When the water condition at particular sensor module reaches to an alarming level, an email is sent to the civic authorities. To send email PHP: hypertext preprocessor (PHP) language is used. This email is sent to both local as well as central authorities so that central authorities can direct local authorities to carry out necessary action. Sample PHP code to send email is:-

<? php

$to = "xyz@abc\_domain.com";

$subject = "temperature alarm!!!”;

$message = "<b>temperature at sensor module number DL345 is very high. </b>";

$message. = "<h1>Ganga action team. </h1>";

$header = "From:abc@xyz\_domain.com \r\n";

$header. = "Cc:afgh@somedomain.com \r\n";

$header. = "MIME-Version: 1.0\r\n";

$header. = "Content-type: text/html\r\n";

$retval = mail ($to, $subject, $message, $header);

if ( $retval == true )

{echo "Message sent successfully...";}

else {echo "Message could not be sent..."; }

?>

The email is sent automatic using simple functions of JavaScript. Also when any of the node is not working properly (when raspberry pi is switched off) an e-mail is sent to the local authorities.