

# **Student Research Committee**

**Sri Devaraj Urs Medical College, Kolar 563101**

## **Orientation and Research Methodology Workshop for 1<sup>st</sup> year postgraduates (2019-20 batch)**

**Date: 6<sup>th</sup> to 8<sup>th</sup> August 2019**

**Venue: Library seminar hall**

### **Summary**

The Orientation program for 1<sup>st</sup> year postgraduates ( 2019-20 batch) started with an invocation song to invoke the blessings of almighty by Dr. Preeti and Dr. Mahima First year post graduate students from department of Anesthesiology. Dr Asha, Convener Student Research Committee welcomed the dignitaries to the program. This was followed by inauguration of the program by watering the plant by the Honorable Chancellor Dr. Kumar S, Principal and Dean Faculty of Medicine Dr PN Sreeramulu, Registrar of the Academy Dr. KNV Prasad, Director of Academics Dr Sarala N, PG Director Dr Mohan Kumar, Vice Principal Dr KN Shashidhar, Convener SRC, Dr Asha B, Program Coordinator Dr Jagadamba and two post graduate students.

The introductory remark was given by Dr. P. N. Sreeramulu, Principal, Sri Devaraj Urs Medical College, who sensitized the post graduates on the need for the orientation program. The honorable Chancellor Dr Kumar S delivered the presidential remark and welcomed the students to SDUAHER and mentioned that they are part of this Academy forever. He encouraged the post graduates to utilize the facility provided by the Academy for acquiring required competencies. The dignitaries, resource persons and participants introduced themselves during Ice breaking session

The first session was on Academic Requirements, where the PG students were enlightened about the Competency Based Medical Education in PG curriculum. The academic activities such as seminars, Journal club, CPCs and interdepartmental symposium were mentioned. They were informed regarding the logbook submission dates, check list for review of log books of pg students, assessments and eligibility criteria for university examination. The second session was on Teaching Learning Methods who stressed upon traditional and work place based methods of teaching and learning. Edgar Dales cone of experience regarding passive and active learning was highlighted. Following this there was a session on Clinical (Bedside) Learning and Assessment which included various components of PG curriculum, clinical reasoning process, Evidence Based Practice and workplace based assessment.

Following a tea break, the session was on NABH documentation guidelines regarding importance on NABH documentation, case sheet entry and prescription writing. Next session was on Pharmacovigilance with focus on importance of reporting the Adverse Drug Reactions and drug safety. This was followed by NABL guidelines for investigations, sample collection, work flow in laboratory, requirements for laboratory testing and laboratory forms like test

request forms and consent forms. A very brief session by Dr. Gururaj Rao, Student councilor, who addressed the gathering and encouraged them to overcome stress, seek his assistance when required anytime of the day and provided his contact number.

The post graduates were then introduced to various library resources and services by the Senior Librarian. The next session following lunch, was on Medical Ethics, effective communication skills and Professionalism. Hippocratic Oath and Rights & privileges of a Registered medical practitioners were explained by quoting the case scenarios. The next session was on Medical Negligence, which briefed the common errors and manifestations of medical negligence with illustrations. Importance of Documentation was highlighted. Last session was on Consumer Protection Act and liability of doctors. The important court judgments for and against the doctors in various situations were quoted.

The day 2 was on Research methodology workshop which started with a brief report and feedback on day 1 by post graduate students. The first session was on Introduction of Objectives where the PG students were enlightened about the Research, thesis and synopsis. The synopsis outline was explained and stressed upon title that it should be short, clear and reflect the content. The second session was on Need for the study where the different components of need for the study including magnitude of the problem and gaps in knowledge needs to be emphasized. The next session was by on Review of literature where the participants were thought literature search by using PubMed search engine. The students were asked to create account in PubMed and demonstrated regarding the literature search by Boolean logic and Nesting to obtain relevant articles. Following a tea break, the session was on Research Questions, Research Hypothesis and framing objectives for research. A session on general principles of Ethics, Ethics Committee composition, conflict of interest, authorship criteria during publication and research misconduct was conducted. Following lunch, the students were divided into eight groups and two to three moderators were allotted for each group to discuss regarding the title of the study, introduction, review of literature and objectives. Later the students presented the modified synopsis in their respective groups. Feedback was collected.

The first session was on Methods and Materials – overview where the PG students were explained regarding importance of using appropriate methods and materials, defined the study population and duration of the study. The second session was on Study design, Sampling, Inclusion & Exclusion criteria where participants were explained regarding the different study designs and sampling techniques. Following a tea break, the session was about sample size calculation and various statistical tests that can be applied in the research. A session on writing the references was held where in the correct way of reference writing in Vancouver style was explained. The terms like referencing, bibliography, citations, secondary referencing and plagiarism were explained. The next session was on reference management tool followed by a session on grant chart.

Following lunch, the students were divided into eight groups and two to three moderators were allotted for each group to discuss regarding the methods and materials and referencing. Later the students presented the modified synopsis in their respective groups. Feedback was collected and the program was concluded.

**Participants:** First year post graduate students -70

**Program coordinators:** Dr Mohan Kumar, Dr Asha B and Dr Jagadamba A

**Resource persons:** Dr. P. N. Sreeramulu, Dr. Sarala N, Dr. K. N. V. Prasad, Dr. Lakshmaiah V, Dr Mohan Kumar, Dr. Shashidhar K.N, Dr. T.N. Suresh, Dr. Savitha. N, Dr. Bhuvana. K, Dr.Sumathi M.E, Dr. Srinivas Reddy, Dr. Prasanna Kamath, Dr. Asha B, Dr.Ajaykumar.T.S, Dr. Jagdamba A, Dr. Geetha. S, Dr. Swaroopraj, Dr. Mahendra M, Mr Ravi Shankar, Mr. Prakash HM

**Moderators:** Dr Dinesh , Dr Anil Sakalecha, Dr Kalyani, Dr Ravi M, Dr Srinivasa, Dr Ashwini NS, Dr Shobha MV, Dr Hariprasad S, Dr Prabhu E, Dr Srinivasan



Inauguration of the PG orientation for 2019-20 batch by watering the plant by the Honorable Chancellor Dr. Kumar S and other dignitaries



Ice breaking session at PG orientation for 2019-20 batch Organized by Student Research Committee



A session on Synopsis over view by Dr.Mohan Kumar at PG Research Methodology workshop for 2019-20 batch



A session on Teaching learning method by Dr. K N V Prasad at PG Research Methodology workshop for 2019-20 batch





Interactive session on Reference management tools at PG Research Methodology workshop for 2019-20 batch



Group activity at PG Research Methodology workshop for 2019-20 batch

*Principal*  
Principal  
20/08/19

Sri Devaraj Urs Medical College  
Tamaka, Kolar-563103.

|   |   |   |
|---|---|---|
|  | <p><b>SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION<br/>&amp; RESEARCH</b></p> <p><b>SRI DEVARAJ URS MEDICAL COLLEGE</b><br/>Tamaka, Kolar - 563103</p> <p><b>Department of Student Welfare</b></p> |  |
|---|---|---|

## Student Research Policy

### Preamble:

Student as researchers exemplifies new attitudes and ways of working with young minds in a Medical college. It promotes a partnership between a teacher and the student where there is mobilization of knowledge mutually which enhances learning. Students, as researchers seek to involve, not merely using young people, viewing them not just as recipients or targets, but as resources and producers of knowledge.

### Aims of the policy

1. Provide guidelines for the conductance, presentation and publication of research work
2. Provide essential infrastructure support for research work
3. Promote research and motivate the students

### Guidelines

1. Motivated students to approach the guides for start of the research.
2. The students can carry out projects seeking internal funds or can apply for external funded projects
3. The projects denied of external funds can apply for SDUAHER grants to support the work.
4. The project should be submitted to Institutional Ethics Committee for approval through proper channel
5. The research conducted at Sri Devaraj Urs Academy of Higher Education and Research should be conducted as per the guidelines by UGC/ DSIR/ ICMR fulfilling other ethical/ legal requirements
6. The students should attend state, national and international undergraduate conferences and present their work in these conferences as either oral presentation or poster.
7. The research work by student should be presented by student preferably, in rare circumstances the faculty can present the work with no objection certificate by the student.
8. Travelling grants in the form of registration fee, TA and DA will be provided by the Academy on submitting the documents for proof of presentation along with ethical clearance for publication.
9. Students applying for external student funded projects (ICMR-STs) should be the first author and the guide to be second and corresponding author.

10. Authorship criteria should be strictly followed. The authors should contribute in conceiving and designing of the study, acquisition of data, analysis and interpretation and critical evaluation of intellectual content.
11. The order of authors must be directly proportional to the contribution towards the research work.
12. The incentive for publication will be provided as per Institutes Incentive Policy.

#### MEMBERS OF STUDENT RESEARCH COMMITTEE

| S.No. | Name                             | Designation                                   | Department  |
|-------|----------------------------------|---|-------------|
| 1.    | Dr. Sreeramulu P.N.              | Principal, SDUMC                              | Chairman    |
| 2.    | Dr. Asha B.                      | Prof. of Pharmacology, SDUMC                  | Convener    |
| 3.    | Dr. Jagadamba A                  | Assoc. Prof..of Physiology, SDUMC             | Co-Convener |
| 4.    | Dr. Sridevi N.S.                 | Director, Student Welfare                     | Member      |
| 5.    | Dr. Rajashekar T.S.              | Prof. & HOD of Dermatology                    | Member      |
| 6.    | Dr. Suresh T.N.                  | Prof. of Pathology,SDUMC                      | Member      |
| 7.    | Dr. Srinivasa S.V.               | Prof. of Medicine, SDUMC                      | Member      |
| 8.    | Dr. Madhavi Reddy M.             | Prof. of HOD of CND,SDUAHER                   | Member      |
| 9.    | Dr. Sarulatha M                  | Prof. of Physiotherapy, SDUHAER               | Member      |
| 10.   | Dr. Patil N.J.                   | Assoc. Prof. of Integrative Medicine, SDUHAER | Member      |
| 11.   | Dr. Parimala                     | Assoc. Prof..of Microbiology, SDUMC           | Member      |
| 12.   | Dr. Ashwini N.S.                 | Assoc. Prof. of Anatomy, SDUMC                | Member      |
| 13.   | Dr. Mahendra M                   | Asst. Prof. of Community Medicine, SDUMC      | Member      |
| 14.   | Dr. Chaitra M.C.                 | Asst. Prof. of Ophthalmology, SDUMC           | Member      |
| 15.   | Dr. Ruth Sneha Chandrakumar      | Asst. Prof. of Psychiatry, SDUMC              | Member      |
| 16.   | Dr. Sumanth T.                   | Asst. Prof. of Anesthesiology, SDUMC          | Member      |
| 17.   | Dr. Kouser Mohammadi             | Asst. Prof, of ENT, SDUMC                     | Member      |
| 18.   | Miss. Menali Uthpala Dissanayake | MBBS IV Term (2018-19)                        | Member      |
| 19.   | Mr. Raheel Mohamed Rahamathulla  | MBBS IV Term (2018-19)                        | Member      |
| 20.   | Miss. Sahana Rani S,             | OTT, VI Semester                              | Member      |
| 21.   | Miss. Sahithi                    | CND, VI Semester                              | Member      |



**SRI DEVARAJ URS ACADEMY OF HIGHER  
EDUCATION**

**SRI DEVARAJ URS MEDICAL COLLEGE,  
TAMAKA, KOLAR-563101.**



**UNDERGRADUATE ICMR APPROVED PROJECTS FROM 2014-2019**

**PROJECTS APPROVED ICMR STS - COMPLETED – 2014**

| <b>Sl no.</b> | <b>Title of the study</b>   | <b>Authors</b>  | <b>Department</b>                                  | <b>ICMR-STS approval</b> |
|---------------|---|---|--|--------------------------|
| 1.            | Benign tumor and its malignant consequence: A case report of ovarian fibroma- thecoma with endometrial carcinoma    | Ms. Deepthi T1<br>Dr. Shilpa G2<br>Dr. Gomathy3<br>Dr. Harendra Kumar2<br>Dr. Narayana Swamy3                                     | UG Student1<br>Pathology2<br>OBG3                  | Yes                      |
| 2.            | Nasal Carriage and acquisition of Staphylococcus aureus among interns posted in Surgery at a tertiary care hospital | Ms. Priyanka Majety1<br>Ms. Puah Soo Huan1<br>Mr. Lim Shu Syi1<br>Ms. Sahana S Murthy1<br>Dr. Harsha Vardhana2<br>Dr. Prasad S R3 | UG Students2<br>External faculty2<br>Microbiology3 | Yes                      |

**PROJECTS COMPLETED - 2015**

| <b>Sl no.</b> | <b>Title of the study</b>  | <b>Authors</b>   | <b>Department</b>                 | <b>ICMR-STS approval</b> |
|---------------|--|--|-----------------------------------|--------------------------|
| 1.            | Clinical significance of Serum Amylase in Acute Organophosphorus Poisoning | Mr. Chopperla SK<br>SK Dattatreya<br>Sitaram1<br>Dr. Sumathi M E2          | UG Student1<br>Biochemistry2      | Yes                      |
| 2.            | Uncommon location of a common tumor. A large leiomyoma occurring in ovary  | Mr. Harshith Gowda<br>K B1<br>Dr. Hemalatha A2<br>Dr. Narayana Swamy<br>M3 | UG Student1<br>Pathology2<br>OBG3 | Yes                      |



SRI DEVARAJ URS ACADEMY OF HIGHER  
EDUCATION

SRI DEVARAJ URS MEDICAL COLLEGE,  
TAMAKA, KOLAR-563101.



### PROJECTS COMPLETED – 2016

#### APPROVED -19

| Sl no | Title of the study   | Authors   | Department                                | ICMR- STS approval Yes/No                               |
|-------|--|---|---|---|
| 1.    | Glycemic status and uric acid estimation in myocardial infarction with type 2 diabetes mellitus  | Mr. VANV Kishore1<br>Dr. Prabhavathi K2<br>Mrs. Munilakshmi U2<br>Dr. Lakshmaiah V3 | UG student1<br>Biochemistry2<br>Medicine3 | YES   |
| 2.    | A study of Genotoxicity of residual pesticides on vegetables using Allium cepa test  | Ms. Maya<br>Lakshmanan<br>Dr. CSBR Prasad   | UG student1<br>Pathology2                 | Approved<br>IEC/94/2015-16.<br>ICMR no – 2016<br>- 1948 |
| 3.    | Risk assessment of oral cancer in smokers and tobacco chewers by micronuclei evaluation in buccal mucosal cells                        | Ms. GundalaSupraja<br>Dr. T.N.Suresh  | UG student1<br>Pathology2                 | Approved<br>ICMR NO-2016-<br>4019                       |
| 4.    | Utility of platelet indices in assessing risk of mortality in intensive care patient admitted at a tertiary hospital                   | Ms. Kavya I<br>Dr. Swaroop Raj B V  | UG student1<br>Pathology2                 | Approved<br>ICMR No- 2016-<br>894                       |
| 5.    | Platelets indices and basic coagulation profile in haemodialysis type-2 diabetic patients- A case control study in rural health set up | Ms. Pahim H<br>Dr. Supreetha M S  | UG student1<br>Pathology2                 | Approved<br>IEC/100-2015-16<br>ICMR NO-2016-<br>3357    |
| 6.    | Changes in hematological parameters in newborn born to preeclamptic mothers- A case control study in a rural hospital                  | Ms.<br>KalavakuruMouna<br>Dr. Shilpa M D  | UG student1<br>Pathology2                 | Approved<br>IEC/101/2015-16<br>ICMR NO-2016-<br>2829    |



|     |  |  |                                   |   |
|-----|--|--|-----------------------------------|---|
| 7.  | A Comparative study of assessment of knowledge and practices among public and private healthcare workers regarding adverse events following immunization in Kolar, Karnataka | Mr. Sudarshan<br>Dr. Naresh Kumar S J            | UG student1<br>Comm.<br>Medicine2 | No<br>DMC/KLR/IEC/1<br>12/2015-16                                 |
| 8.  | Study on index of central obesity and glycemic control among type 2 diabetes mellitus patients   | Ms. Peruru Sarika<br>Dr. Madhavi Reddy           | UG student1<br>Medicine2          | Yes   |
| 9.  | Oxidative stress parameters, Diabetes status in squamous cell carcinomas of Oral cavity: A Rural Hospital study  | Ms. Harshitha Gowda<br>K.B Dr.<br>K.N.Shashidhar | UG student1<br>Biochemistry2      | Yes   |
| 10. | Correlation between microalbuminuria and glycosylated hemoglobin in patients with type-2 diabetes mellitus   | Ms. Shruthi Kare<br>Dr.Vishwanath Reddy          | UG student1<br>Medicine2          | Yes   |
| 11. | Screening for population susceptible to hepatitis among medical students   | Mr. Sri Hari Karthik<br>Ram<br>Dr. S. R. Prasad  | UG student1<br>Microbiology2      | Yes   |
| 12. | Pin tract infections: Incidence, causative organisms and their antibiogram a tertiary hospital   | Ms. Priyanka Rokkam<br>Dr. Anushka V<br>Devnikar | UG student1<br>Microbiology2      | Yes   |
| 13. | Musculoskeletal problems and quality of life among quarry workers in rural areas of southern Karnataka.  | Mr. Venkata Siva<br>Kusetty<br>Dr. Mahesh V      | UG student<br>Comm.<br>Medicine   | Yes<br>ICMR STS<br>Reference ID:<br>2016-04738                    |
| 14. | A cross sectional study to assess the awareness of toxic metals in coloring agents used in preparation of sweets among shopkeepers and consumers.                            | Mr. Santhosh R<br>Mr. Ravishankar.S              | UG student<br>Comm.<br>Medicine   | Yes<br>Reference ID:<br>2016-04279<br>DMC/KLR/IEC/1<br>38/2015-16 |
| 15. | Study of association fasting insulin level with cardiovascular risk factors in type 2 diabetic mellitus  | Ms. Monisha S<br>Dr. Prabhakar K                 | UG student<br>Medicine            | Yes   |
| 16. | Correlation between serum uric acid levels with estimated glomerular filtration rate in type 2 diabetes n rural tertiary care hospital                                       | Ms. Naga Bindu T<br>Dr. Srinivas S V             | UG student<br>Medicine            | Yes   |

|     |  |  |                                 |   |
|-----|--|--|---------------------------------|---|
| 17. | Study of correlation between glycemic status and related complications in type 2 diabetes mellitus in a rural tertiary care centre                                 | Ms. Monika Sakala<br>Dr. Lakshmaiah V            | UG student<br>Medicine          | Yes                                       |
| 18. | Knowledge about iron rich foods and its consumption pattern among adolescent girls in an urban slum of Kolar   | Mr. Mohan H D<br>Dr. Latha K                     | UG student<br>Comm.<br>Medicine | 2016-03726<br>DMC/KLR/IEC/1<br>44/2015-16 |
| 19. | Usefulness of shoulder strengthening exercises and Methylcobalamine in patients treated by nerve sparing neck dissection and radiotherapy for Head and Neck cancer | Ms. Mahnaaz Sultana<br>Azeem<br>Dr. Sagaya Raj A | UG student<br>ENT               | IEC No:149<br>24.01.2016                  |



**SRI DEVARAJ URS ACADEMY OF HIGHER  
EDUCATION**

**SRI DEVARAJ URS MEDICAL COLLEGE,  
TAMAKA, KOLAR-563101.**



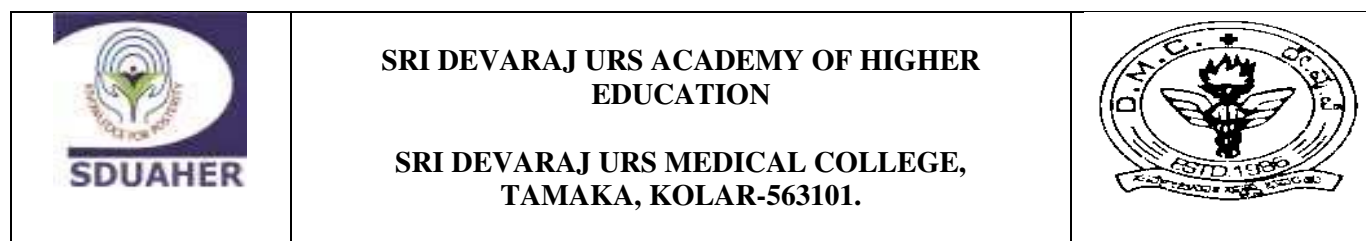
### PROJECTS COMPLETED – 2017

#### APPROVED -16

| Sl no | Title of the study  | Authors   | Department   | ICMR-STs approval<br>Yes/ No                        |
|-------|---|---|--|---|
| 1.    | Association of serum gamma glutamyl transferase with C reactive protein levels and lung function tests in chronic obstructive pulmonary disease | Ms. Smitha Menon1<br>Dr. Sumathi M E2<br>Dr. Geetha S3<br>Dr. Prabhakar K4<br>Dr. Shashidhar K N2 | UG student1<br>Biochemistry2<br>Physiology3<br>Medicine4 | No  |
| 2.    | Cytomorphometric analysis of exfoliative buccal cells in chronic tobacco chewers and oral buccal squamous cell carcinoma patients               | Mr. Sriram S Prasad1<br>Dr. T N Suresh2   | UG student1<br>Pathology2                                | Approved<br>IEC/106/2016-2017<br>ICMR NO-2017-00241 |
| 3.    | Knowledge attitude, practice and barriers towards research among medical students: A cross sectional questionnaire based survey                 | Ms. Srivani Pallamparthy<br>Dr. Asha B  | UG student<br>Pharmacology                               | No  |
| 4.    | Significance of copper, zinc, selenium and fluoride in cervical cancer  | Ms. Meghana G S1<br>Dr. Kalyanai R2<br>Dr. Sumathi M E3<br>Dr. Sheela S R4                        | UG student1<br>Pathology2<br>Biochemistry3<br>OBG4       | Approved<br>IEC/109/2016-2017. ICMR NO- 2017-00399  |

|     |   |  |  |   |
|-----|---|--|--|---|
| 5.  | Assessment of knowledge, attitude and practice patterns of mothers regarding gripe water use in infants                                       | Ms. Tandu Bonie<br>Dr. Bhuvana K   | UG Student<br>Pharmacology   | Yes<br>ICMR 2017-02642                                  |
| 6.  | Evaluation of Weekly Iron and Folic Acid Supplementation program for adolescent children attending government schools in urban slums of Kolar | Ms. S Sowmini<br>Bharathi<br>Dr. Latha K   | UG Student<br>Comm.<br>Medicine  | Yes<br>ID:<br>2017-01254<br>DMC/KLR/IEC<br>/116/2016-17 |
| 7.  | Role of nutrition education intervention in the progression of kidney disease wasting in rural hemodialysis patients                          | Ms. Monorika<br>Dr. Madhavi Reddy<br>P   | UG Student<br>Medicine   | Yes   |
| 8.  | Study of correlation of quality of life and vasomotor symptoms in premenopausal women   | Ms. Monissa S<br>Dr. Lakshmaiah V<br>Dr. Vennela<br>Devarapalli  | UG Student<br>Medicine   | Yes   |
| 9.  | Usefulness of Salivary Sialic acid as a Tumor marker in Tobacco chewers with Oral Cancer  | Ms. Mahnaaz<br>Sultana1 Azeem<br>Dr. Susanna T Y2<br>Dr. S M Azeem<br>Mohiyuddin3<br>Mr. Ravi Shankar4 | UG Student1<br>Biochemistry2<br>ENT3<br>Com.<br>Medicine4              | Yes<br>IEC No:127<br>21.01.2017                         |
| 10. | Study of insertion/deletion polymorphism of angiotensin converting enzyme gene in stroke patients   | Ms. Roshni<br>Shivram1<br>Dr. Raveesha2<br>Dr. Sharath B3<br>Dr. Suhas Aithal2                         | UG Student1<br>Medicine2<br>Cell Biology<br>and Molecular<br>Genetics3 | Yes   |
| 11. | Clinical microbial profile of diarrhea among children attending a tertiary care teaching hospital in rural Karnataka                          | Ms. Sushma M<br>Dr. Arvind Natarajan<br>Dr. Krishnappa J   | UG Student<br>Microbiology<br>Paediatrics                              | Yes   |
| 12. | Assessment of musculoskeletal problems among school children related to school bag weight in Southern Karnataka                               | Ms. Vijayasri<br>Dr. Naresh Kumar<br>SJ  | Comm.<br>Medicine<br>UG Student  | Yes<br>ID: 2017-01548<br>DMC/KLR/IEC<br>/134/2016-17    |
| 13. | Role of hyperlipidemia on the onset and severity of age related sensorineural hearing loss  | Mr. Vattikuti Harsha<br>Vardhan<br>Dr. Prashant Babu A   | UG Student<br>ENT  | Yes<br>IEC No:144<br>27.02.2017                         |
| 14. | Study of duration of exposure and pulmonary functions in plastic factory workers  | Mr. Sai Radhesh<br>Dr. Shobha M V<br>Dr. Jagadamba A   | UG Student<br>Physiology   | No  |
| 15. | Detection of liver fibrosis among Hepatitis B surface   | Ms. PragnayaSood<br>Dr. S R Prasad   | UG student<br>Microbiology   | Yes   |

|     |   |   |   |     |
|-----|---|---|---|-----|
|     | antigen (HBsAg) carriers from Kolar region by Aspartate aminotransferase-to-platelet ratio index (APRI)   |   |   |     |
| 16. | Comparative study of serum zinc and magnesium levels among patients of type 2 diabetes mellitus with and without retinopathy – A rural hospital study | Ms. Karen Mary John1<br>Dr. Prabhavathi K2<br>Dr. Kanthamani3<br>Dr. Raveesha A4<br>Mrs. Munilakshmi U2 | UG student1<br>Biochemistry2<br>Ophthalmology3<br>Medicine4 | Yes |





## PROJECTS IN- 2018

### APPROVED-09

| Sl no. | Title of the study  | Authors  | Department         | ICMR- STS approval | Date       |
|--------|---|--|--------------------|--------------------|------------|
| 1.     | Assessment of self-care practices among individuals with type 2 diabetes mellitus attending a tertiary care hospital in South India | Mr. Ajhay Srinivass C (UG Student), Dr. Sunil B N & Dr. Mahendra M | Community Medicine | (ICMR-STS Project) | 23-05-2018 |
| 2.     | Serum uric acid as a Prognostic marker in chronic obstructive pulmonary disease patients  | Dr. Anitha A, Miss. Shalini Singh (UG Student) & Dr. Sambasiva Rao | Medicine           | (ICMR-STS Project) | 23-05-2018 |
| 3.     | Perceived stress and its associated factors among diabetic patients receiving care from a   | Mr. M Gowshik Siddharthan, Dr. Mahendra M & Dr. Sunil B N          | Community Medicine | (ICMR-STS Project) | 23-05-2018 |

|    |  |  |                                      |                    |            |
|----|--|--|--------------------------------------|--------------------|------------|
|    | tertiary health centre in South India  |  |                                      |                    |            |
| 4. | Early diagnosis of Malaria by Quantitative Buffy Coast test (QBC) by using low cost technology in a rural set up                                   | Mr. Nagireddy Sreenath Reddy (UG), Dr. CSBR Prasad1  | Pathology                            | ICMR-STs Project   | 23-05-2018 |
| 5. | Influence of personality on academic stress among first year MBBS students in Medical College, Kolar - A cross sectional study (ICMR- STS Project) | Ms. Krithika Sakthivel (UG Student)<br>Dr. Ruth Sneha C<br>Dr. Mohan Reddy M                           | Psychiatry                           | (ICMR-STs Project) | 27-06-2018 |
| 6. | Significance of serum calcium and vitamin D in invasive squamous cell carcinoma of Cervix: A case control study                                    | Mr. Bejoi Mathew (UG Student), <u>Dr. Kalyani R</u> , Dr. Sumathi M E & Dr. S R Sheela                 | Pathology, Biochemistry & OBG        | (ICMR-STs Project) | 27-06-2018 |
| 7. | Accuracy Of Triple Test Score In Diagnosis Of Palpable Breast Mass In Rural Areas  | Ms.Jampala Chandini,<br>Dr.P.N.Sreeramulu,   | Surgery                              | (ICMR-STs Project) | 25-07-2018 |
| 8. | Emerging Hypervirulent klebsiella pneumoniae infections: clinical spectrum and antibiogram   | Ms. Somrita Das (UG Student), & Dr.Mamata Kale   | Microbiology                         | ICMR-STs Project   | 25-07-2018 |
| 9. | Diagnosis of helicobacter pylori by invasive test: By histology and serologically in calculus cholelithiasis                                       | Ms.Makthum Muvafikha. M.I. (UG Student),<br>Dr.Srinivasan1,<br>Dr.T.N.Suresh2 & Dr. Aravind Natarajan3 | Surgery1, Pathology2 & Microbiology3 | ICMR-STs Project   | 27-07-2018 |

|   |   |   |
|---|---|---|
|  | <b>SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION<br/>&amp; RESEARCH</b>   |  |
|   | <b>SRI DEVARAJ URS MEDICAL COLLEGE</b><br><b>Tamaka, Kolar - 563103</b><br><b>Department of Student Welfare</b> |   |



**PROJECTS IN – 2019**

**APPROVED - 07**

| Sl no | Project title with Institutional Ethics Committee (IEC) no.   | Student                        | Guide                               | Co-authors (if any)   | Approved by ICMR STS Yes/No |
|-------|---|--------------------------------|-------------------------------------|---|-----------------------------|
| 1.    | Assessment of Risk of developing Type 2 Diabetes Mellitus among Medical College Students at Kolar by using Indian Diabetes Risk Score | Ms. Menali Uthpala Dissanayake | Dr. Prabhavathi. K<br>Biochemistry  | Dr. Ravishankar. S  | Yes<br>STS 2019             |
| 2.    | Estimation of serum fluoride and renal parameters in diabetic nephropathy- A facility based observational case control study          | Mr. Pokuru Mohan Krishna       | Dr. Munilakshmi. U<br>Biochemistry  | Dr. Shashidhar K. N<br>Mrs.R. Sai Deepika<br>Mr. Bhuneshwar Yadav | Yes<br>STS 2019             |
| 3.    | Effect of peripheral neuropathy on efficiency of bimanual hand coordination in type 2 diabetic adults.                                | Mr. Taitiksh Jakhar            | Dr. Ashwini K. Shetty<br>Physiology | -   | Yes<br>STS 2019             |
| 4.    | Bacterial colonization in Intensive care unit environment & health care workers and its impact on hospital acquired infections        | Miss Kalyani                   | Dr Arvind N<br>Microbiology         | Dr. Suresh<br>Dr. Mahendra  | Yes<br>STS 2019             |
| 5.    | A cross sectional study of immune – inflammatory indices in smokers and non-smokers IEC/238/2018-2019                                 | Mr. Vidith bhargava            | Dr. Hemalatha. A<br>Pathology       |   | Yes<br>STS 2019             |
| 6.    | To evaluate efficacy of an environmental friendly enviro PAP & rapid , economical , acetic acid                                       | Ms. Nanda RL                   | Dr. Supreetha. MS<br>Pathology      |   | Yes<br>STS 2019             |

|    |   |                   |                       |             |              |
|----|---|-------------------|-----------------------|-------------|--------------|
|    | papanicoloau stain with conventional conventional papanicaloau stain in cervical cytology IEC/201/2018-19 |                   |                       |             |              |
| 7. | Role of D-dimer in diagnosis of acute coronary syndrome   | Ms.Priya Vashista | Dr.Geetha.S Pathology | Dr.Niranjan | Yes STS 2019 |



|   |   |   |
|---|---|---|
|  | <b>SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION<br/>&amp; RESEARCH</b>                                 |  |
|   | <b>SRI DEVARAJ URS MEDICAL COLLEGE</b><br><b>Tamaka, Kolar - 563103</b><br><b>Office of Principal</b> |   |

### Student Research projects 2020

Total projects approved -06

| Sl no | Project title<br>(Institutional Ethics Committee (IEC) no. if available)  | Student name & STS reference ID                       | Guide name with department       | Co-authors (if any) with department | Applied for ICMR STS Yes/No |
|-------|---|---|----------------------------------|-------------------------------------|-----------------------------|
| 1.    | Sarcopenia in type 2 diabetes mellitus (t2dm) and it's relation with glycaemic control  | Disha Pal<br><b>2020-08444</b>                        | Dr.Shobha.MV<br>Physiology       | Dr.Srinivas S.V.                    | Yes<br>Approved             |
| 2.    | The study of knowledge attitude practice about air pollution among the residents of Kolar town of south India.                              | Prashanth V<br><b>2020-06467</b>                      | Dr. Usha G Shenoy<br>Physiology  | -----                               | Yes<br>Approved             |
| 3.    | Assessment of quality of life in patients receiving multimodality treatment for locally advanced squamous cell carcinoma of the oral cavity | Ashwani Yadav<br><b>2020-00316</b>                    | Dr. Abhilasha Karunasagar        |                                     | Yes<br>Approved             |
| 4.    | Prediction of Internet Addiction among High School students of Southern India - A cross sectional study.                                    | Mr. Aaditya Ruvera.<br><b>2020 – 03283</b>            | Dr S J Naresh                    | Nil                                 | Yes<br>Approved             |
| 5.    | Socio demographic profile and pattern of congenital heart disease in referred children in a tertiary cardiac center- An observational study | Ms Hridaya Harikesh MBBS II year<br><b>2020-03990</b> | Dr. Sudha Reddy VR<br>Pediatrics |                                     | Yes<br>Approved             |
| 6.    | Stress, Depression and Coping in Tuberculosis patients - A Hospital based Cross Sectional Study. ( <b>Applied</b> )                         | Mr. Rajeev Harikrishna.<br><b>2020 – 03259</b>        | Dr Pradeep T S                   | Nil                                 | Yes<br>Approved             |

