

## **Calling All Coding Enthusiasts! Join Our Exciting Coding Competition for developing a Web Application!**

Are you a passionate coder ready to showcase your skills and compete against the best? **District Administration, Sivasagar** in collaboration with **District e-Governance Society, Sivasagar** and **NIC, Sivasagar** invite you to participate in our thrilling competition on “**WEB APPLICATION DESIGN/ DEVELOPMENT**” in view of celebration of **Sivasagar District Day on 1<sup>st</sup> July 2023 and Digital India Week** and put your programming prowess to the test. Whether you're a seasoned developer or just starting out, this is the perfect opportunity to challenge yourself and demonstrate your coding genius.

 Submission Deadline: 10<sup>th</sup> July 2023

 Submit Your source Code to: [nicsivdis@gmail.com](mailto:nicsivdis@gmail.com) along with following details:

- a) Name of the participant / participants
- b) Fathers name
- c) Gender
- d) Educational Qualification
- e) Contact Details
- f) Current occupation

★ Develop a web application with the following Functional Requirement:  
(\* Marked are mandatory and others are desired)

Types of Users: Admin, District Nodal Officer and Department User (for each department).

Roles of the User:

1. Admin:

- a. Create/Update/Deactivate Users
- b. Create/Update/Delete Departments
- c. Create/Update/Enable/Disable Scheme/Project/Target/Duration Details
- d. \* Each department will have individual Scheme/Project/Target/Duration Details. Entry form shall contain fields

for Department selection, Scheme/Project Name, Scheme/Project Description, Target Fixed (in numeric), Deadline (Date/Duration) & Remarks.

e. View Reports

f. View User Logs/ Login Activity Details

2. District Nodal Officer:

a. \*View all departments' reports.

b. \*View individual department wise report

c. View graphical visualization (Graph, Bar Chart, etc.) of reports.

d. \*View graphical visualization (Graph, Bar Chart, etc.) for department wise comparison.

e. \*Compare department wise achievements against each target and also shows trending (up/down) with earlier months reports.

f. Prepare rankings of departments on basis of percentage of achievements and shows trending (up/down) & highlight (red/green/orange) with earlier months reports

g. View User Logs/ Login Activity Details

h. \*Reports can be filtered on basis of time frame as well as department wise

i. Reports can be downloaded in PDF/Excel. \* Marked are mandatory and others are desired

3. Department:


a. \*Data entry of achievements against Scheme/Project/Target assigned for respective Department. *Entry form shall contain fields for Selection of Scheme/Project Name, Scheme/Project Description (only readable), Target Fixed (only readable), Deadline (only readable), Target Achieved entry, auto generated date time saved with submit button.*

b. \*View graphical visualization (Graph, Bar Chart, etc.) of reports

- c. No view for other Department's data
- d. View report of respective Department and View report history for 1 year.
- e. Reports can be downloaded in excel & Pdf.

### Technology Stack:


1. PHP/MySQL/PGSQL/JavaScript
2. Node/Mongo

 **Prize Money:** We believe in recognizing and rewarding exceptional talent. The winners of our coding competition will be eligible to win generous prize money and exciting rewards. The prize distribution is as follows:

 **First Place:** ₹10,000

 **Second Place:** ₹5,000

 **Third Place:** ₹3,000

 **Present Your Solution:** Upon submission, the top participants will be shortlisted to present their solutions to a distinguished jury panel. This presentation can be conducted either through a Virtual Conference (VC) or in person, depending on the feasibility and availability of participants.

Don't miss this incredible opportunity to showcase your coding skills, win amazing prizes, and connect with fellow coding enthusiasts. Mark your calendars, start coding, and get ready to make your mark in the world of programming!

For any further inquiries, please contact us at [nicsivdis@gmail.com](mailto:nicsivdis@gmail.com). We can't wait to see your coding brilliance in action!