

**GOVERNMENT OF INDIA  
MINISTRY OF HOUSING AND URBAN AFFAIRS  
RAJYA SABHA  
UNSTARRED QUESTION NO. 846  
ANSWERED ON 27/07/2026**

**STORMWATER MANAGEMENT IN URBAN COASTAL AREAS OF ANDHRA  
PRADESH**

**846. SHRI SANA SATHISH BABU:**

**Will the Minister of *Housing and Urban Affairs* be pleased to state:**

- (a) the details of urban coastal cities in the State of Andhra Pradesh where stormwater management systems have been planned or approved along with their present status;
- (b) the research and studies undertaken by research institutions, academic institutions and other agencies on stormwater management in coastal cities of Andhra Pradesh, including Kakinada along with outcomes and achievements from the same; and
- (c) whether Government is aware of the research undertaken by the National Institute of Hydrology, Kakinada on Stormwater management, if so, the details of the research thereof?

**ANSWER**

**THE MINISTER OF STATE IN THE MINISTRY OF HOUSING AND URBAN AFFAIRS  
(SHRI TOKHAN SAHU)**

(a) to (c): Water is a State subject and management of storm water falls under the purview of the State Governments and the Urban Local Bodies (ULBs)/ Urban Development Authorities, who are responsible for maintaining the drainage and sewerage system. Government of India supplements the efforts of the States through schematic interventions/ advisories. It provides financial and technical support to the States through Missions/ schemes such as Atal Mission for Rejuvenation and Urban Transformation (AMRUT) and AMRUT 2.0 for improving the drainage infrastructure/ storm water drainage network.

Under AMRUT/ AMRUT 2.0, States/ Union Territories are empowered to select, appraise, prioritise and implement the projects. The cities/ ULBs assess their requirements and formulate projects, which on the recommendations of the State High Powered Committee are approved as part of State Water Action Plans by the Apex Committee at the Central level under the Missions.

Atal Mission for Rejuvenation and Urban Transformation (AMRUT) launched in the year 2015, inter alia, has a component on storm water drainage, which involved construction and improvement of drains/ storm water drains in order to reduce and eliminate flooding and creating green spaces and parks. Under AMRUT, 14 Storm Water Drainage projects worth ₹342.72 crore have been taken up by the State of Andhra Pradesh, which include 8 projects in the coastal cities

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of Kakinada, Machalipatnam, Nellore and Srikakulam. As per the status updated by the State on AMRUT portal, the details of storm water drainage projects in the coastal cities of Andhra Pradesh under AMRUT are given in Annexure.

Under AMRUT 2.0, rejuvenation of water bodies and wells is one of the main components. The admissible elements under this include harvesting the rainwater through storm water drains into water body (which is not receiving sewage/ effluent), creation/ strengthening of storm water drains around water body, etc. Under AMRUT 2.0, the State of Andhra Pradesh has taken up 194 water body rejuvenation projects worth ₹485.94 crore in different ULBs including those in the coastal areas. The details of the projects are available at the website <https://amrut.mohua.gov.in/approvedProjects/ulb/bE45Yjhjd3ovYVZaSnRUdTJpbnE0UT09>.

The ULBs and the State Government undertake various studies on urban issues from time to time as per their local requirements, in association with the research institutes and other agencies. The State of Andhra Pradesh has informed that Memorandum of Understanding (MoU) has been executed on 26.09.2025 between Municipal Administration and Urban Development Department (MA&UD), Government of Andhra Pradesh and School of Planning and Architecture (SPA) Vijayawada. The working group comprising SPAV, MA&UD, and other stakeholders has prepared a report on Comprehensive Drainage and Flood Mitigation (CDFM) Plan for the coastal cities of Andhra Pradesh. The study includes GIS-based flood-risk assessment, catchment-based planning, hydraulic modelling, coastal vulnerability assessment and prioritization of vulnerable coastal ULBs. The National Institute of Hydrology, Kakinada is also associated with the Working Group. The Kakinada Municipal Corporation has also developed an Urban Stormwater Flood Management Model for Kakinada City.

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**ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (c) OF RAJYA SABHA  
UNSTARRED QUESTION NO. 846 ANSWERED ON 27/07/2026 REGARDING  
“STORMWATER MANAGEMENT IN URBAN COASTAL AREAS OF ANDHRA  
PRADESH”**

**Storm Water Drainage projects taken up by the State of Andhra Pradesh in the Coastal  
Cities under AMRUT**

| <b>SI NO</b> | <b>City</b>   | <b>Title</b>                                                    | <b>Project Cost (In ₹ Cr.)</b> | <b>Work physically completed (₹in crore)</b> |
|--------------|---------------|-----------------------------------------------------------------|--------------------------------|----------------------------------------------|
| 1            | Kakinada      | Storm water drainage                                            | 13.81                          | Completed                                    |
| 2            |               | Storm water drainage - Phase II                                 | 74.81                          | Completed                                    |
| 3            | Machilipatnam | Construction of storm water outfall drainage network - Phase II | 7.93                           | Completed                                    |
| 4            |               | Construction of storm water outfall drainage network            | 11.09                          | 9.98                                         |
| 5            | Nellore       | Major storm water drains                                        | 23.91                          | 11.72                                        |
| 6            |               | Major storm water drains - Phase II                             | 58.11                          | 17.43                                        |
| 7            | Srikakulam    | Construction of major outfall drains                            | 14.37                          | 2.16                                         |
| 8            |               | Construction of major outfall drains - Phase II                 | 24.46                          | 3.67                                         |