

# URCE MODEL EAMCET/MAINS ONLINE EXAM



**USHA RAMA** EAMCET CODE: **URCE**  
COLLEGE OF ENGINEERING AND TECHNOLOGY



## Designed and Programmed by:

- © T.Jashwanth
- © G.Jaya Krishna(JK)

## Technologies used:

Frontend: Angular-7

Backend: MongoDB (V4)

Middleware: Loopback(API framework)

Developed at: Usha Rama Innovation & Incubation Center / Special Team - 2018-19

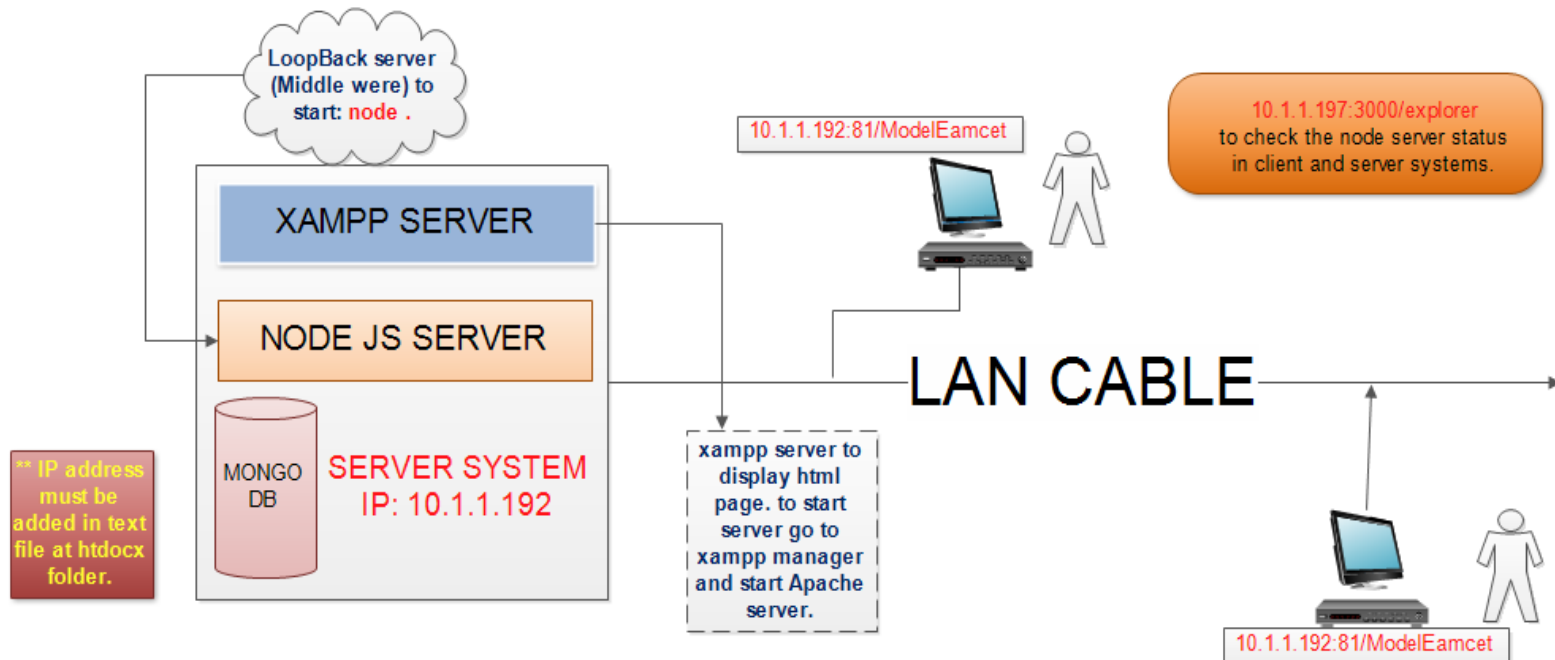
Department of Computer Science and Engineering, URCE

## Support team:

- © Satish, Meher, Nikhil, Saran, Rupa Sri, Jyothi, Pavani, Tarun, Manikanta

# SERVER SETUP

# Block Diagram



# Applications need to install

- Xampp



- Mongodb cli



mongoDB

- Mongodb Compass

- Node.js



- Loopback



LoopBack.io  
Node.js API Framework

# Install xampp server

Step 1 : Install xampp from bellow link

- <https://pureinfotech.com/install-xampp-windows-10/>

Step 2 : Setup xampp

- Copy the web file into “c:/xampp/htdocs” location.
- And rename the folder name **frontend to ModelEamcet**
- Update the system ip address in text file in frontend directory, which was copied to htdocx folder.

# Install MongoDB CLI and GUI

- Mongo CLI install video :
- <https://youtu.be/FwMwO8pXfq0>
- Mongo GUI install link:
- <https://www.mongodb.com/products/compass>

# Install node.js(Back end)

Node.js +  
npm setup

- <https://youtu.be/YL0Yk5GBxUE>

Install  
Loopback  
Cmd

- :> npm install -g loopback-cli

**setup**

- “after installation is done navigate to backend directory using cli and run the command npm i that generate nodemodules folder in existing directory”

# Start servers

- Start “**apache sever**” using xampp application which was installed earlier. This is our front end server.

Xampp



System ip:81/ModelEamcet

- Using cmd navigate to backend directory and type cmd “**node .**” (node space dot) to start our middleware sever.

loopback



System ip:4200/explorer

- Make sure your compass get ready to know the responses of candidate logins.

compass



Check it out in browser

# Generate the excel file

- Open [syst-ip:4200/explorer](http://syst-ip:4200/explorer) in broser and select urModel click on get request and request for results.
- Along with response in text box you can find link to view complete response, click on that and copy total data.
- Open json to csv online converter “<https://json-csv.com>” paste the data and download the your final excel file.



# Special features in this app

- Any time can able change questions and respective answers in either EAMCET/MAINS. (all are images and text file format)
- Any time can able change time of exam
- Any time can background image.
- \*Do not change file names and extinctions.
- \*Do follow same file name format to change question paper.(even and odd) seperately.

Scan to Download all files.



All the best hosting team

Good luck

The text 'Good luck' is rendered in a large, white, 3D sans-serif font. It is surrounded by a dense cloud of small, multi-colored rectangular confetti pieces in shades of red, green, blue, and yellow. The confetti is scattered both above and below the text, creating a festive and celebratory atmosphere. The entire graphic is set against a plain white background.