

Department of Forensic Medicine

I. Contact Information of the Department

Department E-mail ID	forensic@sdumc.ac.in
Ext. No. HoD	114
Ext. No. Office	103
Ext. No. Mortuary	163
Ext. No. Medical Emergency	-

II. INTRODUCTION

Forensic medicine or State medicine deals with legal aspects of medicine. Indeed studying forensic medicine in a scientific manner could be a lot like reading Agatha Christie, or James Hadley Chase, but in a more scientific manner! But why should a medical doctor worry about crime in the first place? What relation does his profession have with crime? There are a host of criminal cases and saturations where the problem can only be solved through an intelligent application of medical principles. In fact this is what forensic medicine is all about

Forensic medicine department is a subject of high relevance, linking law and medicine. The department

Plays a crucial role in bringing to light, the facts of crime

Various divisions / sections under the dept.

Department of Forensic Medicine situated at ground floor of the College Building deals with medical aspects of law as well as legal aspects of medical practice. Mortuary, housed in a separate block of the hospital, comprises of adequate space with modern facilities for conducting postmortems.

Poison Detection Centre is started by the Department of Forensic Medicine The goals of the poison information service are to:

1. Provide expert, 24-hour assistance to the community of Kolar during possible poisoning emergencies.
2. Reduce the costs associated with poisoning by treating less severe exposures at home with Center guidance.
3. Train healthcare professionals in the field of clinical toxicology.
4. Expand knowledge in the field of clinical toxicology through an active research program.
5. Prevent poisonings through toxico surveillance, education, regulation, and collaboration with local agencies

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Clinical Forensic Medicine unit is functioning in the casualty where guidance is given in Medico-Legal cases.

Forensic Anthropology which has got a high potential and significance in examination and identification of the unknown.

Toxicology Lab is started to Provide individualized, accurate, relevant and unbiased information to consumers and healthcare professionals regarding medication-related inquiries.

When and What PG course / PhD / Fellowship were started in the dept.

Post Graduate course M.D (Forensic Medicine & Toxicology) was started in the year 2014 with annual intake of 2 seats

Various services offered by the dept.

The department of Forensic Medicine and toxicology is engaged in teaching Forensic Medicine, Ethics and Toxicology to the II MBBS students. They are also actively involved in teaching the postgraduates of various departments like Pathology, Surgery, Medicine in the mortuary which is considered as goldmine of knowledge.

Poison Information Centre gives accurate information to Doctors , Health professionals and public at large regarding the prophylaxis, management and treatment of poisoning cases

Instruments / Devices and Expertise worth mentioning

Department of Forensic Medicine was started in the year 1986. It was started by Dr B. C. Chandregowda who was the first Head of the department. He was instrumental in building the department. The museum was developed by him, is one of the best in the country. There is a vast collection of photographs, weapons, specimens etc., the museum is named after him as Dr B. C. Chandregowda museum.

View of the museum



View of the museum

Department of Forensic Medicine



Collection of Specimens



Mummified body

III. Vision & Mission Statement & Objectives of the Dept.

Vision of the Department

To be recognized for excellence in medico-legal education and to deliver next generation forensic medicine services to the society.

Mission of the Department

To equip medical students with legal aspects of medicine and application of the same during their practice.

Provide world class training to the Under-graduate, Post graduate students & Registered Medical Practitioners on Medico-legal issues and Medical Jurisprudence with emphasis on examination of a Medico-legal case; collection, preservation & dispatch of evidence and Medico-legal documentation.

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To provide comprehensive Forensic Medicine services to the people
To generate world-class research in the subject with beneficial practical outcomes

Objectives of the Department

1. Shoulder the responsibility of providing quality medico-legal care to the society, without infringing the virtuous medical ethics and medical code of conduct.
2. Acquire knowledge of law in relation to medical practice.
3. Make observations and infer conclusions by logical deduction.
4. To work hand-in-hand with the court system and other health agencies towards the overall goal of reducing social violence and other preventable injury, and to monitor the prevalence of conditions that threaten the safety and health of all our communities.
5. Facilitate the law enforcement agencies and the judiciary in criminal investigation and implementation of Justice.
6. To provide medico legal consultation round the clock to all public safety and public health request.

IV. Updated List of HoD's

Sn	Name	From	To
1	Dr B.C.Chandre Gowda	03-12-1990	31-12-1999
2	Dr T.S.Shivashankar	01-01-2000	01-04-2001
3	Dr D.B. Kulkarni	02-04-2001	07-05-2005
4	Dr J. Kiran	09-05-2005	Till date

V. Updated Faculty List as on the day of Submission

(Prof / Assoc Prof / Asst Prof / Lect / Sr. Resident / Tutor / PG cum Tutor / Jr. Res)

Sn	Name	Qualifications	Designation	Contact Address (of Kolar Only) Mobile/Ext Nos. / E-mail
1	Dr.J.Kiran	MBBS, MD	Professor & HOD	Flat No.1, I-Block Ground Floor, SDUMC, Tamaka, Kolar. Mob:9880277002
2	Dr.Umesh Babu.R	MBBS, MD	Professor	Flat No.4, K-Block Second Floor, Doctor's Quarters SDUMC, Tamaka, Kolar Mob:9986116341

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3	Dr. Ajay Kumar T.S	MBBS, MD	Asst. Professor	Flat No.G-3, K-Block Ground Floor, SDUMC Staff, Tamaka, Kolar Mob: 9379012233
4	Dr.Murali Mohan.M.C	MBBS, MD	Asst. Professor	Door No.4641/14, Anjani Extension (West), Chintamani. Mob:8147337436
5	Dr.Sindhuri	MBBS	Tutor	F6, K-Block Staff Quarters, SDUMC Campus, Tamaka Kolar. Mob: 9902544494
6	Dr.Usha Rani.C	MBBS	Tutor	Flat-5, K-Block First Floor, New Doctors Quarters, SDUMC, Tamaka, Kolar. Mob: 9902136464
7	Dr Rajkumar	MBBS	PG cum Tutor	S/O M N Gangadahariah, Chikkamaramma Temple Street, Malur Mob: 8892712458

VI. PROFILE OF FACULTY (Professors, Assoc. Prof, Asst. Prof)

Sn	Faculty	Contact Information (Tel. No. / E-mail)	Experience -No. of yrs of Teaching Experience	Areas of Interest in Teaching & Research	Additional Charge held
1	Dr.J.Kiran	Mob: 9880277002	20 Years 8 months	Clinical Forensic Medicine	Member – BOS, Academic Council, Staff Grievance redressal cell, disaster management committee.
2	Dr.Umesh Babu.R	Mob: 9986116341	8 Years 2 Months	Toxicology, Forensic Anthropology	Member – In charge - MRD, In charge - PDC.
3	Dr.Ajay Kumar T.S	Mob: 9379012233	3 Years 1 month	Forensic Anthropology	Member – BOS, Faculty of Medicine, Deputy warden – Men's hostel.

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4	Dr.Murali Mohan.M.C	Mob: 8147337436	1 Year	Toxicology	-Nil-
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VII. Research Publications of Faculty in the last five years 2010-14

Sn	Research paper title	Authors Names	Journal Details (In Vancouver Style Only)
1	Morphometric analysis of tricuspid valve: An Indian perspective	Dr Kalyani R, Dr Tej M J, Dr Prabhakar K, Dr Venkatesh T K, Dr Thomas A K, Dr Kiran J.	Journal of Natural Science, Biology and Medicine, vol 3, issue 2, 2012: 147 – 151.
2	Atherosclerosis in coronary artery and aorta in a semi urban population by applying modified American Heart association classification of atherosclerosis: An autopsy study	Dr Tej M J, Dr Kalyani R, Dr Kiran J	Journal of Cardiovascular Disease Research, Vol 3, issue 4, 2012: 265 – 271.
3	“Entomotoxicology”	Dr Dayananda R, Dr Kiran J.	International Journal of Medical Toxicology and Forensic Medicine, vol 3, issue 2, 2013: 71 – 74.
4	An autopsy and histopathological diagnosis of 28 cases of traumatic brain stem haemorrhages	Dr Vijay Kumar A G, Dr Ajay Kumar T S	Iranian J of Toxicology 2012,5(15) : 551-53
5	Is Serum Sialic Acid a marker of Alcohol Abuse?	Dr Umesh Babu R, Dr Prashanth Kumar B G.	Journal Of Indian Society of Toxicology, vol. 006, Issue 02, 2010 : 30-33
6	‘A Study on personal Identification by Lip print patterns in south Indian Population’	Umesh Babu R, Gurudatta S Pawar, Annie Verghese	Indian Journal Of Forensic Medicine And Toxicology, Jan-June 2011, Vol %, No 1, 82-84
7	Organophosphorus poisoning presenting as Pulmonary Thromboembolism,	Umesh babu R, Krishna Kumar B R, Harendra Kumar, Gayathri B N,	Medicolegal update, Jan- Jun, 2012, Vol.12, No.1,40- 41
8	Reconstruction of Femur length from its Fragments	Umesh Babu R, Roshni Sadashiv, Kiran J	Indian Journal of Forensic Medicine and Toxicology, July-December 2013, Vol 7, No 2, 168-171.

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9	Age estimation by Eruption and Apical foramina closure of Second premolar Teeth	Sunil Kumar S biradar, Umesh babu R, Gajanan H. Nayak, Smitha M,	Medicolegal update, 2012, Vol.12, No.1,120-122
10	Psychological autopsy	Dayananda R, Umesh Babu R	Indian Journal of Forensic Medicine and Toxicology, Jan-June 2014, Vol 8, No.1, 146-149.
11	Estimation of stature from dimensions of foot	Dayananda R, Umesh babu R, Kiran J	International journal of medical Toxicology and Forensic Medicine, 2014; 4(1); 1-5
12	A study of lip print patterns among people of Kerala	Dr.Annie Verghese, Dr M somashekhar, Dr Umesh babu R,	J Indian Academy Forensic Med, 2010, vol 32, No 1, 6-7.
13	Discrepant autopsy diagnosis of death due to Cerebral malaria	Biradar Sunilkumar S, Gayathri B N, Umesh Babu R	Indian Journal of Forensic Medicine and Toxicology, 2012, Vol 6, Issue 1, 123-124.
14	Death due to multiple wasp stings.	Dr Murali Mohan M C, Dr Pradeep Kumar M P, Dr Devadass P K.	Journal of South India Medico legal Association, Sept 2012; vol 4, No 2: 81-83.

VIII. Ongoing Research Projects by the Faculty

sn	Investigators Names (Principal Investigators Name First)	Project Title	Funded / Non-funded If funded, by which Agency
1	Dr. Umesh Babu R, Dr.Dayananda R, Dr.Kiran J. Dr. Ajay Kumar T S.	Sex determination from fragmentary remains of proximal and distal end of femur	Non-Funded
2	Dr. Umesh Babu R, Dr Suresh T.N. and Dr. Gayathri B N.	Prevalence of occult thyroid pathology at autopsy	Non-Funded
3	Dr Dayananda R, Dr Sangeeta, Dr Kiran J.	Sexual dimorphism in sacrum	Non-Funded
4	Dr Dayananda R, Dr Umesh Babu R and DrKiran J.	Estimation of stature from dimensions of foot.	Non-Funded
5	Dr.Ajay Kumar T S, Dr. Kiran J, Dr. Umesh Babu R. Dr. Dayananda R.	Sex determination by morphometric analysis of thyroid cartilage	Non-Funded

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6	Dr.Kiran J, Dr. Umesh Babu R, Dr.Dayananda R. Dr. Ajay Kumar T S.	Efficacy of lip prints in establishing the race of an individual.	Non-Funded
7	Dr.Kiran J ,Dr. Ajay Kumar T S, Dr. Umesh Babu R, Dr.Murali Mohan.M.C.	Estimation of time since death from Cardiac blood pH	Non-Funded
8	Dr. Ajay Kumar T S and Dr. Deepa C.	Sexual dimorphism of permanent molars among south Indian population	Non-Funded

IX. Ongoing PG (MD / MS) Dissertation Projects in the Department

sn	Dissertation title	Post Graduate Name	Guide Name & Designation
1	FUSION OF SKULL VAULT SUTURES IN RELATION TO AGE – A CROSS SECTIONAL POSTMORTEM STUDY DONE IN 3RD, 4TH & 5TH DECADES OF LIFE AT R.L.JALAPPA HOSPITAL AND RESEARCH CENTRE,KOLAR.KARNATAKA	Dr Raj Kumar.M.G	Dr Kiran. J Professor and HOD

X. CME / Workshop / Conferences Conducted by the Dept. in the year 2012 – 2014

Sn	Title of CME / Workshop / Conference	Date & Year Conducted	Whether National / State / Regional / Institutional level meet
1	. CME on the topic - "The utility of Poison Control Centre in the management of poison cases"	5 th June, 2012.	State
2	A CME was conducted on "TOXICOLOGY- act fast before poison acts" in association with Dept. of Emergency Medicine.	22 nd Feb, 2014	Regional