

Role of ULBs

Sr. No	Item	Preparedness	Response	Recovery
1.	Urban planning including town planning.	<ul style="list-style-type: none">● Monitoring the construction of disaster resistant buildings and houses to ensure adherence to building bye-laws● Creating awareness on town planning needs among people● Determining disaster-prone areas by use of advanced technology such as GIS, Remote Sensing and Mapping● Supervising the conduct of fire safety mock drills among people	<ul style="list-style-type: none">● Evacuating people immediately in disaster aftermath● Creating temporary shelters for migrants● Providing minimum basic facilities of water and sanitation at public conveniences	<ul style="list-style-type: none">● Promoting the use of disaster resistant house technology● Implementing building codes● Mainstreaming disaster scenarios in urban planning

2	Regulation of land-use and construction of buildings.	<ul style="list-style-type: none"> ● Encouraging construction of disaster resistant buildings and houses ● Categorizing land for commercial, domestic and mix-use purposes ● Providing for spatial planning, transportation planning and environmental planning in land-use plans 	<ul style="list-style-type: none"> ● Removing debris from collapsed buildings site ● Consolidating land holdings for use 	<ul style="list-style-type: none"> ● Ensuring adherence to building bye-laws ● Implementing environmental (control of pollution) laws
3	Planning for economic and social development.	<ul style="list-style-type: none"> ● Including disaster management in long-term town planning ● Generating awareness on interlinkages between disasters and development 	<ul style="list-style-type: none"> ● Assessing damages, if any, to social structures such as schools, dispensaries, anganwadis during disasters 	<ul style="list-style-type: none"> ● Mainstreaming disaster management into socio-economic development
4	Roads and bridges.	<ul style="list-style-type: none"> ● Ensuring the use of quality material and modern technology for roads and bridges construction 	<ul style="list-style-type: none"> ● Encouraging the construction of temporary roads and bridges to evacuate people to safer places 	<ul style="list-style-type: none"> ● Analyzing seismic zones ● Ensuring the construction of bridges/roads, as per seismic zones
5	Water supply for domestic, industrial and commercial purposes.	<ul style="list-style-type: none"> ● Focussing on laying disaster resistant pipes ● Ensuring safe water supply ● Monitoring of water pipes for blockage/leakage on a regular basis ● Ensuring periodic cleaning of tanks ● Creating awareness on waterborne diseases 	<ul style="list-style-type: none"> ● Chlorinating all water tanks ● Providing safe water to all ● Ensuring treatment of industrial effluents before entering water bodies 	<ul style="list-style-type: none"> ● Implementing environmental laws ● Creating awareness on waterborne diseases ● Setting up water banks ● Making provision for rainwater harvesting
6	Public health, sanitation conservancy and solid waste management.	<ul style="list-style-type: none"> ● Ensuring effective waste disposal ● Setting up of waste management treatment plants ● Monitoring regular collection of solid wastes ● Segregating bio-degradable waste and non-biodegradable wastes ● Planning for 	<ul style="list-style-type: none"> ● Removing of debris in disaster aftermath ● Sanitizing entire affected city ● Promoting construction of temporary toilets ● Involving NGOs such as Sulabh International ● Ensuring drinking water does not get mixed up with 	<ul style="list-style-type: none"> ● Creating awareness on sanitation options ● Ensuring toilets are constructed in all houses and public places ● Setting up sewage treatment plants ● Formulating effective public policy taking cognizance of basic health care during disasters

		<p>municipal waste collection places</p> <ul style="list-style-type: none"> ● Planning for generating income from waste ● Planning for the use of modern technology to generate electricity from waste ● Collecting user charges for waste collection/disposal 	<p>sewage</p> <ul style="list-style-type: none"> ● Making all public health officials alert ● Sounding alert on water borne diseases like cholera, malaria and dengue 	
7	Fire services.	<ul style="list-style-type: none"> ● Providing for regular mock drills ● Advertising the phone numbers of fire service department at all places visited by common people 	<ul style="list-style-type: none"> ● Involving community in rescue operations ● Providing for immediate first-aid 	<ul style="list-style-type: none"> ● Establishing more fire service stations ● Setting up Burn Wards in hospitals
8	Urban forestry, protection of the environment and promotion of ecological aspects.	<ul style="list-style-type: none"> ● Creating awareness about biosphere around the city ● Ensuring the protection of urban biosphere/ environment 	<ul style="list-style-type: none"> ● Assessing damages and reviving urban biosphere 	<ul style="list-style-type: none"> ● Creating awareness about biosphere around the city ● Making adherence to environmental laws mandatory
9	Safeguarding the interests of weaker sections of society, including the handicapped and mentally retarded.	<ul style="list-style-type: none"> ● Formulating policies to protect the disadvantaged during disasters 	<ul style="list-style-type: none"> ● Giving priority to evacuate weaker sections during emergency 	<ul style="list-style-type: none"> ● Establishing night shelters for weaker and disadvantaged sections ● Providing for ramps at all public places ● Promoting the construction of disabled friendly structures such as schools, colleges, entertainment centres, cinemas and hospitals
10	Slum improvement and upgradation.	<ul style="list-style-type: none"> ● Involving slum community in slum planning and development ● Creating awareness about disaster preparedness among slum dwellers ● Promoting the maintenance of public works and services in slum areas 	<ul style="list-style-type: none"> ● Implementing low cost sanitation and water supply schemes ● Mobilizing funds on beneficiary contributions and supply-driven design 	<ul style="list-style-type: none"> ● Developing effective funding schemes for slum improvement and sanitation ● Upgrading of existing slums by providing for basic safe drinking water and toilet facilities ● Activating the Urban Slum Dwellers Programme or any other central/state

				<p>programme for slum development in your area</p> <ul style="list-style-type: none"> ● Giving suggestions on formulation of an effective rural-urban migration policy to restrict migration
11	Urban poverty alleviation.	<ul style="list-style-type: none"> ● Integrating poverty struck into self-help groups ● Introducing employment generation activities among below poverty line people 	<ul style="list-style-type: none"> ● Determining the number of urban poor through sample surveys and mapping ● Ensuring food security when disaster strikes ● Evacuating urban poor to safer places in disaster aftermath ● Establishing temporary shelter for urban poor 	<ul style="list-style-type: none"> ● Introducing skill training and asset creation programmes for urban poor ● Establishing market linkages ● Ensuring minimum wages in both formal and non-formal sectors
12	Provision of urban amenities and facilities such as parks, gardens, playgrounds.	<ul style="list-style-type: none"> ● Providing for recreation centers in the urban planning itself 	<ul style="list-style-type: none"> ● Making use of open spaces like parks, playgrounds to mobilize people in disaster warning/aftermath 	<ul style="list-style-type: none"> ● Implementing spatial and environmental planning in urban areas
13	Promotion of cultural, educational and aesthetic aspects.	<ul style="list-style-type: none"> ● Establishing recreation centers in every locality 	<ul style="list-style-type: none"> ● Using cultural programmes to make people aware of disaster management and dealing with ensuing trauma 	<ul style="list-style-type: none"> ● Providing knowledge, skills and attitudes on disaster management through cultural programmes
14	Burials and burial grounds; cremations, cremation grounds; and electric crematoriums.	<ul style="list-style-type: none"> ● Establishing electric burial grounds in all areas ● Creating awareness about safe burial of bodies 	<ul style="list-style-type: none"> ● Ensuring proper disposal of dead bodies ● Identifying, Calculating and numbering bodies for last rites in disaster aftermath 	<ul style="list-style-type: none"> ● Setting up more electric crematoriums ● Disinfecting the burial and cremation grounds periodically

15	Cattle pounds; prevention of cruelty to animals.	<ul style="list-style-type: none"> ● Establishing slaughter houses outside the city ● Fencing farms to guard against stray animals 	<ul style="list-style-type: none"> ● Disposing of dead animals properly ● Removing injured animals from disaster site and taking them to vet centres 	<ul style="list-style-type: none"> ● Providing suggestions on formulation of a sound policy on prevention of cruelty against animals ● Regulating slaughter houses ● Setting up cow shelters ● Setting up of veterinary centres
16	Vital statistics including registration of births and deaths.	<ul style="list-style-type: none"> ● Ensuring proper registration of all births and deaths ● Providing ration cards/kisan cards/job cards on the basis of birth/death registration 	<ul style="list-style-type: none"> ● Assessing the number of deaths during disasters ● Arranging for compensation to the kith and kin of the dead 	<ul style="list-style-type: none"> ● Ensuring that registration takes place in municipalities ● Providing for coordination among different agencies for registration
17	Public amenities including street lighting, parking lots, bus stops and public conveniences.	<ul style="list-style-type: none"> ● Establishing infrastructural facilities 	<ul style="list-style-type: none"> ● Immediate restoration of infrastructural facilities 	<ul style="list-style-type: none"> ● Establishing infrastructural facilities
18	Regulation of slaughter houses and tanneries.	<ul style="list-style-type: none"> ● Providing licences to slaughter houses and tanneries ● Creating recycling plants 	<ul style="list-style-type: none"> ● Arranging for Safe disposal of wastes ● Ensuring wastes are not mixed with drinking water 	<ul style="list-style-type: none"> ● Implementing strict regulation laws and ensuring their adherence

*The Eleventh and Twelfth Schedules of the Constitution of India have vested powers with the Panchayati Raj Institutions and Urban Local Bodies respectively for formulating and executing programmes/schemes for development purposes. Based on detailed interaction with the participants of TNA Workshops in all States covered under the Project, efforts were made to integrate Disaster Preparedness; Response; and Recovery in each of the 29 Items listed in the Eleventh Schedule and 18 Items included in the Twelfth Schedule to be taken care of by the PRIs and ULBs while formulating and implementing Development Plans in their areas. It is expected that adequate handling of the items covered under these two Schedules shall prove to be of greater utility towards effective disaster management.