



# Sri Devaraj Urs Academy of Higher Education and Research

## Comprising Sri Devaraj Urs Medical College

A DEEMED TO BE UNIVERSITY

## Research and Development Cell

Declared under Section 3 of UGC Act, 1956, MHRD GOI No.F.9-36/2006-U.3 (A) Dt. 25<sup>th</sup> May 2007

### Projects report -2020-21

Sl. No	Project No.	Project Title	Principal Investigators Name & Department	Year Started	Current Status	Grant sanctioned amount	Utilized amount
1.	SDUAHER/ Res. Proj/ 171/2020-21	Vitamin A and Zinc-Enriched Nutrient Supplementation for Recovery Enhancement in patients with Tuberculosis (VZ-ENSURE): A Quasi Experimental Study.	<b>Dr. Prasanna Kamath</b> Professor & HoD Department of Community Medicine, SDUMC	2020-21	Ongoing	189000	NIL
2.	SDUAHER/ Res. Proj/ 172/2020-21	Prevalence of anaemia in adolescents attending Government run schools around Kolar	<b>Mr. Ravishankar S</b> Assistant Professor Dept. of Community Medicine SDUMC	2020-21	Ongoing	625187	326000
3.	SDUAHER/ Res. Proj/ 173/2020-21	Does Vitamin D3 supplementation improve the Depression scores among rural adolescents? A randomized control trial.	<b>Dr. T.S Pradeep</b> Assistant Professor Dept. of Community Medicine	2020-21	Ongoing	612184	558184

4.	SDUAHER/ Res. Proj/ 174/2020-21	Evaluation of Midregional proadrenomedullin as a diagnostic and prognostic marker of neonatal sepsis.	<b>Dr. Shivaraja A</b> Assistant Professor Department of Peaditrics SDUMC	2020-21	Ongoing	411000	234079
5.	SDUAHER/ Res. Proj/ 175/2020-21	Comparison of nutritional approaches of Ayurveda and modern nutrition with the biochemical parameters of young women with polycystic ovarian syndrome.	<b>Dr. Madhavi Reddy</b> Professor & HoD Department of Clinical Nutrition and Dietetic, AH & BS SDUAHER	2020-21	Ongoing	985520	24308
6.	SDUAHER/ Res. Proj/ 176/2020-21	A randomised controlled study comparing the efficacy of video - laryngoscope versus direct laryngoscope with Macintosh blade in patients undergoing general anesthesia.	<b>Dr. Sindhu J</b> Assistant Professor Dept. of Anaesthesia, SDUMC	2020-21	Completed	80000	53760
7.	SDUAHER/ Res. Proj/ 177/2020-21	Study of magnitude and associated factors of Missed opportunities for vaccination among children aged 0-24 months in Kolar: a mixed methods study.	<b>Dr. Vishwas S</b> Asst. Professor Dept. of Community Medicine SDUMC	2020-21	Ongoing	198000	16980
8.	SDUAHER/ Res. Proj/ 178/2020-21	Herpes simplex virus Encephalitis detection by PCR and Serology in RL Jalappa Hospital, constituent of Sri Devaraj Urs Medical College, a unit of SDUAHER, Kolar.	<b>Dr. Namitha BN</b> Assistant Professor Dept. of Microbiology SDUMC	2020-21	Ongoing	200000	150000

9.	SDUAHER/ Res. Proj/ 179/2020-21  New no: SDUAHER/ Res. Proj/ 45/2022-23	Thyroid hormone profile in breast cancer: A Case control study. <b>The central ethics committee had unanimously approved the project and granted permission to Dr. Susanna Shwetha Jayker PI to carry out the research work as the PI has been received from SDUAHER CEC approved Dr. Subhashish Das Co-PI of the research project as Principal Investigator.</b>	<b>Dr. Subhashish Das</b> Professor Dept. of Pathology	2020-21	Ongoing	500000	Nil
10.	SDUAHER/ Res.Proj/ 180/2020-21  New no : SDUAHER/K LR/R&D/46/ 2022-23	<b>A Comparative Study of conventional pap smear with Manual Liquid based cytology in clinically suspected cases of cervical cancer- A Cross sectional study.</b> The central ethics committee had unanimously approved the project and granted permission to Dr. Susanna Shwetha Jayker PI to carry out the research work as the PI has been received from SDUAHER CEC approved Dr. Subhashish Das Co-PI of the research project as Principal Investigator	<b>Dr. Subhashish Das</b> Professor Dept. of Pathology	2020-21	Ongoing	500000	Nil

11.	SDUAHER/ Res. Proj/ 181/2020-21	Thiamine Status in Paediatric Sepsis - A Prospective Observational Study in a Tertiary Teaching Hospital.	<b>Dr. Sudha Reddy V.R</b> Professor & HoD Dept. of Paediatrics SDUMC	2020-21	Ongoing	194260	148182
12.	SDUAHER/ Res. Proj/ 182/2020-21	The Effects of Vitamin D3 gummies supplementation on Blood Glucose and Markers of Inflammation in Obese Adults.	<b>Dr. Shivakumara C.S</b> Assistant Professor Department of Clinical Nutrition and Dietetics, AH & BS, SDUAHER	2020-21	Ongoing	471000	120000
<b>Total amount</b>						<b>4698891</b>	<b>1631493</b>

<b>2020-21</b>			
<b>Total No. of Projects :12</b>			
<b>Ongoing</b>	<b>Completed</b>	<b>Sanctioned amount</b>	<b>Utilized amount</b>
11	01	4698891	1631493

### Ongoing project -2021-22

Sl.no	Project Number	Principal Investigators Name & Department	Title	Year Started	Current Status	Sanctioned amount	Utilize amount
01	SDUAHER/ Res. Proj/ 183/2021-22	<b>Dr. Sneha Kulkarni</b> Assistant Professor Dept. of Pathology	Karyotyping Analysis in Fine Needle Aspiration Cytology as a Complementary Test with Routine Aspiration Cytology for Confirming Malignancy.	2021-22	Ongoing	120000	Nil
02	SDUAHER/ Res. Proj/ 184/2021-22 <b>New no :</b>  SDUAHER/KL R/R&D/47/20 22-23	<b>Dr. Ashwini N S</b> Associate Professor Dept. of Anatomy The central ethics committee had unanimously approved the project and granted permission to Dr. Divya C, PI to carry out the research work as the PI has been received from SDUAHER CEC approved Dr. Ashwini N.S Co-PI of the research project as Principal Investigator.	Implementation of E-portfolios in Anatomy for Undergraduate Medical Students.	2021-22	Ongoing	100000	Not Utilized
03	SDUAHER/ Res. Proj/ 185/2021-22	<b>Dr. Anitha D.</b> Associate Professor Department of Microbiology SDUMC, Tamaka,	Microbiological and Clinical profile of Severe Acute Respiratory illness (SARI) in adult patients in Intensive care unit at a tertiary care hospital.	2021-22	Ongoing	800000	256000

04	SDUAHER/ Res. Proj/ 186/2021-22	<b>Dr. Usha G Shenoy</b> Lecturer, Department of Physiology SDUMC, Tamaka,	Study On the Extent of Genotoxicity in the Residents of Mine Tailing and Non- Mine Tailing Area of KGF.	2021-22	Ongoing	500000	300000
05	SDUAHER/ Res. Proj/ 187/2021-22	<b>Dr. Arvind Natarajan</b> Professor & HoD Department of Microbiology SDUMC, Tamaka, Kolar-563103	Antibody Status of SARS- CoV-2 Among Laboratory Confirmed COVID-19 Health Care Workers in a Tertiary care hospital: A Cross- Sectional Study.	2021-22	Completed	183000	157500
06	SDUAHER/ Res. Proj/ 188/2021-22	<b>Dr. Sunil B N.</b> Assistant Professor Department of Community Medicine SDUMC, Tamaka, Kolar-563103	Trajectory of Antibody Titres Post SARS -CoV-2 infection Among Health Care Workers Before and after Covishield Vaccination against SARS - CoV-2: A Cohort Study.	2021-22	Ongoing	491325	Not Utilized
07	SDUAHER/ Res. Proj/ 189/2021-22	<b>Dr. Senthil Kumar E.</b> Associate Professor Department of Physiotherapy FAH & BS, SDUAHER,	Quadriceps Angle Knee, Proprioception and Quadriceps Strength after Anterior Cruciate Ligament Surgery and Rehabilitation - An Observational Study.	2021-22	Ongoing	205800	154000
08	SDUAHER/ Res. Proj/ 190/2021-22	<b>Dr. Senthil Kumar E.</b> Associate Professor Department of Physiotherapy FAH & BS, SDUAHER	Strength And Recruitment Pattern Of The Lateral Trunk Flexors and Gluteal Muscles In Osteoarthritis Patient.	2021-22	Ongoing	198500	150000
09	SDUAHER/ Res. Proj/ 191/2021-22	<b>Dr. Venkateswarlu Raavi</b> Assistant Professor Department of Cell Biology and Molecular Genetics FAH & BS, SDUAHER	Influence of Diabetes on Radiation Induced Gene Expression Changes in Cancer Patients Undergoing Radiotherapy.	2021-22	Ongoing	495000	325081

10	SDUAHER/ Res. Proj/ 192/2021-22	<b>Dr. Sarulatha H</b> Professor & HoD Department of Physiotherapy FAH & BS, SDUAHER	Dual Task Interference on Gait in Middle Aged and Older Adults.	2021-22	Ongoing	900000	790000
11	SDUAHER/ Res. Proj/ 193/2021-22	<b>Dr. Manjunath N</b> Assistant Professor Department of General Medicine	A Study of Markers of Myocardial Injury in COVID 19 Patients Admitted to Tertiary Care Hospital in Rural Set Up and Their Association with Clinical Severity.	2021-22	Cancelled	118946	Cancelled
12	SDUAHER/ Res. Proj/ 194/2021-22	<b>Dr. Sagar V.</b> Associate Professor Department of Orthopedics	Serum Lactate and Procalcitonin- Its Role in Predicting Mortality of Trauma Patients.	2021-22	Ongoing	177000	89000
13.	SDUAHER/ Res. Proj/ 195/2021-22	<b>Dr. Ashwini K Shetty</b> Associate Professor Dept. of Physiology SDUMC, Tamaka , Kolar	Association between body composition and markers of inflammation among obese and Nonobese individuals	2021-22	Ongoing	108000	58000
14	SDUAHER/ Res. Proj/ 196/2021-22	<b>Dr. Bharathi R</b> Assistant Professor Dept. of Microbiology SDUMC, Tamaka	Seroprevalence of Anti - SARS- CoV- 2 IgG Antibodies among adults patients Attend in R.L.Jalappa Hospital, Kolar	2021-22	Cancelled Project	372600	-
<b>Total amount</b>						<b>4770171</b>	<b>2279581</b>

2021-22				
Total No. of Projects :14				
<b>Ongoing</b>	<b>Completed</b>	<b>Cancelled</b>	<b>Sanctioned amount</b>	<b>Utilized amount</b>
11	01	2	4770171	2279581

## Projects 2022-23

Sl.no	Project No	Title of the Research Project	Name of the Principal Investigators	Year Started	Current Status	Sanctioned amount	Amount Utilized
01	SDUAHER/ Res. Proj/ 195/2022-23	Post COVID Effects among the Healthcare Workers (HCWs) Working in a Designated COVID Care Hospital _ A Longitudinal Study.	<b>Dr. Muninarayana C</b> Professor Dept. of Community Medicine	2022-23	Ongoing	2686000	Not Utilized
02	SDUAHER/ Res. Proj/ 196/2022-23	Can an artificial Intelligence based mobile tool be alternative in diagnosing dermatological conditions? A cross sectional study.	<b>Dr. Pradeep T.S</b> Assistant Professor Dept. of Community Medicine	2022-23	Ongoing	366270	298800
03	SDUAHER/ Res. Proj/ 197/2022-23	Quilting and padding to prevent waterlogging efficacy of quilting sutures with gel foam placement in preventing post-operative seroma formation following breast cancer surgery	<b>Dr. Prakash Dave</b> Associate Professor Surgery	2022-23	Ongoing	280600	Not Utilized
04	SDUAHER/ Res. Proj/ 198/2022-23	Seroprevalence of AntiHBs antibodies among employees and students at a tertiary care health University in Kolar.	<b>Dr. Parimala S</b> Associate Professor Dept. of Microbiology	2022-23	Ongoing	1007400	398759
<b>Total amount</b>						<b>4340270</b>	<b>697559</b>

2022-23				
Total No. of Projects :4				
Ongoing	Completed	Cancelled	Sanctioned amount	Utilized amount
4	Nil	Nil	4340270	697559



## Project 2023-24

Sl.no	Project No	Title of the Research Project	Name of the Principal Investigators	Year Started	Current Status	Sanctioned amount
01	SDUAHER/Res. Proj/199/2023-24	Evaluation of herbal drugs loaded lipid Nano formulations for the suppression of MMP9 and p53 expression in Human oral cancer cells.	<b>Dr. Sathish Babu P</b> Post- Doctoral Fellow Dept. of Cell Biology and Molecular Genetics	2023-24	Ongoing	1280000
02	SDUAHER/Res. Proj/200/2023-24	Is there a link between Interleukin-6, Vitamin D, and depression? a cross sectional study among nursing students at a tertiary care centre in kolar.	<b>Dr. Ruth Sneha C</b> Associate Professor Dept. of Psychiatry	2023-24	Ongoing	283880
03	SDUAHER/Res. Proj/201/2023-24	Pulse pressure as a predictor of cardiac autonomic imbalance in orthostatic intolerance subjects.	<b>Dr. Jagadamba.</b> Professor, Dept. of Physiology	2023-24	Ongoing	915000
04	SDUAHER/Res. Proj/202/2023-24	Occupational stress and burnout among doctors in tertiary care rural medical college and Hospital Karnataka: A cross sectional study.	<b>Dr. Mohan Reddy M</b> Professor &HOD Dept. of Psychiatry	2023-24	Ongoing	141000
<b>Total amount</b>						<b>2619880</b>

2023-24				
Total No. of Projects :4				
Ongoing	Completed	Cancelled	Sanctioned amount	Utilized amount
4	Nil	Nil	2619880	-