

INTRODUCTION OF FORENSIC MEDICINE & TOXICOLOGY DEPARTMENT

About the Department:-

Goal

The course in Forensic Medicine aims at producing a physician who is well informed about medico legal responsibilities in practice of medicine. She/he will also be capable of making observations and inferring conclusions by logical deductions to set enquiries on the right track in criminal matters and connected medico legal problems. She/he acquires knowledge of law in relation to medical practice, medical negligence and respect for codes of medical ethics.

Objectives

Knowledge

At the end of the course, the student should be able to

- Identify the basic medico legal aspects of hospital and general practice.
- Define the medico legal responsibilities of a general physician while rendering community service either in a rural primary health centre or an urban health centre.
- Appreciate the physician's responsibilities in criminal matters and respect for the codes of medical ethics.
- Diagnose, manage and identify the legal aspects of common, acute and chronic poisonings.
- Describe the medico legal aspects and findings of post-mortem examination in case of death due to common unnatural conditions & poisonings.
- Detect occupational and environmental poisoning, prevention and epidemiology of common poisoning and their legal aspects particularly pertaining to Workmen's Compensation Act.
- Describe the general principles of analytical toxicology.

Skills

At the end of the course, the student should be able to

- Make observations and logical inferences in order to initiate enquiries in criminal matters and medico legal problems.
- Diagnose and treat common emergencies in poisoning and manage chronic toxicity.
- Make observations and interpret findings at postmortem examination.
- Observe the principles of medical ethics in the practice of his profession.

Integration

Department shall provide an integrated approach towards allied disciplines including Pathology, Radiology, Forensic Sciences and Hospital Administration, to impart training regarding medico legal responsibilities of physicians at every level of health care. Integration with relevant disciplines such as medicine and pharmacology will provide scientific basis of clinical toxicology.

STAFF MEMBERS**LIST OF PRECEDING HEAD OF DEPT. OF F.M.T.**

SR. NO.	NAME OF THE HEAD OF DEPTS.	PERIOD	
		FROM	TO
1.	DR. V.L. DESHPANDE	1967	21.11.1993
2.	DR. S.A. SAMI	22.11.1993	31.7.2001
3.	DR. JINTURKAR A.D.	24.8.2001	16.7.2005
4.	DR. S.D. NANANDKAR	20.7.2002	16.7.2005
5.	DR. R.G. BHUSALE	17.7.2005	31.3.2009
6.	DR. KAILASH U. ZINE	1.4. 2009	TILL DATE

TEACHING FACULTY:-

Sr. No.	Name of faculty	Designation	Contact Number	E-mail Id
1	DR. KAILAS UKHARDAJI ZINE	PROFESSOR & H.O.D.	9130784168	kailashzine@gmail.com
2	DR. RAMESH NANAJI WASNIK	ASSOCIATE PROFESSOR	9225611484	rameshwasnik@rediffmail.com
3	DR. GANESH DHONDIRAJ NITURKAR	ASSOCIATE PROFESSOR	9699944211	niturkarg@gmail.com
4	DR. KAPILESHWAR MAGANLAL CHAUDHARI	ASSOCIATE PROFESSOR	9225765333	drkapilc@rediffmail.com
5	DR. RADHEY RAGHUNATHRAO KHETRE	ASSOCIATE PROFESSOR	9881777247	radheyakhetre@gmail.com
6	DR. MANOHAR KASHINATH SHELAKE	ASSISTANT PROFESSOR	9096274656	drmanu0389@gmail.com
7	DR. NITIN SUBHASH NINAL	ASSISTANT PROFESSOR	8888824099	drnitinninal@gmail.com
8	DR. SUNIL GORAKH VIDHATE	ASSISTANT PROFESSOR	9579199019, 9699742993	sunilvidhate95@gmail.com

RESIDENT /H.O.:-

SR. NO.	NAME	DESIGNATION	CONTACT NUMBER
1	DR. DNYANESH PATIL	JR-3	8308419002
2	DR. RIJI VINCENT T	JR-2	8943683858
3	DR. ARVIND HARBADE	JR-1	9822224766
4	DR. SAGAR PAWAR	H. O.	8390225522
5	DR. ARUNA JADHAV	H.O.	8788692370

NON TEACHING STAFF

Sr. No.	NAME	DESIGNATION	CONTACT NUMBER
1	SHRI. GANESH DAHALE	CLERK	9075109583
2	SHRI.TAREQ SAYD	LAB TECHNICIAN	8087881979
3	SHRI. DEEPAK HONMANE	LAB ASSISTANT	8408046315
4	SHRI.VINOD GAYAKWAD	LAB ATTENDENT	9923771380
5	SHRI.GULAB KHAN	TELEPHONE ATTENDANT	7709218786
6	MOHD. SHAFIQUE MOHD YUSUF	MORTUARY SERVANT	
7	SATISH SARJERAO WAGH	MORTUARY SERVANT	
8	LEKHRAJ KHALERIYA	MORTUARY SERVANT	
9	AJEEM SHAIKH	MORTUARY SERVANT	
10	VIJAY GHATE	MORTUARY SERVANT	
11	AIYYAS SHAIKH	MORTUARY SERVANT	

STUDENT & STAFF FACILITIES AVAILABLE

- Facilities for Student:
 1. Well equipped lecture-cum-demonstration & seminar rooms.
 2. Well equipped mortuary to learn post-mortem examination,
 3. Human bone-sets
 4. Well equipped forensic medicine museum
 5. Specimens displayed on special racks in groups along with catalogues
- Facilities for Staff:
 1. Separate cabins for Professor, Associate Professors & Assistant Professors.
 2. Separate cabins for PG students
 3. Departmental Library
 4. Separate cabin for Administrative Office
 5. Computers with internet connections

COURSES OFFERED with intake capacity

Sr.No	NAME OF COURSE	INTAKE CAPACITY
1	M.B.B.S.	200 annually
2	M.D. (FORENSIC MEDICINE)	3 annually

TEACHING AND LEARNING METHODS

Teaching Programme:-

A. Under graduate teaching:

I. II & III/I MBBS Students :- About 200 students per year.

II. Lectures:- in Forensic Pathology, Clinical Forensic Medicine & Forensic Toxicology –

III. Practical: – in Forensic Pathology, Clinical Forensic Medicine & Forensic Toxicology –

IV. Autopsy Demonstration

V. Court procedures: for interested students along with teachers.

Total Teaching Hours – 125 (including 40 hours of lectures, 10 hours of self-directed learning and 75 hours of small group learning/tutorials/ integrated teaching/ practicals)

B. Post graduate teaching:

The post graduate teaching and training programme for students consists of Autopsy techniques, recent advances in Forensic Medicine and Toxicology, Medicolegal case discussions and journal clubs as prescribed by MUHS, Nashik.

FACILITIES AND SPECIAL SERVICES OFFERED

1. Post Graduate (MD) and Under Graduate (MBBS) & interns training, Teaching
2. All MLC Post Mortems including exhumations.
3. Expert opinion to police/I.O, CID, etc.
4. Training to Medical officers & Police officers.
5. Expert opinion and assistance in Enquiry, Ethical and other Committees.
6. Issuing of Cause Death certificates and LIC form filling in Post Mortem cases.
7. Expert opinion in ante mortem medico-legal cases.
8. NHRC recognized centre for conducting autopsies related to violation of Human right cases for Aurangabad and surrounding 5 districts.
9. Medicolegal age estimation.
10. Examination of alleged accused in sexual offences.
11. Sample collection for DNA profiling.
12. The department has collaborations with Sports Authority of India (SAI) and various other regional and state level sporting bodies to establish age of sporting personnel.
13. Medicolegal Consultancy: to medical practitioners, lawyers and public as and when needed.

DEPARTMENTAL MUSEUM HIGHLIGHTS

- Well equipped and well arranged museum divided in various section like Poisons, Weapons, wet mounted specimens, Bones, X-ray films, Photographs, Wax models & Charts.
- Every year by adding the new specimens helps to increase the number of specimens.
- We also have 32 coloured catalogues which gives information about above mentioned articles.

Specimen

- About 129 mounted and 37 un-mounted wet specimen of different medicolegal importance available in department.

Poison

- More than 100 Poisons of different types are safely arranged in glass cupboards.
- Each poison has its own informative catalogue to help the student.

Weapons

- Different types of weapons arranged in glass cupboards.
- Their information is given in respective catalogue.

Bones

- Osteology, a separate section in museum having all bones of human skeleton of both sides.
- More than 150 bones are available in museum.

Charts & Slides

- There are 65 charts depicting various medico legal information.
- About 1000 slides of different medicolegal importance available in department.

X-Ray films & Photographs

- There is collection of more than 200 medico-legally important x- ray films & 148 photographs.

EQUIPMENTS & FACILITIES AVAILABLE AT MORTUARY

- Sufficient and Full filling MCI criteria to run Recognized UG and PG degree courses.
- Well equipped mortuary with 5 post mortem tables, illuminated magnifier, scrubber drier & Aerosol Disinfectant for fumigation.
- Doctors room with computer to issue computerized PM reports.
- Spacious Waiting hall having water cooler with purifier- for relatives of deceased.
- Cold Room facility to accommodate 25 dead bodies at a time.

LIST OF ESSENTIAL EQUIPMENTS

Sr. No.	Name of the instrument	Available
1	Organ weighing machine (Electronic)	1
2	Body weighing Machine	1
3	Steel tape roll	1
4	Vernier caliper (digital)	2
5	SS Autopsy Table (standard variety)	4
6	Autopsy styker saw with accessories	1
7	Bone dust collector	1
8	Hack saw	3
9	Dissection sets	2
10	Rib shears	1
11	Digital Camera SLR	1
12	Binocular research microscope	1
13	X - ray view box (2 in 1)	1
14	Stretcher trolley (SS made)	6
15	Water cooler with Aquaguard	1
16	Suction machine	2
17	Autopsy tissue processor (Histo-kinette)	1
18	Microtome with knife (Manual)	1
19	Hot Plate	1
20	Block making cassette Plastic	50
21	Slide warming table	1
22	Tissue Embedding mould SS	5
23	Slide warming cradle	1
24	Brain knife	4
25	Block holder	10
26	Glass cutting pencil	2
27	Refrigerator (180 litres)	1
28	Deep freezer (100 liters)	1

DEPARTMENTAL LIBRARY**List of books in Departmental Library**

SR.NO	Accession No./ Vol.no/ Issue No.	Author or title of book OR Name of the journal
1)	74	Grandwohls : clinical laboratory methods VOL-1
2)	75	Grandwohls : clinical laboratory methods VOL-2
3)	216	GRAYS Anatomy
4)	709	Camp:practical forensic medicine
5)	1086	Gordon : Medical jurisprudence
6)	1089	Simpson: forensic medicine
7)	1091	Ratanlal: criminal procedure code
8)	1092	Ratanlal: Indian penal code
9)	1137	Gonsalase : legal medicine
10)	1150	Saphir: Anatomy diagrams of techniques
11)	1240	Grevas: Lyon's Medical jurisprudence
12)	1261	Smith: Forensic Medicine
13)	1326	Davidson's :Forensic Psychiatry
14)	1398	Guttmachaii: Psychiatry and law
15)	2675	Kamath: Medical Jurisprudence
16)	3432	Mehta: Medical law and ethics in India
17)	3457	Pryce:Ross's Post mortem
18)	8625	Camp's: Gradwohl's Legal medicine
19)	12233	Moritz: Handbook of legal medicine
20)	12372	Thiena: Clinical Toxicology
21)	13051	Keith: Simpson: principles & medical jurisprudence
22)	13052	Keith: Simpson: principles & medical jurisprudence
23)	15633	Gresham: Atlas forensic pathology
24)	15924	Parikh's: Simplified textbook of medical jurisprudence
25)	16004	Modi: Medical jurisprudence
26)	16034	Rentall & Smith: Glaister's Jurisprudence
27)	17047	Polson: Essentials of forensic medicine
28)	17850	Camp's: Gradwohl's Legal medicine
29)	17864	Rezek: Autopsy pathology
30)	21746	Ludwig: Current methods of autopsy practice
31)	22016	Marfaha: Psychiatry and law
32)	22019	Culling: handbook of histopathology techniques
33)	22682	Mams: Doctor patient and law
34)	22515	Spltz& Fisher: Medicolegal investigations of death
35)	22517	William : Forensic Anthropology
36)	22519	Snyder: Homicide investigation
37)	22520	Adelson: Pathology of homicide
38)	20045	Rantaul: Medical jurisprudence
39)	21281	Gee: Lecture notes on forensic medicine
40)	22854	Tedesechi: Forensic medicine VOL-1

41)	22855	Tedesechi: Forensic medicine VOL-2
42)	22856	Tedesechi: Forensic medicine VOL-3
43)	23671	William : medicolegal psychiatry
44)	23847	Oliver: forensic medicine
45)	23824	Cloffond: Psychology person identification
46)	23758	Curzon: Jurisprudence
47)	23854	Simpson: forensic medicine
48)	23860	Emerson: Measurement of breath alcohol
49)	23973	Knight: Lawyers guide forensic medicine
50)	4921	Ratanlal: Law of evidence
51)	31287	Keith Taylor: Principles and practice of medical jurisprudence
52)	31285	Krogman: Human skeleton in forensic medicine
53)	31313	Goodman and gilmans
54)	31316	Goodman and gilmans
55)	26891	Mant: Taylors Principles and practice of Medical Jurisprudence
56)	26892	Mant: Taylors Principles and practice of Medical Jurisprudence
57)	27310	Gupta: Modern toxicology Vol 1
58)	27311	Gupta: Modern toxicology Vol 2
59)	27312	Gupta: Modern toxicology Vol 3
60)	27290	Kadish: Encyclopedia Crime and Justice Vol 1
61)	27291	Kadish: Encyclopedia Crime and Justice Vol 2
62)	27292	Kadish: Encyclopedia Crime and Justice Vol 3
63)	27293	Kadish: Encyclopedia Crime and Justice Vol 4
64)	28214	Hibbard: Forensic Hypnosis
65)	28271	Pagelow: woman Battering
66)	28272	Sanders: rape and woman's identity
67)	28273	Westons: Clinical Investigation
68)	28274	Haward: forensic Psychology
69)	28276	Guharaj: Forensic Medicine
70)	28293	Simpsons: Forensic Medicine
71)	27298	Mant: Taylors Principles and practice of Medical Jurisprudence
72)	27380	Haddad: Clinical management of poisoning and drug overdose
73)	27815	Eekert Introduction Forensic Sciences
74)	27849	Eekert Introduction Forensic Sciences
75)	37185	Flomerbaun Goldfranks Toxicologic emergencies
76)	37187	Klassen Cascarett Essentials of toxicology
77)	33341	Hazelwood practical aspects of rape investigation
78)	33466	Pillay: Modern medical Toxicology
79)	33498	Cotton Hospital Autopsy
80)	25751	Harper Biochemistry
81)	26872	Chaurasia Human Anatomy Vol II
82)	29205	Chaurasia Human Anatomy Vol I
83)	26888	Chaurasia Human Anatomy Vol III
84)	30909	Park PSM
85)	31269	Satoskar Pharmacology Vol II
86)	31321	Satoskar Pharmacology Vol I

87)	31333	Anantanarayan Microbiology
88)	33985	Kay H.B Of Emergency Toxicology
89)	33897	Perper Microscopic diagnosis Forensic Medicine
90)	33898	Reikh Forensic osteology
91)	33899	Adelson the pathology of homicide
92)	33900	Rogers testimony of teeth
93)	33903	Bernett: the field guide for human skeletal identification
94)	32006	Bancroft: Histological technique
95)	33901	Curry poison detection human
96)	35057	Goldfranks Toxicologic Emergencies
97)	28213	Polson: Essentials Forensic medicine
98)	31/3	Forensic Science International July 86
99)	32/1	Forensic Science International Sept 86
100)	19/3	Forensic Science International June 82
101)	31/2	Forensic Science International June 86
102)	31/4	Forensic Science International July 86
103)	31/1	Forensic Science International May 86
104)	32/3	Forensic Science International Nov 86
105)	31/3	Forensic Science International July
106)	32/1	Forensic Science International Aug/sep
107)	32/3	Forensic Science International Nov
108)	31/1	Forensic Science International May
109)	31/4	Forensic Science International July
110)	31/2	Forensic Science International June
111)	19/3	Forensic Science International May/ June 82
112)	16/3	American Journal of Forensic Medicine
113)	15/2	American Journal of Forensic Medicine
114)	36202	Reddy FMT
115)	35896	Parikh FMT
116)	29233	Parikh FMT
117)	30894	Reddy FMT
118)	37189	Vij textbook of fmt
119)	26751	Parikh: FMT 1985
120)	26752	Parikh: FMT 1985
121)	26753	Parikh: FMT 1985
122)	30895	Parikh FMT
123)	2495	Bournwaile: French's index to differential diagnosis
124)	37186	Kiely Forensic Evidence Science
125)	33467	Mestri Manual of forensic medicine for doctor
126)	20183	Parikh: textbook of medical jurisprudence

PUBLICATIONS AUTHORED BY DEPARTMENTAL FACULTY

PUBLICATIONS BY DR. K. U. ZINE, PROFESSOR & H.O.D.	State/National / International Journal
1. Pattern of Acute Poisoning at Indira Gandhi Medical College and Hospital, Nagpur. – JIAFM, 1998, 20(2), 37-39.	National
2. Study of Some Socio-etiological Aspects of Unnatural Female Deaths at Govt Medical College Aurangabad. JIAFM, 2009, 31(3) 210-217.	National
3. Injury to Pericardium to Relieve Pain. Case Report – JIAFM, 2009, 31(4), 385-386.	National
4. Accidental Ligature Strangulation with Avulsion of Scalp Case Report. J Indian Acad Forensic Med. 2011,33(3) 267	National
5. Medico-legal study of Hanging and Strangulation- MJDYPU, 2008, Vol.3, 22-27	National
6. Medico-Legal Study of Cases of Death Due to Electrocution in and Around GMC Aurangabad Medico-Legal Update. 2011, 11(2) 53- 55	International
7. Medico-Legal Study of Homicide in and Around GMC Aurangabad- Medico-Legal Update 2011, 11(2): 56- 58	International
8. Sudden Death Or Suicidal Drowning: A Case Report –Journal of Forensic Medicine, Science and Law. 2011;20(1) 32 -33	National
9. Study of Deaths in Industrial Areas around Aurangabad City- JIAFM, 2012, 34(2), 111-113.	National
10. Study of sudden natural deaths in medico-legal autopsies with special reference to cardiac causes. <i>International Journal of Current Research and Review</i> . 2013; 5(3): 37-42.	International
11. Homicidal Insecticide Poisoning in Human Sacrifice Proved on Exhumation. <i>Journal of the Indian Society of Toxicology</i> . 2014; 10(01): 45-48.	National
12. Limitations in autopsy diagnosis of fatal pulmonary thromboembolism in Indian setup. <i>Journal of Forensic Medicine, Science and Law</i> . 2013;22(2).	National
13. Myocardial infarction and concurrent chest injuries: Two case reports. <i>Forensic Science International</i> . 2012; 217: e1–e3	International
14. Postmortem Vitreous Glucose Estimation in Suicidal Insulin Overdose: A Case Report and Review of Literature. <i>Journal of the Indian Society of Toxicology</i> . 2012; 8(2): 45-6.	National
15. Electrocution method to conceal homicide: a rare case report. JIAFM, 2012, 34(1), 92-94.	National
16. Study of sudden natural deaths in medico-legal autopsies with special reference to cardiac causes. <i>International Journal of Current Research and Review</i> . 2013; 5(3): 37-42.	International
17. Homicidal Insecticide Poisoning in Human Sacrifice Proved on Exhumation. <i>Journal of the Indian Society of Toxicology</i> . 2014; 10(01): 45-48.	National
18. Newborn infanticide within hospital premise: An unusual case report. JIAFM, 2014, 36(2), 220-222.	National

19. Homicide disguised by suicide: a rare case report. JIAFM, 2015, 37(2), 212-214.	National
20. Non vehicular homicides masqueraded as road traffic accidents. Medico-Legal journal. Part one -2016; vol.84: 28-30	International
21. Undiagnosed case of rupture of dissecting aneurysm of aorta. Journal of forensic medicine, science and law; Vol. 22, number 2; July-dec 2013	National
22. A Conflicting case of strangulation : case report. Journal of forensic medicine, science and law; Vol. 23, number 1; Jan-june 2014	National
23. Bear bite: a case report. Journal of forensic medicine, science and law; Vol. 23, number 2; July-dec 2014	National
24. Homicide disguised as accident. Journal of forensic medicine, science and law; Vol. 22, number 1; Jan-jun 2013	National
25. Course of near-hanging victims succumbed to death: a seven year study. Journal of Clinical and diagnostic research; Vol. 9, number 3; HC01-HC03; march 2015; forensic section	International
26. Study of trends of burn deaths at Aurangabad region in India. Scholars journal of applied medical sciences 2015; 3(5C); 2013-2018	International
27. An Unusual Fatal Crushing of Worker in Paddle Mixer of Chemical Fertilizer Manufacturing Industrial Unit. Journal of Forensic Medicine, Science and Law, Vol 24, Number 2, (July-Dec 2015)	National
28. Study of pre-school children deaths: An autopsy study. Journal of Forensic Medicine, Science and Law. 2016;25(1).	National
29. A rare case of fatal suicidal cut throat injury:- a case report. Journal of Forensic Medicine, Science and Law. 2016;25(1).	National
30. Case report: a rare case of homicide by dual method- strangulation with cut throat. Accepted for publication on 26/4/2016 in International journal of medical toxicology and forensic medicine.	International
31. A sixteen year retrospective study of custodial deaths in marathwada region of Maharashtra, India. Medicolegal update, july- dec 2016, vol. 16 no. 2 p 63-68	International
32. Stature estimation using foot length and BMI among students at a tertiary health care center in Maharashtra, India. J Indian Acad Forensic Med. 2020 Oct-Dec; 42(4): 247-250.	International
33. Froth in nose and mouth as an antemortem sign in hanging: an observational study, JKAMLS VOL 29(1) JAN-JUN 2020, 16-20.	National

PUBLICATIONS BY DR. R.N. WASNIK, ASSOCIATE PROFESSOR

1.	Trends of unnatural deaths in Nagpur, India. Medicolegal update- An international journal, July-Dec 2011, vol. 11, no.2, p 121-124.	International
2.	Analysis of fatal road traffic accidents in Nagpur (Maharashtra). Medicolegal update- An international journal, Jan-Jun 2012, vol. 12, no.1, p 68-70.	International
3.	A two-year prospective study of the estimation of foetal age from centres of ossification by radiography and autopsy. Medicolegal update- An international journal, July-Dec 2011, vol. 12, no.2, p 139-143.	International
4.	Foot length and hand length: most reliable parameters to estimate the gestational age. Medicolegal update- An international journal, , Jan-Jun 2014, vol. 14, issue 1, p 144-150	International
5.	Estimation of gestational age using crown heel length and crown rump length in India. International J. of Healthcare & Biomedical Research ,Volume : 2, Issue:1, October 2013, Pages 12-20.	International

6	A sixteen year retrospective study of custodial deaths in Marathwada region of Maharashtra, India. Medicolegal update- An international journal, , July- Dec 2016, vol. 16, No. 2, p 63-68.	International
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7	Case report: A rare case of homicide by dual method – strangulation with cut throat. Accepted for publication in International Journal Of Medical Toxicology & Forensic Medicine, Date of acceptance- 26-04-2016.	International
8	A two years study of suicidal deaths in Nagpur, Central India. Indian Journal of Forensic Medicine & Toxicology, Jan- July 2012, vol.6, issue 1, p 86-88	National
9	Analysis of Railway Fatalities in Central India. Journal of Indian Academy of Forensic Medicine, 2010, 32(4), ISSN 0971-0973,p 311-314.	National
10	Case Report: An Unusual Fatal Crushing of Worker in a Pedal Mixer of Chemical Fertilizer Manufacturing Industrial Unit. Journal of forensic medicine, science & law, July- Dec 2015, vol.24, No. 2.	National
11	Death due to Gagging by an Onion: A case reports. Journal of Forensic Medicine, Science and Law 2016; 25(1).	National
PUBLICATIONS BY DR. KAPILESHWAR M. CHAUDHARI, ASSOCIATE PROFESSOR		
01	Histopathology Findings of Asphyxia in Lungs of Hanging and Drowning Deaths; Medico Legal Update; Volume 16, Number 01, Jan June 2016, 138-142.	International
02	Profile of various thermal injury deaths across the three genders in North Maharashtra; Medico Legal Update; Volume 18, Number 02, July-Dec 2018, 71-76.	International
03	Retrospective analysis of female unnatural deaths due to thermal injuries; Indian Journal of Forensic Medicine and Toxicology; Volume 12, Number 4, October-December 2018, 29-33.	International
04	Analysis of custodial Death - 4yrs Retrospective study; Indian Journal of Forensic Medicine and Toxicology; Volume 16, Number 01, Jan-June 2016, 24-28.	International
05	Visit to a scene of crime to determine manner of death; Medico Legal Update; Medico Legal Update; Volume 17, Number 02, July-Dec 2017, 192-196.	International
06	Age determination of prostitute women by radiological investigation; Indian Journal of Forensic Medicine and Toxicology; Volume 13, Number 1, January-March 2019, 40-45.	International
07	Unnatural deaths in police lockup/prison of North Maharashtra region: A 15 years retrospective study; Indian Journal of Forensic Medicine and Toxicology; Volume 10, Number 01, Jan-June 2016.	International
08	Death following consumption of ethyl alcohol in police custody; Journal of Indian Society of Toxicology; Volume 11, Issue 02, July-Dec 2015.	National

PUBLICATIONS BY DR. G.D. NITURKAR, ASSOCIATE PROFESSOR		
1	Honour Killing- A Case Report And Review.Journal Of Karnataka Medico Legal Society,Vol 24 No 2,July –Dec,2015,page 40-45; ISSN 0972-0839	National
2	Rape Homicides Involving Children.Journal Of Karnataka Medico Legal Society,Vol 24 No 2,July -Dec2015,page 4--8; ISSN 0972-0839	National
3	Perceiving Mental Health, Substance Abuse And Sexuality In Adolescence And Young.National Journal Of Homeopathy,Vol 16, No 5,Issue 176, May 2014 page 16-20; ISSN 0971-3247	National
4	Visit To The Scene Of Crime. Journal Of Forensic Medicine Science And Law,Accepted For Publication	National
5	Significance Of Meticulous Medico-Legal Autopsy. Journal Of Forensic Medicine Science And Law, Accepted For Publication.	National
PUBLICATIONS BY DR. MANOHAR SHELAKHE, ASSISTANT PROFESSOR		
1	Unplanned Complex Suicide; Indian Journal of Forensic Medicine and Pathology; Volume 8 Number 2, April-June 2015.	International
2	Determination of Sex from Index and ring finger ratio in neonates; Journal of Indian Academy of Forensic Medicine; Issuer no.37, Vol.IV (oct-Dec 2015), ISSN:0971-0973.	National
3	Study of referral cases of autopsy coming to tertiary center- Analysis of events; Med-pulse International Journal of Forensic Medicine; Volume-9(2); Jan to March2019; ISSN;2636-4735.	International
PUBLICATION BY DR. S.G. VIDHATE, ASSISTANT PROFESSOR		
1	A planned complex suicide: Cut injury to the wrist with corrosive acid poisoning. Egyptian Journal of Forensic Sciences, ISSN: 2090-536X. Article in press.	International
2	Death of a pedestrian due to fatal scrotal trauma. IJMTFM. 2016;6(2):108-11.	International
3	Fabricated or assault wounds: A scientific approach. IJMTFM. 2016;6(3):167-70.	International
4	Massive subcutaneous emphysema, pneumothorax and pneumoscrotum: Diagnostic dilemma on autopsy. IJMTFM. 2016;2016;6(3): 184-7.	International
5	A rare case of webbed penis in an alleged accused of sexual assault. IJMTFM. 2016;6(2): 116-9.	International
6	Rupture of Heart in a Cannabis Addict- An autopsy case. IJMTFM, eISSN: 2251-8770, ISSN Print:2251-8762, Article in press.	International
7	An atypical case of suicidal cut throat injury. Egyptian Journal of Forensic Sciences, ISSN: 2090-536X. Article in press.	International
8	A study of female deaths due to thermal burns at a tertiary care centre in Mumbai, India. Sch. J. App. Med. Sci., 2016; 4 (12B): 4279-4284.	International
9	Sudden death due to lethal strangulation of heart by congenital partial pericardium. EJFS. 2016. Article in press.	International
PUBLICATION BY DR. NITIN S. NINAL, ASSISTANT PROFESSOR		
1	Analysis of Tattoos In An Autopsy Population – A Two Year Study; Journal of Indian Academy of Forensic Medicine; Oct - Dec. 2020, Vol 42 Issue 4	National

2	Hanging In Custodial Setup – A 10 Year Analytical Study; Journal of Forensic Medicine Science and Law; Jan - Jun. 2019, Vol 28 Issue 1.	National
3	Autopsy Diagnosis of Pheochromocytoma – A Rare Case Report; Journal of South Indian Medico-Legal Association; March 2018, Vol 10 Issue 1.	Regional
4	Unknown and Unclaimed Descendents – A Silent Mass Disaster; The Indian Journal of Forensic Medicine and Pathology; Jan - Mar. 2017, Vol 10 Issue 1	International
5	Adipocere Formation - Revisited: A Three Year Study; Journal of Indian Academy of Forensic Medicine; April - June. 2017, Vol 39 Issue 2	National

CONFERENCES AND WORKSHOPS/CME ORGANIZED

1. 1st conference of Medicolegal Association of Maharashtra (MLAM) was organized by this Department.
2. JURISCON state level conference of Doctors, Forensic Science experts Lawyers and Police Officers was organized in 2004.
3. Training program in medicolegal work for medical officers in service of government of Maharashtra conducted from 13th May 2013 to 17th May 2013, in implementation of its scheme of NATIONAL RURAL HEALTH MISSION, in collaboration with UNFPA.
4. XVIII Annual Conference of Medicolegal Association of Maharashtra (Theme – Up-gradation of medico legal services) was conducted on dated 14th& 15th February, 2015.

CREDITABLE ACHIEVEMENTS

1. **Disasters Managed:** Team of doctors was specially sent to perform exhumations at Digras, Tahsil- Basmat, Dist- Parbhani.
2. Lectures are delivered for Police authorities and Medical Officers from health service whenever asked for.
3. This Department caters medico-legal services to public mainly post mortems, ante mortem services are offered in complicated cases.

OTHER INFORMATION

Post-mortems conducted by department.

Year	2008	2009	2010	2011	2012	2013	2014	2015	2016
No. of P.M.	1916	2088	2363	2420	2490	2314	2586	2515	2534
Year	2017	2018	2019	2020					
No. of P.M.	2570	2816	2721	2329					

FUTURE PLANS

- 1. To establish medicolegal institute.**
- 2. To establish poison information center.**
- 3. To establish an unnatural disaster management unit.**
- 4. To establish Analytical toxicology laboratory for rapid identification of common poisons.**
- 5. To establish Death and dead information center.**
- 6. To establish Sexual offence counseling center with the help of NGO.**
- 7. To establish Forensic photography center.**

CONTACT DETAILS

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