



**NARSIMHA REDDY
ENGINEERING COLLEGE**

An Autonomous Institution | Affiliated to JNTUH | Approved by AICTE
Accredited by NBA & NAAC with 'A' Grade

Event Report
Four-Day Workshop
on
“Hands-on Low-Level Design: From Concept to Code”



Organized by

Department of Computer Science and Engineering

In association with

CSI Student Branch & Institution's Innovation Council (IIC)

Dates: From 19th July 2025 to 23rd July 2025

Submitted by

Mr. Paindla Thirupathi

Assistant Professor, CSE-Dept

And

Mr. Ramgiri Manoj Kumar

Assistant Professor, CSE-Dept



your roots to success.

NARSIMHA REDDY ENGINEERING COLLEGE (UGC-AUTONOMOUS)

Approved by AICTE, Affiliated to JNTUH Accredited by NBA & NAAC with 'A' Grade

Maisammaguda, Kompally, Secunderabad – 500100

Maisammaguda (V), Dhulapally (P)
Near Kompally, Medchal (M), Secunderabad – 500 100.

✉ principal@nrcmec.org

☎ 9949092454 🌐 www.nrcmec.org



NARSIMHA REDDY ENGINEERING COLLEGE

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Hyderabad,
07-07-2025

From:

Mr. Paindla Thirupathi
Assistant Professor & Coordinator
Department of Computer Science and Engineering
Narsimha Reddy Engineering College (Autonomous)
Secunderabad, Telangana - 500100
Ph. No: 09000343317

To

The Principal
Narsimha Reddy Engineering College (Autonomous)
Secunderabad, Telangana - 500100

Respected Sir,

Sub: Request for Permission to Conduct Four-Day Workshop on “Hands-on Low-Level Design: From Concept to Code” – Reg.

We are glad to inform you that the **Department of Computer Science and Engineering** in association with the **NRCM CSI Student Branch** and the **Institution's Innovation Council (IIC)**, is planning to organize a **Four-Day Workshop** titled “Hands-on Low-Level Design: From Concept to Code” from **19th July 2025 to 23rd July 2025**.

The workshop aims to provide students with practical exposure to system low-level design, object-oriented principles, design patterns, and coding best practices. It will include expert sessions, hands-on exercises, and interactive discussions to enhance the learning experience.

In this regard, I kindly request your permission to organize this workshop at our institution. Your approval and encouragement will be vital for the successful conduct of this program.

Thanking you in anticipation.

Encl:

1) Rough Budget

Yours faithfully,
Mr. Paindla Thirupathi
Asst. Professor & Coordinator
Department of CSE

Stamp:
NARSIMHA REDDY ENGINEERING COLLEGE
Autonomous Institution
Sy. No. 518, Maisammaguda (V), Dhulapally (P),
Medchal (M & Dist.), Hyderabad 500100

Maisammaguda (V), Dhulapally (P)
Near Kompally, Medchal (M), Secunderabad – 500 100.
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Rough Budget Estimate

The following is the estimated expenditure for organizing the Four-Day Workshop on “**Hands-on Low-Level Design: From Concept to Code**”, jointly organized by the **Department of Computer Science and Engineering, NRCM CSI Student Branch, and Institution's Innovation Council (IIC)**.

S. No	Particulars	Estimated Amount (INR)
1	Honorarium to Resource Persons (₹ 6,000 per session × 4 Days)	₹24,000/-
2	Travel Allowance (TA) for External Resource Persons	₹ 4,000/-
3	Accommodation & Hospitality for Guests	₹ 4,000/-
4	Workshop Kit (Notepad, Pen, ID cards, Certificates etc.)	₹10,000/-
5	Working Lunch and Refreshments (₹ 2000 × 4 days)	₹ 8,000/-
6	Publicity, Banners, Printing, Certificates	₹ 6,000/-
7	Technical Support, Lab Setup, Miscellaneous Expenses	₹ 6,000/-
Total Estimated Expenditure		₹62,000/-



(Mr. Paindla Thirupathi)

Asst. Prof. & Coordinator

PRINCIPAL
NARSIMHA REDDY ENGINEERING COLLEGE
UGC AUTONOMOUS
No. 518, Maisammaguda (V), Dhulapally (P),
Medchal (M), Secunderabad - 500 100.

For The Department
of Computer Science & Engineering
NARSIMHA REDDY ENGINEERING COLLEGE
UGC AUTONOMOUS
No. 518, Maisammaguda (V), Dhulapally (P),
Medchal (M), Secunderabad - 500 100.



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Hyderabad,
07-07-2025

From

Mr. P. Thirupathi
Assistant Professor & Workshop Coordinator
Department of Computer Science and Engineering
Narsimha Reddy Engineering College (Autonomous)
Secunderabad, Telangana State, India – 500100
Ph. No: 09000343317

To

The Principal
Narsimha Reddy Engineering College (Autonomous)
Secunderabad, Telangana State, India – 500100

Respected Sir,

Sub: Request for Utilization of IT Park 102 (James Gosling Zone) for Four-Day Workshop – Reg.

I am pleased to inform you that the **Department of Computer Science and Engineering**, in association with the **NRCM CSI Student Branch** and **Institution's Innovation Council (IIC)**, is organizing a **Four-Day Workshop** on **“Hands-on Low-Level Design: From Concept to Code”**, scheduled from **19th July 2025 to 23rd July 2025**.

In this regard, I kindly request your permission to utilize **IT Park Room 102 (James Gosling Zone)** as the venue for conducting the sessions throughout the workshop duration.

Your approval and support in facilitating the smooth conduct of this academic event will be highly appreciated.

Yours faithfully,

(Mr. Paindla Thirupathi)

Asst. Prof. & Coordinator

Department of CSE

Principal
NARSIMHA REDDY ENGINEERING COLLEGE
(Autonomous)
Secunderabad, Telangana State, India – 500100

Mr. P. Thirupathi
Assistant Professor & Workshop Coordinator
Department of Computer Science and Engineering
Narsimha Reddy Engineering College (Autonomous)
Secunderabad, Telangana State, India – 500100

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Date: 09-07-2025

APPROVAL LETTER

To
Mr. P. Thirupathi
Assistant Professor & Workshop Coordinator
Department of Computer Science and Engineering
Narsimha Reddy Engineering College (Autonomous)
Secunderabad, Telangana State – 500100
Ph. No: 09000343317

Subject: Approval for Conducting Four-Day Workshop – Reg.

Sir,

With reference to your proposal and subsequent discussions with the Director and Management, we are pleased to inform you that your request to organize a **Four-Day Workshop** on “**Hands-on Low-Level Design: From Concept to Code**”, scheduled from **19th July 2025 to 23rd July 2025**, has been **APPROVED**.

You are hereby authorized to proceed with the conduct of the workshop as scheduled. We appreciate the initiative and efforts of the **Department of Computer Science and Engineering**, in collaboration with the **NRCM CSI Student Branch** and **Institution's Innovation Council (IIC)**, in organizing this valuable academic programme.

Kindly proceed with the necessary arrangements to ensure the smooth and successful execution of the workshop.



PRINCIPAL

PRINCIPAL

NARSIMHA REDDY ENGINEERING COLLEGE
UGC AUTONOMOUS
Sy.No. 518, Maisammaguda (V), Dhulapally (P)
Medchal M & Dist., Hyderabad-500100 T.G

Copy to:

1. Director – for information
2. Finance Committee – for necessary action
3. Dean – R&D

Cc to: The Chairman – for kind information

Date: 14-07-2025

CIRCULAR

The Department of Computer Science and Engineering (CSE), in association with the NRCM CSI Student Branch and the Institution's Innovation Council (IIC), is organizing a **Four-Day Workshop** on: **"Hands-on Low-Level Design: From Concept to Code"** scheduled from 19th July 2025 to 23rd July 2025

Students who are interested in enhancing their understanding of system-level design, object-oriented principles, and modular coding practices are encouraged to register with the concerned coordinator. Your active participation will be greatly appreciated and will contribute to the overall success of the workshop.


HoD CSE

Copy to:

1. The Director – for kind information
2. Vice Principal
3. All HODs – to circulate among faculty and students
4. Controller of Examinations (CoE)
5. GM, HR & Deans
6. Canteen & Hostel
7. Transport Department

Cc to: The Chairman – for kind information

Head of The Department of Computer Science and Engineering
NARSIMHA REDDY ENGINEERING COLLEGE
UGC AUTO
S, No. 318, Maisamma,
Medchal - M & Dist., Hyderabad - 500 083



NARSIMHA REDDY ENGINEERING COLLEGE

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Invitation

DEPARTMENT OF CSE

Invitation

The Management, Director, Principal and Staff are
immensely pleased to invite you to grace the

A Four Day Workshop on Hands-on Low-Level Design: From Concepts to Code

19-22, July, 2025 | At 09:30 Am

VENUE: IT PARK 102

In the presence of

Sri. Jakkula Narsimha Reddy
Chairman

Sri. Jakkula Trishul Reddy
Secretary

Sri. Jakkula Thrilok Reddy
Treasurer

Dr. A. Mohan
Director

Dr. R. Lokanadham
Principal



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Event Poster



DEPARTMENT OF CSE

Organizes

A FOUR DAY WORKSHOP ON HANDS-ON
LOW-LEVEL DESIGN: FROM CONCEPTS TO CODE

19-22 July, 2025 | At 09:30 Am



SANDEEP KUMAR

FOUNDER BEING ZERO PVT LTD & EX. GOOGLE LEAD

Coordinators
Mr. Paindla Thirupathi
Mr. Ramagiri Manoj

Dr. Gandikota Ramu
HoD CSE

**NARSIMHA REDDY
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ATTENDANCE SHEET Department of Computer Science and Engineering Four-Day Workshop on “Hands-on Low-Level Design: From Concept to Code”

S.No.	Roll Number	Name of the Student	Section	Year	19-07	21-07	22-07	23-07
1	22X01A0416	Ch Maha Lakshmi Satya Durga	ECE-A	4	Medha	Medha	Medha	Medha
2	22X01A0439	GOPI NAVYA	ECE-A	4	Ravee	Ravee	Ravee	Ravee
3	22X01A04B0	SREEPATHI ARUNKUMAR	ECE-B	4	Arun	Arun	Arun	Arun
4	22X01A0508	ANDOLE SREEJA	CSE-A	4	S	S	S	S
5	22X01A0530	BEDDALA POOJITHA	CSE-A	4	P	P	P	P
6	22X01A0566	GADDIGOPULA MEGHANA	CSE-A	4	M	M	M	M
7	22X01A0567	G. GRACENALINI	CSE-A	4	G	G	G	G
8	22X01A0575	GUGULOTHU VENKAT	CSE-B	4	AB	AB	AB	AB
9	22X01A0579	HARSHA GANESH KARLE	CSE-B	4	G	G	G	G
10	22X01A0598	KODIGELA ABHIGNA	CSE-B	4	A	A	A	A
11	22X01A05B0	LIKKI LEELAVARDHAN	CSE-B	4	L	L	L	L
12	22X01A05C5	MANTHENA MANASA	CSE-B	4	M	M	M	M
13	22X01A05D1	MOHAMMAD IMROSE	CSE-B	4	I	I	I	I
14	22X01A05E2	NOUNDLA PRABHAVA SRI	CSE-C	4	P	P	P	P
15	22X01A05E4	P SAMSON	CSE-C	4	S	S	S	S
16	22X01A05E7	PALLAVI PATIL	CSE-C	4	P	P	P	P
17	22X01A05F0	PATHRI POOJITHA	CSE-C	4	P	P	P	P
18	22X01A05F1	PATTI HARSHINI	CSE-C	4	H	H	H	H
19	22X01A05F2	PEDAPATI RANI	CSE-C	4	P	P	P	P
20	22X01A05F4	PENTHALA ISHWARYA	CSE-C	4	I	I	I	I
21	22X01A05F5	POLEPONGU VINUSHA	CSE-C	4	V	V	V	V
22	22X01A05F7	PUPPALA BHARATH RAJ	CSE-C	4	B	B	B	B
23	22X01A05G4	SATLA PRAVALIKA	CSE-C	4	AB	AB	AB	AB
24	22X01A05G7	SHAIKH MUSTAFA	CSE-C	4	M	M	M	M
25	22X01A05H3	SWAMULAPALLY RAVINDRA	CSE-C	4	R	R	R	R

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S.No.	Roll Number	Name of the Student	Section	Year	19-07	21-07	22-07	23-07
26	22X01A0510	U SRINUVASULA REDDY	CSE-C	4	<i>U</i>	<i>U</i>	<i>U</i>	<i>U</i>
27	22X01A6203	B RAMUDU	CS	4	<i>B</i>	<i>B</i>	<i>B</i>	<i>B</i>
28	22X01A6603	ANAGANTI RUKSHITH	AIML	4	<i>A</i>	<i>A</i>	<i>A</i>	<i>A</i>
29	22x01a6641	PRABHAKAR CHAUBEY	AIML	4	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>
30	22X01A6644	RAHUL KUMAR	AIML	4	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>
31	22x01a6647	SAMALA SINDHU PRIYA	AIML	4	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>
32	22X01A6705	BATHALI BHOO MIKA	DS	4	<i>B</i>	<i>B</i>	<i>B</i>	<i>B</i>
33	22X01A6713	DARA INDHU	DS	4	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>
34	22X01A6731	KOTA SHARMILA REDDY	DS	4	<i>K</i>	<i>K</i>	<i>K</i>	<i>K</i>
35	22X01A6741	MEENAPALLY ARCHANA	DS	4	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>
36	22x01a6761	SUGGALA VIKAS	DS	4	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>
37	22X01A6762	TAKKELLAPATI SUJANA	DS	4	<i>T</i>	<i>T</i>	<i>T</i>	<i>T</i>
38	23X01A0511	Andhugula Sharanya	CSE-A	3	<i>A</i>	<i>A</i>	<i>A</i>	<i>A</i>
39	23X01A0580	Chiranjeevi Sowmya	CSE-B	3	<i>C</i>	<i>C</i>	<i>C</i>	<i>C</i>
40	23X01A0583	Chittam Shivani	CSE-B	3	<i>C</i>	<i>C</i>	<i>C</i>	<i>C</i>
41	23X01A0585	Chukka Manasa	CSE-B	3	<i>C</i>	<i>C</i>	<i>C</i>	<i>C</i>
42	23X01A0592	Davat Varalaxmi	CSE-B	3	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>
43	23X01A05AJ	Vaishnavi Putta	CSE-F	3	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>
44	23X01A05AK	Vaka Dola Neelima	CSE-F	3	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>
45	23X01A05AL	Valluri Rahul	CSE-F	3	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>
46	23X01A05AO	Vittanala Devi Prasanna	CSE-F	3	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>
47	23X01A05AR	Yalla Bhavya Alokya	CSE-F	3	<i>Y</i>	<i>Y</i>	<i>Y</i>	<i>Y</i>
48	23X01A05AY	Mamidi Harika	CSE-F	3	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>
49	23X01A05C0	Gajendrula Bindu Priya	CSE-B	3	<i>G</i>	<i>G</i>	<i>G</i>	<i>G</i>
50	23X01A05C1	Gajula Umesh Chandra	CSE-B	3	<i>G</i>	<i>G</i>	<i>G</i>	<i>G</i>
51	23X01A05G3	Karegama Vijay Kumar	CSE-C	3	<i>K</i>	<i>K</i>	<i>K</i>	<i>K</i>
52	23X01A05H2	Katteboina Shiva Ganesh	CSE-C	3	<i>K</i>	<i>K</i>	<i>K</i>	<i>K</i>
53	23X01A05H4	Keshireddy Shashank Reddy	CSE-C	3	<i>K</i>	<i>K</i>	<i>K</i>	<i>K</i>
54	23X01A05H8	Kojjolla Divya	CSE-C	3	<i>K</i>	<i>K</i>	<i>K</i>	<i>K</i>
55	23X01A05R1	P Krithika Goud	CSE-E	3	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>

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☎ 9949092454 🌐 www.nrcmec.org

S.No.	Roll Number	Name of the Student	Section	Year	19-07	21-07	22-07	23-07
56	23X01A05R6	Palle Abhiram	CSE-E	3	Abh	Abh	Abh	Abh
57	23X01A05S1	Panasa Tejashwini	CSE-E	3	Tj	Tj	Tj	Tj
58	23X01A05S3	Parnandhi Premkumar	CSE-E	3	PR	PR	PR	PR
59	23X01A05V7	Reddem Varshith Reddy	CSE-E	3	Valm	Valm	Valm	Valm
60	23X01A05W1	Sakkineti Mounika	CSE-F	3	Sym	Sym	Sym	Sym
61	23X01A05W4	Saniya Mahek	CSE-F	3	SM	SM	SM	SM
62	23X01A05W5	Sara Snehitha	CSE-F	3	sneh	sneh	sneh	sneh
63	23X01A05W8	Shaik Faiz Anwar	CSE-F	3	Fue	Fue	Fue	Fue
64	23X01A05X2	Sidharth Biswas	CSE-F	3	S	S	S	S
65	23X01A05X3	Sidigidda Kavya	CSE-F	3	Kavya	Kavya	Kavya	Kavya
66	23X01A05X4	Sikha Enos	CSE-F	3	Enos	Enos	Enos	Enos
67	23X01A05X5	Silamkoti Akiranandhan	CSE-F	3	AK	AK	AK	AK
68	23X01A05X9	Srigari Vidya	CSE-F	3	AB	Vas	Vas	AB
69	23X01A05Y0	Sriramula Soumya	CSE-F	3	Syf	Syf	Syf	Syf
70	23X01A05Y4	Sunkari Harshini	CSE-F	3	hash	hash	hash	hash
71	23x01a05y8	Tandra Akshaya	CSE-F	3	Ash	Ash	Ash	Ash
72	23X01A05Z0	Tellamekala Balaji	CSE-F	3	TK	TK	TK	TK
73	23X01A05Z1	Tene Vinay	CSE-F	3	Vinay	Vinay	Vinay	Vinay
74	23X01A05Z3	Thalla Ramya Sri	CSE-F	3	Ramya	Ramya	Ramya	Ramya
75	23X01A05Z4	Thallapally Varshitha	CSE-F	3	Valm	Valm	Valm	Valm
76	23X01A05Z5	Thallapelly Dhanush	CSE-F	3	Dhan	Dhan	Dhan	Dhan
77	23X01A05Z7	Thatipalli Divya	CSE-F	3	Div	Div	Div	Div
78	23X01A05Z8	Thoudupunoori Vedhasree	CSE-F	3	AB	Vedha	AB	Vedha
79	23X01A05Z9	Tinetla Vaishnavi	CSE-F	3	Vaish	Vaish	Vaish	Vaish
80	23X05A0205	ASHOK PRADHAN	EEE	4	Pan	Pan	Pan	Pan
81	23X05A0216	D KRISHNA PRASAD	EEE	4	KP	KP	KP	KP
82	23X05A0241	PANCHALA AKHILA	EEE	4	Akh	Akh	Akh	Akh
83	23X05A0245	SIRIKONDA HARIKIRAN	EEE	4	Hari	Hari	Hari	Hari
84	23X05A0505	CHETLA SAI KIRAN	CSE-C	4	Sai	Sai	Sai	Sai
85	23X05A0507	G SRI VARSHITHA	CSE-C	4	Var	Var	Var	Var

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Est'd 2007

S.No.	Roll Number	Name of the Student	Section	Year	19-07	21-07	22-07	23-07
86	23X05A0508	GUNDALA MANIKANTA	CSE-C	4	AB	AB	AB	AB
87	23X05A0520	THAPPETLA SAI CHARAN	CSE-C	4	Say	Say	Say	Say
88	23X05A6605	LINGAM DURYODHANA	AIML	4	Det	Det	Det	Det
89	23X05A6606	NASKANTI NITHIN	AIML	4	Net	Net	Net	Net
90	23X05A6608	SABBANI RISHITHA	AIML	4	P	P	P	P
91	24X05A0504	BODDUNA AKHILA	CSE-A	3	AB	AB	AB	AB
92	24X05A0508	CHINTAJU PRANATHI	CSE-B	3	P	P	P	P
93	24X05A0509	CHIRANJI ABHIRAM	CSE-B	3	AB	AB	AB	AB
94	24X05A0511	DAIVALA ANKITHA .	CSE-B	3	An	AB	An	An
95	24X05A0535	SARGU NITHIN	CSE-F	3	Net	Net	Net	Net
96	24X05A0537	V MANMOHAN SINGH	CSE-F	3	Say	Say	Say	Say
97	22X01A6748	NUNNA YUGANDHAR	DS	4	Say	Say	Say	Say
98	22X01A6262	UPPALA SRIVANI	CS	4	Sy	Sy	Sy	Sy
99	22X01A05E5	P VAISHNAVI	CSE-C	4	Vay	Vay	Vay	Vay
100	22X01A05A8	K. RAGHU	CSE-B	4	P	P	P	P


Coordinator


Hod-CSE

Head of The
School of Computer Engineering
NARSIMHA REDDY ENGINEERING COLLEGE
S.No 518, Maisammaguda (V), Dhulapally (P),
Medchal (M & Dist) Secunderabad - 500 100.

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**Department of Computer Science and Engineering
Event Report**

Date: 24-07-2025

Academic Year	2025–2026
Name of the Program	Hands-on Low-Level Design: From Concept to Code
Event Type	Student Technical Workshop
In association with	NRCM CSI Student Branch and the Institution's Innovation Council (IIC)
Dates	19th July 2025 to 23rd July 2025
Time	09:30 AM to 4:00 PM
Venue	IT Park 102 (James Gosling Zone), Narsimha Reddy Engineering College (Autonomous)
Chief Guests /Dignitaries Present	Shri Jakkula Narsimha Reddy, Chairman Shri Trishul Reddy, Secretary Shri Trilok Reddy, Treasurer Dr. A. Mohan, Director Dr. R. Lokanadham, Principal Dr. G. Ramu, HOD, Department of CSE And All the Deans of the Departments
Resource Person:	Mr. Sandeep Kumar, Founder Being Zero Pvt Ltd &Ex. Google lead
Event Coordinators	Mr. P. Thirupathi, Assistant Professor, Dept. of CSE Mr. R. Manoj Kumar, Assistant Professor, Dept. of CSE
Number of Participants	100

Brief Report

Inauguration

The workshop began with a formal inauguration in the presence of the esteemed dignitaries.

- **Shri Jakkula Narsimha Reddy**, Chairman, welcomed the gathering and highlighted the importance of strong design fundamentals in building scalable systems.
- **Shri Trishull Reddy**, Secretary, and **Shri Trilok Reddy**, Treasurer, extended their best wishes.
- **Dr. A. Mohan**, Director, and **Dr. R. Lokanadham**, Principal, addressed the participants, emphasizing industry relevance and employability skills.
- **Dr. G. Ramu**, HOD of CSE, appreciated the department's efforts and encouraged students to make the most of the hands-on sessions.

- The workshop coordinators then introduced the theme, objectives, and day-wise schedule of the program.

Trainer Introduction

The sessions were led by **Mr. Sandeep Kumar**, a highly accomplished trainer and founder of **Being Zero Pvt. Ltd.**, based in Hyderabad, Telangana. With over 5,600 followers on LinkedIn, Mr. Sandeep is widely respected in the tech education community for his expertise in:

- **System Design & Software Architecture**
- **Data Structures and Algorithms (DSA)**
- **Problem Solving for Product-Based Companies**

Through his role at Being Zero, he has mentored thousands of students and working professionals in mastering low-level design concepts, coding best practices, and technical interview preparation. His teaching style is hands-on, structured, and focused on real-world application, making complex concepts accessible and engaging.

Mr. Sandeep's contribution to this workshop significantly enhanced its value by offering participants deep insights into interview-oriented design thinking and clean, modular coding techniques.

Training Objective:

The primary aim of the workshop was to equip students with:

- Mastery of **Object-Oriented Design (OOD)** principles
- Application of **industry-standard design patterns**
- Skills to write **modular, clean, and maintainable code**
- Exposure to **real-time design thinking** and **mock interview scenarios**

Training Schedule:

Day 1 – Fundamentals & UML

- Introduction to System Design: LLD vs HLD
- SOLID Principles, DRY, YAGNI
- Object-Oriented Design Concepts
- UML Diagrams: Class and Sequence

Day 2 – Design Patterns & Best Practices

- Overview of Design Patterns
- Creational, Structural, Behavioral
- Patterns in Practice
- Singleton, Factory, Strategy, Observer
- Layered Architecture & Clean Code

Day 3 – Case Studies & Real-Time Designs

- Design Exercises for:
 - Parking Lot
 - BookMyShow
 - Library Management System

- Library Management System

- Component-Based Architecture, Interfaces, Modular Design

Day 4 – Hands-On Practice & Mock Interviews

- Live Problem Solving by Participants
- Mock Technical Interview Rounds
- Expert Panel Feedback and Guidance
- Interview Tips and Learning Resources

Outcomes:

- Strengthened fundamentals in **system-level software design**
- Exposure to **interview-focused design questions**
- Confidence in translating design into working code
- Development of **team-based mini projects and UML documentation**

PO Highlights Mapped

PO1, PO2, PO3, PO4, PO5, PO9, PO10, PO12 are strongly addressed with workshop.

Valedictory Session

The workshop concluded with a heartfelt **Valedictory Ceremony**, marking the successful culmination of four days of immersive learning and practical engagement.

- **Dr. R. Lokanadham**, Principal, lauded the enthusiasm, discipline, and active participation of the students. He emphasized the significance of **continuous learning, technical depth**, and staying aligned with evolving industry standards.
- **Dr. A. Mohan**, Director, appreciated the department's efforts in organizing such a career-focused and skill-enhancing workshop. He stressed the importance of integrating **hands-on training** into academic life to improve **employability and industry readiness** among students.
- **Dr. G. Ramu**, Head of the Department – CSE, extended his sincere appreciation to **Mr. Sandeep Kumar** for delivering impactful sessions. He highlighted how the workshop effectively bridged the gap between **academic knowledge and practical software engineering**, particularly in the context of **System Design**.
- As a token of appreciation, the department presented a **Sanmanam (Felicitation)** to **Mr. Sandeep Kumar** in recognition of his outstanding contribution and dedicated efforts during the four-day workshop.
- **Certificates of Participation** were awarded to all attendees who successfully completed the workshop with active involvement.
- A few selected participants shared their experiences, expressing how the sessions improved their grasp of **Low-Level Design principles**, enhanced their **problem-solving skills**, and prepared them better for **technical interviews**.
- The event concluded with a **formal Vote of Thanks** by the coordinators, acknowledging the support and guidance of the **Management, Principal, Director, Trainer, Faculty Members**, and **Student Volunteers** in making the workshop a grand success.



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Conclusion:

The **Four-Day Workshop** was a resounding success, providing students with the technical depth and interview readiness needed in today's software industry. The Department of CSE sincerely thanks the **Management, Director, Principal, HOD, Trainer, Faculty, and Student Volunteers** for their invaluable contributions to making the event impactful.

Coordinator

1) Mr. P Thirupathi

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2) Mr. R Manoj Kumar

-

Hod-CSE

Head of The Department
School of Computer Science & Engineering
NARSIMHA REDDY ENGINEERING COLLEGE
UGC AUTONOMOUS
Sy.No. 518, Maisammaguda (V), Dhulapally (P),
Medchal (M & Dist.), Hyderabad 500100

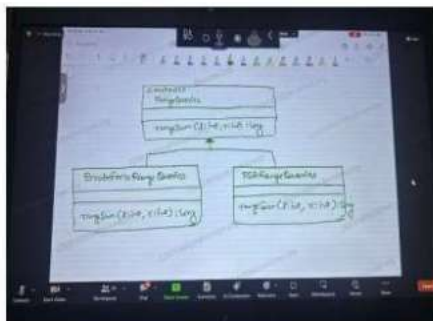
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Glimpses of the Workshop on “Hands-on Low-Level Design: From Concept to Code”



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Felicitation Photo



Felicitation of Workshop Trainer Mr. Sandeep Kumar, by Dr. A. Mohan, Director, Narsimha Reddy Engineering College, in recognition of valuable contribution as the resource person for the workshop.

Workshop Evaluation Form- *Hands-on Low-Level Design: From Concept to Code*

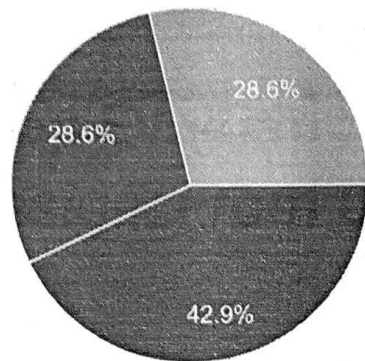
14 responses

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Relevance of the Workshop Content

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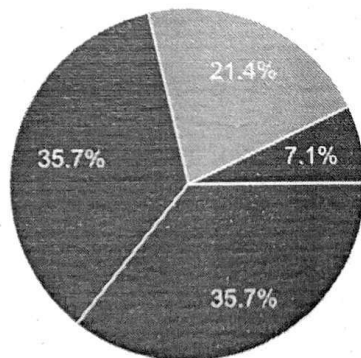


- Excellent(5)
- Very Good (4)
- Good (3)
- Satisfactory (2)
- Poor (1)

Clarity of Learning Objectives

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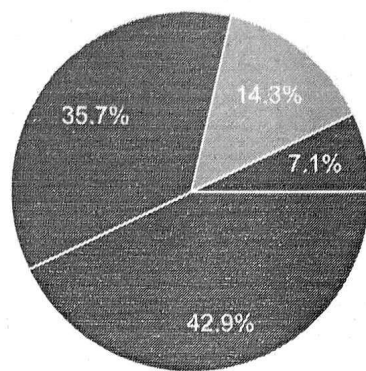


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Depth and Clarity of Explanation

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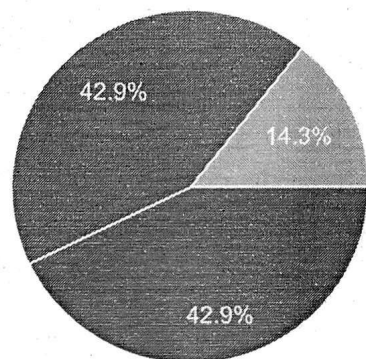


- Excellent(5)
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Use of Real-Time Examples or Case Studies

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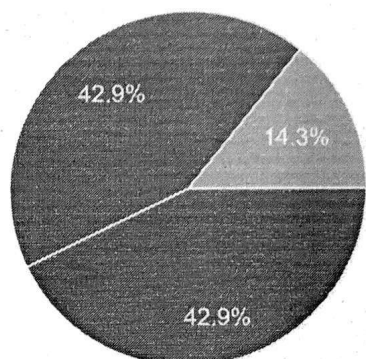


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Clarification of Participant Doubts

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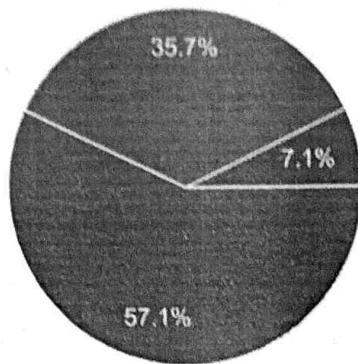


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Quality of the Trainer's Presentation

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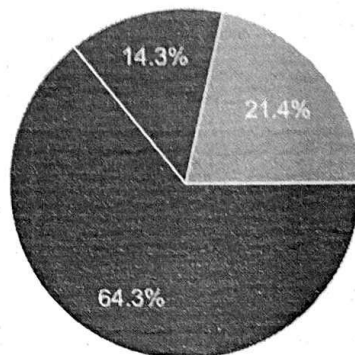


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Level of Interaction with the Trainer

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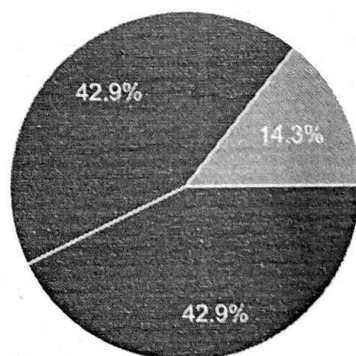


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Overall Learning Experience

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Sample Certificate



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CERTIFICATE OF PARTICIPATION

This is to certify that **Keshi Reddy Shashank Reddy (23X01A05H4)**
has participated in the Four Day Workshop on Hands-on Low-Level Design: From Concepts
to Code held from July 19th to 22nd, 2025, jointly organized by the Department of
Computer Science and Engineering and the NRCM CSI Student Branch.

COORDINATOR

HoD CSE

PRINCIPAL

DIRECTOR



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CERTIFICATE OF PARTICIPATION

This is to certify that **Sargu Nithin (24X05A0535)**
has participated in the Four Day Workshop on Hands-on Low-Level Design: From Concepts
to Code held from July 19th to 22nd, 2025, jointly organized by the Department of
Computer Science and Engineering and the NRCM CSI Student Branch.

COORDINATOR

HoD CSE

PRINCIPAL

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