

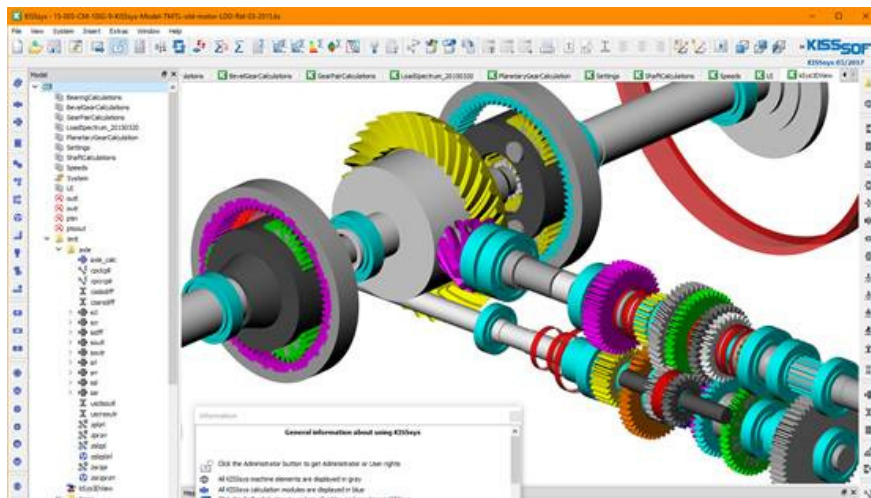
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 Sector 34-A, www.kadkraft.com
 160 022 Chandigarh



Advanced KISSsys Training
 by
Mr. Cengiz Yilmaz - Product Manager KISSsys, KISSsoft AG.

Date/City	Venue	Fee(In Rs.)
July 11-12-13, 2018 Chennai	Regenta Central Deccan #36, Royapettah High Road, Royapettah, Chennai – 600 014, India. www.royalorchidhotels.com	All 3 days - Rs. 10,000/-
		Any 1 day - Rs. 5,000/-
		(GST@18% is extra)

With over 3200 installations, KISSsoft and KISSsys has proven itself for both automotive and industrial applications. KISSsys gives a comprehensive system level report and is fast and reliable transmission design tool.



Accelerate your transmission design using KISSsys!

The seminar should be attended by:

- ✓ Users with basic knowledge of KISSsys
- ✓ Team leaders to know how KISSsys can increase team productivity and product performance and development

Please register early as the seats are limited.

All the participants are expected to bring their laptops for practice sessions.



Organisation

The training is jointly organised by KISSsoft AG, EES KISSsoft AG and Kadkraft Systems Pvt. Ltd.

For further information please contact

Mr. Navdeep Singh M- 93178 81084 Email : navdeep.singh@kadkraft.com

Mr. Rahul Koul M- 90231 72022 Email : rahul.koul@kadkraft.com

Trainer

Mr. Cengiz Yilmaz : The training will be conducted by Mr. Cengiz Yilmaz, Product Manager of KISSsys at KISSsoft AG. He studied mechanical engineering at the Swiss Federal Institute of Technology (ETH Zurich). He did his Master in flight mechanics and computational fluid dynamics.

He is working as Product Manager of KISSsys since April 2014 and is involved in giving support and training for the software, documentation and engineering projects.

Registration

Company name: _____

Company address: _____

Company website: www._____

Company phone number: _____

Number of persons attending: _____

S.No.	Name	Email id	Mobile/Ph. No.
1.			
2.			
3.			
4.			

Signature _____ Company seal _____

Please send your application by fax or email to:

Mr. Navdeep Singh
Kadkraft Systems Pvt. Ltd.
SCO 196-197, Sector 34-A,
Chandigarh - 160 022

Phone: 0172-2661311
Fax: 0172- 2696 587
Email: navdeep.singh@kadkraft.com

Payment is 100% advance via cheque/DD in the name of Kadkraft Systems Pvt. Ltd. payable at Chandigarh.

Alternatively, the amount may be sent via RTGS as per the following details;

Account Name	Kadkraft Systems Pvt. Ltd.	Participation Fee All 3 days - Rs. 10,000/- Any 1 day - Rs. 5,000/- (GST@18% is extra)
Account No.	10286127233	
Bank Name	State Bank of India	
Branch Name	Sector 22-C, Chandigarh.	
IFSC Code	SBIN0004703	

Training Program

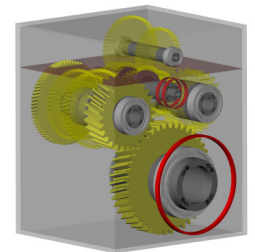
DAY 1 (11-7-18): System Calculations 1

10:00am – 17:00pm

KISSsys general presentation

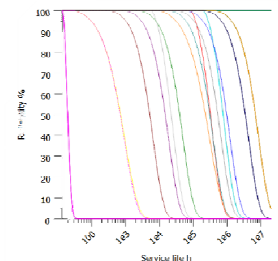
Pre-sizing of a gearbox with single shafts

- Handling of a predefined model
- Entering global settings
- Sizing of gears, shafts and bearings according to given sizing strategies



Efficiency calculation and thermal analysis

- Calculation of gear-, bearing- and seal losses
- Dissipation of heat through housing and outcoming parts
- Cooler power for thermal balance conditions
- Calculation of operating oil temperature
- Plotting results in 2D diagram



Reliability calculation according to Bertsche

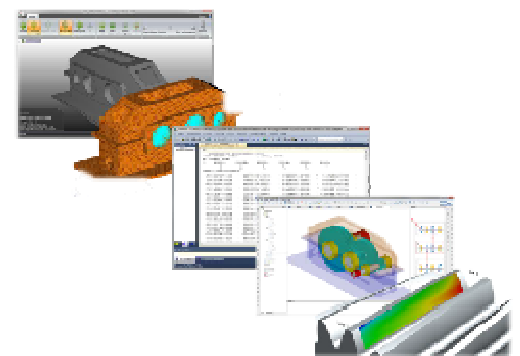
- Determine life limiting element in the system

DAY 2 (12-7-18): System Calculations 2

09:00am – 17:00pm

Inclusion of housing stiffness

- Format of reduced stiffness matrix file
- Import of the stiffness matrix to the system
- Iterative calculation of bearing outer ring positions
- Effect on tooth contact

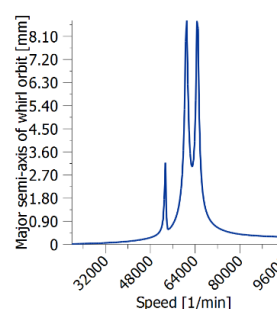


Loadspectrum calculation

- Definition of spectrum in KISSsys
- Calculation of safety and damage for every bin
- Write out additional results for every bin
- Combination of spectrum with other system calculations

Modal analysis

- System eigenfrequency considering bearings and gear contact stiffness
- Forced response analysis
- Interpretation of Campbell Diagram



DAY 3 (13-7-18): Model customization

09:00am – 16:00pm

Predefined tables in KISSsys templates

- Showing entered values and results for gears, bearings and shafts in an overview
- Modifying and extending existing tables
- Creation of new interfaces

Programming using script language ClassCad

- Basic terminology
- Import a file and fill up variables
- Export of user defined results
- Running KISSsys in batch mode, control a model with a script file

