



BMS

INSTITUTE OF TECHNOLOGY AND MANAGEMENT

Avalahalli, Doddaballapur Main Road, Bengaluru - 560064

DEPARTMENT OF ELECTRONICS AND COMMUNICATION

ENGINEERING

MONTHLY PROGRESS REPORT FOR THE MONTH OF JUNE - 2020

Date: 04/07/2020

BOE:

1. Dr. Jayadeva G S, Professor, Department of ECE attended a BOS meeting (online) for ECE department, MSRIT, Bangalore on 06.06.2020.
2. Dr. Jayadeva G S, Professor, Department of ECE attended a VTU -LIC online visit as a committee member on 11.06.2020 and 12.06.2020.

Faculty as Resource Person:

1. Dr. Dankan Gowda V, Assistant Professor, Department of ECE has extended his support as Resource person for Online Webinar on “LMS Tools for Online Teaching” held on 08.06.2020 at Department of Electronics and Communication Engineering Cambridge Institute of Technology (North Campus) Bangalore.
2. Dr. Dankan Gowda V, Assistant Professor, Department of ECE has extended his support as Resource person for One Day Workshop on “IoT Simulation using TinkerCAD” held on 09.06.2020 at Department of Electronics and Communication Engineering Cambridge Institute of Technology (North Campus) Bangalore.

Out Reach Activity:

1. Ravindra V Asundi, Assistant Professor, Department of ECE has extended his support for COVID-19 AWARENESS CAMPAIGN under the banner Unnat Bharath Abhiyan in association with National Service Scheme from 24.06.2020 to 29.06.2020 at nearby villages namely mylappanahalli, madappanahalli, avalahalli and singanayakanahalli.





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ECE_JUN_FIG1

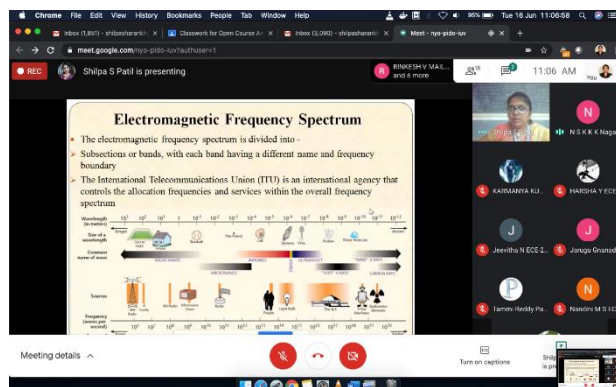
ECE_JUN_FIG2

Memorable Moments / Best

1. Department of ECE has undergone an online LIC visit on 25.06.2020 for the purpose of extension of affiliation wherein an expert committee has verified department progress, infrastructure, academic documents, student admission etc.
2. Department of ECE has organised 5-days online open courses/value added programs for 4th and 6th semester students from 16.06.2020 to 20.06.2020.

Following table gives the details about title of the courses, faculty coordinators and number of registration for each course.

| Title of the course | Image Processing with MATLAB/PYTHON and its Applications | Pattern Recognition | Data Structure Using C and Python | 5G technology and antenna design | Intelligent multimedia communication |
|-------------------------------------|--|--|--|----------------------------------|--|
| Faculty Members as resource persons | Surekha R Gondkar | Dr. Vijayalakshmi G V Chandraprabha R Dr. Dankan Gowda V | Ravindra Asundi Suryakanth B Shivarudraiah B Robin Singla | Rashmi N Dr. Ambika R | Shilpa Hiremath Mamatha K R Dr. Shanti Chandra |
| Total registration | 71 | 52 | 38 | 71 | 26 |



ECE_JUN_FIG3



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Classes handled by the department (from 01.06.2020 to 30.06.2020)

| Sl no: | Department | Semester | No: of Theory classes | No: of Practicals classes | Description (Brief topics of Seminars) |
|--------|------------|---|-----------------------|---------------------------|--|
| 1 | ECE | 2 nd , 4 th , 6 th and 8 th | 136 | - | |

Publication of Research Papers by the Faculty Members, BMSIT&M

International Journal:

1. Dankan Gowda V, Sridhar S B, Ramesh Naidu P, Naveen Pai G, Vinay Kumar B C, “Implementation of Automatic Air Traffic Control System: An Overview”, GIS Science Journal , Volume-7, Issue-6, June 2020 (Scopus Indexed).

Placement Activities at BMSIT&M

This should cover the placement activities done by the department.

1. Department of ECE in association with placement cell, conducted a 3-days online placement training for 6th semester students on 23.06.2020, 24.06.2020 and 26.06.2020. Concepts such as fundamentals of mathematics, programming skills were taught and activities like Group Discussion, Mock Interview and Interview skills were conducted.

Workshops / Seminars / FDPs attended

FDP /Workshops/STTP attended:

1. Dr. Ambika R, Professor & Head, Department of ECE participated in a webinar on “5G Technology and its Applications” on 08.06.2020, organized by RVCE Bengaluru.
2. Dr. Vijayalakshmi G V, Associate Professor, Department of ECE has attended a webinar on “BUSINESS ANALYTICS USING TABLEAU AND ITS OPPORTUNITIES”, on 21.06.2020 organized by the Department of Computer Science and Application, Faculty of Science & Humanities, SRM Institute of Science & Technology, Vadapalani, Chennai-600026.



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3. Dr. Vijayalakshmi G V, Associate Professor, Department of ECE has attended a webinar on “How 5G will reshape business and open up new opportunities”, on 10.06.2020 organised by the Department of Electronics and Telecommunication Engg., R V college of Engineering, Bengaluru.
4. Shivarudraiah B, Assistant Professor, Department of ECE participated in a panel discussion webinar on “Learning, E-Learning & Re-Learning in the Post COVID World” on 26.06.2020 organized by the Centre for Research in Social Sciences and Education (CERSSE), JAIN University, Bengaluru.
5. Shilpa Hiremath, Assistant Professor, Department of ECE has attended a webinar on “Democratizing Analytics: why analytics is a key career opportunity of today's dynamic world” on 09.06.2020 organized by department of MBA, RNSIT, Bengaluru.
6. Shilpa Hiremath, Assistant Professor, Department of ECE has attended a webinar on “Impact of current economic uncertainties on the job market & the skill required to overcome & move forward” on 10.06.2020 organized by department of MBA, RNSIT, Bengaluru.
7. Dr. Vijayalakshmi G V, Associate Professor, Department of ECE has participated in virtual FDP on " NEURAL NETWORKS AND DEEP LEARNING USING PYTHON", held from 01.06.2020 to 05.06.2020 organized by School of computing and Information Technology, REVA University, Bangalore.
8. Suryakanth B, Assistant Professor, Department of ECE has participated in virtual FDP on "NEURAL NETWORKS AND DEEP LEARNING USING PYTHON", held from 01.06.2020 to 05.06.2020 organized by School of computing and Information Technology, REVA University, Bangalore.
9. Dr. Dankan Gowda V, Assistant Professor, Department of ECE participated in the Faculty Development Program on “EMERGING TRENDS IN CYBER SECURITY” from 15.06.2020 to 20.06.2020, organized by Department of Computer Science & Engineering, CMR Institute of Technology, Bengaluru
10. Dr. Dankan Gowda V, Assistant Professor, Department of ECE participated in AICTE Sponsored One week online Faculty Development Program on “NBA and NAAC Accreditation Process” from 04.06.2020 to 08.06.2020, organized by Internal Quality Assurance Cell (IQAC) M S Ramaiah Institute of Technology, Bengaluru.
11. Mamatha K R, Assistant Professor, Department of ECE has participated in online FDP on "Universal Human Values" from 20.06.2020 to 24.06.2020 organized by AICTE.



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12. Supriya K, Assistant Instructor, Department of ECE has attended a training on “COREL DRAW SUITE” from 26.06.2020 to 29.06.2020 at BMSIT&M, Bengaluru.
13. Supriya K, Assistant Instructor, Department of ECE has attended a Webinar on “VLSI Design on Cadence virtuoso using 180 nm CMOS Technology” on 26.06.2020 at PDIT, HOSPET.
14. Supriya K, Assistant Instructor, Department of ECE has attended a Webinar on “DATA ANALYTICS: EN-ROUTE TO AI & ML” on 27.06.2020 organized by City Engineering College, Bangalore.
15. Supriya K, Assistant Instructor, Department of ECE has attended a Webinar on “Programmable Logic Controller and Its Application” on 30.06.2020.
16. Hitendra K, Assistant Instructor, Department of ECE has attended a training on “Google Suite and MS Excel” from 26.06.2020 to 29.06.2020 at BMSIT&M, Bengaluru.

Online Course completed (faculty):

| <u>Department</u> | <u>Certified by</u> | <u>No. of (Unique) Course</u> | <u>Total no. of courses taken by Faculty</u> |
|-------------------|---------------------|-------------------------------|--|
| ECE | UDEMY | 2 | 2 |
| | Cognitive class | 1 | 1 |

1. Dr. Vijayalakshmi G V, Associate Professor, Department of ECE has completed UDEMY online course on the topic “Neural signal processing and analysis” on 03.06.2020.
2. Dr. Dankan Gowda V, Assistant Professor, Department of ECE has completed COGNITIVE CLASS online course on the topic on “Python 101 for Data Science” on 08.06.2020.
3. Supriya K, Assistant Instructor, Department of ECE has completed UDEMY online course on the topic “The Complete Networking Fundamentals Course Your CCNA start” in June 2020.

Online Course completed (Students):

| <u>Department</u> | <u>Semester</u> | <u>Certified by</u> | <u>No. of Course (Unique)</u> | <u>Total no. of courses taken by Students</u> |
|-------------------|-----------------|---------------------|-------------------------------|---|
| ECE | 2,4,6,8 | Coursera | | 160 |