

**UGC sponsored research projects (ongoing):11**

The details of the ongoing research projects: **Minor-10, Major-01**

	<b>Year</b>	<b>Number</b>	<b>Name of Faculty/ Department/ Name of the project</b>	<b>Name of the funding agency/ industry</b>	<b>Total grant sanctioned</b>
<b>A. College funded (Seed Money)</b>					
Minor projects	--	--		College Budget	Rs. 42,000/-.
				College alumni association	Rs. 1,50,000/-
<b>B. National and international agencies</b>					
Minor projects	2016	06	<b>Dr. A. B. Sonappanavar</b> <b>Dept. of Botany</b> In vitro propagation & pharmacognostical studies of Vallaris solanacea-O. Kuntze & Hybanthus ennaespermus-(L) F. Muell.- Potent anticancerous plants	UGC	Rs. 1,03,500/-
			<b>Dr. Praveen N. Naik</b> <b>Dept. of Chemistry</b> Studies on the non-covalent interactions of bioactive drugs with serum albumins using multi spectroscopy		Rs. 3,22,150/-

			<p><b>Dr. T. M. Gireesh</b>  <b>Dept. of Chemistry</b>  Application of novel ferrous nanoparticle “Graphene hybrids” in reduction reactions</p>		Rs. 3,25,000/-
			<p><b>Shri. Bhushan B. Kulkarni</b>  <b>Dept. of Biotechnology</b>  Molecular Biomarkers in Squamous Cell Carcinoma of Head and Neck Cancer in Karnataka</p>		Rs. 67,500/-
			<p><b>Dr. N. M. Mahabaleshwari</b>  <b>Dept. of Chemistry</b>  Synthesis, characterisation and biological evaluations of coumarin derivatives</p>		
			<p><b>Smt. S. A. Halemani</b>  <b>Dept. of Computer Science</b>  Automated Bacterial Cell Image analysis</p>		Rs. 1,02,500/-
	2015	03	<p><b>Shri. M. S. Sethsanadi</b>  <b>Dept. of Electronics</b>  Implementation of FFT on frequency domain filtering on images using matlab</p>	UGC	Rs. 3,12,500/-

			<b>Dr. Satisha M. P.</b> <b>Dept. of Chemistry</b> Design and synthesis of mono/bi-nuclear transition metal complexes: A search for potent electro-catalysts for the reduction of CO <sub>2</sub>		Rs. 3,87,500/-
			<b>Dr. Mahantesha Basavangouda</b> <b>Dept. of Chemistry</b> Synthesis, characterisation and biological evaluation of methylene bridged benzofuranyl heterocycles		Rs. 3,40,000/-
	2014	01	<b>Shri. S. P. Ghorpade</b> <b>Dept. of Physics</b> Design, Luminiscence and Raman studies of some nanophosphors	UGC	Rs. 1,35,000/-
Major projects	2009	01	<b>Dr. S. V. Hiremath</b> <b>Dept. of Biotechnology</b> Promotion of Ethics & Human values	UGC	Rs.10,00,000/- -

## Completed research projects

	<b>Year</b>	<b>Number</b>	<b>Name of the Faculty/Department/ Name of the project</b>	<b>Name of the funding agency/ industry</b>	<b>Total grant sanctioned/ Utilized</b>
Minor projects	2014-2016	01	<b>Miss. Smita Patil</b> <b>Dept. of Physics</b> Structural Dependent electrical and magnetic properties of NIO.5XCUXCOO.5FE2O4 + BA0.7 SR0.3TTIO3 composites	UGC	Rs. 77,500/- Rs. 77,604/-
	2013-2016	03	<b>Smt. Geetanjali R. Kamble</b> <b>Dept. of Microbiology</b> Isolation and characterisation of thermostable alkaline protease isolates from soil and optimization of media	UGC	Rs. 1,10,000/- Rs. 1,16,348/-
			<b>Shri Vishal U Kalebar</b> <b>Dept of Biotechnology</b> Biochemical estimation of serum prostate specific antigen (PSA) as biomarker in breast cancer patients of north Karnataka population		Rs.1,10,000/- Rs. 1,10,023/-

			<b>Shri. P. R. Jeeragal</b> <b>Dept. of Physics</b> Dipole moment studies by experimental and computational methods		Rs. 1,00,000/- Rs. 1,00,209/-
2012- 2016	02		<b>Shri V. P. Gaonkar</b> <b>Dept. of Chemistry</b> Oxidative transformation studies of fluoro quinoline antibacterial agent by alkaline permanganate: A mechanistic approach	UGC	Rs. 1,60,000/- Rs. 1,25,122/-
			<b>Shri. Rajeev potadar</b> <b>Dept. of Microbiology</b> High risk human papilloma virus genotyping in oral squamous cell carcinoma patients and normal population		Rs. 1,59,000/- Rs. 1,73,727/-
2012- 2015	01		<b>Smt. Chelli Phebe P.</b> <b>Dept. of Microbiology</b> Homocysteine oxidative stress and antioxidant status in cardiovascular disease in north Karnataka population	UGC	Rs. 1,41,000/- Rs. 1,43,785/-
2012- 2014	02		<b>Shri. R. P.</b> <b>Mudenumrath</b> <b>Dept. of Electronics</b> Design and implementation of FIR band pass and band stop	UGC	Rs. 1,25,000/- Rs. 80,250/-

			filters using window technique		
			<b>Smt. Shyama V. S.</b> <b>Dept. of Biotechnology</b> Molecular Studies on Prevalence of Brucellosis in North Karnataka Population Using PCR Method	UGC	Rs. 95,000/- Rs. 95,124/-
2011-2016	02		<b>Dr. S. B. Koujalagi</b> <b>Dept. of Chemistry</b> Isolation of oleoresin from Kundgol & Byadagi Chillies	UGC	Rs. 2,00,000/- Rs. 1,60,000/-
			<b>Dr. R. S. Totagi</b> <b>Dept. of Chemistry</b> Synthesis of some novel nanoparticles by chemical methods & their characterisation	UGC	Rs. 1,70,000/-
2011-2014	03		<b>Shri L. C. Kulkarni</b> <b>Dept. of Botany</b> The survey of ethno medicinal plants of the hills of Belgaum, Bagalkot & Gadag district	UGC	<b>Rs. 95,000/-</b> <b>Rs. 95,000/-</b>
			<b>Smt. Sudha S. Patil</b> <b>Dept. of Zoology</b> A study on development of gonads in fresh water fish Oreochromis Mossambicus	UGC	Rs. 87,500/- <b>Rs. 91,093/-</b>
			A study on		Rs. 87,500/-

			bioaccumulation of heavy metals in fresh water fish Cirrihnus Mrigala		
	2009-2014	01	<b>Dr. C. S. Hiremath</b> <b>Dept. of Physics</b> Conformational stability of some inorganic/organic compounds: experimental vibrational spectroscopic studies, electronic structure calculations, NBO analysis and thermodynamic properties	UGC	Rs. 45,500/- Rs. 45,503/-
	2011-2014	01	<b>Prof. R. V. Pattanashetti</b> <b>Dept. of Mathematics</b> On some recent advanced topics in general topological spaces	UGC	Rs. 1,15,000/- Rs. 1,41,724/-
	2011-2013	01	<b>Dr. Smt. Annapurna m. Jalawadi</b> <b>Dept. of Kannada</b> Interdisciplinary study of Plant science in Kannada Literature	UGC	Rs. 69,700/- Rs. 73,000/-
Major projects	2005-2013	02	<b>1) Dr. S. V. Hiremath</b> <b>Dept. of Biotechnology</b> Molecular studies on env gene of mouse mammary tumor virus in human	UGC	1)Rs.13,89,781/- Rs. 13,89,781/-

			breast cancer in India <b>2) Dr. Basavaraj S. Agadi</b> <b>Dept. of Botany</b> Genotyping of Human Papiloma Virus in Karnataka Population		2)Rs.11,06,453/- <b>Rs. 10,83,693/-</b>
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