

B. M. S. COLLEGE OF ENGINEERING BENGALURU-19

(Autonomous Institute under VTU, Approved by AICTE, Accredited by NAAC)

One Day national Symposium on

“Infrared Thermography and its Applications”

Sponsored by TEQIP-III and Fluke technologies

4th July 2019

Venue: CSE Seminar hall, 4th Floor, New Academic Block, Department
of Computer Science and Engineering, New Academic, BMSCE

REPORT

1. Introduction

Department of CSE, Medical Electronics and ECE, BMSCE has jointly organized one day National Symposium on "Infrared Thermography and its Applications" in association with FET M J P Rohilkhand University (Bareilly), TEQIP-III and Fluke technologies on 4th July 2019 at CSE Seminar Hall, 4th floor, New Academic block, BMSCE. Thirty five participants across India participated in this Symposium. The speakers were from Industry & Academia. Keynote talk was given by Dr. B B Lahiri from IGCAR, Kalpakam on the topic “Infrared Thermal Imaging: Biomedical and Industrial Applications”. The second session of the talk was given by Dr. Mohamed Yacin Sikkandar, from Majmaah University, Kingdom of Saudi Arabia on the topic “Medical Infrared Imaging in Diagnosis of Human Abnormal Conditions”. Third session of the talks was given by Dr.S.Jeyakumar from ICAR-National Dairy Research Institute (DU), Adugodi, Bengaluru on the topic “Infrared thermography and its applications in veterinary medicine with special reference to dairy cattle”. Fourth session of the talk was given by Dr. Mukund A. Kataktalware from ICAR-National Dairy Research Institute (DU), Adugodi, Bengaluru on the topic “Application of Infrared Thermography in Veterinary Andrology”. During after, Fluke technologies demonstrated their infrared devices to participants. Followed by demonstration was Poster presentations. Seven poster were presented in this symposium. The Symposium was concluded by distribution of certificates.

2. Objective of the Symposium

- To provide a forum for sharing the scientific principles and technical challenges of using digital infrared thermography in various domains
- To identify potential application routes that may be of interest to industry to assist with findings of specific issues

3. Outcome of the Symposium

- Initiation of collaborative research works using thermal imaging technology
- Exchange of information about the uses and applications of Infrared (IR) imaging technology including infrared thermography, thermal infrared sensing, IR imaging and measuring instruments.
- Discuss the strategies, technologies, procedures, best practices, research, and development that can significantly improve research and applications of thermal imaging technology

4. Schedule of the Workshop

8.30.00 – 9:00 am	Registration		
9:00 – 9:45 am	Inauguration		
Time	Programme/topic	Speaker	
10.00 – 11:00 am	Key Note Talk on Infrared Thermal Imaging: Biomedical and Industrial Applications	Keynote Speaker Dr.B B Lahiri Scientific Officer-E, Smart Materials Section, Corrosion Science and Technology Division, Metallurgy and Materials Group, Indira Gandhi Centre for Atomic Research, Kalpakkam 603 102, T.N., India	
11.00 -11.15am	Tea Break		
11.15-12.15pm	Medical Infrared Imaging in Diagnosis of Human Abnormal Conditions	Dr. Mohamed Yacin Sikkandar Associate Professor, College of Applied Medical Sciences, Majmaah University, Kingdom of Saudi Arabia	
12.15-1.15pm	Application of Infrared Thermography in Veterinary Andrology	Dr. Mukund A. Kataktalware Senior Scientist- Livestock Production Management Dairy Production Section, Southern Regional Station, ICAR-National Dairy Research Institute (DU), Adugodi, Bengaluru- 560 030, Karnataka, India	
	and Infrared thermography and its applications in veterinary medicine with special reference to dairy cattle	Dr.S.Jeyakumar Principal Scientist Southern Regional Station, ICAR-National Dairy Research Institute (DU), Adugodi, Bengaluru- 560 030, Karnataka, India	

1.15-2.15pm	Lunch Break	
2:15 - 3:15 pm	Demonstration of Infrared Devices by Fluke Technologies, Bengaluru	Mr Namadev Pise Manager-Sales, Fluke Technologies, Bangalore
3.15-4.15pm	Poster Presentations	Participants
4.15-5.00pm	Valedictory	

6. Feedback from Faculty on the FDP

Feedback was taken from participants which were positive and comments from participants suggested that they had very good learning experience by attending this Symposium. They also showed their interest to attend such Symposiums in near future.

7. Participants List

B.M.S.COLLEGE OF ENGINEERING, BANGALORE-19
TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME-III
One Day National Symposium on "Infrared Thermography and its Applications" 4th July 2019
THE DETAILS OF PARTICIPANTS FOR THE PROGRAMME

Sl. No.	Name	USN/Designation	Institute/company	Category /SC/ST/OBC/GM	email ID	Contact Number	Signature
1.	Divya Bharathi S.R	IBM11610007	BMSCE	OBC	divya.bharathishr@gmail.com	9198838577	Divya Bharathi
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5.	Nitpank N. Kulkarni	Dist. Prof.	BMSCE	GM	nitpank.ceel@bmsce.ac.in	9407244755	Nitpank
6.	Greeshma Jacob	Ph.D Scholar	CHABAT	GM	greeshma.jacob@chibat.ac.in	9740336823	Greeshma
7.	Kamala C.	Ph.D Scholar	Dr. AIT	SC	kamala_cay@yaho.co.in	9886228442	Kamala
8.	Dr. Venkatesh T. Lomari	faculty	BMSCE		venkateshtl@bmsce.ac.in	9886598657	Dr. Venkatesh
9.	Dr. JAYARAJA SH	NANDA FEEDS	NANDA FEEDS		dr.jayaram.kash@gmail.com	766878902	Dr. Jayaraja
10.	Varthika. Mishra	Ph.D. Scholar	NIT Rourkela	GEN	varthikamishra151@gmail.com	9627226902	Varthika
11.	Dr. GIGGIN.T	Asst. Professor	Kerala Agricultural University	SC	giggin.tokau.in	9847335759	Dr. Giggin
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14.	Dr. M. C. Sathish Babarathi	Asst. Prof	VERT, TNJ, Tamil Nadu		dr.mcsathishbabarathi@gmail.com	9787541122	Dr. M. C. Sathish
15.	Prashant Kumar	Ph.D. Scholar	SRS, ICAR, NDRI		prashant.m.k@gmail.com	8708142673	Prashant
16.	Dr. Lokesh Babu D.S.	Visiting Consultant	MANMUL	GM	lokeshbabu9346@gmail.com	9886011316	Dr. Lokesh
17.	K. B. Sathesh	Concept	Concept Electronics	GM	sathesh@conceptelectronics.com	9886110338	K. B. Sathesh
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30	SUDHA B.G	1BM16PEJ18	BMSCE (CSE)	OBC	sudhabg_16pej@bmsce.ac.in	98105681222	Sudha
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35	Dr. Jayanthi Murthy		BMSCE (R)	GEN	jayanthi.cce@bmsce.ac.in	9880963658	Jayanthi

8. Symposium Photos



