

Re: INVITATION - Resource Person - A Guest Lecture on "Advances in Automotive Sheet Material and Manufacturing"

Ravi kumar<drravikumar@iitd.edu.in>

Wednesday 2/07/2022 11:14AM

To: ADITYA HOD_ME<hod_me@aec.edu.in>

Hi Prof,

Greetings !

Great to see and interact with young buddy engineers. Further, with reference to our telephonic conversation and trailing mail, I am honoring your invitation and be available on time.

Further, please ensure Projector and HDMI connection as I have to connect my system. This will avoid last minute confusion. Let's see in the campus.

With warm Regards,

Dr. D. Ravi Kumar,

Professor, Mechanical Engineering
IIT, Delhi.

From: ADITYA HOD_ME<hod_me@aec.edu.in>

Sent: Monday, July 01, 2022 10:48 AM

To: Dr.Ravi Kumar <drravikumar@iitd.edu.in>

Subject: INVITATION - Resource Person - A Guest Lecturer on "Advances in Automotive Sheet Material and Manufacturing"

Respected Sir,

It gives me immense pleasure and pride to inform you that Aditya Engineering College is planning to organize a Guest Lecturer on "Advances in Automotive Sheet Material and Manufacturing" under SAEINDIA Collegiate Club for B. Tech (ME) V Semester students to fill the gap of industry and academia. The schedule workshop is on 14.07.2022. I am glad to invite you as a resource person for the programme to enlighten the students in the area of sheet metal manufacturing. So that students will be exposed to industrial environment. Hence, I request you to kindly give your consent to become a part of guest lecture as a resource person, as per your convenient date and inform your itinerary to make necessary arrangements.

Thanking you

With Best Regards,

Dr. Pritam Kumar Das

Professor & HOD,

Dept. of Mechanical Engineering,

Aditya Engineering College (A).

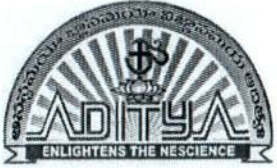
Accredited NAAC 'A' Grade,

Surampalem - 533 437,

East Godavari Dt., Andhra Pradesh

Mobile: +91 9237051170

Email: hod_me@aec.edu.in



ADITYA ENGINEERING COLLEGE (A)



**Guest Lecture on
14-07-2022**

“Advances in Automotive Sheet Materials and Manufacturing”

**Dr. D. Ravi Kumar
Professor in Mechanical Engineering, IIT Delhi**

Organized by
**DEPARTMENT OF MECHANICAL ENGINEERING &
SAEINDIA Collegiate Club**



ADITYA ENGINEERING COLLEGE (A)

Aditya Nagar, ADB Road, Surampalem

Department of Mechanical Engineering

Date: 05.07.2022

CIRCULAR

All the interested B.Tech. VIII semester students of Mechanical Engineering are hereby informed that the Department of Mechanical Engineering is organizing a one day Guest Lecture on "Advances in Automotive Sheet Materials and Manufacturing" under SAEINDIA Collegiate Club on 14.07.2022. All interested students can reach the coordinator Mr. K.L.Kishore, Assistant Professor, Department of Mechanical Engineering on or before 09.07.2022.

Venue: Cotton Bhavan (Room No: 201).

Timings: 9:30 AM to 3:30 PM.


Head of the Department

Head of the Department
Mechanical Engineering
Aditya Engineering College
Surampalem



ADITYA ENGINEERING COLLEGE(A)

Approved by AICTE, Affiliated to JNTUK, NAAC with "A" Grade
ADB Road, Surampalem, EG District, Andhra Pradesh – 533437. Phone: 0884 2326202

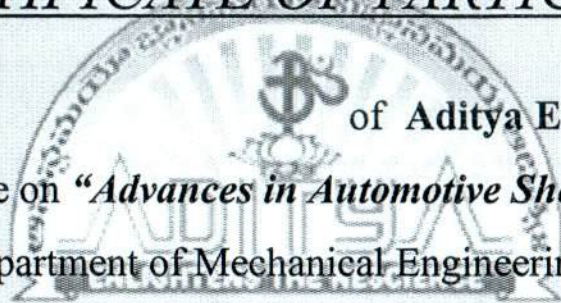


DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE OF PARTICIPATION

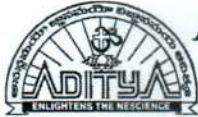
This is to certify that

has participated in a guest lecture on "*Advances in Automotive Sheet Materials and Manufacturing*" on
14th July 2022, organized by Department of Mechanical Engineering.



Head of the Department

Principal



ADITYA ENGINEERING COLLEGE (A)

Aditya Nagar, ADB Road, Surampalem

Department of Mechanical Engineering

Date: 14.07.2022

Report on

Guest Lecturer on “Advances in automotive sheet materials and Manufacturing”

Title: Advances

Introduction to Event:

This programme will teach how Advanced materials for automotive manufacturing are helping automakers build lighter, more fuel-efficient vehicles. With the lighter and stronger steel, aluminum, and magnesium components, the current crop of cars and trucks can meet stringent crash safety standards, while also improving fuel economy to help achieve the more strict government Corporate Average Fuel Economy (CAFE) mileage requirements looming on the horizon. Proponents for newer high-strength metals all make the case for using their respective materials in automobiles of the future, and each has its strengths and weaknesses. While accounting for a much smaller relative percentage of vehicle content than either, magnesium weighs much less than steel and aluminum

Event Dates : .05.2022

Number of Days : 1 Day

Co-ordinator : Mr. A.S.S.M. Sita Ram Murthy, Department of Mechanical Engineering

Agenda/Event Flow:

Modern-day systems improve safety, reduce repetitive motions, and increase productivity. This makes work environments safer in both the aerospace industry and other forward-thinking manufacturing sectors.

No. of Participants : 55

Experts with Designation : Dr.D.Ravi Kumar

Experts' Profile:

He associated with IIT Delhi as a professor in Mechanical Department. He had 16 years of experience in thisteaching and academics. His additional responsibility is also looking after the

Projects as a Project Coordinator.. He received his bachelor's degree in engineering from IIT Kharagpur.

Venue: Cotton Bhavan Seminar Hall (Room No: 201)

Hospitality/Accommodation: No

Staffing:

1. Mr. I. Veeranjanyulu , Assistant Professor, Department of Mechanical Engineering

Outcomes:

After completion of the programme, the student will be able to

- Understand the flight dynamics
- Understand the functioning of different Sensors, Actuators and their interfacing with respect to Aviation industry
- Demonstration of Feedback control and its analysis in actual scenario

Conclusive Remarks:

This one-day programme was a success, and it achieved the goal of making students aware of automotive materials. Because it was a good opportunity, all of the participants were involved and interacted well. Finally, the programme concluded successfully by providing students with the necessary knowledge in automotive industry. This learning experience covered a wide range of topics from the subject weightage and to carry out focus study with the help of SAEINDIA Collegiate Club.

Photos:



[Signature]
Coordinator

[Signature]
Head of the Department

Head of the Department
Mechanical Engineering
Aditya Engineering College
Surampalem



ADITYA ENGINEERING COLLEGE

An Autonomous Institution

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Recognised by UGC under sections 2(f) and 12(B) of UGC Act, 1956

Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

Department of Mechanical Engineering


Attendance Sheet

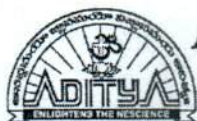
Name of the Program: A guest lecture on "Advances in Automotive sheet materials and Manufacturing"

Sl.No	Roll.No	Name of the Student	14-07-2022
1	20A91A0303	Aniseti Siva Reddy	Siva Reddy
2	20A91A0304	Appali Srimannarayana	A. Srinagar
3	20A91A0305	Aravapalli Bhanu Veera Bhadra Rao	A. Veera Bhadra Rao
4	20A91A0306	Ballanki Durga Manoj	B. D. Manoj
5	20A91A0307	Bandaru Ajay Durga	B. Ajay
6	20A91A0308	Barthi Vijay Kumar	B. Vijay
7	20A91A0309	Bodem Sri Durga Devi Lakshmi Aishwarya	B. Sri Lakshmi
8	20A91A0310	Dankala Phanindra	D. Phanindra
9	20A91A0311	Dasam Raja	D. Raja
10	20A91A0312	Doddi Anil	D. Anil
11	20A91A0313	Eeduri Vijay Pavan Kumar	E. Vijay Pavan Kumar
12	20A91A0314	Erusumalla Laxmi Narayana Subramanyam	E. Laxmi Narayana Subramanyam
13	20A91A0315	Ganta Prasad	G. Prasad
14	20A91A0316	Geddada Arun Kumar	G. Arun Kumar
15	20A91A0317	Geddada Tharun	G. Tharun
16	20A91A0318	Gunuru Nithin Naidu	G. Nithin Naidu
17	20A91A0319	Juttiga Leela Ravindra	J. Leela Ravindra
18	20A91A0395	Yedla Udaya Sai Bhaskar	Y. U. Sai Bhaskar
19	20A91A0396	Yerramsetti Prasanth Kumar	Y. Prasanth Kumar
20	20A91A0397	Addala Sai Jayanth	A. Jayanth
21	20A91A0398	Allam Kartheek Sai	A. K. Sai
22	20A91A0399	Appana Satyanarayana	A. Satyanarayana
23	20A91A03A0	Battina Moshe	B. Moshe
24	20A91A03A1	Bolem Uday Sai	B. Uday Sai
25	20A91A03A2	Botta Siva Sai Ram	B. Siva Sai Ram
26	20A91A03A4	Chikkala Piyush Varasha Narayana Murthy	C. P. Varasha Narayana Murthy
27	20A91A03A5	Chitikela Shiva Venkata Satyanarayana	C. S. V. Satyanarayana
28	20A91A03A6	Dangeti Sai Sudharsan	D. Sai Sudharsan
29	20A91A03A7	Danthuluri Saicharanvarma	D. Saicharanvarma
30	20A91A03A8	Devu Prem Sampath Kumar	D. Prem Sampath Kumar
31	20A91A03A9	Doddi Mouli	D. Mouli
32	20A91A03B0	Duli Ravi Kiran	D. Ravi Kiran
33	20A91A03B1	Gandi Saikiran	G. Saikiran
34	20A91A03B2	Gangumalla Naveen	G. Naveen
35	20A91A03B3	Garikina Praveen Kumar	G. Praveen Kumar

Sl.No	Roll.No	Name of the Student	14-07-2022
36	20A91A03B4	Guttula Veera Krishna	G.V. Krishna
37	20A91A03B6	Kadavala Devi Ravi Sekhar	K. Sekhar
38	20A91A03B7	Kasimdevula Karuna Prakash	K. Karuna Prakash
39	20A91A03B8	Koka Dinesh	K. Dinesh
40	20A91A03B9	Komarapu Narasimha Naidu	K. Narasimha Naidu
41	20A91A03C0	Kota Padma Sai Nageswar	K. Padma Sai Nageswar
42	20A91A03C1	Lalam Aravind Sai	A. Aravind Sai
43	20A91A03C2	Malakala Narendra Kumar	M. Narendra Kumar
44	20A91A03C3	Mandapati Rajesh	M. Rajesh
45	20A91A03C4	Marapatla Anil Kumar	M. Anil Kumar
46	20A91A03C5	Mulukuri Siva Sai Sandeep	Siva Sai Sandeep
47	20A91A03C6	Nalla Prem Suresh	N. Prem Suresh
48	20A91A03C7	Nama Rama Swamy	N. Rama Swamy
49	20A91A03C8	Obillaneni Venkateswara Rao	O. Venkateswara Rao
50	20A91A03D0	Pala Rishi Venkata Kumar	P. Rishi Venkata Kumar
51	21A95A0325	Chalapaka Surya Dileep	C. S. Dileep
52	21A95A0326	Chapala Anand	C. Anand
53	21A95A0327	Kalluri Hari Sree Kiran	K. Hari Sree Kiran
54	21A95A0328	Kanithi Suresh	K. Suresh
55	21A95A0329	Karri Akhil Mani Kanta Naidu	K. Akhil Mani Kanta Naidu
56	21A95A0330	Katadi Jagadish	K. Jagadish
57	21A95A0331	Kodi Sai Kishore	K. Sai Kishore
58	21A95A0332	Kola Surya Teja	K. Surya Teja


Coordinator


Head of the Department
Head of the Department
Mechanical Engineering
Aditya Engineering College
Surampalem



ADITYA ENGINEERING COLLEGE (A)

Aditya Nagar, ADB Road, Surampalem

Department of Mechanical Engineering

Event organized report

Academic Year (2022-23)

Report Title : **Advances in Automotive sheet materials and Manufacturing**

Event name	Advances in Automotive sheet materials and Manufacturing
Introduction to Event	Attached
Event date	14.07.2022
Number of days	01
Coordinator(s)	Mr. K.L.Kishore
Agenda/Event Flow	Attached
Participants	58
Participants Attendance Sheet(enclosure)	Attached
Resource person(s)	Dr.D.Ravi Kumar.
Profile of resource person(s) in brief	Attached
Location and venue	Aditya Engineering College (A), Cotton Bhavan Seminar Hall (Room No: 201)
Hospitality/Accommodation	NO
Media and promotion	YES
Sponsorship	NO
Staffing	YES
Outcomes	The student are able to
Closing remarks-description	Attached
Appendix (includes photographs, brochure)	Attached
Professional Society	SAEINDIA Collegiate Club


Coordinator


Head of the Department