



Department of Computer Science & Engineering

CMR TECHNICAL CAMPUS

Kandlakoya (v), Medchal Road, Hyderabad-501401

CHIEF PATRON:

Sri. C. Gopal Reddy, **Chairman**
Smt. C. Vasantha Latha, **Secretary**

PATRONS:

Dr. A. Raji Reddy, **Director**

CONVENOR:

Dr. K. Srujan Raju,
HOD, CSE Department

HEAD COEDA

Mrs. Suwarna Gothane,
Assoc. Professor, CSE Dept.

CO-ORDINATORS

K.Pravallika,
Asst Prof, CSE Dept

STUDENTCORDINATOR

Anish Kumar, IV Year CSE
Shubham Raj Kamal, IV Year CSE
Pranav Reddy, IV Year CSE
Sriram Reddy, II Year CSE

Circular

Date:- 06-10-2017

Dear Students and Faculties,

On behalf of CMR Technical Campus, we have immense pleasure in inviting students to attend Workshop on “**CRUD Application Development**”, organized by the Department of Computer Science and Engineering, CMR Technical Campus, Hyderabad in association with **COEDA** to be held from 12th Oct 2017- 14th Oct2017.

This workshop is aimed at educating students about emerging technologies of present IT Scenario and advancement in data base for continuous improvement and growth. The workshop will help students to get live exposure about latest work in data science area.

Hence we request all COEDA member and non COEDA members to participate in workshop.

Venue: Seminar Hall –IV, Block D, CMRTC Hyderabad

Date and Time: 12th Oct 2017, 1:00 pm-4:00p.m.

13 and 14th Oct 2017, 9:20 a.m.-4:00 p. m

For further details kindly visit www.cmrtc.ac.in/coeda.

Thanking you and looking forward for your participation.

Thanking you,

Dr. K. Srujan Raju
Head – CSE Dept

NOTE:

REGISTRATION AMOUNT: 300 RS/-

STUDENTS HAS TO REGISTER THEIR NAMES TO COEDA STUDENT CORDINATORS

REGISTRATION WILL BE CLOSE BY MONDAY [LIMITED SEATS 60]

ALL STUDENT MUST CARRY LAPTOP FOR 3 DAYS

SPEAKER PROFILE:

RAVI SHANKAR KUMAR

Founder & CEO at Infochord Technologies Pvt. Ltd.

Hyderabad, Telangana, India

Computer Software



Current **Infochord Technologies Pvt. Ltd.**

Previous **LeadInfo Technologies Pvt. Ltd.,**
IGS Labs Technologies Pvt Ltd

Education **PonnaiyahRamajayam Institute of Science & Technology, Thanjavur**

CRUD Application Development

CRUD Application:

CRUD is an acronym for the four basic types of SQL commands: Create , Read , Update , Delete . Most applications have some kind of CRUD functionality, and we can assume that every programmer had to deal with CRUD at some point. A CRUD application is one that uses forms to get data into and out of a database.

CREATE, READ, UPDATE, DELETE (CRUD) -

When we are building APIs, we want our models to provide four basic types of functionality. The model must be able to Create, Read, Update, and Delete resources. Computer scientists often refer to these functions by the acronym CRUD.

A model should have the ability to perform at most these four functions in order to be complete. If an action cannot be described by one of these four operations, then it should potentially be a model of its own.

The CRUD paradigm is common in constructing web applications, because it provides a memorable framework for reminding developers of how to construct full, usable models.

For example, let's imagine a system to keep track of library books. In this hypothetical library database, we can imagine that there would be a **books** resource, which would store **book** objects.

Database Applications:

The acronym CRUD refers to all of the major functions that are implemented in relational database applications. Each letter in the acronym can map to a standard Structured Query Language (SQL) statement, Hypertext Transfer Protocol (HTTP) method (this is typically used to build RESTful APIs or Data Distribution Service (DDS) operation:

Operation	SQL	HTTP	RESTful WS	DDS
Create	INSERT	PUT / POST	POST	write
Read (Retrieve)	SELECT	GET	GET	read / take
Update (Modify)	UPDATE	PUT / POST / PATCH	PUT	write
Delete (Destroy)	DELETE	DELETE	DELETE	dispose

The comparison of the database oriented CRUD operations to the HTTP methods has some flaws. Strictly speaking, both PUT and POST can create resources; the key difference is that POST leaves it up to the server to decide at what URI to make the new resource available, while PUT dictates what URI to use; URIs as a concept do not align neatly with CRUD. The significant point about PUT is that it will replace whatever resource the URI was previously referring to with a brand new version, hence the PUT method being listed for Update as well. PUT is a 'replace' operation, which one could argue is not 'update'.

Although a relational database provides a common persistence layer in software applications, numerous other persistence layers exist. CRUD functionality can for example be implemented with object databases, XML databases, flat text files, or custom file formats.

User Interface:

CRUD is also relevant at the user interface level of most applications. For example, in address book software, the basic storage unit is an individual contact entry. As a bare minimum, the software must allow the user to

Create or add new entries

Read, retrieve, search, or view existing entries

Update or edit existing entries

Delete/deactivate/remove existing entries

LIST Of Students Attended for certification:

S.NO	ROLL NUMBER	NAME	SECTION	YEAR
1	167R1A0565	A.SAI JYOTHI	CSE-B	II Year
2	167R1A0568	B.PAVAN KUMAR	CSE-B	II Year
3	167R1A0570	B.BHAVANA	CSE-B	II Year
4	167R1A0573	B. ANUSHA	CSE-B	II Year
5	167R1A0593	P.CHANDRIKA SAI	CSE-B	II Year
6	167R1A0599	SAHASRANSU KUMAR	CSE-B	II Year
7	167R1A05A5	T.SPANDANA	CSE-B	II Year
8	167R1A05B5	T. LAKSHMI PRASANNA	CSE-B	II Year
9	177R1A0502	K.RAVALIKA	CSE-B	II Year
10	157R1A0575	G.SANJANA	CSE-B	III Year
11	167R1A05F5	M.VAISHNAVI	CSE-C	II Year
12	167R1A05G9	VENKAT ROHAN	CSE-C	II Year
13	167R1A05J1	B.NAVEEN REDDY	CSE-D	II Year
14	167R1A05J2	A.AKHIL	CSE-D	II Year
15	167R1A05J3	B. VENKAT RAMANA	CSE-D	II Year
16	167R1A05J5	B. HARSHITH REDDY	CSE-D	II Year
17	167R1A05J6	A.VINEETH	CSE-D	II Year
18	167R1A05J8	B.MADHU SUDHAN	CSE-D	II Year
19	167R1A05K3	K.SAI ANISH	CSE-D	II Year
20	167R1A05K9	M.ANUSHA	CSE-D	II Year
21	167R1A05L0	K.MANASWINI	CSE-D	II Year
22	167R1A05L2	K.MANJARI	CSE-D	II Year
23	167R1A05L3	M.AKHILA	CSE-D	II Year
24	167R1A05M4	M.YOGENDRA	CSE-D	II Year
25	167R1A05M6	M.SREEVATHSAVA	CSE-D	II Year
26	167R1A05M9	S.PALLAVI	CSE-D	II Year
27	167R1A05N0	P.YOGALAXMI	CSE-D	II Year
28	167R1A05N1	S.PRASHANTH	CSE-D	II Year
29	167R1A05N2	P.SUSHMITHA REDDY	CSE-D	II Year
30	167R1A05N3	T.SANTHOSH REDDY	CSE-D	II Year
31	167R1A05N4	SANDEEP GUPTA	CSE-D	II Year
32	167R1A05N5	T.SAI KRISHNA	CSE-D	II Year
33	167R1A05N7	J.R.ARUNDHATHI	CSE-D	II Year
34	167R1A05N9	PRASHANTH RAO	CSE-D	II Year
35	167R1A05P0	SAPNA JHA	CSE-D	II Year
36	167R1A05P4	T.HEMA RAJESHWARI	CSE-D	II Year
37	167R1A05P5	VSS. SRI HARSHA	CSE-D	II Year
38	167R1A05P9	MAYANK YADAV	CSE-D	II Year



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Pranav Reddy, IV Year CSE
Sriram Reddy, II Year CSE

Date:- 10-10-2017

Invitation for Valedictory Program of CRUD Application Development

Dear Sir/Madam,

Greetings of the Day!!!

On behalf of CMR Technical Campus, we have immense pleasure to invite for celebrating the success of "**CRUD Application Development Workshop**", organized by the Department of Computer Science and Engineering, CMR Technical Campus, Hyderabad in association with **COEDA** to be held from 12th Oct 2017- 14th Oct2017.

This workshop is aimed at educating students about emerging technologies of present IT Scenario and advancement in data base for continuous improvement and growth. The workshop will help students to get live exposure about latest work in data science area.

Venue: NCCL III, D-Block, CMR Technical Campus, Hyderabad

Date and Time: 14-10-2017, 03:00 P.M.

For further details kindly visit www.cmrtc.ac.in/coeda.

Thanking you,

Dr. K. Srujan Raju
Head – CSE Dept







CERTIFICATE OF APPRECIATION

We appreciate **K.Pravallika [Asst. Professor CSE Dept.]** for her valuable Support during the conduct of 2 days workshop [13th - 14th October 2017] on **CRUD APPLICATION** organized by **Infochord Technologies Pvt. Ltd.** At **CMR TECHNICAL CAMPUS-HYDERABAD.**

We wish you every success in life.

For, Infochord Technologies Pvt. Ltd

Director



CERTIFICATE OF PARTICIPATION

This is to certify that **M.VAISHNAVI** Roll No. **167R1A05F5** student of **(CMR TECHNICAL CAMPUS-HYDERABAD)** pursuing (B.Tech), participated in Two days workshop[13th & 14th October 2017] on **CRUD APPLICATION** organized by **Infochord Technologies Pvt. Ltd.** At **CMR TECHNICAL CAMPUS-HYDERABAD**.

We wish you every success in life

For, Infochord Technologies Pvt. Ltd

Director

