	2010 2020	0144 0017		Vaa
(Solanum tuberosum L.) Isolation and	Sunii G Daivi	Culture	Polymers	2019-2020	0144-8617		Yes
identification of three							
						1.00	
new mycroparasites of						https://link.sprin	
Erysiphe necator for		Danasta at af				ger.com/journal/	
biological control of		Department of	Australasian Dlant			<u>13313</u>	
grapevine powdery		Molecular Biology &	Australasian Plant	2040 2020	4440 6022		v
mildew	Devarumath RM	Genetic Engineering	Pathology	2019-2020	1448-6032		Yes
Isolation of Thiobacillus							
Species from Distillery			latanatianal launal				
Spentwash and Its		D =	International Journal			lather as I I amount the la	
Sulfide Oxidation		Department of Alcohol	of Pharmacy and	2040 2040	2220 7605	https://www.ijpb	v
Activity	Raghunath Burase	Technology & Biofuels	Biological Sciences	2018-2019	2230-7605	s.com/	Yes
Isolation of Thiobacillus							
Species from Distillery							
Spentwash and Its			International Journal				
Sulfide Oxidation		Department of Alcohol	of Pharmacy and			https://www.ijpb	
	Sanjay Patil	Technology & Biofuels	Biological Sciences	2018-2019	2230-7605	s.com/	Yes
Detection of resistance	221.307 1 0011	22.26, 5.2.0.000	2.1-6.1200.0000				
to demethylation							
inhibitor fungicides in						https://link.sprin	
Erysiphe necator from						ger.com/journal/	
tropical India by		Department of				42360	
biological and molecular		Molecular Biology &	Indian				
assays	Devarumath RM	Genetic Engineering	Phytopathology	2018-2019	2248-9800		Yes
		1	1 1		0 0000	1	

Annuary and the cuttle				1			1
Assessment the utility of							
TRAP and EST-SSR						https://link.sprin	
markers for genetic		Department of				ger.com/journal/	
diversity analysis of		Molecular Biology &	Cytology and			<u>11956</u>	
sugarcane genotypes.	Devarumath RM	Genetic Engineering	Genetics	2018-2019	0095-4527		Yes
Detection of G143A							
mutation in <i>Erysiphe</i>							
necator and its						https://journal.ia	
implications for		Department of	Indian J. Horticulture			hs.org.in/index.p	
powdery mildew		Molecular Biology &				hp/ijh/issue/vie	
management in grapes	Devarumath RM	Genetic Engineering		2018-2019	0972-8538	w/13	Yes
management in grapes	Devaramati Nivi	Genetic Engineering		2010 2013	0372 0330	<u>w/15</u>	103
Assessment of genetic							
diversity among							
, -						https://gsconline	
different sugarcane						press.com/journ	
genotypes using internal						als/gscbps/	
transcribed spacer (ITS)		Department of	GSC Biological and			<u> </u>	
region of the ribosomal		Molecular Biology &	pharmaceutical				
DNA (rDNA)	Devarumath RM	Genetic Engineering	Sciences	2018-2019	2581-3250		Yes
Molecular							
characterization of							
sugarcane genotypes for							
their salinity and		Department of					
susceptibility using TRAP		Molecular Biology &	International Journal			https://journalcr	
markers	Devarumath RM	Genetic Engineering	of Current Research	2018-2019	0975-833X	a.com/	Yes
markers	Devaramati (iii)	Genetic Engineering	or carrent nescaren	2010 2013	0373 0337	<u>u.com</u>	1.03
Plant regeneration from							
direct and indirect							
organogenesis and							
			B				
assessment of genetic			Bioscience				
fidelity in Saccharum		Department of	Biotechnology				
officinarum L. using DNA-		Molecular Biology &	Research				
based markers	Devarumath RM	Genetic Engineering	Communications	2018-2019	2321-4007	https://bbrc.in/	Yes
		1					
		Zamer					
	WIDADA SUG	5/101/8					
	SANTDADA SUGRA	Principal					
	E 2051	Vasantdada Sugar Instit	ute				
	मंश्येषके संवृद्धिः	Manjari (Bk.), Tal. Haveli					
	12	Manjan (Dr.), Tai. Haven	7				

35 * 3MIL	Dist. Pune - 412 307		