



Jansons Institute of Technology

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Coimbatore, Tamil Nadu – 641659
www.jit.ac.in



Event Report


Title : Technical Visit for Problem Identification and Idea Generation.
Date : 03.11.2022 **Time** : 2.00 PM to 4.30 PM
Venue : ZF Wind Power Coimbatore Pvt Ltd, India
Organised by : EDCell, IETE, & EHC
In association with : Institutions Innovation Council (IIC)
Student Activity : No

Speaker Details

Name : Mrs.Sreeja Govindankutty,
Designation : Director Corporate Services HR Department.
Affiliation : ZF Wind Power Coimbatore Pvt Ltd, Coimbatore,India.
Topic : Technical Visit for Problem Identification to ZF Wind Power Private Ltd.



JIT Website <https://jit.ac.in/>

 <https://www.facebook.com/photo/?fbid=568847041713912&set=a.522181053047178>

 <https://www.instagram.com/p/CkXdBbbtRnl/>

 https://twitter.com/JIT_Offl/status/1586954065388351488/photo/1

Event Objective

- To provide technical knowledge about Wind turbine working and Gear Box assembly.
- To motivate the students to identify the real time problems and solve them using emerging technologies.

Event Summary

To create awareness on industry requirements and to develop a live projects a one-day field visit has organized by Jansons Institute of Technology, Coimbatore in association with Institutions Innovation Council (JIT-IIC) Entrepreneurship Development Cell, Electronics Hobby Club and IETE Students forum, on 03.11.2022 (Thursday). Around 35 students together from II and III year Department of AI&DS, ECE, and Mechanical Engineering, accompanied with two faculty members Dr.P.Gowtham, EDCell Coordinator, Mr.V.Murali,AP/Mech, and Mrs.M.D.Priyadharshani,AP/ECE has visited the company ZF Wind Power Coimbatore Pvt Ltd, Coimbatore.

Mrs.Sreeja Govindankutty, Project Manager & Mrs.M.Gayatheri, Human Resource Manager, Development Engineer and team has greeted us and take us tour inside their industry to all their departments and gave a brief introduction about their company and their ongoing projects. Later Mr.R.Pragatheesh gave a detailed presentation of the Gear Box machining projects and product developments. He explained about how electronics module are integrated in wind turbine, Using Wireless Sensor Module Loran (Long range wide area network) and EMS services, the team also explained about the real-time projects based on sensors like Anemometer, Temperature monitoring sensor used for Automatic grease control to machines. He emphasized on the collaboration of Science & Technology in the Societal development. He explained the complexity of engineering technology as compared to the science in solving real time problems. He insisted that the students must get exposed to the society, environment, situations to handle the current challenges in effective way. He emphasized the need of research and innovation towards social needs. He motivated the students in bringing innovation which is more compatible with free society. In the last part of the visit the students were shown the working of machine shop with large and small machining centre, grinding machines, milling and Abrasive Flow machining facilities. The session was very much helpful for the students to gain knowledge in developing their ideas as a real time projects and in finding solutions to problem statements. This Industrial visit is very helpful in our future practical Life & bring a positive change in our thinking & practical behaviour regarding Education & specializing our technical skills. Students learned practical knowledge about the advancement in technology of machines. Information on different parts & use of Gear box machines with multiple cutting tools.

We are thankful for all our Management, Principal and Heads of department for organizing such an Informative event for development of our Industrial readiness skills. We hope to get more chances further to have such an informative & wonderful experiences of visiting different industries. Students were eagerly to say organizing this type of industrial visit for practical exposure which is shows the success of this visit.

Event Photographs



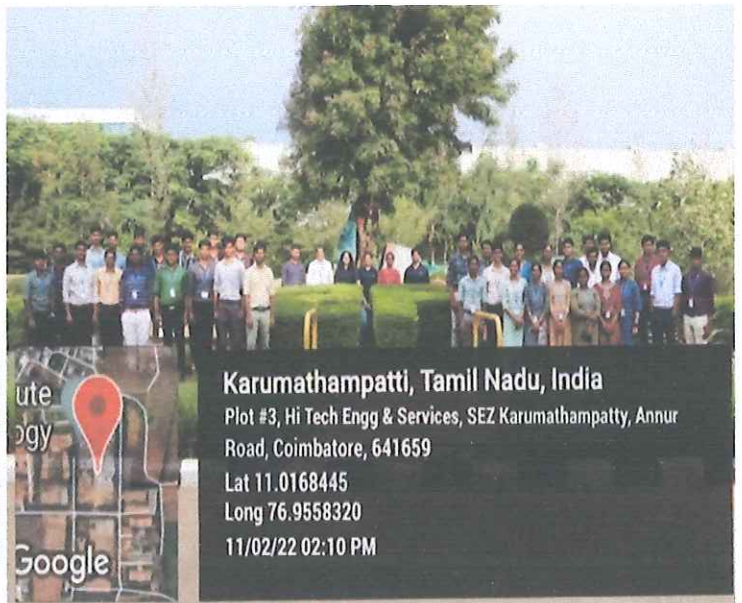
**Mr.R.Pragatheesh, Senior Production Engineer
Explained about Wind Gear Box Assembly**



Theory Session - Evolution Of Wind Turbines



ZF Products for Industrial Applications



Group Photo With ZF Industry Experts

Event Outcomes

From this visit, Students got the information and practical knowledge about wind Turbine and gear box manufacturing process. Students learned about different types Non-Destructive Testing (NDT) of Materials. Students came to know about real time problems sectors and found out novel ideas to solve the problems.

Event Feedback

How would you rate the event in terms of preparation, flow, and content?	<table style="margin-left: 20px;"> <tr><td>Excellent</td><td>76%</td></tr> <tr><td>Very Good</td><td>20.0%</td></tr> <tr><td>Good</td><td>4%</td></tr> <tr><td>Fair</td><td>0%</td></tr> </table>	Excellent	76%	Very Good	20.0%	Good	4%	Fair	0%
Excellent	76%								
Very Good	20.0%								
Good	4%								
Fair	0%								
The content and activities of the event has increased my knowledge.	<table style="margin-left: 20px;"> <tr><td>Strongly Agree</td><td>80.0%</td></tr> <tr><td>Agree</td><td>20.0%</td></tr> <tr><td>Neutral</td><td>0%</td></tr> <tr><td>Disagree</td><td>0%</td></tr> </table>	Strongly Agree	80.0%	Agree	20.0%	Neutral	0%	Disagree	0%
Strongly Agree	80.0%								
Agree	20.0%								
Neutral	0%								
Disagree	0%								
How would you rate the speaker in terms of knowledge and presentation?	<table style="margin-left: 20px;"> <tr><td>Excellent</td><td>88.0%</td></tr> <tr><td>Very Good</td><td>12.0%</td></tr> <tr><td>Good</td><td>0%</td></tr> <tr><td>Fair</td><td>0%</td></tr> </table>	Excellent	88.0%	Very Good	12.0%	Good	0%	Fair	0%
Excellent	88.0%								
Very Good	12.0%								
Good	0%								
Fair	0%								
Overall experience of the event.	<table style="margin-left: 20px;"> <tr><td>Very Satisfied</td><td>84.0%</td></tr> <tr><td>Satisfied</td><td>16.0%</td></tr> <tr><td>Neutral</td><td>0%</td></tr> <tr><td>Dissatisfied</td><td>[VALUE]%</td></tr> </table>	Very Satisfied	84.0%	Satisfied	16.0%	Neutral	0%	Dissatisfied	[VALUE]%
Very Satisfied	84.0%								
Satisfied	16.0%								
Neutral	0%								
Dissatisfied	[VALUE]%								
Suggestion for Improvements (If any)	-								

No. of Participants / Benefices

Total (Participants / Benefices)	Students	Faculty	Students (Outside institution)	Faculty (Outside institution)
38	25	03	-	-

Date of report submission: 07.11.2022.

Faculty Coordinator
 Dr.P.Gowtham



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 JANSONS INSTITUTE OF TECHNOLOGY
 KARUMBATAMPATTI
 COIMBATORE - 541 659.



Jansons Institute of Technology

Karumathampatti, Coimbatore-641659.

JIT IIC & ED Cell Organised Field Visit

In Association with Electronic Hobby Club & IETE Club



"Technical Field Visit For Problem Identification to ZF Wind Power Private Limited"

STUDENTS NAME LIST - ZF FIELD VISIT


Date : 03.11.2022

S.No	Name	Register Number	Year/ Dept.	Attendance
1	Arun Eswar M	711119114001	IV/ B.E Mech	Present
2	Hemanathan A K	711119114004	IV/ B.E Mech	Present
3	Thanusu R	711119114307	IV/ B.E Mech	Present
4	Subash G	711119114703	IV/ B.E Mech	Present
5	Rajamu Sachin	711120114018	III /B.E Mech	Present
6	Shaik Jafar	711120114021	III /B.E Mech	Present
7	Vishal S K	711120114029	III /B.E Mech	Present
8	Amal Raj C	711121114001	II /B.E Mech	Present
9	Saranraj R	711121114013	II /B.E Mech	Present
10	Ragulraj G	22MEL2107	II /B.E Mech	Present
11	A Manohar Reddy	711120106001	III/B.E ECE	Present
12	Abhishek G	711120106002	III/B.E ECE	Present
13	A Sai Neeraj	711120106004	III/B.E ECE	Present
14	Pa Ashwin Kumar	711120106009	III/B.E ECE	Present
15	E Devendar Reddy	711120106024	III/B.E ECE	Present
16	G Pruthvi Raj	711121106023	II/B.E ECE	Present
17	Sk Mahamad Mouli	711121106079	II/B.E ECE	Present
18	Rabin Ram R	711121106072	II/B.E ECE	Present
19	Logu Prakash V	711121106046	II/B.E ECE	Present
20	Madhava Krishnan	22ECL2101	II/B.E ECE	Present

21	Sujith Kharsan	22ECL2102	II/B.E ECE	Present
22	Pon Kiruthiga	711119106021	IV/B.E ECE	Present
23	Monica Nancy	711119106018	IV/B.E ECE	Present
24	Soumya	711119106707	IV/B.E ECE	Present
25	Damineni Haswanth	711120106020	III/B.E ECE	Present
26	Pandiyam V	711120106064	III/B.E ECE	Present
27	Ragasudha S	711120106069	III/B.E ECE	Present
28	Ranjith A	711120106071	III/B.E ECE	Present
29	Sandhiya K	711120106075	III/B.E ECE	Present
30	Sri S	711120106080	III/B.E ECE	Present
31	Swetha R	711120106081	III/B.E ECE	Present
32	Ruba.P	711121106076	II/B.E ECE	Present
33	Aswin.S	711121243005	II/B.Tech AI DS	Present
34	Kishore.S.A	711121243028	II/B.Tech AI DS	Present
35	Sasikala.K	711121243030	II/B.Tech AI DS	Present

Faculty Members

1	Dr.Gowtham.P	7111098	ASP/ECE	Present
2	Mrs.Priyadharshini.M.D	7111233	AP/ECE	Present
3	Mr.Murali.V	7111206	AP/Mech	Present


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