



Karnatak University's,
KARNATAK SCIENCE COLLEGE, DHARWAD

NAAC Accredited

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Research Activities 2018-19

Research Funds sanctioned and received from various funding agencies, industry and other organizations

Nature of Project	Sanctioned Duration	Name of the Funding Agency	Total Grant Sanctioned
Major	2016-20	SERB, New Delhi	INR 41,92,144
Major	2018-21	SERB, New Delhi	INR 23,10,000
Minor	2018	VGST, B'lore	INR 5,00,000

Research Publications

Departments	International	National	Avg. Imp. Fact. (If Any)
Botany	7	2	2.77
Chemistry	22	2	2.109
Geography	3	1	
Geology	3	4	
Physics	16	1	2.21
Zoology		8	

Faculty participation in Seminars/Conferences and Symposia during the year

No of Faculty	International	National
		5
Attended/Seminars/Workshops		
		12
Presented Paper	1	
Resource Person	1	

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Sl.No	Title of the Paper	Name of Author	Title of journa	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
1	Growth of the hepatitis literature over the period 1976–2015: What can the relative priority index teach us?	Patil C. G.	Scientometrics	2018	10	15	Springer International Publishing
2	Electrochemical Behavior of an Anti-Viral Drug Valacyclovir at Carbon Paste Electrode and Its Analytical Application	Tuwar S. M.	Russian Journal of Electrochemistry	2018	13	4	Pleiades Publishing
3	Photophysical and computational studies on optoelectronically active thiophene substituted 1,3,4-oxadiazole derivatives	Malimath G. H.	Journal of Photochemistry Photobiology A: Chemistry	2018	9	8	Elsevier International Publishing
4	Multistage thermal decomposition in films of cadmium chloride-doped PVA–PVP polymeric blend	Blaise Lobo	Journal of Thermal Analysis and Calorimetry	2018	10	11	Springer International Publishing
5	Influence of Syzygium cumini leaves extract on morphological, thermal, mechanical, and antimicrobial properties of PVA and PVA/chitosan blend films	Masti S. P.	Journal of Applied Polymer Science	2018	13	27	Wiley

6	Click Chemistry Inspired Design, Synthesis and Molecular Docking Studies of Coumarin, Quinolinone Linked 1, 2, 3-Triazoles as Promising Anti-Microbial Agents	Rajesh Kalkhambkar	Chemistry Select	2018	16	14	European Chemical Society
7	Effect of Amino Anilines on the florescence of Coumarin Derivatives	Nirupama J M	Journal of Luminescence	2018	3	4	Elsevier International Publishing
8	Design, Synthesis, Antibiofilm, Quorum Sensing inhibition, Anticancer and Docking Studies of Novel 2-(4-acridine-9-ylamino)isoindoline-1,3-dione	K. S. Katagi	Journal of Chemical Data Collection	2019	3	1	Elsevier International Publishing
9	Synthesis and preliminary evaluation of benzofuran-oxadiazole conjugates as potential antitubercular agents	O Kotresh	Asian J Chem	2019	34	2	Asian Publication Corporation
10	Floristic Assessment of Panchlingeshwar Sacred Grove, Nandikurali, Raibag, Belagavi, Karnataka.	K. Kotresha	<i>Indian Forester</i>	2018	13	0	Indian Forester

3.2.2 Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year 2019-20

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Effect of ZnO Nanoparticles on the seed Germination and Seedling growth of <i>Phaseolus unguiculatus</i> (L.) Walp. and <i>Aconitifolius Jacq.</i>	Smt. Chaitra Pandhari	ICABT (2019)	24 TH TO 26 TH DEC. 2019	International conference
Young Scientist Award for Oral presentation.	Arjun G Kalkhambkar	Srinivasa University, Mangalore	18 th & 19 th , Oct-2019	International conference
	<u>Dr. Rajappa S. K.</u>			
Young Scientist Award for Oral presentation.	Arjun G Kalkhambkar	Srinivasa University, Mangalore	18 th & 19 th , Oct-2019	International conference
	<u>Dr. Rajappa S. K.</u>			
<i>Best Teacher Award “Rasayana Shikshaka Ratna:2019-20”</i>	Dr. S. M. Tuwar	<i>M.M. Arts and Science College, Sirsi</i>	08-02-2020	Chem-Forum:2019-20
Young Scientist Award for Oral presentation.	Mr. Rathod	Srinivasa University, Mangalore	18 th & 19 th , Oct-2019	International conference