

DEPARTMENT OF FORENSIC MEDICINE VNGMC, YAVATMAL

1) ABOUT THE DEPARTMENT

About the Dept

Dept of forensic medicine was started in year 1989 along with inception of medical college yavatmal .Initially it was in primitive stage where only UG teaching was carried out & PM / Autopsy was under RMO side where CMO used to carry out the Autopsy.Dept of forensic medicine Yavatmal received valuable guidance from our great teachers and mentor Dr Mohanty sir ,Dr Anand Dongre sir, Dr Gupta sir & Dr Keoliya sir who has developed this Dept to present status.

In year 1999 post-graduation in Forensic Medicine which was the first dept to start PG in VNGMC Yavatmal.

Museum at our dept is one of the best in Maharashtra having all specimens classified system wise with medico legal aspect, well maintained photography unit & toxicological specimens. Library at our dept has 200 books with 125 reference books; we have 8 regularly receiving national & international Journals. We have good collection of poisonous & non-poisonous snakes. Dept is laced with internet facilities with Wi-Fi connection to all. Till date dept has produced 8 Post Graduate students.

2) NAMES OF PREVIOUS HODs.

NAME	FROM	TO
1. DR.A.P.DONGRE	29/08/1991	11/06/1995
2. DR.A.C.MOHANTY	12/06/1995	31/01/1998
3. DR.S.S.GUPTA	01/02/1998	31/05/1998
4. DR.A.P.DONGRE	01/06/1998	20/07/2002
5. DR.A.N.KEOLIYA	20/07/2002	01/08/2009
6. DR. A K. BATRA	01/08/2009	01/07/2011
7. DR M B SHRIGIRIWAR	01/07/2011	Till date

2) NAMES OF FACULTY MEMBERS



Dr.M. B. SHRIGIRIWAR (Prof. & Head)



DR. A K BATRA (Associate Prof)



DR. S G DHAWANE (Associate Prof)



MAJOR DR S V KUCHEWAR (Assistant Prof)



D) DR. R D MESHARAM (Assistant Prof)



E) DR .S J GADGE (Assistant Prof)

4) STUDENT AND STAFF FACILITIES

PG PASSED OUT

- A) DR M.N PAWAR
- B) DR A.P MALANI
- C) DR H. G KUKADE
- D) DR D.V KOLPE
- E) DR R.B DEOKAR
- F) DR A. B SHINDE
- G) DR R M TANDALE
- H) DR S H BHOSLE

PG STUDENTS IN THE DEPT

- A) DR N S BARMATE
- B) DR R K KHETRE
- C) DR T O PADOLE

5) SERVICES PROVIDED

UG & PG teaching
MEDICO-LEGAL WORK IN RELATION TO AGE, INJURY, SNAKE EXAMINATION,
EXPERT OPINION
AUTOPSY EXAMINATION
INTERN TRAINING
BPMT TEACHING
POLICE TRAINING AS & WHEN REQUIRED
JUDICIAL OFFICIAL TRAINING

6) EQUIPMENT AVAILABLE**LIST OF MORTUARY EQUIPMENTS**

Sr.	Name of Equipments	Quantity
01.	Mortuary Cabinet with 2 Cooling Units	01 Nos.
02.	Shadow less Lamp (Satellite, Dome type, Phillips Make)	01 Nos.
03.	Shadow less Lamp (Portable)	01 Nos.
04.	Post Mortem Instrument Dissection Set with Brain knife	08 Nos.
05.	Electric Saw	01 Nos.
06.	Organ weighing Machine (Capacity 05 Kgs.)	01 Nos.

07. Mobile X-Ray Machine	01 Nos.
08. Instrument Trolley	01 Nos.
09. Weighing Machine for dead bodies (Capacity 300 Kgs.)	01 Nos.
10. Dust Bin, Stainless Steel	01 Nos.
11. Autopsy Table	03 Nos.
12. Dead Body Weighing Machine	01 Nos.

LIST OF IMPORTANT FUNCTIONAL EQUIPMENTS IN THE LABORATORY

Sr.No.	Name of Equipments	Quantity
01.	Research Binocular Microscope	02 Nos.
02.	Electric Weighing Scale, (Capacity 05 kgs.)	01 Nos.
03.	Spectrophotometer	01 Nos.
04.	35 mm. SLR Camera with lenses, flash Gun.	01 Nos.
05.	Rotary Microtome	01 Nos.
06.	Single Pan Balance	01 Nos.
07.	Referigerator (Capacity 300 Ltrs.)	01 Nos.
08.	Cease Fire- Extinguisher	01 Nos.
09.	Digital Water Bath.	01 Nos.
10.	Centrifuge Machine	01 Nos.
11.	Automatic Tissue processor	01 Nos..
12.	L.P.Gas Stove	01 Nos.
13.	Anthropometric Instrument Set	01 Nos.
14.	Digital pH Meter	01 Nos.
15.	X-Ray Viewing Box	06 Nos.

16.	Digital Handy cam (Sony make)	01 Nos.
17.	Zenith Computer with printer & Accessories With Internet connection	01 Nos.
18.	Flame Photometer	01 Nos.
19.	Horizontal Flask Shaker	01 Nos.
20.	In Focus In 2104 Multimedia Projector	01 Nos.

LIST OF RESEARCH LABORATORY EQUIPMENTS

<i>Sr.No.</i>	<i>Name of Equipments</i>	<i>Quantity</i>
01.	Binocular Microscope	02 Nos.
02.	Electric Weighing Scale, (Capacity 05 Kgs.)	01 Nos.
03.	Spectrophotometer	01 Nos.
04.	35 mm SLR Camera with Lenses & Flash Gun	01 Nos.
05.	Rotary Microtome	01 Nos.
06.	Single Pan Balance	01 Nos.
07.	Refrigerator (Capacity 300 Ltrs.)	01 Nos.
08.	Cease Fire	01 Nos.
09.	Centrifuge Machine	01 Nos.
10.	Water Bath (Digital)	01 Nos.
11.	Digital pH meters	01 Nos.

PUBLICATIONS OF THE DEPARTMENT

c). List of publication of the post graduate faculty during last three years

By Dr. M. B. Shrigiriwar

- 1) Electrocution: a six year study of electrical fatalities.
Dr Shrigiriwar MB, Dr. Bardale RV, Dr. Dixit PG.

Journal of Indian academy of forensic medicine vol. 29, no 2, April-June 2007, 50- 53.

- 2) Killer bee: a case report of fatalities due to honey bees stinging.
Dr Shrigiriwar MB, Dr. Bardale RV.

Published in Journal of forensic medicine and toxicology, India. May 2008.

- 3) Rigor Mortis: A criteria for estimation of time since death
Dr. M. D. Dake, Dr. M. B. Shrigiriwar, Dr. A. N. Keoliya.
Scientific paper presented in XXXI Annual National Conference of
Indian Academy of Forensic Medicine held at Bhopal on 6, 7 and 8th
Feb - 2010.
- 4) Fatal multiple painless intussusceptions – a case report
Dr. N. K.Tumram, Dr. R .V. Bardale, Dr. M.B.Shirigiriwar
Journal of Indian Academy of forensic Medicine, Vol.32 (2), 2010.
- 5) Fatal cardiogenic shock after electroconvulsive therapy: - a case report
Dr. Manish .B.Shrigiriwar, Dr. Rajesh.V.Bardale
Medico legal Update, Volume 11, No.1, 2011
- 6) Death due to sickle cell anemia –an autopsy diagnosis
Dr. M.B. Shrigiriwar, Dr. P.S. Ghormade, Dr. C.V. Tingne
Scientific Paper presented in XXXII Annual National Conference of
Indian Academy of Forensic Medicine held at Nellore, A.P. On Jan- 2011.
- 7) Medical examination of accused of alleged rape cases: - prospective Study
Dr. M.B. Shrigiriwar, Dr. S. S. Shinge
Scientific Paper presented in XXXII Annual National Conference of
Indian Academy of Forensic Medicine held at Nellore, A.P. On Jan-2011.
- 8) A study of lightening injuries
Dr. M.B. Shrigiriwar, Dr. R.K.Gadhari
Scientific Paper presented in XXXII Annual National Conference of
Indian Academy of Forensic Medicine held at Nellore, A.P. On Jan-2011.

By Dr. A. K. Batra

- 1) A study of human organ weights from persons who died of unnatural Deaths in Yavatmal District of Maharashtra.” published in journal of Medico legal Association of Maharashtra, Bombay Vol.13 a-, Dec.2001 Page 22-28
- 2) A study of organ weights from persons who died in accidents in Nagpur District of Maharashtra State, published in JFMT, Vol.19 Jan. 2002 Page.20-23

- 3) A study of the Status of the Medical Witnesses in Indian Law Judgments, published in JFMT, Vol.19 (I) Jan-June Page 1-4
- 4) The importance of the inquest in Police custody deaths in India Presented in statedmed-2002, XII Annual conference of Medico legal Association of Maharashtra, April 2002, Bombay
- 5) A preliminary analysis of medico legal autopsies performed over five years in a rural health district of Maharashtra, published in International Journal of Medical Toxicology and legal Medicine, Vol.5(I), July-Dec.2002 Page-12-17.
- 6) Foot of the foetus in estimation of IV age The importance of its length, Creases, nails and ossification enters reconsidered, co-author, published in International Journal of Medical Toxicology and legal Medicine, Vol.5 (I) July-Dec.2002, Page 18-23.
- 7) A study of organ and body weights in PM cases done in Mortuary of Yavatmal during six months w.e.f. 1-9-96 to 28-2-96, presented before the staff Research Society, VNGMCH, Yavatmal on 30.07.1997
- 8) Season and suicide in Rural India, Accepted by Forensic Science International, USA
- 9) Burn mortality- recent trends and sociocultural determinants in Rural India, Accepted by Burns, UK
- 10) An analysis of fatal snake envenomation poisoning cases” Accepted by Journal of Forensic Medicine & Toxicology, New Delhi.
- 11) Poisoning: A leading unnatural cause of Rural burden of morbidity and mortality in India, JAPI (2003, 51: 955-58
- 12) Suicide in Rural India-A 5-year retrospective study, submitted to medicine, Science and the Law, UK.
- 13)Recent trends and social aspects in suicides by Hanging in Rural Maharashtra, submitted to Milestone, official Journal of DMER Mumbai.
- 14)The medico legal aspects of police custody deaths in India, submitted to Medicine, Science and the Law, UK
- 15)The Indian Law and the cases of conflict of opinion between two medical experts, submitted to Medicine Science and the law, UK.
- 16)A five year analysis of fatal snake envenomation poisoning cases, Published by International Journal of Medical Toxicology and legal Medicine, Vol. 6(I) Jan-June.2004, Page 17-22.

By Dr. S.G.Dhawane

- 1) Study of homicidal deaths at Indira Gandhi Medical College Nagpur- Journal of Forensic Medicine & Toxicology, vol,20 1, Jan June 2003
- 2) Estimation of stature from soma tome try of skull- journal of Medico legal Association of Maharashtra, vol. 18, 1&2, Jan 2006
- 3) Dyadic deaths: Analysis of homicide- suicide episodes-medico legal update, vol 7, 1, Jan-March 2007
- 4) There last words: Are view of suicide note milestone,vol 4, 2005
- 5) Dying Together: A report of 2 suicide pact & an over view of phenomenon- accepted for journal of medico legal Association of Maharashtra
- 6) Fatal fall in elderly- accepted for journal of Medico legal Association of Maharashtra.
- 7) Fatal long Scarps Syndrome: accepted of R milestone.
- 8) Fatal Avulsion of Scalp J. Indian Academic Forensic Model, 30(3) 151-152
- 9) Last Act- A case of sudden death during coitus- Indian Journal of Forensic Medicine & Toxicology, vol.(3) issue 1, 2010.
- 10)Choking in schizophrenic:- A case report Indian internet journal of forensic Medicine & Toxicology year 2008, vol 6, issue: 4 on line essn:1970

Major (Dr). S. V. Kuchewar

- 1) Death of chronic smoker after blood donation- A case report, Paper accepted in Medico-legal update journal.
- 2) Carbon Monoxide- An invisible killer, Paper accepted in Medico-legal update journal.
- 3) Medico legal study of cases of death due to electrocution in and around GMC Aurangabad. Medico-legal update journal, July-Dec,2011, Vol.11, No.2, pg 53-55

- 4) Medico- legal study of in and around GMC Aurangabad. Medico-legal update journal, July-Dec,2011, Vol.11, No.2, pg 56-58

Dr. R. D. Meshram

- 1) Seasonal trend in suicide- A retrospective study. Medico-legal update journal, July-Dec,2010, Vol.10, No.2, pg 78
- 2) A retrospective study on different aspects of road traffic accident victims in NRS medical college, Kolkata in last 3years (2006-2008). Medico-legal update journal, July-Dec,2011, Vol.11, No.2, pg 29-30
- 3) Male assault, Paper presentation, National conference of IAFM, Nagpur, year 2009.
- 4) Medico legal study of cases of death due to electrocution in and around GMC Aurangabad. Medico-legal update journal, July-Dec,2011, Vol.11, No.2, pg 53-55
- 5) Medico- legal study of in and around GMC Aurangabad. Medico-legal update journal, July-Dec,2011, Vol.11, No.2, pg 56-58

Dr. S. J. Gadge

- 1) Medico legal study of cases of death due to electrocution in and around GMC Aurangabad. Medico-legal update journal, July-Dec,2011, Vol.11, No.2, pg 53-55
- 2) Medico- legal study of in and around GMC Aurangabad. Medico-legal update journal, July-Dec,2011, Vol.11, No.2, pg 56-58

RESEARCH PROJECTS (Published, Completed and On Going) in DEPARTMENT OF FORENSIC MEDICINE & TOXICOLOGY.

Thesis Topic of Postgraduate Students

YEAR	NAME OF THE PG STUDENT	TOPIC	GUIDE
2001-04	Dr.M.N.Pawar	“Cardial insult due to Trauma and significance of TTC test”	Dr.A.N. Keoliya
2003-06	Dr.A.P.Malani	“ Medico legal study of Snake bite with	Dr.A.N.

		special reference to bacterial flora and management”	Keoliya
2003-06	Dr.H.G.Kukde	“ Serum cholinesterase level in organophosphate poisoning”	Dr.A.N. Keoliya
2004-07	Dr.D.V.Kolpe	“ Medico legal study of Hanging cases with special reference to Histopathological changes in the skin of ligature mark”	Dr.A.N. Keoliya
2005-08	Dr.R.B.Deokar	“ Determination of time since death from postmortem vitreous Biochemistry”	Dr.A.N. Keoliya
2006-09	Dr.A.B.Shinde	“ Study of Burn deaths with special reference to Histopathology”	Dr.A.N. Keoliya
2007-10	Dr.R.M.Tandle	“ Medico legal study of Deaths due to Road Traffic Accidents”	Dr.A.N. Keoliya
2008-11	Dr. S.H.Bhosle	“Injuries of neck strictures in cases of death due to compression of neck with special reference to histopathology finding”	Dr.A.K. Batra

YEAR	NAME OF THE PG STUDENT	TOPIC	GUIDE
2009-12	Dr. N.S. Barmate	“ A study of correlation of time since death with vitreous potassium and sodium-potassium ratio”	Dr.A.K. Batra
2010-13	Dr. R.R.Khetre	“A prospective autopsy based study of sudden natural non traumatic deaths in a rural district set up.’	Dr.A.K. Batra
2011-14	Dr T O Padole		Dr M B Shrigiriwar

9) TRAINING PROGRAMS (conducted/ being conducted) (if any)

10) FUTURE PLANS (if any (

a) To upgrade Dept as Medico Legal Institute

b) To develop toxicological garden

c) Forensic photography unit

- 11) AWARDS AND MERITS (Individual as well as collective)
- 12) GUEST LECTURES
- 13) CONTACT US (information of the QUALIFIED AND COMPETENT person whom any member of the Public can contact at any point of the day or night for any query/ complaint regarding any sort of medico legal work, that you have stated in the column of "SERVICES PROVIDED".).

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