

Department of Mechanical Engineering

Notice

Date: 19/03/2018

All the students are hereby informed that Mechanical Engineering Department is arranging Expert lecture on "Plastic Product design and manufacturing" delivered by Mr. Ranjeet Munde, Enclave Engineering Services Pvt Ltd, Pune. on 20/03/2018

All the students should present for Expert Lecture.

This is for strict compliance.



Dr. K. B. Kale

H O D



PRINCIPAL
Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar

Ref. No.: COEA/ MECH/ 2018/809/1

Dt: 16-03-2018

To,
Mr. Ranjeet Munde,
Enclave Engineering Services Pvt Ltd,
Pune.

Subject: Request for delivering Expert lecture on "Plastic Product Design and Manufacturing"
dated 20th March 2018

Respected Sir,

It gives us immense pleasure to state that the Department of Mechanical Engineering of our institute is organizing Expert lecture on "**Plastic Product Design and Manufacturing**" on 20th March 2018.


As per discussion with Prof. V. P. Patekar, Assistant Professor, Department of Mechanical Engineering of our institute, we would like to invite you as resource person and share your expertise through your lecture.

Kindly accept our invitation to deliver lecture and give your consent.

Thanking you.



HOD



(Dr. J. Jaykumar)
Principal



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Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar

Report of Expert lecture

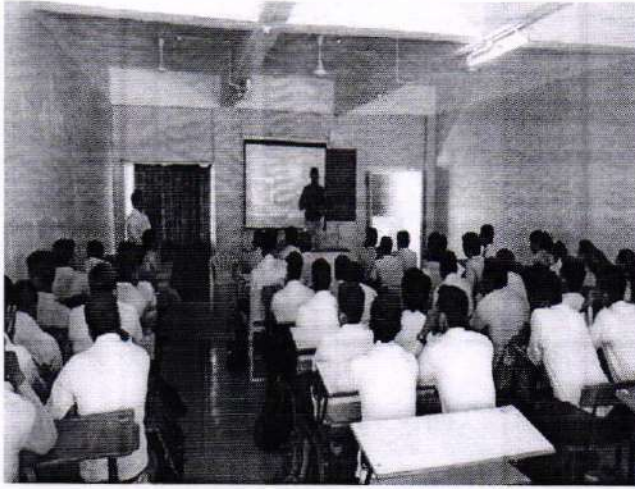
Plastic Product design and manufacturing

Name of Guest/Expert :	Mr. Ranjeet Munde Enclave Engineering Services Pvt Ltd, Pune. 8983224365	Date of Conduction :	20/03/2018
Time	10.00 a.m.-12.00 Noon	Class	BE
No. of students Present:	40	No. of Faculty Present:	6

Content:-	<ol style="list-style-type: none"> 1. Various important properties of plastic 2. To Explain various design constraints of plastic product design. 3. Explain the importance of GD&T in plastic product design. 4. Give importance of plastic product design for the Industry point of view. 5. Explain Feature Based Rules Like Ribs, Boss etc.
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[Signature]
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Name of organizing faculty:

Dr. K. B. Kale, Head of Department
Prof. V. P. Patekar
Prof. D.S.Ghorpade
Prof. M.A.Kadu
Prof. V.S.Sanap


MESA I/C


Head of Department




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Plastic Product design and manufacturing

Contents

- 1. To explain various design constraints of plastic product design.**
 - Material Considerations
 - Mold Shrinkage
 - Inclusion of Ribs
 - Draft
 - Gate Location
 - Radius
- 2. Explain the importance of GD&T in plastic product design.**

GD&T enhances design accuracy by allowing for appropriate tolerances that maximize production.
- 3. Give importance of plastic product design for the Industry point of view.**

Plastic is used across almost every sector, including to produce packaging, in building and construction, in textiles, consumer products, transportation, electrical and electronics and industrial machinery.
- 4. Explain Feature Based Rules Like Ribs, Boss etc.**

They are commonly used to provide additional support and strength to a part.
Thickness and location are essential to rib design.

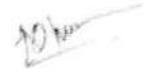
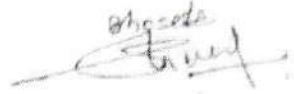


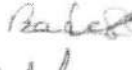

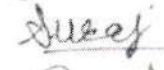
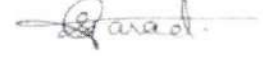
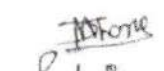

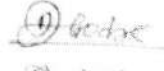
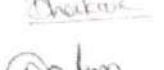
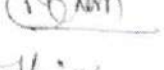
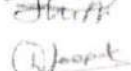


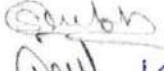

Outcomes:

- Understand various design constraints of plastic product design.
- Understand the importance of GD&T in plastic product design.
- Understand importance of plastic product design for the Industry point of view.




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Guest Lecture on - Plastic Product design & manufacturing

Sl. No.	Roll No.	Name of student	Attendance Sheet	20/03/2018	Sign
1	44	Dhokte Nikhil Anil			
2	18	Bhosale Amol N.			
3	42	Dhokte Siddheshwar N.			
4	33	Datkhil Subas B.			
5	24	Burra Rohan V.			
6	07	Badve Shubham T.			
7	21	Borate Yishal H.			
8	02	Apune Suraj S.			
9	53	Sawabh. V. Garad.			
10	187	Thosve mukund . D			
11	201	Yenare Sachin Vilas			
12	55	Gawande praveen . V			
13	58	Godse Atul. D			
14	41	Chakane Abhijeet M			
15	29	Nilesh S. Chavan			
16	68	Joshi Ajinkya A.			
17	66	Jare Deepak L.			
18	19	Bhwtambare sunfosh R.			
19	169	Shahir saurabh . S			
20	15	VISHAL BHAT			



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Sr No.	Roll No.	Name of student	sign
20	08	Barde Lakshaman G.	
21	38	Deshmukh Atash Shivaji	
22	14	Bhurungunde Rohit. S.	
23	203	Zanje Somnath. B	
24	147	Rade Chandan L.	
25	151	AKSHAY KUNWAL	
26	166	Shaikh Najim No	
27	196	Puranima C. Wadhwa	
28	164	Shaiikh Arshad. H	
29	169	Sharma Akash. R	
30	185	Syed Roziuddin. B	
31	161	Sohail Sayyed	
32	168	Shaikh Absar A.R.	
33	84	Kasab Pallavi. B.	
34	97	Kodam Vaishnavi H.	
35	10	Bhagwat Snehal. D	
36	56	Ghige Amruta. B	
37	35	Dendage Pratibha. A	
39	176	Shinde Rahul Babam	
40		Borkute Shubham Ashok	




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Ref. No.: COEA/ MECH/ 2018/8421

Dt: 20-03-2018


To,
Mr. Ranjeet Munde,
Enclave Engineering Services Pvt Ltd,
Pune.

Sub. Letter of appreciation and expression of gratitude for delivering lecture

Dear Sir,
On behalf of Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar, we take this opportunity to extend our heartfelt gratitude for delivering lecture on **"Plastic Product Design and Manufacturing"** on 20th March 2018 at 10.00 a.m.

Let us maintain and cherish these relations for mutual benefit hence and forever.

We shall remain obliged for sparing valuable time with us.


(Dr. J. Jaykumar)
Principal




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