



# Indra Ganesan

## COLLEGE OF ENGINEERING

Madurai Main Road (NH-45B), Manikandam, Trichy-12.  
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

DEPARTMENT OF MECHANICAL ENGINEERING

Academic Year 2019-2020

Date: 10.10.2019

### Circular

Department of Mechanical Engineering in association with IQAC of IGCE are going to organize Two Days Research Methodology workshop on cracks in wind bearings for all II,III and IV year students of Mechanical Engineering on 15.10.2019 & 16.10.2019 Certificates will be issued to all participants at the end of the course.

Resource Person	Dr. U.Natarajan ACGCET Karaikudi
Venue	Google Meet Link- <a href="https://meet.google.com/ysj-juej-ktw">meet.google.com/ysj-juej-ktw</a>

HoD/Mechanical

Principal

Cc:

- Principal office
- Mechanical Faculties Room
- All Mechanical II,III,IV Year Class Rooms
- Office file
- Notice Board

Dr. G. Balakrishnan, M.E., Ph.D.,  
Principal  
Indra Ganesan College of Engineering  
IG Valley, Madurai Main Road  
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**Department of Mechanical Engineering**

**In Association with IQAC of IGCE**

**Cordially invites**

**Two days Research methodology workshop**

**on**

**Cracks in Wind Bearings**

**On Tuesday, the 15<sup>th</sup> October & 16<sup>th</sup> October 2019 at 9.30 am**

**Chief Guest**

**Dr. U.Natarajan**

**ACGCET**

**Karaikudi**

**Mr.R.Ramesh Babu,**

HoD/Mechanical Engineering,

Indra Ganesan College of Engineering

**Dr.S.Bharathi Raja,**

Principal,

Indra Ganesan College of Engineering

**Dr.G.Balakrishnan,**

Director,

Indra Ganesan Group of Institutions

**Er.G.Rajasekaran,**

Secretary,

Indra Ganesan Group of Institutions

**Dr. G. Balakrishnan, M.E., Ph.D.,**

Principal

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### DEPARTMENT OF MECHANICAL ENGINEERING


#### AGENDA

#### Research Methodology workshop

On

#### Cracks in Wind Bearing

- Date** : 15.10.2019 & 16.10.2019 , Time:9.30 am
- Venue** : Google Meet
- Welcome address &**
- Chief guest Introduction** : Mr.R.Ramesh Babu HoD/Mechanical
- Resource Person** : Dr.U.Natarajan
- Research Co-ordinator**
- ACGCET**
- Topics** : Cracks in Wind Bearing
- Day-1** : Workshop part-1
- Day-2** : Workshop part-2
- Vote Of thanks** : Mr.R.Ganesh, AP/Mechanical

  
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## DEPARTMENT OF MECHANICAL ENGINEERING

### Research Methodology workshop

On

### Cracks in Wind Bearing

### STUDENTS NAME LIST-2019:2020 ODD

S.NO	Reg No	Students Name	Year/Branch
1	811218114001	Abinash P	IV/Mechanical
2	811218114002	Ajith Kumar M	IV/Mechanical
3	811218114003	Arun Pandian M R	IV/Mechanical
4	811218114004	Alaguraja M	IV/Mechanical
5	811218114005	Balasubramani K	IV/Mechanical
6	811218114006	Dineshkumar K	IV/Mechanical
7	811218114007	Ganesapandy K	IV/Mechanical
8	811218114010	Murugappan P	IV/Mechanical
9	811218114011	Prasanth R	IV/Mechanical
10	811218114012	Praveen A	IV/Mechanical
11	8.11218E+11	Rabin Singh X	IV/Mechanical
12	811218114014	Ramesh.M	IV/Mechanical
13	811218114015	Renish Bharathi S	IV/Mechanical
14	811218114016	Santhosh K	IV/Mechanical
15	811218114017	Sathish Selva A	IV/Mechanical
16	811218114018	Tamilselvan T	IV/Mechanical
17	811218114019	Vasanth D	IV/Mechanical
18	811218114020	Vikram S	IV/Mechanical
19	811218114021	Vishnu B	IV/Mechanical
20	811218114022	Yogavishwabarathi G	IV/Mechanical

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S.NO	Reg No	Students Name	Year/Branch
22	811218114301	Dharmaseelan M	IV/Mechanical
23	811218114302	Mahamuni R	IV/Mechanical
24	811218114303	Naveen Kumar T	IV/Mechanical
25	811218114304	Ramakrishnan M	IV/Mechanical
26	811218114306	Subeekshiseeth Prasana D	IV/Mechanical
27	811219114001	Aathilingam V	III/Mechanical
28	811219114002	Abimanyu C	III/Mechanical
29	811219114003	Ajay S	III/Mechanical
30	811219114004	Christy Lourthu Samy A	III/Mechanical
31	811219114006	Periyasamy P	III/Mechanical
32	811219114008	Saravana Kumar V	III/Mechanical
33	811219114010	Siriyac Selva A	III/Mechanical
34	811219114011	Suriyaganesh M	III/Mechanical
35	811219114012	Vaithiyalingam M	III/Mechanical
36	811219114013	Vikash R	III/Mechanical
37	811219114301	Hariharan R	III/Mechanical
38	811219114302	Mohanraj G	III/Mechanical
39	811219114303	Sivash K	III/Mechanical
40	811219114701	Gokul R	III/Mechanical
41	811219114702	Madhan Murugan S	III/Mechanical
42	811219114703	Muthukaruppan M	III/Mechanical
43	811219114704	Inigo Rithish P	III/Mechanical

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DEPARTMENT OF MECHANICAL ENGINEERING


Research Methodology workshop

On

Cracks in Wind Bearing

### Students Attendance List

S.NO	Reg No	Students Name	Year	F.N	A.N
1	811218114001	Abinash P	IV		
2	811218114002	Ajith Kumar M	IV	Abinash	Abinash
3	811218114003	Arun Pandian M R	IV	M. Arun	M. Arun
4	811218114004	Alaguraja M	IV	Arun Rn	Arun Rn
5	811218114005	Balasubramani K	IV	M. Arun	M. Arun
6	811218114006	Dineshkumar K	IV	Babun	Babun
7	811218114007	Ganesapandy K	IV	Dinakar	Dinakar
8	811218114010	Murugappan P	IV	Gang	Gang
9	811218114011	Prasanth R	IV	M. Arun	M. Arun
10	811218114012	Praveen A	IV	Praveen	Praveen
11	811218114013	Rabin Singh X	IV	Praveen	Praveen
12	811218114014	Ramesh.M	IV	X. Robin	X. Robin
13	811218114015	Renish Bharathi S	IV	Ramesh	Ramesh
14	811218114016	Santhosh K	IV	Renish	Renish
15	811218114017	Sathish Selva A	IV	Sant	Sant
16	811218114018	Tamilselvan T	IV	Sant	Sant
17			IV	Tamilselva	Tamilselva

  
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S.NO	Reg No	Students Name	Year	F.N	A.N
18	811218114020	Vikram S	IV		
19	811218114021	Vishnu B	IV	Vishnu	Vishnu
20	811218114022	Yogavishuvabarathi G	IV	Yogani	Yogani
21	811218114023	Vigneshwaran C	IV	Vignesh	Vignesh
22	811218114301	Dharmaseelan M	IV	M.D.K.	M.D.K.
23	811218114302	Mahamuni R	IV	R. Mahamuni	R. Mahamuni
24	811218114303	Naveen Kumar T	IV	T. Naveen	T. Naveen
25	811218114304	Ramakrishnan M	IV	Ramkrishnan	Ramkrishnan
26	811218114306	Subeekshiseeth Prasana D	IV	D. Subeekshiseeth	D. Subeekshiseeth
27	811219114001	Aathilingam V	III	V. Athilingam	V. Athilingam
28	811219114002	Abimanyu C	III	C. Abimanyu	C. Abimanyu
29	811219114003	Ajay S	III	S. Ajay	S. Ajay
30	811219114004	Christy Lourthu Samy A	III	A. Christy	A. Christy
31	811219114006	Periyasamy P	III	P. Periyasamy	P. Periyasamy
32	811219114008	Saravana Kumar V	III	V. Saravana Kumar	V. Saravana Kumar
33	811219114010	Siriyac Selva A	III	A. Siriyac Selva	A. Siriyac Selva
34	811219114011	Suriyaganesh M	III	M. Suriyaganesh	M. Suriyaganesh
35	811219114012	Vaithiyalingam M	III	M. Vaithiyalingam	M. Vaithiyalingam
36	811219114013	Vikash R	III	R. Vikash	R. Vikash
37	811219114301	Hariharan R	III	R. Hariharan	R. Hariharan
38	811219114302	Mohanraj G	III	G. Mohanraj	G. Mohanraj
39	811219114303		III		

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S.NO	Reg No	Students Name	Year	F.N	A.N
41	811219114702	Madhan Murugan S	III	S. Madhan	S. Madhan
42	811219114703	Muthukaruppan M	III	Muthu	Muthu
43	811219114704	Inigo Rithish P	III	P. Inigo	P. Inigo

  
RM co-ordinator

  
Dr. G. Balakrishnan, M.E., Ph.D.,  
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HoD/Mech





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**DEPARTMENT OF MECHANICAL ENGINEERING**

**Research Methodology workshop**

**On**

**Cracks in Wind Bearing**

**Report of the Program**

<b>Research Methodology Workshop on Cracks In wind Bearing</b>			
Title:	Research Methodology workshop "Cracks in Wind Bearings"		
Resource Person:	Dr.U.Natarajan Alagapa chettaiyar Government College of Engineering Karaikudi		
Date:	15.10.2019&16.10.2019		
Organized Department	<b>Mechanical Engineering</b>		
Participant Year:	3,4	No. of Students Registered :	43
Venue:	Google Meet: <a href="https://meet.google.com/eet-biqo-kgc">meet.google.com/eet-biqo-kgc</a>		
<b>Outcome of the program: At the end of the workshop the students can able to,</b>			
<ol style="list-style-type: none"><li>1. Know the bearing life</li><li>2. Describe the bearing failures.</li><li>3. Know the types of cracks involved in the wind bearings</li><li>4. Explain with different models of wind bearing</li><li>5. Explain the causes and effects in wind bearings.</li></ol>			
 RM Coordinator		 HoD/Mech	 Principal

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## Research Methodology Workshop on Cracks In wind Bearing

Title:	Research Methodology workshop "Cracks in Wind Bearings"		
Resource Person:	Dr.U.Natarajan Alagapa chettaiyar Government College of Engineering Karaikudi		
Date:	15.10.2019 & 16.10.2019		
Organized Department	Mechanical Engineering		
Participant Year:	3,4	No. of Students Registered :	43
Venue:	Google Meet: <a href="https://meet.google.com/eet-biqo-kgc">meet.google.com/eet-biqo-kgc</a>		

### Sample Photos



*J. Jeyaraj*  
RM Coordinator

*P. Parvathy*  
HoD/Mech

*[Signature]*  
Principal

*[Signature]*  
Dr. G. Balakrishnan, M.E., Ph.D.,  
Principal  
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## *CERTIFICATE OF APPRECIATION*

*This is certify that A.PRAVEEN of IV Year B,E Mech has participated in the Two days Research methodology Workshop on "Cracks in Wind Bearing" organized by Mechanical Engineering in a association with IGCE on 15.10.2019 to 16.10.2019 during the Academic Year 2019-2020.*

*R. Kumar*  
HOD



*G.S.*

**Dr. G. Balakrishnan, M.E., Ph.D.,**

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*This is certify that R. PRASANTH of IV Year B,E Mech has participated in the Two days Research methodology Workshop on "Cracks in Wind Bearing" organized by Mechanical Engineering in a association with IGCE on 15.10.2019 to 16.10.2019 during the Academic Year 2019-2020.*

*R. Kumar*  
HOD



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*This is certify that P.AVINASH of IV Year B,E Mech has participated in the Two days Research methodology Workshop on "Cracks in Wind Bearing" organized by Mechanical Engineering in a association with IGCE on 15.10.2019 to 16.10.2019 during the Academic Year 2019-2020.*

*R. Kumar*  
HOD



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*R. Ramraj*  
HOD



*Dr. G. Balakrishnan, M.E., Ph.D.*  
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R. Kumar

HOD



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*This is certify that K,SIVASH of III Year B,E Mech has participated in the Two days Research methodology Workshop on "Cracks in Wind Bearing" organized by Mechanical Engineering in a association with IGCE on 15.10.2019 to 16.10.2019 during the Academic Year 2019-2020.*

*R. Kumar*  
HOD



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