

UNIVERSITY RESEARCH COMMITTEE

The University Research advisory Board is constituted by the Vice-Chancellor and consists of a chairman and nine members of whom one is a member secretary. It meets twice a year (as per the dates mentioned in the calendar of events for the year) and also as and when required. The University Research Advisory Board will support research initiatives of the Faculty members and Research Scholars of the University and advice the University towards fulfilling these initiatives.

Sl.no	Name	Designation
1	Dr.Indrani Karunasagar Director, (R&D), NITTE University, Dean, Faculty of biological sciences University Enclave, Medical Sciences Complex, Deralakatte, Mangalore-575018	Chairman
2	Dr.S.L.Hoti Director Regional Medical Research Centre (ICMR) National Highway No.4,Belgaum-590010	Member
3	Dr.Thangam Menon, PhD, D.Sc. Professor & HOD, Dept, of Microbiology Dr.ALM PG institute of basic Medical Sciences, Chennai- 600113	Member
4	Dr.Shameem Sheriff MD, PhD. Professor & HOD Dept, of Pathology M.V.J.Medical College, Hoskote Bangalore	Member
5	Dr.ML Harendra Kumar Principal, SDUMC & Dean, Faculty of Medicine SDUAHER, Kolar	Member
6	Dr.PR.Krishna Swamy Scientific Advisor, SDUAHER Tamaka.Kolar	Member
7	Dr.K.N.V.Prasad Professor & HOD of Paediatrics SDUMC, Tamaka, Kolar	Member
8	Dr.B.G.Ranganath Prof. of Community Medicine SDUMC, Tamaka, Kolar.	Member
9	Dr. T.N Suresh Co-ordinator R&D, SDUAHER	Member

	Kolar	
10	Dr.C.S.Babu Rajendra Prasad Prof & HOD of Pathology SDUMC, Tamaka, Kolar.	Member
11	Dr.A.V.M.Kutty Registrar SDUAHER, Kolar	Member secretary

CENTRAL ETHICS COMMITTEE

Central Ethics committee of SDUAHER, Kolar is now registered with The Drugs Controller General (India), Directorate General of Health services under rule 122DD of the Drugs & cosmetics rules 1945.

Sl. No	Name	Designation
1.	<p>Dr.Kiran Katoch Ex-Director, National, JALMA Institute for Leprosy & other Mycobacterial Diseases (ICMR),Tajganj, Agra(UP) C/o Dr Rohini Katoch. IPS Superintendent of Police KGF. Kolar District. Phone : 09291610499 Email:kirankatoch@rediffmail.com</p>	Chairman
2.	<p>Mr . Subramani Assistant Professor Basaweshawara College of Law Kolar</p>	Member
3.	<p>Mr.B.Suresh President - District Chamber of Commerce, Vice Chairman, Indian Red Cross. Reporter, Press Trust of India Parvathi nilaya, BRM colony kolar E mail; kolarprabha@gmail.com Mob:09845280889</p>	Member
4.	<p>Dr. K.N.Srinivas Dean, College of Horticulture, University of Horticultural Sciences, Tamaka, Kolar-563101</p>	Member
5.	<p>Swami Chinmayananda Avadhuta Co-ordinator, South India Ananda Marga Prachara Sangha Ananda Marga Ashram, Kithandur, Kolar (T) Mob: 09448310979 Mail: dadacinmaya@gmail.com</p>	Member
6.	<p>Dr.V.Lakshmaiah Professor of Medicine RLJH Tamaka, Kolar</p>	Member
7.	<p>Dr.N.Sarala Prof. & HOD of Pharmacology, SDUMC, Kolar. Mob: 09845750165 E-mail: n_sarala@rediffmail.com</p>	Member
8.	<p>Dr.T.N.Suresh Member secretary Central ethics committee Associate professor of Pathology Co-ordinator, Research & Development, SDUAHER, Kolar. Ph. No 9448977028 E-mail: co.rd@sduu.ac.in</p>	Member secretary

R&D COMMITTEE MEMBERS

Monitor the progress in the research projects . R&D section also organizes Research Methodology workshop

SL. NO.	Name	Designation	
1	Dr. T N Suresh	Co-ordinator of Research & Development Professor of Pathology SDUAHER, Kolar-563101. E mail: co.rd@sduu.ac.in	Chairman
2	Dr.B.G Ranganath	Vice Principal Prof. of community Medicine SDUMC, Tamaka, Kolar-563101. E mail: rangnath477@gmail.com	Member
3	Dr. Dinesh K	Professor &HOD of Anesthesia E mail: anaesthesia@sdumc.ac.in	Member
4	Mrs. Divya Bose	Research assistant, Genome Lab. SDUMC, Tamaka, Kolar-563101. E mail: genomokolardc@gmail.com	Member
5	Dr. Dayanand	Programme co-ordinator & Head Of AHS, professor of Biochemistry SDUAHER, Tamaka, Kolar-563101. E mail: dayanandcd.jcbs@sduu.ac.in	Member

Capacity building in Research

National Research Workshops/ Seminar conducted

National Research Workshop is being organized annually. Five workshops have been conducted since 2010. Eminent scientists and clinicians from India and abroad were invited as guest faculty. Each workshop had a special theme.

- 1st National Research Workshop (4th and 5th March 2010) “Developing infrastructure for Biomedical Research Opportunities for medical universities”.
- 2nd National Research Workshop (9th and 10th March 2011) “Application of New Biology to medical research in the Indian context”.
- 3rd National Research Workshop (24th and 25th January 2012) “Fetal origin of childhood and adult disease: genetic epigenetic and environmental perspective”.
- 4th National Research(8TH & 9TH March 2013) “Opportunities and Challenges in Medical Research in India”
- 5th National research Seminar (25 - 26 April, 2014) on “Personalized Medicine – The Emerging Paradigm”.

National level Undergraduate Medical Conference (DEMEDCON)

- The academy conducted National level Undergraduate Medical Conference DEMEDCON on 31st May and 1st June 2014. Preconference work shop on research methodology, Diagnostic skills, CPCR, and Essential pain management conducted on 30th May 2014.
- Second National level Undergraduate Medical Conference DEMEDCON was organized on 24th & 25th April 2015. Preconference workshop on Basic surgical skill, literature search, Theatre of oppressed, Essential pain management, Cardio pulmonary resuscitation & Evidence Based Medicine was conducted on 23rd April 2015.

R&D section of the Academy regularly conduct [Research methodology workshop](#) for teaching staff of SDUMC, Kolar

1. First Research methodology workshop on 7/03/2013, Dr.Stephen Bret , Imperial college, UK
2. second Research methodology workshop on 30/08/2013 by Dr Shivprasad goudar, KLE University, Belgaum
3. Third Research methodology workshop on 13/03/2014 by Dr. Mukund Gajendragad & Dr KP Suresh from National Institute of Veterinary Epidemiology and Disease Informatics, Bangalore

4. Fourth Research methodology workshop on conducted on 11th & 12th September 2014 in association with Research & Development section of Ms Ramaiah Medical College, Bangalore
5. Workshop on Descriptive Research Studies was organized by Department of Research and Development, SDUAHER, kolar in association with Madras Diabetes Research Foundation (MDRF), Chennai. The program was scheduled on 26th and 27th of February 2015.
6. Research & Development section of Sri Devaraj Urs Academy of Higher Education & research Centre, Kolar has organized 6th Research Methodology Workshop on 18th & 19th September 2015.
7. Workshop on “**Writing a Scientific article for Publication**” on 5/3/2016.
8. Research & Development section of Sri Devaraj Urs Academy of Higher Education & research Centre, Kolar has organized 6th Research Methodology Workshop on 16th & 17th September 2016.

Central research facility

University has advanced central research facility. The university has created Advanced Research Centre for research in Molecular Biology, Genomics and Proteomics. Rs.20.0 million is spent on creating new facilities.

Advanced diagnostic facility is created in Central Clinical Laboratory and Radio-diagnosis department. To facilitate the clinical research the Medical Record Department has been upgraded and is totally digitalized.

The Advanced Central Research Facility is being further enhanced by constructing additional space of 16000 sqmt. The total estimate is Rs.50.0 million.

Research linkages with other institutions, universities and centers of excellence.

The university has collaborations, linkages with other institutions within and outside India for research and academic activities.

Collaborating Institutions/organizations	Outcomes/ achievements
I. International	
1. University of Minnesota, USA	The research team has visited the university four times and has involved in the development of research protocol as well as development of curriculum for Master of Public Health programme

	Two research projects, one on Fluorosis and another on ex-miner's respiratory health were developed and are in progress.
2. University of Illinois, USA	A visiting faculty Dr. AraTekian has conducted workshops in Medical Education and Research
3. University of San Diego, USA & A Centre for Renal Translational Medicine, California	Collaborative Research in basic science: for detecting cost-effective novel bio-marker in urine in pre-eclampsia
4. MIT, USA	Rapid detection of HPV in cervical dysplasia
5. KLE university for WHO clinical trial	A phase III, randomized, double-blind, active, controlled, multinational, multicentre, non-inferiority trial using carbocin room temperature stable (RTS) for the prevention of postpartum haemorrhage during the third stage of labour in women delivering vaginally
II. National	
6. Centre for Cellular and Molecular Biology (CCMB), Hyderabad	Guidance from experts in the area of research and academics Collaborative research project conducted on Type II Diabetes
7. Public Foundation of India, Hyderabad	To associate and take up research and also training in public health problems
8. St. John's Institute of Medical Sciences, Bangalore	Collaborative research: 'INSPIRE & SPECTRUM'
9. Madras Diabetes Research Foundation (MDRF), Chennai	Collaborative research in the field of diabetes. Training the faculty and students in research on Diabetes
10. S-VYASA University, Bangalore	To collaborate in the area of research and training To integrate Yoga with modern medicine
11. Genotypic Technologies Pvt. Ltd. Bangalore	Industry- Institute partnership to strengthen the research and training in innovative and emerging areas of genomic research
12. M. S. Ramaiah Institute of Neurosciences, Bangalore	Health care services in the super specialty area of neurology and neurosurgery
13. Narayan Hrudayalaya, Bangalore.	Health care services in the super speciality area of cardiology and cardio-thoracic surgery for rural area
14. Spastic Society of India, Bangalore.	Partnership with a NGO as social accountability to provide care for children affected with spasticity and autism
15. MIRLIFE Pvt. Ltd., Bangalore	Collaborative Research & Training

16. Indian Institute of Sciences, Bangalore.	Training and collaborative research. Initiated steps to sign MoU with the institute for further strengthening of research
17. District Health Authorities ICTC, PULSE POLIO, RNTCP programmes	Extension of academic and training programs to nonacademic public health providers Partners in Govt.'s NACO, eradication of polio, tuberculosis Programme.
18. Mitochondrial and Metabolic Disease Center of UCSD, USA for carrying out the research	MoU signed to carry out research in public health

[Multidisciplinary / interdisciplinary / transdisciplinary research](#)

The university always promotes interdisciplinary, multidisciplinary and trans-disciplinary research through post-graduate thesis, M.Phil., Ph.D. thesis and various pilot studies involving pre-clinical, para-clinical and clinical departments. The university encourages conducting seminars and conferences involving more than one department in any year.

The university has setup advanced research facility in the area of molecular biology and human genomics which facilitates clinicians from medicine, pediatrics, OBG and Dermatology to engage in carrying out interdisciplinary research on congenital anomalies, metabolic diseases, pre-eclampsia and dermatological conditions which are common in and around Kolar.

This research has resulted into the active research collaborations with IISc, Bangalore, Genotypic, Bangalore, JNCASR, Bangalore, MDRF, Chennai and CCMB, Hyderabad, S- VYSYA Bangalore & MIRLIFE Pvt. Ltd

The research collaborations with industry and research organizations have resulted into industry driven curriculum of the program under Allied Health Sciences.

The university has signed MoU with Public Health Foundation of India and Department Public Health, University of Minnesota, Mitochondrial and Metabolic

Disease Center of UCSD, USA for carrying out the research related to public health.

YEAR	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	TOTAL
Publications	22	30	31	56	125	190	168	186	137	75	1020

SL. No.	Year	Number	Name of the project
1)	2011	SDUAHER/ Res. Project/ 50/2011-12	Role of otoendoscopes as an adjunct tool in canal wall up mastoidectomy for cholesteatoma.
2)	2011	SDUAHER/ Res. Project/ 51/2011-12	Use of medical student stressor questionnaire (MSSQ) in assessing the incidence of stress among undergraduates in a medical college Kolar and quantifying the wastage -a longitudinal study
3)	2011	SDUAHER/ Res. Project/ 52/2011-12	Development of a rapid, cost-effective, and non-invasive method for detection of HPV as a causative agent in cervical and oro-pharyngeal dysplasias.
4)	2011	SDUAHER/ Res. Project/ 54/2011-12	Prevalence of Psychiatric morbidity in intensive care unit patients.
5)	2011	SDUAHER/ Res. Project/ 55/2011-12	Awareness and attitude towards mental illness among a rural population
6)	2012	SDUAHER/ Res. Project/ 58/2012-13	Studies on serum elastase and elastase-inhibitors in infectious and non-infectious diseases
7)	2013	SDUAHER/ Res. Proj/ 66/ 2013-14	Mutational analysis of Autosomal Recessive congenital ichthyosis with insights into structural and functional relationship of novel Transglutaminase-1 mutations.
8)	2013	SDUAHER/ Res. Proj/ 67/ 2013-14	Genomic information-driven investigation of nutritional requirement of Leptospira.
9)	2013	SDUAHER/ Res. Proj/ 73/ 2013-14	Screening of congenital malformations in a tertiary care hospital.
10)	2013	SDUAHER/ Res. Proj/	Dengue Virus Serotypes in patients hospitalized for Dengue fever at R L Jalappa Hospital and Research

		80/ 2013-14	Centre, Kolar.
11)	2013	SDUAHER/ Res. Proj/ 81/ 2013-14	Evaluation of central compartment lymph nodes for metastasis in papillary carcinoma thyroid.
12)	2013	SDUAHER/ Res. Proj/ 82/ 2013-14	Evaluation of supramandibular facial lymph nodes for metastasis in oral cavity cancers with palpable cervical lymph nodes.
13)	2013	SDUAHER/ Res. Proj/ 83/ 2013-14	Evaluation of Influence of Primary Preventive Measures Implemented by Administrative Approach and Regular Health Care Approach in the Control of Risk Factors for Diabetes on Police Personnel.
14)	2013	SDUAHER/ Res. Proj/ 86/ 2013-14	Comparative study of visual clinical outcome and patient satisfaction in toric versus nontoric IOL implantation following phacoemulsification cataract surgery.
15)	2013	SDUAHER/ Res. Proj/ 88/ 2013-14	Gender specific Utility of lipid ratios and its correlation with systemic inflammation in Acute Myocardial Infarction(AMI) patients with Type 2 Diabetes mellitus - A Hospital Based Study.
16)	2013	SDUAHER/ Res. Proj/ 89/ 2013-14	Serum Total Bilirubin and Oxidative stress status in Diabetic Retinopathy - A Hospital based Observational study.
17)	2014	SDUAHER/ Res. Proj/ 92/ 2013-14	Identification of Acid Fast Bacilli in effusions by Clot processing Technique and its validation by conventional PCR Technique.
18)	2014	SDUAHER/ Res. Proj/ 94/ 2013-14	"Studies on Histone and Non-Histone Protein Modifications in Oral Cancer: Implications in Therapeutics".
19)	2014	SDUAHER/ Res. Proj/ 95/ 2013-14	"Spectrum of non-invasive (allergic) and invasive fungal rhino sinusitis in a tertiary health care centre."
20)	2014	SDUAHER/ Res. Proj/ 96/ 2013-14	"Correlation of cardiac blood pH changes with time since death".

21)	2014	SDUAHER/ Res. Proj/ 97/ 2014-15	"Evaluation of polymorphism in TNF- α and CARD 14 genes in psoriasis."
22)	2014	SDUAHER/ Res. Proj/ 98/ 2014-15	"Randomized Trial of two different doses of Vitamin D Supplementation and Risk of Acute Respiratory infection in children in Rural kolar(Karnataka)"
23)	2014	SDUAHER/ Res. Proj/ 100/2014-15	"Mutation analysis of GJB2 gene in probands of congenital non-syndromic hearing impairment."
24)	2015	SDUAHER/ Res. Proj/ 103/2015-16	"Occurrence of mutations in Nuclear Localization Signal motif of TP53 gene in Oral squamous cell carcinoma
25)	2015	SDUAHER/ Res. Proj/ 104/2015-16	Screening and molecular characterization of beta-thalassemia in anemic pregnant women."
26)	2015	SDUAHER/ Res. Proj/ 105/2015-16	"Clinical & Microbiological profile of Acute Febrile Illness among Patients attending a Teaching Hospital.
27)	2015	SDUAHER/ Res. Proj/ 106/2015-16	Quantitative assessment of interleukin-6 levels in benign, premalignant and malignant lesions of oral cavity.
28)	2015	SDUAHER/ Res. Proj/ 107/2015-16	Utilisation of cancer cervix screening services with /community participation - A randomized community based trial
29)	2015	SDUAHER/ Res. Proj/ 109/2015-16	Effectiveness of functional transparent model of larynx as a teaching and learning media
30)	2015	SDUAHER/ Res. Proj/ 108/2015-16	Evaluation of change in threshold of smell perception after tracheostomy.
31)	2015	SDUAHER/ Res. Proj/ 111/2015-16	"Trabeculectomy and trabecular aspiration to treat pseudo exfoliation glaucoma - a randomized control trial."
32)	2015	SDUAHER/ Res. Proj/ 112/2015-16	"Comparison Of Optical Coherence Tomography And Humphrey Visual Field In Early Glaucoma Diagnosis _Observational Study."
33)	2015	SDUAHER/ Res. Proj/ 113/2015-16	"Effect of heparinized irrigation solution on post-operative inflammation after cataract surgery in Diabetics- A randomized control study."
34)	2015	SDUAHER/ Res. Proj/ 114/2015-16	Perioperative nutrition - Impact on wound healing in head and neck cancer patients.
35)	2015	SDUAHER/ Res. Proj/ 115/2015-16	Isolation and characterization of lectin from Eugenia jambolana Lam.

36)	2016	SDUAHER/ Res. Proj/ 116/2015-16	Effect of Integrated Yoga in elderly type 2 diabetic with cognitive impairment
37)	2016	SDUAHER/ Res. Proj/ 117/2016-17	A randomised controlled clinical trial to assess the efficacy of prior-prepared bed of pure type-1 collagen matrix in receiving in-house cultured keratinocyte auto graft.
38)	2016	SDUAHER/ Res. Proj/ 118/2016-17	Attenuation of pain due to propofol intravenous injection by pre-treatment with ondansetron and lignocaine: randomized study
39)	2016	SDUAHER/ Res. Proj/ 119/2016-17	Comparative study of intraregional BCG and PPD in the treatment of multiple cutaneous warts.
40)	2016	SDUAHER/ Res. Proj/ 120/2016-17	Early detection of cardio toxicity in organ phosphorus poisoning
41)	2016	SDUAHER/ Res. Proj/ 121/2016-17	Association between subclinical hypothyroidism and diabetic retinopathy in type 2 diabetic patients.
42)	2016	SDUAHER/ Res. Proj/ 122/2016-17	Influence of Serum levels of Vitamin D on insulin sensitivity in patients with type 2 Diabetes Mellitus
43)	2016	SDUAHER/ Res. Proj/ 123/2016-17	Association of serum iron indices with Insulin Resistance Index in euglycemic off-springs of diabetics and non-diabetics.
44)	2016	SDUAHER/ Res. Proj/ 124/2016-17	Effectiveness of saturated salt solution to embalm cadavers in comparison to Thiel solution and formalin solution for surgical skill training.
45)	2016	SDUAHER/ Res. Proj/ 125/2016-17	A study of life style modification with and without metformin in prediabetes subjects.

Research projects completed and grants received during the last four years

Sr. No.	Year	Project number	Title of the project	Funding agency	Funds received Rs.)
1)	2010	SDUAHER / Res. Proj/29	A large multicenter prospective study to determine etiologies, clinical practice patterns and outcomes of strokes in India (INSPIRE)	Collaborative research with St. John's National Academy of Health Sciences, Bangalore National institute of Health , USA	2,50,000
2)	2011	HRD no-3/2/2011 /PG- Thesis- HRD-16	Study and analysis of p53 and KI67 &PRb expression in premalignant and malignant cervical lesions	ICMR	25,000/-
3)	2012	13/2012-13	Situational analysis of the practice patterns in cardiovascular disease management in all Regions of India using mixed research methods (SPECTRUM)	St. John's National Academy of Health Sciences, Bangalore	13,000
4)	2012	3/2/2012-13/Pg-thesis- HRD-9	Cancer cervix screening among women aged 30-60 years in Devarayasamudra Primary Health center area in Kolar district	ICMR	25,000/-
5)	2012	2012-02837	Significance of urine sediment in the era of ten parameter dip stick	ICMR	10,000/-
6)	2012	2012-01644	"Apolipoprotein B levels and its relation to lipid profile in type 2 diabetes mellitus"	ICMR	10,000/-
7)	2012	2012-02731	Risk factors, lipid profile and histopathological study of oral cancers in Kolar district	ICMR	10,000/-
8)	2013	2013-00335	Clinical significance of serum amylase in acute organophosphorus poisoning	ICMR	10,000/-
9)	2013	2013-1300	Evaluation of trend on oxidative stress and antioxidants in fluoride affected areas in Kolar district	ICMR	10,000/-