

ANNEXURES

ANNEXURE 1

Disasters: Negative and Positive Aspects

Aspects Negative Positive

| | NEGATIVE | POSITIVE |
|---|-----------------|------------------|
| D | Damage | Development |
| I | Interruption | Innovation |
| S | Severe | Sharing |
| A | Antagonistic | Awareness |
| S | Scourge | Self-sufficiency |
| T | Trauma | Transformation |
| E | Emergency | Education |
| R | Risk | Resilience |

Source: Views expressed by Prof. Pardeep Sahni at a Faculty Seminar, 2001

Structured Schedule For Training Needs Analysis (TNA) For Capacity Building in Disaster Management

Kindly tick your response in the column/s on the right (You may tick more than one column, if you want)

Part-I

1. Name & Address:
2. Present Post/Position:
3. Educational Background:

| | | |
|----|----------------------------|--|
| 1. | Graduate | |
| 2. | Post-Graduate | |
| 3. | Any other (Please Specify) | |

Disaster Management and Training

4. Are you familiar with the nature and relevance of Disaster Management?

| | | |
|----|----------|--|
| 1. | Yes | |
| 2. | No | |
| 3. | Not much | |

5. In which way your Department is concerned with Disaster Management?

| | |
|---------------|--|
| Directly | |
| Indirectly | |
| Not Concerned | |
| Can't Say | |

6. Does your Department/ Elected Body conduct training programmes on Disaster Management?

| | | |
|----|---------------------------------------|--|
| 1. | Yes, regularly | |
| 2. | Yes , but not regularly | |
| 3. | Never | |
| 4. | Never, but planning to organize a few | |

7. Training Workshops Attended on Disaster Management:

| Sr. No. | Name of Institute | Year | Total No. |
|---------|--|------|-----------|
| 1. | At State Administrative Training Institute | | |
| 2. | At NIDM | | |

| | | | |
|----|--|--|--|
| 3. | At Other State ATIs | | |
| 4. | Any other (please specify briefly over here) | | |
| 5. | Not Attended | | |

8. Which Levels of Training have you attended in Disaster Management?

| | | |
|----|-------------------------|--|
| 1. | Basic | |
| 2. | Advanced | |
| 3. | Both Basic and Advanced | |

9. Are you given any reading material after the training programmes on Disaster Management?

| | | |
|----|-------------|--|
| 1. | Yes, always | |
| 2. | Sometimes | |
| 3. | No, never | |

10. Did you attend any Mock Drill on Disaster Management conducted by your Organization / other Organizations?

| | | |
|----|---|--|
| 1. | Yes, always | |
| 2. | Yes, sometimes | |
| 3. | No, there is no provision of a Mock Drill | |

11. Have these training programmes helped you in achieving Organizational Goals set by your Department/ Elected Body?

| | | |
|----|-------------|--|
| 1. | Yes, always | |
| 2. | Sometimes | |
| 3. | No, never | |

12. Did you receive a Job Chart from your Department/ Elected Body pertaining to your roles and responsibilities in Disaster Management?

| | | |
|----|---|--|
| 1. | Yes | |
| 2. | Yes, but it does not have practical orientation | |
| 3. | No, as job chart has not yet been formulated | |
| 4. | Not received | |
| 5. | Department is planning to formulate one | |

13. Do you have a Manual on Standard Operating Procedures (SOPs) provided by your Department/ Elected Body?

| | | |
|----|----------------------|--|
| 1. | Yes | |
| 2. | No | |
| 3. | Yes, but a basic one | |

14. Are there any training programmes being conducted for administrators and others like block development officers, police, fire and civil defence personnel, local elected bodies' members and functionaries ?

| | | |
|----|----------------------------|--|
| 1. | Yes, regularly | |
| 2. | Yes , but not regularly | |
| 3. | Never | |
| 4. | Never, but in the pipeline | |

15. Are any training programmes conducted for health personnel?

| | | |
|----|----------------------------|--|
| 1. | Yes, regularly | |
| 2. | Yes , but irregularly | |
| 3. | Never | |
| 4. | Never, but in the pipeline | |

Part-II

16. Has your area suffered any disaster/s in the past?

| | | |
|----|--------------------------|--|
| 1. | Droughts | |
| 2. | Earthquakes and Tsunamis | |
| 3. | Cyclones and Storms | |
| 4. | Floods | |
| 5. | Fires | |
| 6. | All of them | |
| 7. | Some of them | |

17. Who are most adversely affected by disasters?

| | | |
|----|--|--|
| 1. | Landless Labourers /Farmers/Daily Wagers | |
| 2. | Women, Children and Aged | |
| 3. | Physically and Mentally Disabled | |
| 4. | Poor and Shelterless | |
| 5. | All | |

18. How are the following most vulnerable sections of the society taken care of during disasters?

| Sr. No. | Group | Satisfactorily | Sometimes Satisfactorily | Non-satisfactorily/ Generally Neglected |
|---------|----------------------------------|----------------|--------------------------|---|
| 1. | Elderly | | | |
| 2. | Women and Children | | | |
| 3. | Physically and Mentally Disabled | | | |
| 4. | Poor and Shelterless | | | |

19. What is the effect of disasters on the following?

| Sr. No. | Items | Badly Affected | Marginally Affected | Not Affected |
|---------|------------------------------------|----------------|---------------------|--------------|
| 1. | Crops | | | |
| 2. | Cost of Production | | | |
| 3. | Physical and Social Infrastructure | | | |
| 4. | Means of Production | | | |
| 5. | Employment | | | |
| 6. | Price Rise | | | |

Disasters and Development

20. Do you think there is a connection between global climatic changes and increased frequency of disasters?

| | | |
|----|------------------------------------|--|
| 1. | Yes, there is a deep connect | |
| 2. | Sometimes, connection can be drawn | |
| 3. | No, there is no connection | |

21. Are disasters linked with development and planning?

| | | |
|----|----------------------|--|
| 1. | Yes | |
| 2. | Yes , but not always | |
| 3. | No, never | |

22. Does development cause disasters or does it mitigate disasters?

| | | |
|----|--|--|
| 1. | Causes Disasters | |
| 2. | Mitigates Disasters | |
| 3. | No Connection between Cause and Effect | |

23. Are you aware of the Disaster Management Act and Policy?

| | | |
|----|--------------------------------|--|
| 1. | Yes | |
| 2. | Yes , but only about the Act | |
| 3. | Yes, but only about the Policy | |
| 4. | No, not aware of either | |

24. Are you aware of the Governmental Planning, Logistics and Financial Arrangements in your area?

| | | |
|----|--|--|
| 1. | Yes | |
| 2. | Yes , but only about planning | |
| 3. | Yes, but only about financial arrangements | |
| 4. | No, not aware | |

25. Are you aware of concepts such as Human Development Index, Community Based Disaster Preparedness and Potential Loss Studies?

| | | |
|----|----------------------------|--|
| 1. | Yes | |
| 2. | Yes , but not all concepts | |
| 3. | No, not aware | |

26. Are you aware of the concepts such as Monetary Compensation for Disasters, Disaster Insurance and Micro-finance?

| | | |
|----|----------------------------|--|
| 1. | Yes | |
| 2. | Yes , but not all concepts | |
| 3. | No, not aware | |

27. **What is the basic focus of your Department/Elected Body with respect to Disaster Management?**

| | |
|-----------------------------------|--|
| Policy Planning | |
| Search, Rescue and Relief | |
| Response Planning | |
| Reconstruction and Rehabilitation | |
| Capacity Building | |
| All the above | |

Disaster Preparedness

28. **Though it is not possible to prevent disasters, do you agree that it is possible to reduce the adverse impact of disasters through adequate preparedness?**

| | | |
|----|-----------|--|
| 1. | Yes | |
| 2. | No | |
| 3. | Can't Say | |

29. **Have you or your Department/ Elected Body or the Community taken any measures for mitigating disaster situations?**

| | | |
|---|--|--|
| A | Yes, regularly such steps are taken | |
| B | Yes , but not very regularly | |
| C | Never | |
| D | Never, but planning to undertake such measures | |

30. **Enlist the efforts taken by various institutions/agencies in your area with regard to generation of awareness on disaster preparedness:**

| Sr. No. | Activities | Government Departments | NGOs and others | Local Elected Representatives and other Institutions |
|----------------|--|-------------------------------|------------------------|---|
| 1. | Education in Schools | | | |
| 2. | Lecture Series | | | |
| 3. | Simulation Exercises/ Brain Storming | | | |
| 4. | Skits, Nukkad Nataks, Advertisements, etc. | | | |
| 5. | Distribution of Pamphlets, Posters, etc. | | | |
| 6. | Any other (Please specify) | | | |

31. In what way do the media (T.V, Radio, Newspapers) play a role in preparing the community to face disasters?

| | | |
|----|---|--|
| 1. | Creating Awareness | |
| 2. | Providing Information | |
| 3. | Continuous Coverage of Disaster Event | |
| 4. | Interactions with the Vulnerable/ Affected Community and Official Representatives | |
| 5. | All the above | |

Disaster Mitigation

32. In which way do you participate in the mitigation strategies pertaining to any hazard in your area?

| | | |
|----|--|--|
| 1. | Assisting in the construction of disaster resistant houses | |
| 2. | Strengthening of existing structures in vulnerable areas | |
| 3. | Enforcement of suitable actions during Search and Rescue Operation, Fire-fighting, First-aid, etc. | |
| 4. | Taking recourse to Alternate Cropping Pattern, Social Forestry, Van Panchayats and Pani Panchayats | |
| 5. | Afforestation, Planting Trees, Preventing Tree Felling and Wood Cutting | |
| 6. | Education and training of people | |
| 7. | All | |

33. Behaviourally, what is the attitude of government Departments/ Elected Bodies that provide help and assistance during disasters?

| | | |
|----|-------------|--|
| 1. | Sensitive | |
| 2. | Insensitive | |
| 3. | Charitable | |
| 4. | Indifferent | |

34. Do people participate in the meetings/gatherings of the following?

| | | Yes | No |
|----|----------------------|-----|----|
| 1. | Local Elected Bodies | | |
| 2. | Social Groups | | |
| 3. | Women Groups | | |
| 4. | Cultural Forums | | |

35. Are there any formal / organized bodies in your area that promote community participation?

| | | Yes | No |
|----|----------------------------------|-----|----|
| 1. | Village Development Associations | | |
| 2. | Disaster Response Team | | |
| 3. | Disaster Task Force | | |
| 4. | Youth Groups | | |
| 5. | Self-Help Groups | | |

36. What type of gaps do you find in Disaster Management/Mitigation?

| | | |
|----|--|--|
| 1. | Gaps in Intra-departmental coordination | |
| 2. | Gaps in Inter-departmental coordination | |
| 3. | Gaps in proper instruction dissemination | |
| 4. | Gaps in available and required resources | |
| 5. | Gaps in communication | |
| 6. | Gaps in availability and mobilization of funds | |

Community Health

37. Has any epidemiological study of disasters been done in your area?

| | | |
|----|-----------|--|
| 1. | Yes | |
| 2. | No | |
| 3. | Can't Say | |

38. What type of health survey is usually done in your area?

| | | |
|----|---|--|
| 1. | Identification of population at risk | |
| 2. | Preparation of community profile | |
| 3. | Development of disaster vignette | |
| 4. | Risk identification and analysis of vulnerability factors | |
| 5. | None of the above | |

39. Does plan of action pertaining to community health in your area exist, with regard to following?

| | | |
|----|--|--|
| 1. | Provision of immunization facilities | |
| 2. | Promotion of health through nutritional intervention | |
| 3. | Maternal, infant and child care, and geriatric care | |
| 4. | Specific treatment and rehabilitation of vulnerable groups | |
| 5. | Disposal of dead | |
| 6. | Sanitation | |

| | | |
|----|-------------------|--|
| 7. | Water Supply | |
| 8. | None of the above | |

40. Does your area have an access to the following?

| Sr. No. | Personnel/Items | Yes | No |
|---------|---|-----|----|
| 1. | Doctors, nurses, Para-medical staff | | |
| 2. | Medical stores and equipment including drugs, surgical, medical appliances, diagnostic aids, etc. | | |
| 3. | Logistic requirements like tents, linen, pillow and mattresses, storage of ration, water, etc. | | |
| 4. | Ambulances | | |

41. Are any efforts being made towards health education of:

| Sr. No | Group | Yes | No |
|--------|--------------------|-----|----|
| 1. | Population at risk | | |
| 2. | School teachers | | |
| 3. | Women and children | | |
| 4. | Youth | | |
| 5. | Religious Leaders | | |

42. Are you aware of the general principles of first-aid like:

| Sr. No. | Principles | Yes | No |
|---------|--|-----|----|
| 1. | Immediate rescue and removal of casualties in the shortest possible time | | |
| 2. | Immediate arrest of hemorrhage | | |
| 3. | Restoration of respiration and circulation of blood | | |
| 4. | Reducing pain by simple procedures and medication | | |
| 5. | Triage | | |

43. Are you aware of the methods of water purification?

| Sr. No. | Methods | Yes | No |
|---------|--|-----|----|
| 1. | Disinfections | | |
| 2. | Sedimentation | | |
| 3. | Filtration | | |
| 4. | Traditional methods of using Neem Leaves, etc. | | |

44. Do you tell people to take recourse to traditional wisdom for water storage and usage such as indigenous water harvesting and watershed partnerships?

| | | |
|----|---|--|
| 1. | Yes | |
| 2. | Yes , but not always | |
| 3. | No, never | |
| 4. | Never, but planning to organize water, grain and seed banks | |

45. Are proper sanitation requirements available during mass feeding services in disaster situations in terms of:

| Sr. No. | Activities | Yes | No |
|---------|--|-----|----|
| 1. | Quality and control of food | | |
| 2. | Control of insects, rodents in stores, kitchens, feeding centers | | |
| 3. | Proper storage and cooking of food | | |
| 4. | Proper washing of utensils | | |
| 5. | Cleanliness of premises where food is prepared and served | | |

46. What type of sanitary method is used in the houses of your locality?

| | | |
|----|--------------------------------------|--|
| 1. | Shallow pits | |
| 2. | Simple pit latrines | |
| 3. | Septic tank | |
| 4. | Defecation in farms and forest areas | |

Disaster Response

47. The response after any disaster at the departmental or elected body level is:

| | | |
|----|-----------------------------|--|
| 1. | Prompt and Encouraging | |
| 2. | Prompt but not Encouraging | |
| 3. | Prompt but not satisfactory | |
| 4. | Can't Say | |

48. **What is the frequency of visits of government officials to disaster prone areas?**

| Frequency | Pre- disaster | During disaster | Post- disaster |
|------------------|---------------|-----------------|----------------|
| Twice in a Week | | | |
| Once in a Week | | | |
| Twice in a Month | | | |
| Once in a Month | | | |

49. **What are the gaps that you can identify after any disaster at your individual level?**

| | | |
|----|---|--|
| 1. | Lack of adequate resources | |
| 2. | Lack of proper planning | |
| 3. | Lack of Accountability | |
| 4. | Lack of awareness about the role hierarchy | |
| 5. | Inadequate technical skills | |
| 6. | Lack of interest shown by Disaster Management Authority | |

50. **Are you aware of Resource Mapping, Resource Inventories, and Documentation of Cargo, Time Mapping, Risk Management and Rapid Damage Assessment in disaster aftermath?**

| | | |
|----|------------------------|--|
| 1. | Yes | |
| 2. | Yes, Know a little | |
| 3. | No, do not know at all | |

51. **Does your area has any plan laid down for carrying out search, rescue and evacuation in times of disaster?**

| | | |
|----|------------------------------|--|
| 1. | Yes | |
| 2. | Yes , but it is not adequate | |
| 3. | No | |
| 4. | No, but in the pipeline | |

52. **Are facilities available for?**

| Sr. No. | Item | Yes | No |
|---------|--|-----|----|
| 1. | Shelter for livestock | | |
| 2. | Requisite buffer stock of food and fodder, vaccines, drugs for livestock | | |
| 3. | Trained doctors and veterinary staff to treat livestock | | |
| 4. | Removal of dead animals | | |

Disaster Reconstruction and Rehabilitation

53. **Do you feel that steps are taken towards the social rehabilitation of people in post–disaster situation?**

| | | |
|----|--|--|
| 1. | Strengthening of existing health facilities and infrastructure | |
| 2. | Rehabilitation of educational activities through schools, establishment of village level education committees, and counselling of children to attend schools, etc. | |
| 3. | Rehabilitation of women, children and destitute affected by disaster | |

54. **Are any of the following measures being taken towards rehabilitation of women and children?**

| | | |
|----|---|--|
| 1. | Activating of Anganwadies | |
| 2. | Setting up Multi-purpose Community Centers in a village | |
| 3. | Setting up of Female Children Homes | |
| 4. | Constitution of Self-help Groups | |

55. **Do you see a connection between Reconstruction and Long-term Recovery?**

| | | |
|----|----------------|--|
| 1. | Yes, always | |
| 2. | Yes , at times | |
| 3. | No, never | |
| 4. | Can't Say | |

56. **Are you involved with the preparation of Check Lists, Implementation of Crises Management and Panic Management Plans, and Use of Sample Surveys?**

| | | |
|----|--------------------------|--|
| 1. | Yes, always | |
| 2. | Yes , but only sometimes | |
| 3. | No, never | |
| 4. | Can't Say | |

57. Have you had any experience in the use of Ham Radio, Community Radio, and Social Networking?

| | | |
|----|--------------------------|--|
| 1. | Yes, many a time | |
| 2. | Yes , but only sometimes | |
| 3. | No, never | |
| 4. | Can't Say | |

58. What kind of leadership qualities do you envision for a Disaster Manager?

| | | |
|----|--------------------------------------|--|
| 1. | Problem Identification | |
| 2. | Decision-Making | |
| 3. | Motivation | |
| 4. | Empathy and Sensitivity | |
| 5. | Coordination | |
| 6. | Conflict Resolution | |
| 7. | Sharp Analytical and Critical Vision | |
| 8. | All the above | |

59. What capacities do you envision for community and community representatives involved in disaster management?

| | | |
|----|--------------------------------|--|
| 1. | Adaptiveness | |
| 2. | Self-help | |
| 3. | Resilience | |
| 4. | Knowledge-seeking and Learning | |
| 5. | Helpfulness and Cooperation | |
| 6. | Resolute and Firm | |
| 7. | All the above | |

60. What is your overall opinion on this Project on Capacity Building in Disaster Management?

| | | |
|----|---|--|
| 1. | It will bring in a lot of change in the knowledge, skill and attitude levels of disaster management personnel | |
| 2. | Effective and desirable capacities can develop through such programmes/projects | |
| 3. | More such efforts are required | |
| 4. | Nothing would change despite such endeavours, as problems are more systemic | |

Suggest some steps that your Department/Organization could take up towards improving the state of Disaster Management in your area:

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Any other Suggestions/Remarks you wish to indicate:

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.....

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.....

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.....

(Signature)

Views on Skills on Disaster Management

Name:

Designation:

Address:

In your opinion, what is the status of skills in the areas listed below

| Area | Government Officials | | Public Representatives | |
|-------------------------------------|----------------------|--|------------------------|--|
| | Adequate | Inadequate (If inadequate, suggest the ways to enhance it, and mention it serial number wise on the bottom of the page) | Adequate | Inadequate (If inadequate, suggest the ways to enhance it, and mention it serial number wise on the bottom of the page) |
| 1. Hazard Analysis | | | | |
| 2. Disaster Mapping | | | | |
| 3. Vulnerability Analysis | | | | |
| 4. Risk Assessment | | | | |
| 5. Capacity Analysis | | | | |
| 6. Technological Intervention | | | | |
| 7. Problem Identification | | | | |
| 8. Decision-Making | | | | |
| 9. Plan Formulation | | | | |
| 10. Operationalising plans | | | | |
| 11. Preparation of Rescue Kits | | | | |
| 12. Preparation of Emergency Kits | | | | |
| 13. Use Simple Rescue Methods | | | | |
| 14. Clearance of Debris | | | | |
| 15. Conducting Rapid Damage Surveys | | | | |
| 16. Garbage Disposal | | | | |
| 17. Maintaining Hygiene Sanitation | | | | |

| | | | | |
|---|--|--|--|--|
| 18. Establishing temporary shelters | | | | |
| 19. Preparing Relief Distribution Schedule | | | | |
| 20. Executing Relief Distribution | | | | |
| 21. Restoration of Essential Surveys | | | | |
| 22. Providing counseling to affected | | | | |
| 23. Damage and Needs Assessment | | | | |
| 24. Social Rehabilitation | | | | |
| 25. Economic Rehabilitation | | | | |
| 26. Monitoring and Evaluation | | | | |
| 27. Use of Participatory Strategies | | | | |
| 28. Conflict Resolution Strategies | | | | |
| 29. Inculcating self-sufficiency and sustainability | | | | |
| 30. Towards effective Disaster-Development Relationship | | | | |

Perceptions on Disaster Management Knowledge

Name:

Designation:

Address:

In your opinion, what is the status of knowledge on the following:

| Areas | Government Officials | | Public Representatives | |
|--|----------------------|--|------------------------|--|
| | Adequate | Inadequate (If inadequate, suggest the ways to enhance it, and mention it serial number wise on the bottom of the page) | Adequate | Inadequate (If inadequate, suggest the ways to enhance it, and mention it serial number wise on the bottom of the page) |
| 1. Disaster Management | | | | |
| 2. Disaster Planning | | | | |
| 3. Disaster Preparedness | | | | |
| 4. Disaster Mitigation | | | | |
| 5. Community Based Disaster Management | | | | |
| 6. Managerial Skills | | | | |
| 7. Search, Rescue and Evacuation | | | | |
| 8. GIS and Remote Sensing | | | | |
| 9. Temporary Shelters | | | | |
| 10. First-Aid | | | | |
| 11. Damage Assessment | | | | |
| 12. Needs Assessment | | | | |
| 13. Disaster Impact | | | | |
| 14. Social Rehabilitation | | | | |
| 15. Economic Rehabilitation | | | | |
| 16. Participatory Rehabilitation Process | | | | |
| 17. Reconstruction | | | | |
| 18. Disaster-Development Relationship | | | | |

Knowledge, Skills and Attitudes Requirements for Capacity Building towards Disaster Management*

| CONCEPTS/PHASES | KNOWLEDGE | SKILLS | ATTITUDES |
|--|---|--|---|
| UNDERSTANDING DISASTER MANAGEMENT <i>Hazards and Disasters, Disaster Management Cycle and Impact of Disasters.</i> | <ul style="list-style-type: none"> ● Distinction between Hazards and Disasters ● Relationship between Disasters and Development ● Stages of Disaster Management Cycle ● Types of Disasters ● Vulnerability Analysis ● Risk Assessment | <ul style="list-style-type: none"> ● Mapping ● Profiling ● Damage Appraisal ● Vulnerability Assessment ● Risk Assessment ● Use of Technologies | <ul style="list-style-type: none"> ● Positive ● Receptive ● Assimilative ● Descriptive ● Critical ● Analytical ● Learning |
| INSTITUTIONAL ARRANGEMENTS FOR DISASTER MANAGEMENT <i>Experience Sharing, Role of Various Agencies.</i> | <ul style="list-style-type: none"> ● Disaster Management (DM) Act 2005 and Disaster Management Policy 2009 ● Role of Disaster Management Authorities and Concerned Agencies ● Role of Various Ministries in Disaster Management ● Role of International, National and Local or Regional Organizations (both Governmental and Non-governmental) ● Financial Arrangements for Disaster Management | <ul style="list-style-type: none"> ● Problem Identification ● Garnering Data from Affected and Vulnerable Areas ● Weighing the pros and cons of various available alternatives ● Decision-Making ● Making Provisions for Operationalization of Plans | <ul style="list-style-type: none"> ● Assimilative ● Knowledge seeking ● Descriptive ● Analytical ● Rational ● Learning ● Resolute and Firm |
| DISASTER PREPAREDNESS <i>Preparedness, Mitigation, Community Based Disaster Management and Managerial Skills</i> | <ul style="list-style-type: none"> ● Evacuation Plans ● Incident Response Set-Up ● Logistics Management ● Standardization of Relief Procedures ● Land-use Planning ● Disaster Insurance ● Awareness on Vulnerability of Women, Elderly, Children and Disadvantaged Sections of Society ● Pertinence of Disaster Task Force ● Role of Van Panchayats ● Role of Traditional Wisdom ● Community Based Disaster Management | <ul style="list-style-type: none"> ● Preparation of Resource Kits ● Preparation of Search and Rescue (SAR) Kits ● Preparation of Evacuation Check List ● Preparation of Base Map ● Preparation of List of Contact Persons ● Involving Community to Prepare Quick First-Aid Teams, Relief Teams, etc. ● Formulation of Disaster Task Force | <ul style="list-style-type: none"> ● Coordinative ● Participatory ● Interactive ● Thoughtful ● Persuasive ● Rational ● Enthusiastic |

| | | | |
|--|--|--|--|
| | | <ul style="list-style-type: none"> ● Problem Solving ● Alternative Searching ● Decision-Making ● Developing Worst Case Scenarios ● Conducting Damage and Risk Surveys ● Carrying out Vulnerability Analysis ● Use of Internet ● Sharing of Information ● Maintenance of Buffer Stocks ● Preparation of Alternate Routes to Disaster Vulnerable Areas ● Making Provisions for Recruitment of Personnel for Relief and Distribution Tasks ● Documentation of Cargo Material ● Determination of Costs and Expenditure of Disaster Prevention Work ● Preparation of Time Schedules, etc. ● Maintenance of Required Documentation and Resource Inventories ● Preparation of Socio-cultural and Vulnerability Maps ● Identification of School Buildings for Shelter and | |
|--|--|--|--|

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| <p>DISASTER RESPONSE <i>Major Components, Search and Rescue, Emergency Response, Minimum Standards, Emergency and Health Response, Support Services</i></p> | <ul style="list-style-type: none"> ● Role of Search and Rescue ● Nutrition-Based Health Assessment ● Epidemiological Survey ● Role of Standard Operating Procedures (SOPs) and Emergency Operations Centre ● Emergency Health Care ● Geographic Information System (GIS) and Remote Sensing ● Community Radio and Internet ● Public-Private Partnerships ● Evacuation Plans ● Communications and Alarm System | <p>Identification of Storage Areas</p> <ul style="list-style-type: none"> ● Coordination, Negotiations and Liaisoning ● Use of Simple Rescue Methods– Facilitating the Use of Hand Grasps, Ropes, Ladders, Boats, Fire Extinguishers, Pulleys, Sacks, Sickles, Hammers, and Chair Knots, etc. ● Preparation of Evacuation Check List, Preparation of Base Map, Clearance of Debris, Use of Triage ● Use of Ham Radio ● Recycling of Rubble ● Provision of Interim Houses, Community Shelters and Tents ● Establishment of Local Advice Centres ● Use of Rapid Damage Surveys ● Distribution of Pesticides ● Arrangement of Lighting in Warehouses ● Provision of Garbage Disposal, Cleaning and Sweeping ● Provision of Fire Safety Measures ● Record Keeping, Store Inspections ● Preparation of | <ul style="list-style-type: none"> ● Motivating ● Positive ● Affirmative ● Participative ● Resilient ● Calm ● Balanced |
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| | | <p>Distribution Plan for Dry and Cooked Food</p> <ul style="list-style-type: none"> ● Preparation of Vulnerability Indices for Distribution of Standard Relief Material ● Preparation of List of Contact Persons ● Provision of Pre-stocking ● Mapping the Affected Area ● Preparing Feeding Schedules ● Maintenance of Buffer Stocks ● Preparation of Alternate Routes to Affected Area ● Distribution of Relief Tasks ● Provision of Warehouses ● Liaisoning with other Aid Agencies ● Management of Information with the Media ● Preparation of Localized Community Maps ● Providing for Counsellors and Psychologists to deal with the Behavioural Impact of Disasters on the Community | |
| <p>DISASTER RECOVERY <i>Damage Assessment, Disaster Impact, Economic and Social Rehabilitation, Participative Rehabilitation Process, Reconstruction and Recovery</i></p> | <ul style="list-style-type: none"> ● Distinction between Rehabilitation, Reconstruction and Recovery ● Distinction between Immediate and Long-term Recovery ● Relief-Rehabilitation Continuum ● Sustainable Livelihood | <ul style="list-style-type: none"> ● Integration of Risk Reduction Strategies in Reconstruction Activities ● Safe Construction Practices and Materials | <ul style="list-style-type: none"> ● Resilient ● Positive ● Optimistic ● Helpful ● Cooperative ● Participative ● Motivating ● Leading |

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| | <ul style="list-style-type: none"> ● Framework ● Risk Resource Mapping ● Insurance Schemes ● Utility of Disaster-Resistant Construction ● Disasters and Development Interface ● Land-use ● Fire Safety ● Psychological, Social, Cultural and Physical Rehabilitation ● Stress Management ● Social Forestry, Water Harvesting, Employment Generation ● Indigenous Coping Mechanisms and Watershed Partnerships | <ul style="list-style-type: none"> ● Helping Group Activity for Optimum Utilization of Recovery Related Resources ● Implementation of Crises Management and Panic Control Plans ● Use of Participatory Tools to Promote Capacity Building Schemes ● Use of Sample Surveys ● Monitoring and Evaluation ● Risk Management ● Nutrition-Based Health Assessment ● Information, Dissemination and Monitoring ● Social Networking ● Conflict Resolution Strategies ● Self-sufficiency and Sustainability Skills | |
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It may be noted that there is bound to be an overlap between the KSA or KNOWLEDGE, SKILLS and ATTITUDES requirements at different stages of disaster management cycle, as the activities tend to be reinforcing and intermingling. But, by and large, each stage requires certain distinct KSAs on the part of leaders, officials and representatives of the community.

*Knowledge imparted, Skills inculcated, and Attitudinal changes amongst the concerned government officials and representatives of elected local bodies at district level pave the way for effective disaster management. Thus, an attempt has been made to enlist these for various facets of disaster management, namely Understanding Disaster Management; Institutional Arrangements for Disaster Management; Disaster Preparedness; Disaster Response; and Disaster Recovery.