



## Report on Guest Lecture

### “Importance of Product Design and Validation for Engineering Graduates”

*Presented by*

**Mr. P.G. Ramanan**

**Director**

**CADDAM Technologies, Pvt. Ltd.,  
Chennai**

**Date: 17.10.2024 | Time: 11.00 AM**

### **Organized by**

**Department of Aerospace Engineering / Department of Mechanical  
Engineering in collaboration with Society of Automotive Engineers  
(SAEINDIA SOUTHERN SECTION MWC DIVISION)**

#### Convenors

- Dr. H. Siddhi Jailani,  
Dean - School of Mechanical  
Sciences

- Dr. A. S. Selva Kumar

Head of the Department  
Department of Mechanical Engineering

- Dr. M. Magesh

Head of the Department (i/c)  
Department of Aerospace Engineering  
BS Abdur Rahman Crescent Institute of  
Science and Technology.

#### Coordinators

- Dr. R. Karunanithi, Associate  
Professor &

- Dr. M.A. Sai Balaji, Associate  
Professor

Department of Aerospace Engineering  
Department of Mechanical Engineering  
BS Abdur Rahman Crescent Institute of  
Science and Technology.

## **PREAMBLE**

As part of the Industrial and Institutional knowledge transfer initiative, a guest lecture on “Importance of Product Design and Validation for Engineering Graduates” was organized by the Aerospace Engineering Department / Department of Mechanical Engineering in collaboration with the Society of Automotive Engineers (SAE) SAEINDIA SOUTHERN SECTION MWC DIVISION - BSA Crescent Institute of Science and Technology on 17/10/2024. The presentation was delivered by Mr. P.G. Ramanan, Director, CADDAM Technologies, Pvt. Ltd., Chennai. 130 students from B.Tech First-year Mechanical, Aero, Auto, Poly, and Civil Engineering students have participated and benefitted from this program. The students interacted with the resource person to seek clarification on their inquiries.

Dr. H. Siddhi Jailani, Dean School of Mechanical Sciences, and Dr. A. S. Selva Kumar, Head of the Department - Mechanical Engineering felicitated the resource person.

The guest lecture emphasized the Importance of Product Design and Validation for Engineering Graduates.

### **The presentation highlighted the following points**

- Design and computer-aided design (CAD) tools play a crucial role in this journey
- Enabling you to visualize, create, and analyze complex engineering designs
- 3D printing applications



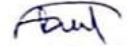
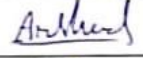


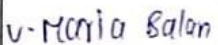
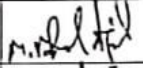
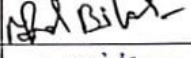
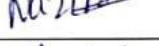
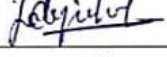

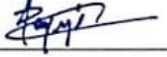
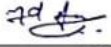
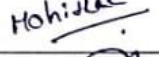

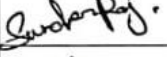
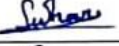


# Attendees

Attendance: List of candidates in B.Tech.Aeronautical Engineering

S.NO	RRN	Name	Signature
1	240091601001	ABINASH S	Abinash S.
2	240091601002	ABRAR AHMED J	Abbar Ahmed J.
3	240091601004	AHAMED SHEIK A	Ahmed Sheik A.
4	240091601006	BINYAMIN SHABEER	Binyamin Shabeer
5	240091601007	EIFA	Eifa
6	240091601008	HAFREEN BANU B .	B. Hafreen
7	240091601009	JOSHUA D	Joshua D.
8	240091601010	KAVIYA K	Kaviya K.
9	240091601011	LOGESWARAN D	D. LOGESWARAN
10	240091601012	SHAIK MAHAMMAD ALI	S. Md Ali
11	240091601013	MANTASHA MANZOOR	Mantasha
12	240091601014	MOHAMED IRFAN K N	Mohamed Irfan K N
13	240091601015	MOHAMED SOOFI RAYYAN M H	Md. Soofi Rayyan
14	240091601016	MOHAMMED SAAUDH W	Mohammed Saaudh W
15	240091601019	MUHAMMED RAYAN S	Muhammed Rayan S
16	240091601020	NANDHA KUMAR M	NANDA
17	240091601022	RATCHANA M	Ratchana M.
18	240091601023	RAMYA E	Ramya E
19	240091601024	RITHWIN RAJ C	Rithwin
20	240091601025	SANTHOSH SHIVAN N	N. Santhosh
21	240091601026	SHREEDHARAN S	Shreedharan S.

22	240091601027	SURIYA KRISHNA D	<i>SK</i>
23	240091601028	THOTHATHRY M	<i>Thothathry M</i>
24	240091601029	VAISHNAVI	<i>R. Vaishnavi</i>
25	240091601030	VARSHAA M	<i>Varsha M</i>
26	240091601031	VISHALACHI K	<i>Vishalachi K</i>
27	240091601032	S SHALOM ANGELINA	<i>S Shalom Angelina</i>
28	240091601033	AMJAD BASHA MOHAMMED ALTHAF	<i>A.M.B Althaf</i>
29	240091601034	RESHIKESH REDDY M	<i>Reshikesh Reddy M</i>

Attendance: List of candidates in B.Tech. Civil Engineering

S.NO	RRN	Name	Signature
1	240011601002	ABDUL AZEEZ W	
2	240011601003	ABDUL HAMEED B	
3	240011601004	ABUL FIRAZ UDUMAN R	
4	240011601005	ARSHAD M	
5	240011601006	DINESH S	
6	240011601008	U K HEMAVARSHINI	
7	240011601009	MARIA BALAN V	
8	240011601010	MOHAMED AJMAL M	
9	240011601011	MOHAMED ASIK N	
10	240011601012	MOHAMED BILAL S	
11	240011601013	MOHAMED MADHAR NAZIH H	
12	240011601014	MOHAMMAD FAHAD	
13	240011601015	MOHAMMAD SHAAMIL K Z	
14	240011601016	MOHAMMAD TAYYIB F	
15	240011601017	C MOHAMMED ANAS	
16	240011601019	MOHITHA A	
17	240011601021	SHAIK ASLAM	
18	240011601022	SUNDARRAJ R	
19	240011601023	SUTHARSAN V	
20	240011601024	SYED SAMEER S A	
21	240011601025	WASIM AKRAM H	

22	240011601026	YOGESHWARAN R	<i>[Signature]</i>
23	240011601027	ABINAYABHARATHI A	<i>Abinay</i>
24	240011601028	MOUDA MOHAMMED AZHAN SAAD	<i>M.P. Azhan Saad</i>
25	240011601029	MOUDA MOHAMMED ABUBAKKAR SIDDIQUE	<i>M.D. Abubakkar</i>
26	240011601030	PEER MOHAMMED S	<i>P.M.S.</i>
27	240011601031	KAVIYA G	<i>G. Kaviya</i>
	240011601032	THASLIM ALI joind 12.9.24	<i>[Signature]</i>

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*2/12/24*  
*2/12/24*

Attendance: List of candidates in B.Tech. Automobile Engineering

RRN	Name	Signature
240121601003	EZHILARASAN M J	M.J. Azhilarasan
240121601004	IJAZ AHMED S	Ijaz Ahmed S
240121601005	KHALID R	R. Khalid
240121601006	M KRITHIK	M. Krithik
240121601007	MOHAMED IBRAHIM A	Mohamed Ibrahim A
240121601008	MOHAMED ISHAAQ M	Mohamed Ishaaq M
240121601009	MOHAMMED ARSHAD	Mohammed Arshad
240121601010	MUHAMMAD ZAID A	Muhammad Zaid A
240121601011	NAZEER AHAMED F	Nazeer Ahamed F
240121601013	SHAIK ASHRAFUR REHMAN	Shaik Ashrafur Rehman

240121601001 ABDULLAH S.H. S. Allah

RRN	Name	Signature
240021601001	AAMIL AHMED S	<i>Aamil</i>
240021601002	ABDHUR RAWOOF M	<i>Rawoof</i>
240021601003	ABDUL HAFEEZ S K	
240021601004	ABDUL RAHMAN A	<i>Ahmed</i>
240021601005	ABDUL REFAI K H	<i>Abdul Refai</i>
240021601006	ABDUL REYAZ K H	<i>Abdul Reyaz</i>
240021601007	AHAMED IBRAHIM MOHAMED HANIFFA	
240021601009	AHMED ASEEL A	<i>Ahmed Asael</i>
240021601010	AL FAZIM M	<i>Al Fazim</i>
240021601012	AVINASH P	<i>Avinash</i>
240021601013	DAVID MICHAEL ROBERT R	<i>David</i>
240021601014	DILLIBABU P	
240021601015	FAIZAL ABDULLA K	<i>K. Faizal</i>
240021601017	GOKUL E	<i>Gokul</i>
240021601018	HEMNATH L	<i>Hemnath</i>
240021601019	HRITHIK LGF	<i>Hrithik</i>
240021601021	JOEL JOYWIN A	<i>Joel</i>
240021601023	KAARTHIKEYAN S D	<i>Karthikeyan</i>
240021601024	KADHAR OLI H	<i>Kadhar</i>
240021601025	MITHILESH B	<i>B. Mithi</i>
240021601026	MOHAMED AFSAL KHAN M	<i>M. Afsal</i>
240021601027	MOHAMED AMEEN A	<i>Ameen</i>
240021601028	MOHAMED FAAIQ	<i>Faaiz</i>
240021601029	MOHAMED FADIL A	<i>FADIL</i>
240021601031	MOHAMED INSAAF M	<i>Insaaf</i>
240021601032	MOHAMED MUFEED M	
240021601033	MOHAMED RAFIL A	<i>Rafil</i>
240021601034	MOHAMED SHAHID F	<i>F. Shahid</i>
240021601035	MOHAMED YUSUF J	<i>J. Yusuf</i>
240021601036	MOHAMMED AAQIB T	<i>Aaqib</i>
240021601038	MOHAMMED SUFIYAN NB	<i>NB. Sufiyan</i>
240021601040	MUKESH J	
240021601041	NIRAJ J P	
240021601042	PALARAMAN S	<i>S. Palaraman</i>
240021601043	PRAVEENRAJ S	<i>Praveen</i>
240021601045	SAM RIYAN P	
240021601046	SANJAY CHARAN P	
240021601047	SANJAY H	<i>H. Sanjay</i>
240021601048	SARAF KAMAL A	<i>A. Saraf</i>
240021601049	SHAHUL FAYAZ S	<i>Shahul</i>
240021601050	SHEK AHAMED FAHEEM H	



240021601051	SYED AFZAR S	<i>afzars</i>
240021601052	SYED HAZIQ E	
240021601054	YOEL DAIRIAM	<i>Yoel Dairiam</i>
240021601055	YUVARAJ KUMAR N R	<i>Yuvaraj Kumar N.R</i>
240021601056	SHAJITH SHERIFF S	<i>Shajith</i>
240021601057	MOHAMED SIHAB ANAIKAR	
240021601058	HADHI MUHAMMED	<i>Hadhi</i>
240021601059	MOHAMED AADHIL M	<i>M. Mohamed Adhif</i>
240021601060	RAZEEN A	<i>Razeen</i>
240021601061	SYED ADIL MOHAMED	<i>Syed Adil Mohamed</i>
240021601062	FAWWAZ S	<i>faawaz</i>
240021601063	FARMANULLAH	
240021601064	ROGIT B	<i>R. Rogit</i>
240021601065	SHAKEEL AHMED	<i>Shakeel</i>

	Polymer Engg	
240131601001	ADI NARAYANAN V	<i>Adi Narayanan V</i>
240131601002	FAHIM SHARUK S	<i>Fahim Sharuk S</i>
240131601003	KIRTHIKA B	<i>KIRTHIKA'S</i>
240131601004	SANDHIYA V	<i>V. Sandhya</i>
240131601005	SHAIK AMON	<i>Shaik Amon</i>
240131601007	SNEGA PRIYAN K	<i>K. Sneha Priyan</i>
240131601008	VIJAYA VIGNESH K A	<i>Vijaya Vignesh K A</i>
240131601009	THOUFIQ K	<i>Thoufiq</i>
240131601010	SRIVARSHINI BABU	
240131601011	SRIVARSHAN BABU	<i>B. Srivaran</i>
240131601012	VAITHIESWARAN B	<i>Vaithy B</i>
240131601013	BALAMURUGAN.V	<i>V. Bala murugan</i>
240131601014	VIKASINI S	<i>Vikasini</i>
240131601015	HARIHARAN G	<i>Hariharan</i>
240131601016	DURGADEVI S	<i>S. Durgadevi</i>

240131601017 NARESH KOMAR

*Naresh*

**Event photos:**



B.S. Abdur Rahman™

**Crescent**  
Institute of Science & Technology  
Deemed to be University u/s 3 of the UGC Act, 1956

Department of  
Aerospace Engineering / Mechanical Engineering  
in collaboration with SAEINDIA  
Organize

Guest Lecture  
on

## IMPORTANCE OF PRODUCT DESIGN AND VALIDATION FOR ENGINEERING GRADUATES

*Speaker*

**Mr. P.G. Ramanan**  
Director  
CADDAM Technology Pvt Ltd., Chennai, Tamilnadu.

 OCT. 17 | 11:00  
2024 | A M

Venue

BS105 Lecturer Hall, Basic Sciences Block

Convenors

Dr. H. Siddhi Jailani, Prof. & Dean - School of Mechanical Sciences  
Dr. M. Magesh, Asst. Prof. (Sr. Gr.) & HoD i/c - Dept. of Aerospace Engineering  
Dr. A.S. Selvakumar, Prof. & HoD - Dept. of Mechanical Engineering

Coordinators

Dr. R. Karunanithi, Asso. Professor / Aerospace Engineering Department  
Dr. M.A. Sai Balaji, Asso. Professor / Mechanical Engineering Department



