FACULTY OF ENGINEERING

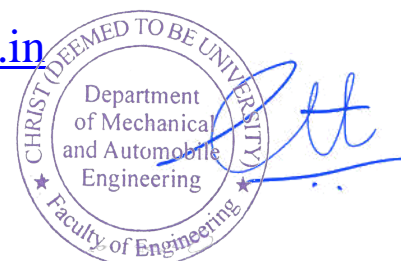**DEPARTMENT OF MECHANICAL AND AUTOMOBILE ENGINEERING**

TWO DAYS WORKSHOP ON

RESEARCH AND MODERN TOOLS USAGE

ACADEMIC YEAR 2019-20

CHRIST (Deemed to be University), Bangalore

Karnataka, India

www.christuniversity.in

REPORT ON
WORKSHOP ON RESEARCH AND MODERN TOOLS USAGE

(30 AND 31 MAY 2019)

DAY 1

Session No	1
Facilitator	Dr Palpandian P, Associate Professor, Department of Mechanical and Automobile Engineering, CHRIST (Deemed to be University)
Session Date and Time	30.5.2019 9:00 AM to 11:00 AM
Topic	Introduction to LMS and Briefing of tools
Learning/Research Outcomes	➢ Importance of LMS ➢ List of the tools present in the moodles ➢ Usage of quiz and file tools in the moodles

Session No	2
Facilitator	Dr Varaprasad Janamala, Assistant Professor, Department of Electrical and Electronics Engineering, CHRIST (Deemed to be University)
Session Date and Time	30.5.2019 11:15 AM to 1:00 PM
Topic	Hands on session on LMS
Learning/Research Outcomes	➢ File tool usage and the type of files to upload. ➢ Assignment tool usage and different formats to be filled in moodles while uploading. ➢ Turnitin and Scorm package application. ➢ Other tool resources such as Book, Folder, IMS content package, Label, Page, URL, Survey, Workshop which are available in moodles. ➢ Online correction of assignments and grading.

Session No	3
Facilitator	Mr Venkataswamy, Assistant Professor, Department of Electrical and Electronics Engineering, CHRIST (Deemed to be University)
Session Date and Time	30.5.2019 1:45 PM to 2:45 PM
Topic	Introduction to Latex
Learning/Research Outcomes	➢ Latex format. ➢ Different packages in Latex. ➢ Use of Latex for research. ➢ Importance of Latex in thesis writing and research papers.

Session No	4
Facilitator	Mr Venkataswamy, Assistant Professor, Department of Electrical and Electronics Engineering, CHRIST (Deemed to be University)
Session Date and Time	30.5.2019 3:00 PM to 4:20 PM
Topic	Structure of Latex
Learning/Research Outcomes	➢ Basic format of latex. ➢ Installation of Latex in laptops. ➢ Generic syntax for writing latex. ➢ Online website where latex can be easily accessed.

DAY 2

Session No	1
Facilitator	Mr Devaraj K, B.M.S College of Engineering, Bangalore
Session Date and Time	31.5.2019 9:00 AM to 11:00 AM
Topic	Basics of latex
Learning/Research Outcomes	➢ Simple syntax and latex format. ➢ Easy steps to write programming in latex. ➢ Practice of one general thesis template.

Session No	2
Facilitator	Mr Devaraj K, B.M.S College of Engineering, Bangalore
Session Date and Time	31.5.2019 11:15 AM to 1:00 PM
Topic	Use of tables, figures and equations in latex
Learning/Research Outcomes	➢ Tables syntax and how to import from online tools. ➢ Figures syntax and formatting the figure according to the requirement. ➢ Equation syntax and importing equations from Math-Type software.

Session No	3
Facilitator	Mr Devaraj K, B.M.S College of Engineering, Bangalore
Session Date and Time	31.5.2019 1:45 PM to 2:45 PM
Topic	Use of templates in Latex
Learning/Research Outcomes	➢ IEEE template and hands on session. ➢ ASME template and hands on session. ➢ Other templates available online and importing on to the work space.

Session No	4
Facilitator	Mr Devaraj K, B.M.S College of Engineering, Bangalore
Session Date and Time	31.5.2019 3:00 PM to 4:20 PM
Topic	Hands on session with latex
Learning/Research Outcomes	➢ Online free templates and hands on session. ➢ Different templates for research papers and thesis writing. ➢ Usage of all the latex syntax taught to develop a free hand on latex.

PHOTO GALLERY

Mr Ivan Sunit Rout welcoming the participants
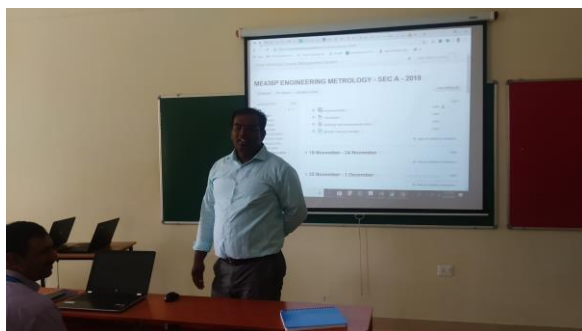

Dr Palpandian P briefing of the LMS tools

Dr Varaprasad Janamala explaining the LMS tools
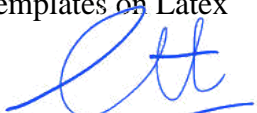

Mr Venkataswamy R discussing the importance of Latex

Dr Santhosh N introducing the external trainer

Mr Devaraj K explaining different templates on Latex

Head of the Department
Mechanical and Automobile Engineering
CHRIST (Deemed to be University)
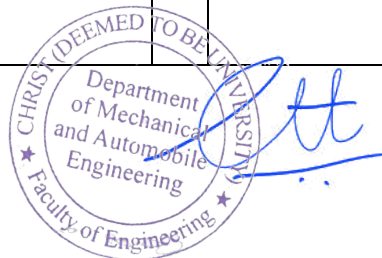*Bengaluru - 560 074*

FACULTY OF ENGINEERING
MECHANICAL AND AUTOMOBILE ENGINEERING DEPARTMENT

TWO DAYS WORKSHOP ON
"RESEARCH AND MODERN TOOLS USAGE"
(30th to 31st May 2019)
SCHEDULE

Day/ Date	Session I (9.00AM to 11.00AM)	Tea Break (11.00 AM to 11: 15 AM)	Session II (11.15 AM to 1.00PM)	Lunch (1.00PM to 1.45 PM)	Session III (1.45PM to 2.45PM)	Tea Break (2.45PM to 3PM)	Session IV (3PM to 4.20 PM)
Day 1 30/05/19	Title of session- "Introduction to LMS & Briefing of tools " Name of Resource Person- **Dr. Pal Pandian P/ Dr Varaprasad**		Title of session- "Hands on session on LMS". Name of Resource Person- **Dr. Varaprasad**		Title of session- "Introduction to Latex" Name of Resource Person- **Mr Venkataswamy**		Title of session- "Structure of Latex" Name of Resource Person- **Mr Venkataswamy**
Day 2 31/05/19	Title of session— "Basics of Latex" Name of Resource Person- **Mr.Devaraj K** **BMS College of Engineering**		Title of session-"**Use of tables, figures and equations in Latex**" Name of Resource Person- **Mr.Devaraj K** **BMS College of Engineering**		Title of session- "Use of templates in Latex" Name of Resource Person- **Mr.Devaraj K** **BMS College of Engineering**		Title of session- "Hands on session with Latex" Name of Resource Person- **Mr.Devaraj K** **BMS College of Engineering**

FACULTY OF ENGINEERING
DEPARTMENT OF MECHANICAL & AUTOMOBILE ENGINEERING
TWO DAYS WORKSHOP ON
"RESEARCH AND MODERN TOOLS USAGE"
(30th to 31st May 2019)

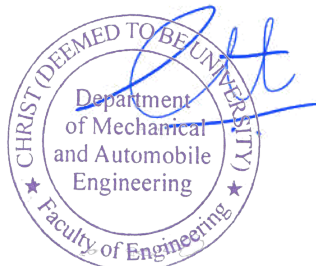Eternal Resource Person

External Resource Person

1. Mr Devaraj K
Assistant Professor, BMS College of Engineering,
Bangalore - 560019

Internal Resource Persons

1. Dr. Pal Pandian P
Associate Professor,
Department of Mechanical and Automobile Engineering,
CHRIST (Deemed to be University)

4. Dr Varaprasad Janamala
Assistant Professor,
Department of Electrical and Electronics Engineering,
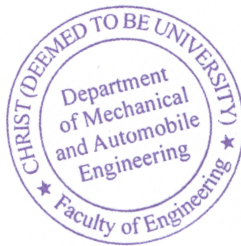Faculty of Engineering,
CHRIST (Deemed to be University)

5. Mr Venkataswamy R,
Assistant Professor,
Department of Electrical and Electronics Engineering,
Faculty of Engineering,
CHRIST (Deemed to be University)

List of Attendees

1	Dr. Gurumoorthy S Hebbar	16	Prof. Ajith Gopinath	31	Prof. Ram Kumar N
2	Dr. Shankar V	17	Prof. Anil Melwyn Rego	32	Prof. Ramesha K
3	Dr. Pranab Das	18	Prof. Avinash Babu	33	Prof. Ravichandran G
4	Dr. Parvati Ramaswamy	19	Prof. Ben Rajesh P	34	Prof. Ravikumar R
5	Dr. Parthasarathy	20	Prof. Chennakeshava R	35	Prof. Reghu V R
6	Dr. Pal Pandian P	21	Prof. Darshan S M	36	Prof. Swathi Bale
7	Dr. Sathyanarayana	22	Prof. Gowtham Sanjai S	37	Prof. Sajna Parimita P
8	Dr. Francis Xavier L	23	Prof. Harish Kumar M	38	Prof. Shivakumar
9	Dr. Shijo Thomas	24	Prof Ivan Sunit Rout	39	Prof. Thejaraju R
10	Dr. Pradeep Kumar	25	Prof. Pritesh Hadiya	40	Prof. Umesh V
11	Dr. Anil Raj	26	Prof. James S Kumar	41	Prof. Vivek K S
12	Dr. Jangam Sasidhar	27	Prof. Kiran K	42	Mr. Keerthi Teja
13	Dr. Dileep V Nair	28	Prof. Nirajana S J	43	Mr. Pramod
14	Dr. Santosh N	29	Prof. Praise Tom	44	Dr Manjunath
15	Dr Arun	30	Buleaha	45	Dr Benson K

Head of the Department
Mechanical and Automobile Engineering
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