

Paper Code - VOC - 138 **Vocational Course**  
**School of Health Sciences**

**Paper Name-** Management of Emergencies in Health

- Course Objectives-**
1. Learning of first aid basics and Emergency care
  2. Learning of Principles and procedures of emergency care and first aid
  3. Learning of Measuring Vital parameters

Unit	Topics	Theory Hours	Practical Hours
1	<b>Basic First Aid</b> <ul style="list-style-type: none"> <li>• Aims of first aid &amp; First aid and the law.</li> <li>• Dealing with an emergency, Resuscitation (basic CPR).</li> </ul> <b>First aid related with Sense organs</b> <ul style="list-style-type: none"> <li>• Basic of Sense organ.</li> <li>• Foreign objects in the eye, ear, nose or skin.</li> <li>• Swallowed foreign objects.</li> </ul>	3	6
2	<b>Infection prevention and control</b> <ul style="list-style-type: none"> <li>• Hand washing and Hygiene</li> <li>• Types and Content of a First aid Kit</li> </ul> <b>Transportation, Ambulance services</b> <ul style="list-style-type: none"> <li>• Transport techniques.</li> <li>• Basic Life support and advanced life support.</li> </ul>	2	6
3	<b>First AID Technique</b> <ul style="list-style-type: none"> <li>• Dressings and Bandages.</li> <li>• Fast evacuation techniques (single rescuer).</li> </ul>	3	6
4	<b>First aid related with respiratory system</b> <ul style="list-style-type: none"> <li>• Basics of Respiration.</li> <li>• No breathing or difficult breathing, Drowning, Choking, Strangulation and hanging,</li> <li>• Swelling within the throat, Suffocation by smoke or gases and Asthma.</li> </ul>	3	6
5	<b>First aid related with Wound sand Injuries</b> <ul style="list-style-type: none"> <li>• Type of wounds, small cuts and abrasions</li> <li>• Head, Chest, Abdominal injuries</li> </ul> <b>First aid related with Skin, Burns</b> <ul style="list-style-type: none"> <li>• Basics of The skin.</li> <li>• Burn wounds, Dry burns and scalds (burns from fire, heat and steam).</li> <li>• Electrical and Chemical burns, Sun burns, heat exhaustion and heatstroke</li> </ul>	4	6

**Course Content:** Theory(15 hours) + Practical(60 hours)

Total weightage of Theory- 40% of marks, 15 Hours  
 Total Weightage of Practical 60% of marks , 30 hours

**Learning Outcome-** By the end of the course the students able to:

1. Describe the basics of first aid and emergency care.
2. Describe and apply the principles of emergency care globally.
3. Describe the procedures and techniques of first aid.
4. To assess the Casualty and vitals parameters.

**Job Prospects-** Medical Health attendants

**Skill Partner-** G.S.V.M. Medical College Kanpur

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**Suggested Readings:-**

1. Hoon R.S, First aid to the injured, St.John Ambulance Association, 10th Ed, 2014.
2. Gardner Ward & Peter J. Roylance, New Advanced First Aid, London Butter Worths, 3rd edition, 2001.
3. Raine Hardhins and Hunt Vaheirs, Urgencies and emergencies for Nurses, English Universities Press Ltd, 1965.
4. First Aid, American Red Cross, The Balckiston company, Philadephia, 1945.
5. Golqalla Asoi, A handbook of emergencies, Bombay sam and company, 1986.

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