

## Internal Funding Projects

Sr. No.	Project Title	Year	Principal Investigator	Outlay (Rs. in Lakhs)
1.	“In vitro Biocompatibility Study of Gold Nanoparticle Colloid Solution based Nanomedicine in Treatment of Breast Carcinoma Cell Lines”	2012	Dr. Mrs.M.A.Burande (Pharmacology)	4.5
2.	Comparative Study of In Vivo and Invitro Methods for Diagnosis of Latent Tuberculosis”	2012	Dr.S.J.Ghosh (Microbiology)	4.75
3.	“Retinopathy of Prematurity (ROP) Screening at D.Y.Patil Hospital & Medical Research Institute, Kolhapur”	2012	Dr.M.M.Sabnis (Ophthalmology)	4.82
4.	“A Study of Peripheral Neuropathy in Type-2 Diabetes”	2012	Dr.R.J.Khyalappa (Medicine)	4.99
5.	“An anatomical study of Upper and lower spinal cord blood supply: The continuity of the anterior spinal artery and the origin of the arteria radiocularis magna”	2012	Dr.Mrs.V.R.Nikam (Anatomy)	4.5
6.	“Comparative Study of Puva and Narrow Band UVB (NBUVB) in Palmoplantar Psoriasis”	2012	Dr. Yoganand Phulari (Skin & VD)	4.55
7.	“Studies on Development and Performance of Slica Nanocomposite Based Cholesterol Nanobiosensor”	2012	Dr. B. M. Tiwale (Biochemistry)	4.4
8.	“Evaluation of Fetal Nuchal Translucency in Diagnosis of Trisomy”	2012	Dr. Ajit N. Patil (Obg. & Gyn.)	2.4
9.	“Prediction of oesophageal varices in patients of chronic liver disease using clinical, ultrasound and color Doppler parameters.”	2012	Dr. Nitin Wadhvani, (Radiology)	12.3
10.	“To study deaf-mutism and various method of rehabilitation in children in Kolhapur District.”	2012	Dr. Mrs. R.S.Mane, (ENT)	13.1
11.	“Assessing the foot at risk and reducing the incidence of amputation in diabetic patients.”	2012	Dr.Mrs.V.V.Gaikwad, (Surgery)	25.24
12.	“An Interventional study of implementing Advocacy-communication and social mobilization (ACSM) activities for TB control in powerloom workers of Ichalkaranji to assess improvement in	2015	PI-Dr. Snehdeep S. Patil Co-PI-Dr. Anjali Wagh, Dr. T.A. More	2.75

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	TB-related knowledge, attitudes, stigma and health seeking practices.”			
13.	“To assess the effectiveness of innovative Special Nutrition Mix given to the children attending Anganwadis in Kasaba Bawada.”	2015	PI-Dr. Anjali V. Wagh CO-PI-Dr. Jagirdar P.B. Dr. Yadav J. U.	6.0
14.	“Baseline survey of a village under Sansad Adarsh_Gram Yojana (SAGY)”	2015	PI-Dr.Vijayakumar S. Patil, CO PI-Dr. Snehdeep Patil, Dr. More Tulsidas A.	6.5
15.	“Microarray profiling of human endometrium biopsies: identifying stem cells/angiogenic regime in dysfunctional uterine bleeding”.	2015	PI-Dr. Indumathi Somasundaram	2.2
16.	“To study the antibiotic resistance in the organisms isolated from the clinical samples”	2015	PI-Dr. Vatkar Vishwashanti S. Co PI-Dr. Ms. S. J. Ghosh,Dr. Penkar R. S.	3.25
17.	“Study of human Microbiology and their role in malignancy and other disease.”	2015	PI-Dr. Ms. S. J. Ghosh Co PI-Dr. Mrs. V .S. Vatkar, Dr. Shilpa Singh	1.5
18.	“Development and charactererization of polymeric nanoparticle based budesonide dry powder for bronchial asthma”	2015	PI-Dr. Kulkarni Suhas	3.9
19.	To study efficacy of Q-switched lasers in tattoo-removal & other pigments skin conditions”	2015	PI-Dr. Shashikant B. Dhumale	5.0
20.	“ Haptoglobin levels and Phenotype in Type 2 Diabetes and Association of Haptoglobin levels with diabetic Cardiovascular Complications”	2016	P.I.-Dr. Mrs. Shimpa Sharma, Professor, Dept of Medicine	5.0
21.	“Wound Healing Efficacy of Bone Marrow-derived Mesenchymal Stem Cells and Platelet Rich plasma in Diabetic Rats”	2016	P. I. -Dr. Mrs. Meeta A. Burande, Prof. & Head, Dept. of Pharmacology	6.6
22.	“Anti-angiogenic ability of itraconazole and similar drugs and their reversal using endometrial stem cells using chick embryo as a model system: its applications in treating vascular diseases”	2016	P. I. -Dr. R. K. Sharma, Research Director	5.7

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23.	“Study the surface engineered lipid Nanoparticles for site specific delivery to overcome cancer drug resistance mechanism” (2016)	2016	Dr. Arvind Gulbake, Asst. Professor, R. & D.	6.95
24.	“Multimodal Superparamagnetic Cobalt Zinc Ferrite Nanoparticles for Magnetic Hyperthermia Based Theranostic for Cancer”	2016	Dr. R. A. Bohara, Asst. Professor, RICH Cell	4.9
25.	Palmar Arch Anatomy in Soft Embalmed Cadavers.	2018	Dr. Mrs. Anita R. Gune Anatomy	8.63
26.	Morphology of Lumbricals and its Mode of Innervation in Soft Embalmed Cadavers.	2018	Dr. Arun Karmalkar Anatomy	8
27.	Effect of Yoga Practice on blood glucose level in newly detected diabetic adults.	2018	Dr. Sudhir P. Sase Biochemistry	8.10
28.	Effect of HAART on Hematological Profile and Oxidative Stress in HIV Naive patient.	2018	Dr. Sunita Patil Pharmacology	1.77
29.	Predictive and Prognostic Factor in Breast Cancer and their Association with ER PR HER2/neu Expression.	2018	Dr. Mrs. S. S. More Pathology	1.20
30.	Study of Biofilm and the antibiotic resistance pattern in gram negative bacilli isolated from clinical samples.	2018	Dr. Mrs. V. S. Vatkar Microbiology	2.73
31.	Study of mobile phone addiction and self-reported symptoms among college students of Kolhapur: A Community Based Study.	2018	Dr. Jeevan Yadav Community Medicine	2.45
32.	Study to Evaluate the Efficacy of Human Fibroblast Growth Factor in Regeneration of Tympanic Membrane Perforations.	2018	Dr. Mrs. Anjana Mohite ENT	6.66
33.	To study the prevalence of diabetic otopathy.	2018	Dr. Mrs. Rajashri Mane ENT	9.0
34.	Transition metal oxide based electrodes for ultrahigh energy (60 Whkg <sup>-1</sup> ) targeted asymmetric supercapacitor.	2018	Prof. C. D. Lokhande CIR	8.10
35.	Synthesis of nickel-cobalt phosphate thin films as an electrocatalyst for non-enzymatic glucose sensing.	2018	Dr. Umakant Patil CIR	8.40

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36.	Enabling library of layered double hydroxide $[M^{2+}_{1-x}M^{3+}_x(OH)_2]^{x+}[A^{n-x/n}]^{x-} \cdot mH_2O$ ( $M^{2+}$ : Ni, Ca, Mg, Zn, $M^{3+}$ : Cr/Fe) based hybrids for supercapacitor and Bio-Medical Applications.	2018	Dr. Jayavant Gunjekar CIR	8.10
37.	Appraisal of characteristics of Lanthanum Oxides for Applications in bio-sensing capabilities.	2018	Dr. Mrs. Padmaja Pawaskar CIR	8.10
38.	Generation of Tissue Engineered functional Kidney.	2018	Dr. Meganadh Joshi CIR	9.67
39.	Synthesis and characterization of silicon, nanographite, GO and rGO as an anode material for lithium ion batteries.	2018	Dr. Manisha Phadtare CIR	9.99
40.	Studying the effect of CD146 and its isoforms in endometrial stem cell derived angiogenesis for their vascular regeneration.	2018	Dr. Indumathi Somasundaram CIR	10
41.	Identification of molecular targets of bioactive molecules in <i>Candida albicans</i> to inhibit Biofilm formation.	2019	Dr. Ashwini Jadhav CIR	9.75
42.	Effect of yoga practices on menstrual irregularities represented in terms of RBC count, Haemoglobin levels and Reaction time.	2019	Dr. Amruta Kumbhar Physiology	52,000
43.	Binge watching behaviour a in undergraduate students: A pilot study.	2019	Dr. Devavrat Harshe Psychiatry	30,000
44.	Comparitive Study Between Stapled And Open Hemorrhoidectomy.	2019	Dr. Sheetal Murchite Surgery	3.0
45.	Comparative Study of Bilateral Versus Alternate Sided Nasal Pack Removal After Septoplasty.	2019	Dr. Ganesh Tarlekar ENT	6.67
			<b>Total Amount</b>	<b>276.94 Lakhs</b>